



## 16259 - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

Cycle: 28, Proposal Category: GO

(Availability Mode: SUPPORTED)

### INVESTIGATORS

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## VISITS

| <b>Visit</b> | <b>Targets used in Visit</b> | <b>Configurations used in Visit</b> | <b>Orbits Used</b> | <b>Last Orbit Planner Run</b> | <b>OP Current with Visit?</b> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 5U           | (1) COSMOS-F160W-1           | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:38.0        | yes                           |
| 5V           | (2) COSMOS-F160W-2           | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:39.0        | yes                           |
| 5W           | (3) COSMOS-F160W-3           | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:41.0        | yes                           |
| 5X           | (4) COSMOS-F160W-4           | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:42.0        | yes                           |
| 5Y           | (5) COSMOS-F160W-5           | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:43.0        | yes                           |
| AJ           | (6) COSMOS-F160W-6           | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:45.0        | yes                           |
| 6A           | (7) COSMOS-F160W-7           | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:46.0        | yes                           |
| 6B           | (8) COSMOS-F160W-8           | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:47.0        | yes                           |
| 6C           | (9) COSMOS-F160W-9           | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:48.0        | yes                           |
| AK           | (10) COSMOS-F160W-10         | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:50.0        | yes                           |
| 6E           | (11) COSMOS-F160W-11         | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:51.0        | yes                           |
| AL           | (12) COSMOS-F160W-12         | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:53.0        | yes                           |
| 6G           | (13) COSMOS-F160W-13         | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:54.0        | yes                           |
| 6H           | (14) COSMOS-F160W-14         | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:55.0        | yes                           |
| 6I           | (15) COSMOS-F160W-15         | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:56.0        | yes                           |
| 6J           | (16) COSMOS-F160W-16         | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:57.0        | yes                           |
| 6K           | (17) COSMOS-F160W-17         | WFC3/IR                             | 1                  | 25-Aug-2021 17:00:59.0        | yes                           |
| A3           | (18) COSMOS-F160W-18         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:00.0        | yes                           |
| AM           | (19) COSMOS-F160W-19         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:02.0        | yes                           |
| A5           | (20) COSMOS-F160W-20         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:03.0        | yes                           |
| A6           | (21) COSMOS-F160W-21         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:04.0        | yes                           |
| A7           | (22) COSMOS-F160W-22         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:05.0        | yes                           |
| A8           | (23) COSMOS-F160W-23         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:07.0        | yes                           |

Proposal 16259 (STScI Edit Number: 9, Created: Wednesday, August 25, 2021 at 4:02:40 PM Eastern Standard Time) - Overview

| <b>Visit</b> | <b>Targets used in Visit</b> | <b>Configurations used in Visit</b> | <b>Orbits Used</b> | <b>Last Orbit Planner Run</b> | <b>OP Current with Visit?</b> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| A9           | (24) COSMOS-F160W-24         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:08.0        | yes                           |
| AN           | (25) COSMOS-F160W-25         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:09.0        | yes                           |
| AO           | (26) COSMOS-F160W-26         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:10.0        | yes                           |
| AP           | (27) COSMOS-F160W-27         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:11.0        | yes                           |
| AQ           | (28) COSMOS-F160W-28         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:13.0        | yes                           |
| AE           | (29) COSMOS-F160W-29         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:14.0        | yes                           |
| AF           | (30) COSMOS-F160W-30         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:15.0        | yes                           |
| AG           | (31) COSMOS-F160W-31         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:17.0        | yes                           |
| AH           | (32) COSMOS-F160W-32         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:18.0        | yes                           |
| AR           | (33) COSMOS-F160W-33         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:19.0        | yes                           |
| 9M           | (34) COSMOS-F160W-34         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:20.0        | yes                           |
| 9N           | (35) COSMOS-F160W-35         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:22.0        | yes                           |
| 9O           | (36) COSMOS-F160W-36         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:23.0        | yes                           |
| 9P           | (37) COSMOS-F160W-37         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:24.0        | yes                           |
| AS           | (38) COSMOS-F160W-38         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:25.0        | yes                           |
| 9R           | (39) COSMOS-F160W-39         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:27.0        | yes                           |
| 9S           | (40) COSMOS-F160W-40         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:28.0        | yes                           |
| 9T           | (41) COSMOS-F160W-41         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:29.0        | yes                           |
| 9U           | (42) COSMOS-F160W-42         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:31.0        | yes                           |
| 9V           | (43) COSMOS-F160W-43         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:32.0        | yes                           |
| 9W           | (44) COSMOS-F160W-44         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:33.0        | yes                           |
| 9X           | (45) COSMOS-F160W-45         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:34.0        | yes                           |
| 9Y           | (46) COSMOS-F160W-46         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:35.0        | yes                           |
| 9Z           | (47) COSMOS-F160W-47         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:37.0        | yes                           |
| A0           | (48) COSMOS-F160W-48         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:38.0        | yes                           |

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|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| A1           | (49) COSMOS-F160W-49         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:39.0        | yes                           |
| A2           | (50) COSMOS-F160W-50         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:41.0        | yes                           |
| 7S           | (51) COSMOS-F160W-51         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:42.0        | yes                           |
| 7T           | (52) COSMOS-F160W-52         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:43.0        | yes                           |
| 7U           | (53) COSMOS-F160W-53         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:44.0        | yes                           |
| 7V           | (54) COSMOS-F160W-54         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:46.0        | yes                           |
| 7W           | (55) COSMOS-F160W-55         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:47.0        | yes                           |
| 7X           | (56) COSMOS-F160W-56         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:48.0        | yes                           |
| 7Y           | (57) COSMOS-F160W-57         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:49.0        | yes                           |
| 7Z           | (58) COSMOS-F160W-58         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:50.0        | yes                           |
| AT           | (59) COSMOS-F160W-59         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:52.0        | yes                           |
| 8B           | (60) COSMOS-F160W-60         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:53.0        | yes                           |
| 8C           | (61) COSMOS-F160W-61         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:55.0        | yes                           |
| 8D           | (62) COSMOS-F160W-62         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:56.0        | yes                           |
| 8E           | (63) COSMOS-F160W-63         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:57.0        | yes                           |
| 8F           | (64) COSMOS-F160W-64         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:58.0        | yes                           |
| 8G           | (65) COSMOS-F160W-65         | WFC3/IR                             | 1                  | 25-Aug-2021 17:01:59.0        | yes                           |
| 8H           | (66) COSMOS-F160W-66         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:01.0        | yes                           |
| 8I           | (67) COSMOS-F160W-67         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:02.0        | yes                           |
| 8J           | (68) COSMOS-F160W-68         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:03.0        | yes                           |
| 8K           | (69) COSMOS-F160W-69         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:05.0        | yes                           |
| 8L           | (70) COSMOS-F160W-70         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:06.0        | yes                           |
| 8M           | (71) COSMOS-F160W-71         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:07.0        | yes                           |
| 8N           | (72) COSMOS-F160W-72         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:08.0        | yes                           |
| 8O           | (73) COSMOS-F160W-73         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:10.0        | yes                           |

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|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 8P           | (74) COSMOS-F160W-74         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:11.0        | yes                           |
| 8Q           | (75) COSMOS-F160W-75         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:12.0        | yes                           |
| 8R           | (76) COSMOS-F160W-76         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:14.0        | yes                           |
| 8S           | (77) COSMOS-F160W-77         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:15.0        | yes                           |
| 8T           | (78) COSMOS-F160W-78         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:16.0        | yes                           |
| 8U           | (79) COSMOS-F160W-79         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:18.0        | yes                           |
| 8V           | (80) COSMOS-F160W-80         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:19.0        | yes                           |
| 8W           | (81) COSMOS-F160W-81         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:20.0        | yes                           |
| 8X           | (82) COSMOS-F160W-82         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:21.0        | yes                           |
| 8Y           | (83) COSMOS-F160W-83         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:22.0        | yes                           |
| 8Z           | (84) COSMOS-F160W-84         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:24.0        | yes                           |
| 9A           | (85) COSMOS-F160W-85         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:25.0        | yes                           |
| 9B           | (86) COSMOS-F160W-86         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:26.0        | yes                           |
| 9C           | (87) COSMOS-F160W-87         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:28.0        | yes                           |
| 9D           | (88) COSMOS-F160W-88         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:29.0        | yes                           |
| 9E           | (89) COSMOS-F160W-89         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:30.0        | yes                           |
| 9F           | (90) COSMOS-F160W-90         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:31.0        | yes                           |
| 9G           | (91) COSMOS-F160W-91         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:33.0        | yes                           |
| 9H           | (92) COSMOS-F160W-92         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:34.0        | yes                           |
| 9I           | (93) COSMOS-F160W-93         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:35.0        | yes                           |
| 9J           | (94) COSMOS-F160W-94         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:37.0        | yes                           |
| 9K           | (95) COSMOS-F160W-95         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:38.0        | yes                           |
| 9L           | (96) COSMOS-F160W-96         | WFC3/IR                             | 1                  | 25-Aug-2021 17:02:39.0        | yes                           |

96 Total Orbits Used

## **ABSTRACT**

The Hubble Space Telescope has enabled us to establish a broad picture of how present day galaxies came to be. We propose to extend this legacy into unprecedented new territory - degree-scale infrared imaging and spectroscopy - that will allow us for the first time to study the physical processes that shape the behemoths of the universe: the most massive, highly-star-forming, rare galaxies up to  $z=3.5$ . Using the "drift and shift" (DASH) technique, developed in Cycle 23, we propose to survey the entire 1.7 sq. deg. COSMOS field in WFC3/H(F160W) and WFC3/G141 in order to map the build up of stellar structure via  $>1000$  resolved H-alpha maps, carry out a statistically robust census of  $\sim 450 M > 10^{11} M_{\odot}$  galaxies, identify up to 100 massive major mergers to constrain theoretical models, determine emission line redshifts for  $\sim 37,000 z > 0.7$  galaxies and provide the most accurate predictions on the bias and number density of emission line galaxies prior to Euclid and WFIRST. 3D-DASH will create a wide shallow tier in the infrared "wedding cake" of extragalactic surveys, increasing the area observed with infrared grism spectroscopy by almost an order of magnitude and adding HST-resolution infrared imaging to COSMOS, one of the most actively studied fields. This program will fill in an important gap in HST extragalactic surveys in the pre-JWST era and is unlikely to be surpassed in sensitivity, area and resolution until the launch of WFIRST.

## **OBSERVING DESCRIPTION**

This program consists of two major sets of complementary observations.

Set 1 is the broad band WFC3/IR imaging in the F160W filter. The program dedicates 100 orbits to these observations which will complement existing observations from the COSMOS DASH program (GO-14114, I think).

Set 2 is the grism spectroscopy using the WFC3/IR G141 optical element. There is some, but not much existing observations in this optical element so much more area needs to be covered. The grism observations have 159 orbits dedicated to them.

The program follows on the COSMOS field observations done with ACS  $\sim 20$  years ago but since WFC3 has a smaller field of view, there are many more pointings (green outline in the figure below).

We would request that the imaging F160W observations be executed first. These observations will constitute a complete dataset on their own and the team can start on the science results with these data alone. Furthermore, the imaging is a prerequisite for analyzing the grism data. We additionally request that the imaging be executed in a sequence such that each contiguous area is completed (if possible) before starting on a new one rather than

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doing random visits from all over the mosaic. We suggest a sequence below.

The existing F160W observations cover 3 stripes, shown in gray-scale in the image above. The planned observations are shown with colored rectangles. The large rectangles designate the different contiguous areas. The green outline is the existing ACS data we are trying to match to.

We break down the remaining area into 7 columns. We tile each contiguous area at the same ORIENT so that there are no/fewer gaps between the images and the final mosaic has as few holes as possible (all interesting objects are either on the edge of the image or in the hole).

Column 1 consists of a sequence of 17 visits at ORIENT = 295. V1 through V17.

Column 2: top area 4 visits V68 - V71 ORIENT = 295

Column 2: bottom area 7 visits V84 - V90 ORIENT = 55

Column 3 consists of a sequence of 16 visits at ORIENT = 291. V18 through V33.

3 visits V91, V92, V93 to fill the side at ORIENT = 55

Column 4: topc area 3 visits V72 - V74 ORIENT = 291

Column 4: bottom area 3 visits V94 - V96 ORIENT = 55

Column 5 consists of a sequence of 17 visits at ORIENT = 296. V34 through V50.

Column 6: top area 2 visits V75, V76 ORIENT=295

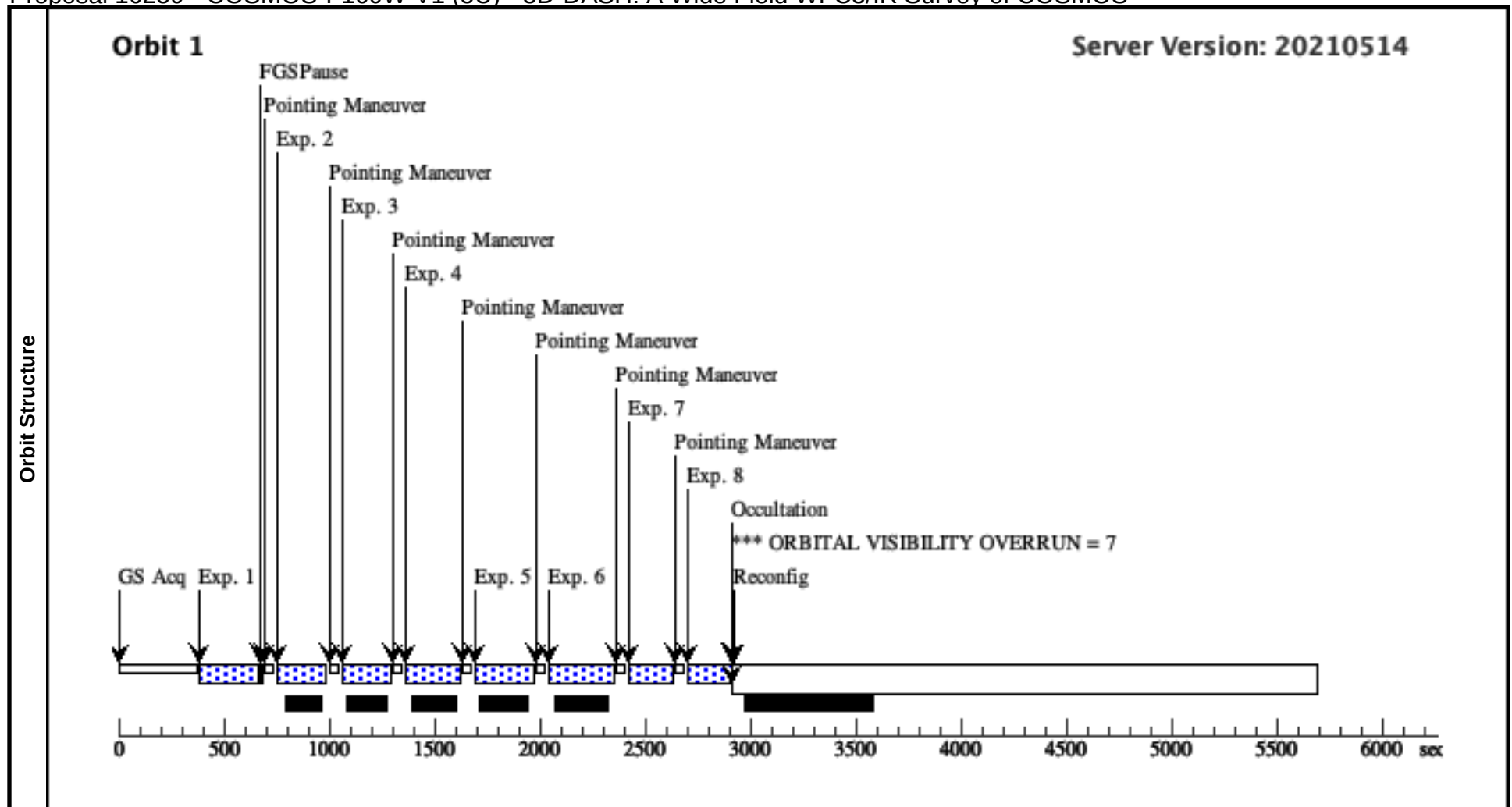
Column 6: bottom area 1 visit V83 ORIENT=295

Column 7 consists of a sequence of 17 visits at ORIENT = 296. V51 through V67

6 visits along the edge V77 - V82 ORIENT = 295

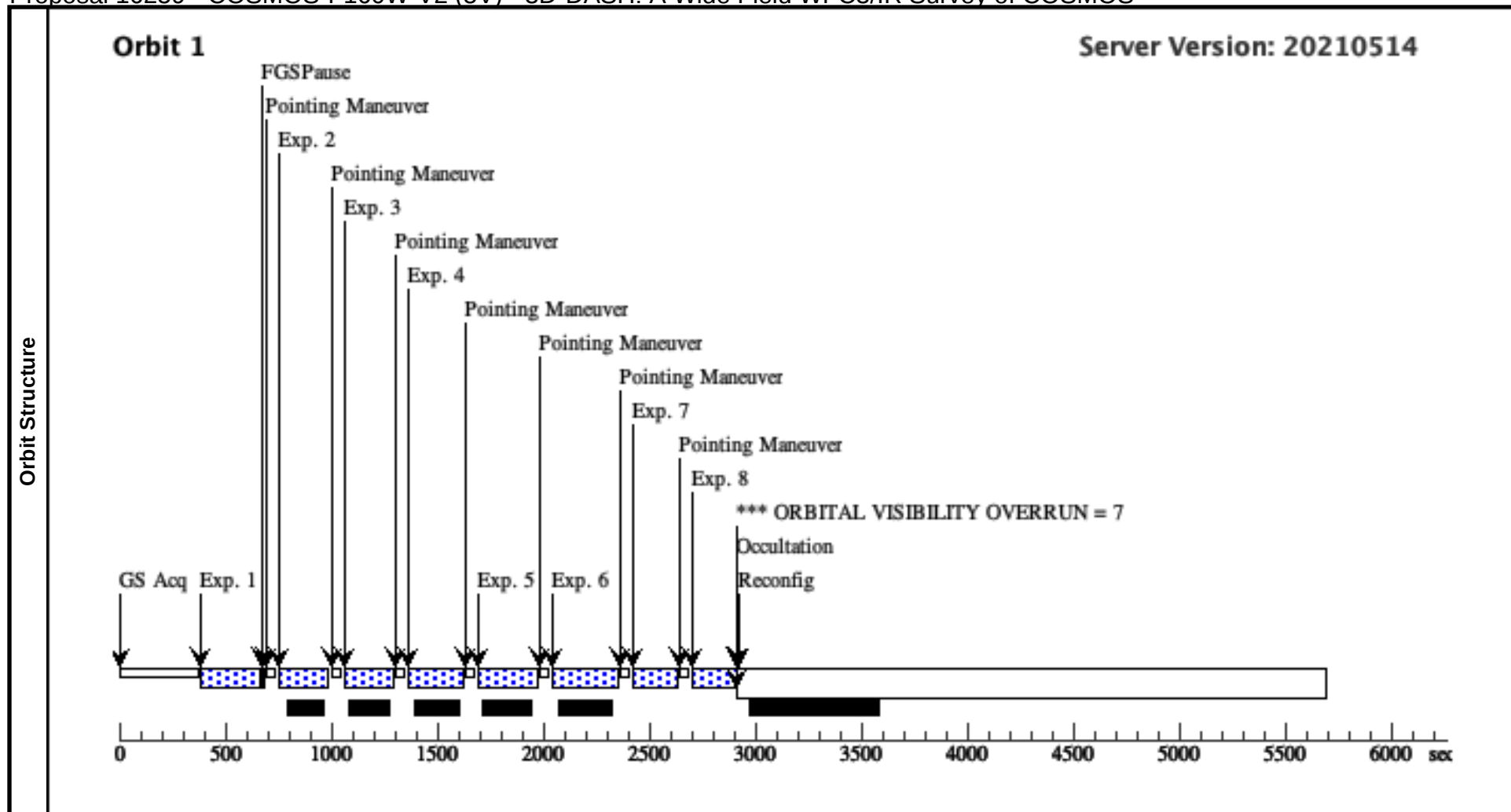
# Proposal 16259 - COSMOS-F160W-V1 (5U) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                |                                                                                    |                             |       |               |                                |  |                      |                                               |                                         |  |       |  |
|---------------|------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------|-----------------------------|-------|---------------|--------------------------------|--|----------------------|-----------------------------------------------|-----------------------------------------|--|-------|--|
| Visit         | Proposal 16259, COSMOS-F160W-V1 (5U), completed                                    |                |                                                                                    |                             |       |               |                                |  |                      |                                               | Wed Aug 25 21:02:40 GMT 2021            |  |       |  |
|               | Diagnostic Status: Warning                                                         |                |                                                                                    |                             |       |               |                                |  |                      |                                               |                                         |  |       |  |
|               | Scientific Instruments: WFC3/IR                                                    |                |                                                                                    |                             |       |               |                                |  |                      |                                               |                                         |  |       |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                |                                                                                    |                             |       |               |                                |  |                      |                                               |                                         |  |       |  |
| Diagnostics   | (COSMOS-F160W-V1 (5U)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN         |                |                                                                                    |                             |       |               |                                |  |                      |                                               |                                         |  |       |  |
|               | (COSMOS-F160W-V1 (5U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |       |               |                                |  |                      |                                               |                                         |  |       |  |
|               | (COSMOS-F160W-V1 (5U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |       |               |                                |  |                      |                                               |                                         |  |       |  |
|               | (COSMOS-F160W-V1 (5U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |       |               |                                |  |                      |                                               |                                         |  |       |  |
|               | (COSMOS-F160W-V1 (5U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |       |               |                                |  |                      |                                               |                                         |  |       |  |
|               | (COSMOS-F160W-V1 (5U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |       |               |                                |  |                      |                                               |                                         |  |       |  |
|               | (COSMOS-F160W-V1 (5U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |       |               |                                |  |                      |                                               |                                         |  |       |  |
|               | (COSMOS-F160W-V1 (5U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |       |               |                                |  |                      |                                               |                                         |  |       |  |
| Fixed Targets | #                                                                                  | Name           | Target Coordinates                                                                 |                             |       |               | Targ. Coord. Corrections       |  | Fluxes               |                                               | Miscellaneous                           |  |       |  |
|               | (1)                                                                                | COSMOS-F160W-1 | RA: 10 02 26.9075 (150.6121146d)<br>Dec: +02 46 25.31 (2.77370d)<br>Equinox: J2000 |                             |       |               |                                |  | V=25                 |                                               | Reference Frame: ICRS                   |  |       |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                |                                                                                    |                             |       |               |                                |  |                      |                                               |                                         |  |       |  |
|               |                                                                                    |                |                                                                                    |                             |       |               |                                |  |                      |                                               |                                         |  |       |  |
| Exposures     | #                                                                                  | Label          | Target                                                                             | Config,Mode,Aperture        |       | Spectral Els. | Opt. Params.                   |  | Special Reqs.        | Groups                                        | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |  |
|               | 1                                                                                  |                | (1) COSMOS-F160 W-1                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |               | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V1 (5U) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |  |
|               | 2                                                                                  |                | (1) COSMOS-F160 W-1                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |               | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V1 (5U) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|               | 3                                                                                  |                | (1) COSMOS-F160 W-1                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |               | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V1 (5U) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|               | 4                                                                                  |                | (1) COSMOS-F160 W-1                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |               | NSAMP=10;<br>SAMP-SEQ=SPAR S25 |  | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V1 (5U) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |  |
|               | 5                                                                                  |                | (1) COSMOS-F160 W-1                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |               | NSAMP=11;<br>SAMP-SEQ=SPAR S25 |  | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V1 (5U) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |  |
|               | 6                                                                                  |                | (1) COSMOS-F160 W-1                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |               | NSAMP=12;<br>SAMP-SEQ=SPAR S25 |  | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V1 (5U) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |  |
|               | 7                                                                                  |                | (1) COSMOS-F160 W-1                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |               | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V1 (5U) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |
|               | 8                                                                                  |                | (1) COSMOS-F160 W-1                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |               | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V1 (5U) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |



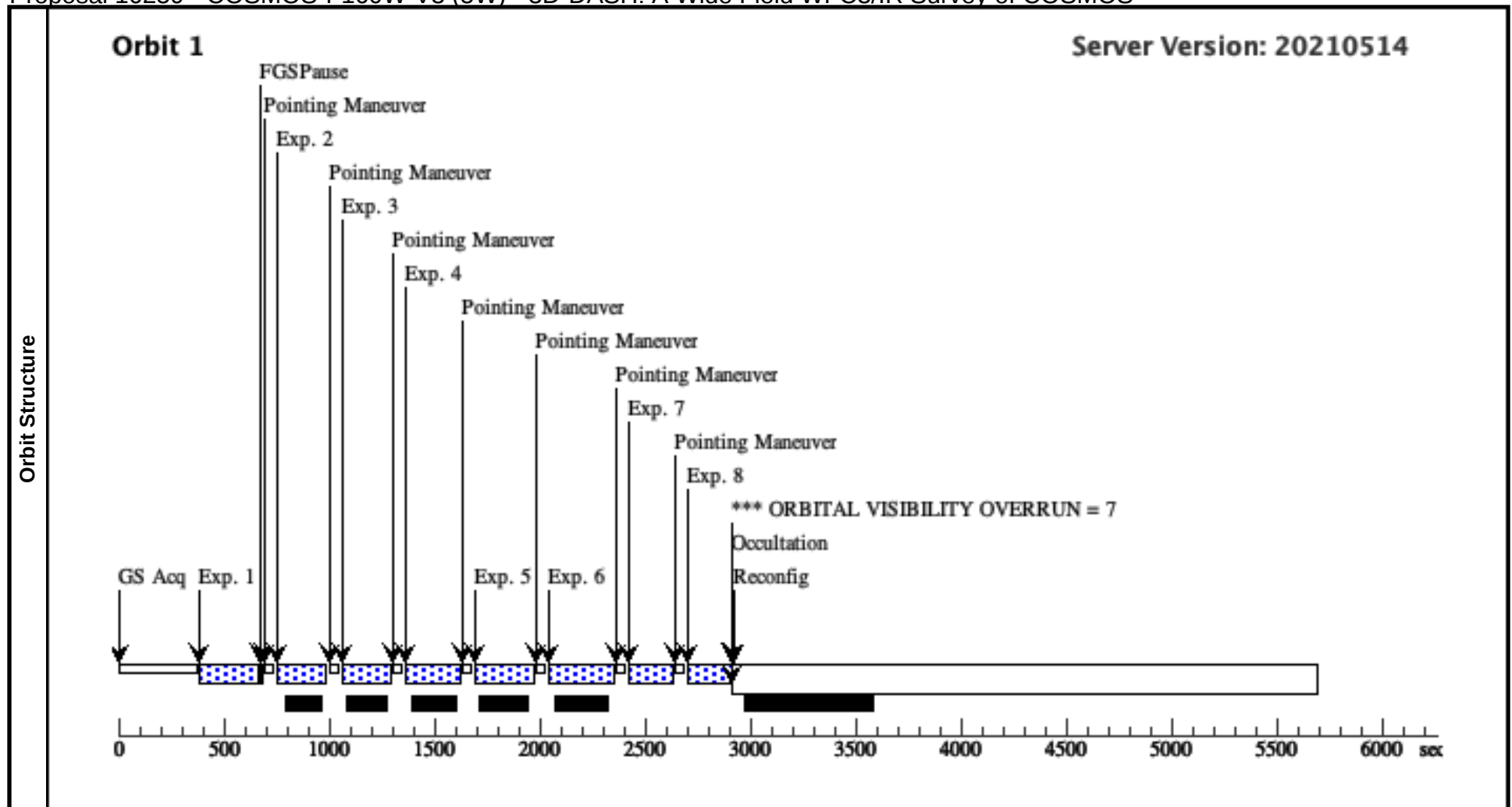
# Proposal 16259 - COSMOS-F160W-V2 (5V) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|----------------------|----------------------------------------------|-----------------------------------------|--|-------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V2 (5V), completed                                    |                |                                                                                    |                             |                          |                                |                      |                                              | Wed Aug 25 21:02:40 GMT 2021            |  |       |
|                                                                 | Diagnostic Status: Warning                                                         |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
| Diagnostics                                                     | (COSMOS-F160W-V2 (5V)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN         |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|                                                                 | (COSMOS-F160W-V2 (5V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|                                                                 | (COSMOS-F160W-V2 (5V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|                                                                 | (COSMOS-F160W-V2 (5V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|                                                                 | (COSMOS-F160W-V2 (5V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|                                                                 | (COSMOS-F160W-V2 (5V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|                                                                 | (COSMOS-F160W-V2 (5V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|                                                                 | (COSMOS-F160W-V2 (5V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
| Fixed Targets                                                   | #                                                                                  | Name           | Target Coordinates                                                                 |                             | Targ. Coord. Corrections |                                | Fluxes               |                                              | Miscellaneous                           |  |       |
|                                                                 | (2)                                                                                | COSMOS-F160W-2 | RA: 10 02 26.8587 (150.6119112d)<br>Dec: +02 42 15.72 (2.70437d)<br>Equinox: J2000 |                             |                          |                                | V=25                 |                                              | Reference Frame: ICRS                   |  |       |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
| Exposures                                                       | #                                                                                  | Label          | Target                                                                             | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.        | Groups                                       | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|                                                                 | 1                                                                                  |                | (2) COSMOS-F160W-2                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160W-V2 (5V) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|                                                                 | 2                                                                                  |                | (2) COSMOS-F160W-2                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V2 (5V) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 3                                                                                  |                | (2) COSMOS-F160W-2                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V2 (5V) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 4                                                                                  |                | (2) COSMOS-F160W-2                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V2 (5V) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|                                                                 | 5                                                                                  |                | (2) COSMOS-F160W-2                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160W-V2 (5V) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|                                                                 | 6                                                                                  |                | (2) COSMOS-F160W-2                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160W-V2 (5V) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|                                                                 | 7                                                                                  |                | (2) COSMOS-F160W-2                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160W-V2 (5V) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 8                                                                                  |                | (2) COSMOS-F160W-2                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160W-V2 (5V) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |



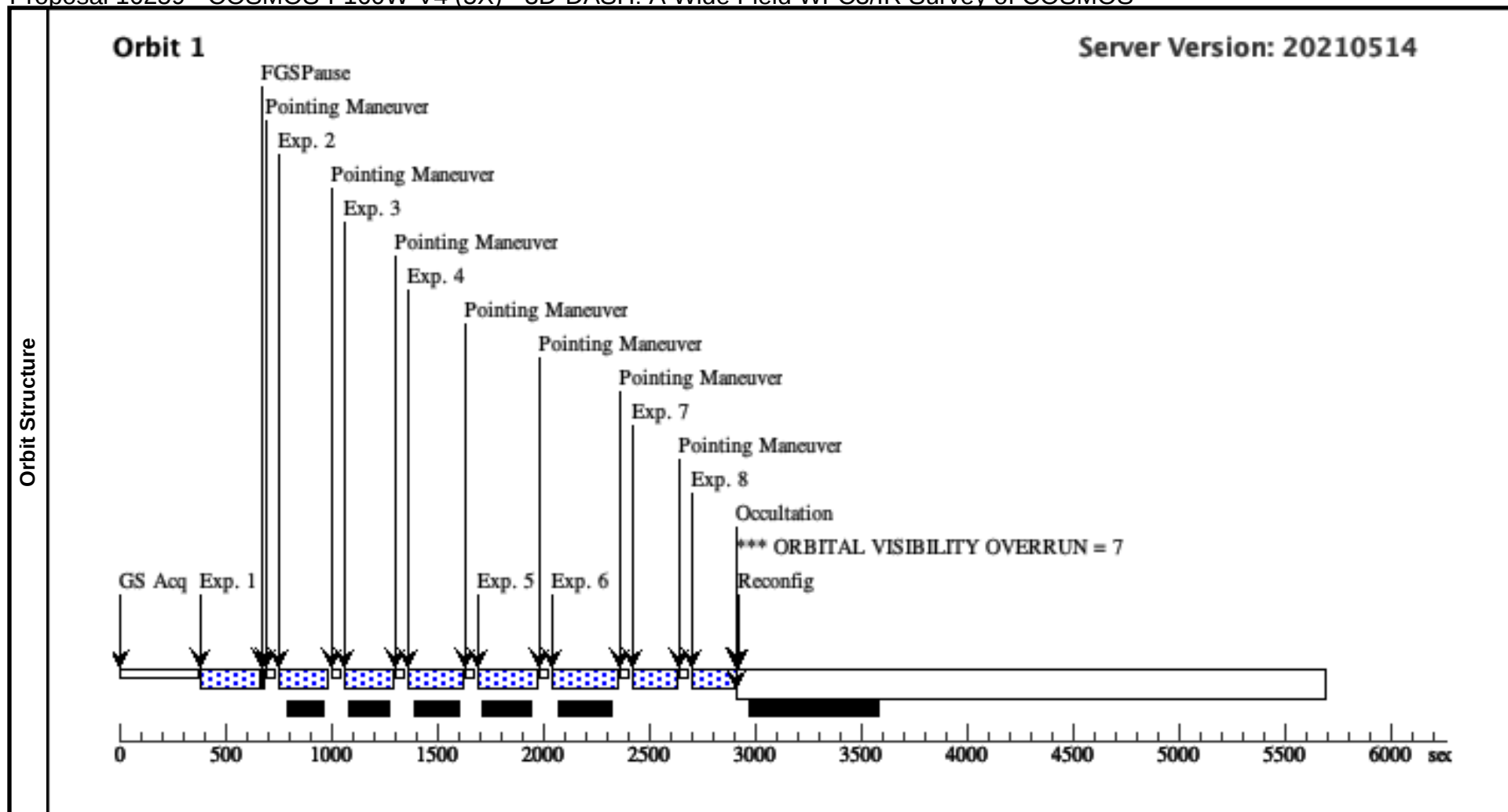
# Proposal 16259 - COSMOS-F160W-V3 (5W) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                |                                                                                   |                             |                          |                                |                      |                                               |                                         |  |       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|----------------------|-----------------------------------------------|-----------------------------------------|--|-------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V3 (5W), completed                                    |                |                                                                                   |                             |                          |                                |                      |                                               | Wed Aug 25 21:02:40 GMT 2021            |  |       |
|                                                                 | Diagnostic Status: Warning                                                         |                |                                                                                   |                             |                          |                                |                      |                                               |                                         |  |       |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                |                                                                                   |                             |                          |                                |                      |                                               |                                         |  |       |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                |                                                                                   |                             |                          |                                |                      |                                               |                                         |  |       |
| Diagnostics                                                     | (COSMOS-F160W-V3 (5W)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN         |                |                                                                                   |                             |                          |                                |                      |                                               |                                         |  |       |
|                                                                 | (COSMOS-F160W-V3 (5W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |                          |                                |                      |                                               |                                         |  |       |
|                                                                 | (COSMOS-F160W-V3 (5W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |                          |                                |                      |                                               |                                         |  |       |
|                                                                 | (COSMOS-F160W-V3 (5W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |                          |                                |                      |                                               |                                         |  |       |
|                                                                 | (COSMOS-F160W-V3 (5W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |                          |                                |                      |                                               |                                         |  |       |
|                                                                 | (COSMOS-F160W-V3 (5W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |                          |                                |                      |                                               |                                         |  |       |
|                                                                 | (COSMOS-F160W-V3 (5W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |                          |                                |                      |                                               |                                         |  |       |
|                                                                 | (COSMOS-F160W-V3 (5W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |                          |                                |                      |                                               |                                         |  |       |
| Fixed Targets                                                   | #                                                                                  | Name           | Target Coordinates                                                                |                             | Targ. Coord. Corrections |                                | Fluxes               |                                               | Miscellaneous                           |  |       |
|                                                                 | (3)                                                                                | COSMOS-F160W-3 | RA: 10 02 26.8099 (150.6117079d)<br>Dec: +02 38 6.12 (2.63503d)<br>Equinox: J2000 |                             |                          |                                | V=25                 |                                               | Reference Frame: ICRS                   |  |       |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                |                                                                                   |                             |                          |                                |                      |                                               |                                         |  |       |
| Exposures                                                       | #                                                                                  | Label          | Target                                                                            | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.        | Groups                                        | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|                                                                 | 1                                                                                  |                | (3) COSMOS-F160 W-3                                                               | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V3 (5W) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|                                                                 | 2                                                                                  |                | (3) COSMOS-F160 W-3                                                               | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V3 (5W) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 3                                                                                  |                | (3) COSMOS-F160 W-3                                                               | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V3 (5W) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 4                                                                                  |                | (3) COSMOS-F160 W-3                                                               | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V3 (5W) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|                                                                 | 5                                                                                  |                | (3) COSMOS-F160 W-3                                                               | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V3 (5W) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|                                                                 | 6                                                                                  |                | (3) COSMOS-F160 W-3                                                               | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V3 (5W) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|                                                                 | 7                                                                                  |                | (3) COSMOS-F160 W-3                                                               | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V3 (5W) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 8                                                                                  |                | (3) COSMOS-F160 W-3                                                               | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V3 (5W) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |



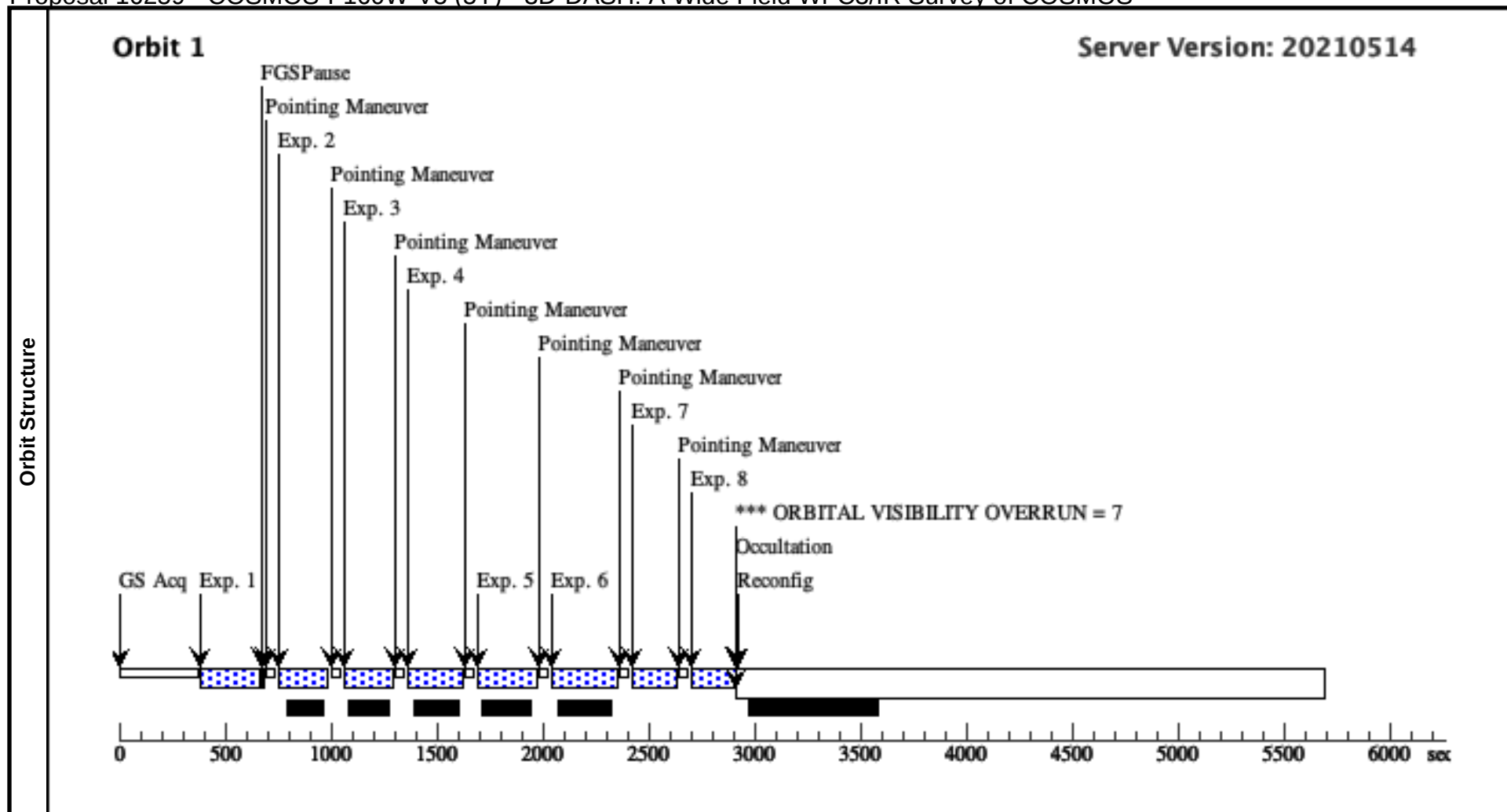
# Proposal 16259 - COSMOS-F160W-V4 (5X) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|---------------|------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|----------------------|----------------------------------------------|-----------------------------------------|--|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V4 (5X), completed                                    |                |                                                                                    |                             |                          |                                |                      |                                              | Wed Aug 25 21:02:40 GMT 2021            |  |       |
|               | Diagnostic Status: Warning                                                         |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|               | Scientific Instruments: WFC3/IR                                                    |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
| Diagnostics   | (COSMOS-F160W-V4 (5X)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN         |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|               | (COSMOS-F160W-V4 (5X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|               | (COSMOS-F160W-V4 (5X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|               | (COSMOS-F160W-V4 (5X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|               | (COSMOS-F160W-V4 (5X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|               | (COSMOS-F160W-V4 (5X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|               | (COSMOS-F160W-V4 (5X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
|               | (COSMOS-F160W-V4 (5X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
| Fixed Targets | #                                                                                  | Name           | Target Coordinates                                                                 |                             | Targ. Coord. Corrections |                                | Fluxes               |                                              | Miscellaneous                           |  |       |
|               | (4)                                                                                | COSMOS-F160W-4 | RA: 10 02 26.7612 (150.6115050d)<br>Dec: +02 33 56.53 (2.56570d)<br>Equinox: J2000 |                             |                          |                                | V=25                 |                                              | Reference Frame: ICRS                   |  |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                |                                                                                    |                             |                          |                                |                      |                                              |                                         |  |       |
| Exposures     | #                                                                                  | Label          | Target                                                                             | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.        | Groups                                       | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|               | 1                                                                                  |                | (4) COSMOS-F160W-4                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160W-V4 (5X) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|               | 2                                                                                  |                | (4) COSMOS-F160W-4                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V4 (5X) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 3                                                                                  |                | (4) COSMOS-F160W-4                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V4 (5X) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 4                                                                                  |                | (4) COSMOS-F160W-4                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V4 (5X) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|               | 5                                                                                  |                | (4) COSMOS-F160W-4                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160W-V4 (5X) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|               | 6                                                                                  |                | (4) COSMOS-F160W-4                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160W-V4 (5X) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|               | 7                                                                                  |                | (4) COSMOS-F160W-4                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160W-V4 (5X) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               | 8                                                                                  |                | (4) COSMOS-F160W-4                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160W-V4 (5X) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |



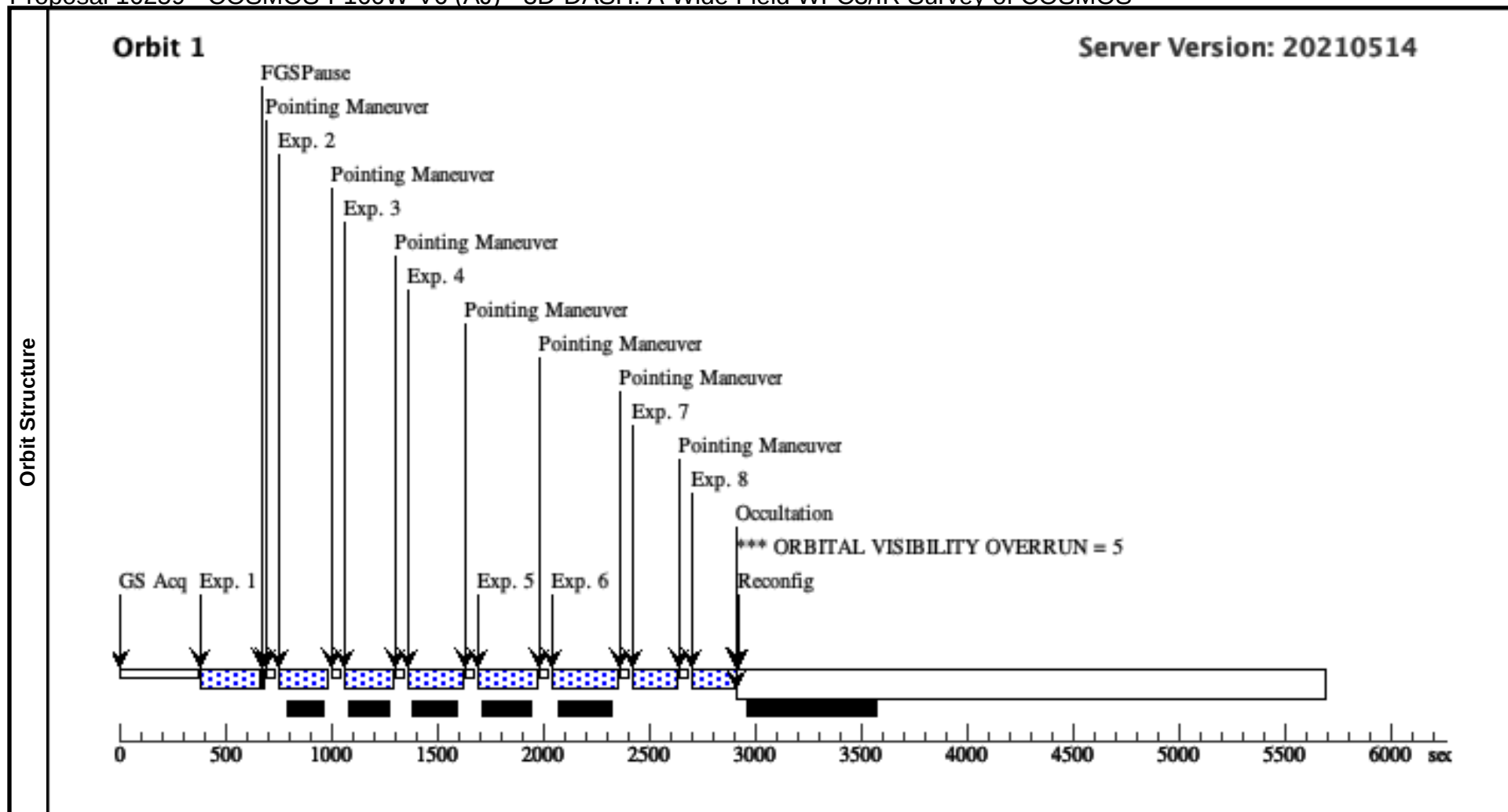
# Proposal 16259 - COSMOS-F160W-V5 (5Y) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                |                                                                                    |                             |                          |                                   |                      |                                              |                                         |  |       |
|---------------|------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------|-----------------------------------|----------------------|----------------------------------------------|-----------------------------------------|--|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V5 (5Y), completed                                    |                |                                                                                    |                             |                          |                                   |                      |                                              | Wed Aug 25 21:02:40 GMT 2021            |  |       |
|               | Diagnostic Status: Warning                                                         |                |                                                                                    |                             |                          |                                   |                      |                                              |                                         |  |       |
|               | Scientific Instruments: WFC3/IR                                                    |                |                                                                                    |                             |                          |                                   |                      |                                              |                                         |  |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                |                                                                                    |                             |                          |                                   |                      |                                              |                                         |  |       |
| Diagnostics   | (COSMOS-F160W-V5 (5Y)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN         |                |                                                                                    |                             |                          |                                   |                      |                                              |                                         |  |       |
|               | (COSMOS-F160W-V5 (5Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                   |                      |                                              |                                         |  |       |
|               | (COSMOS-F160W-V5 (5Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                   |                      |                                              |                                         |  |       |
|               | (COSMOS-F160W-V5 (5Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                   |                      |                                              |                                         |  |       |
|               | (COSMOS-F160W-V5 (5Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                   |                      |                                              |                                         |  |       |
|               | (COSMOS-F160W-V5 (5Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                   |                      |                                              |                                         |  |       |
|               | (COSMOS-F160W-V5 (5Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                   |                      |                                              |                                         |  |       |
|               | (COSMOS-F160W-V5 (5Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                    |                             |                          |                                   |                      |                                              |                                         |  |       |
| Fixed Targets | #                                                                                  | Name           | Target Coordinates                                                                 |                             | Targ. Coord. Corrections |                                   | Fluxes               |                                              | Miscellaneous                           |  |       |
|               | (5)                                                                                | COSMOS-F160W-5 | RA: 10 02 26.7124 (150.6113017d)<br>Dec: +02 29 46.93 (2.49637d)<br>Equinox: J2000 |                             |                          |                                   | V=25                 |                                              | Reference Frame: ICRS                   |  |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                |                                                                                    |                             |                          |                                   |                      |                                              |                                         |  |       |
| Exposures     | #                                                                                  | Label          | Target                                                                             | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                      | Special Reqs.        | Groups                                       | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|               | 1                                                                                  |                | (5) COSMOS-F160W-5                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR<br>S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160W-V5 (5Y) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|               | 2                                                                                  |                | (5) COSMOS-F160W-5                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V5 (5Y) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 3                                                                                  |                | (5) COSMOS-F160W-5                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V5 (5Y) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 4                                                                                  |                | (5) COSMOS-F160W-5                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V5 (5Y) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|               | 5                                                                                  |                | (5) COSMOS-F160W-5                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160W-V5 (5Y) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|               | 6                                                                                  |                | (5) COSMOS-F160W-5                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160W-V5 (5Y) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|               | 7                                                                                  |                | (5) COSMOS-F160W-5                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160W-V5 (5Y) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               | 8                                                                                  |                | (5) COSMOS-F160W-5                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160W-V5 (5Y) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |



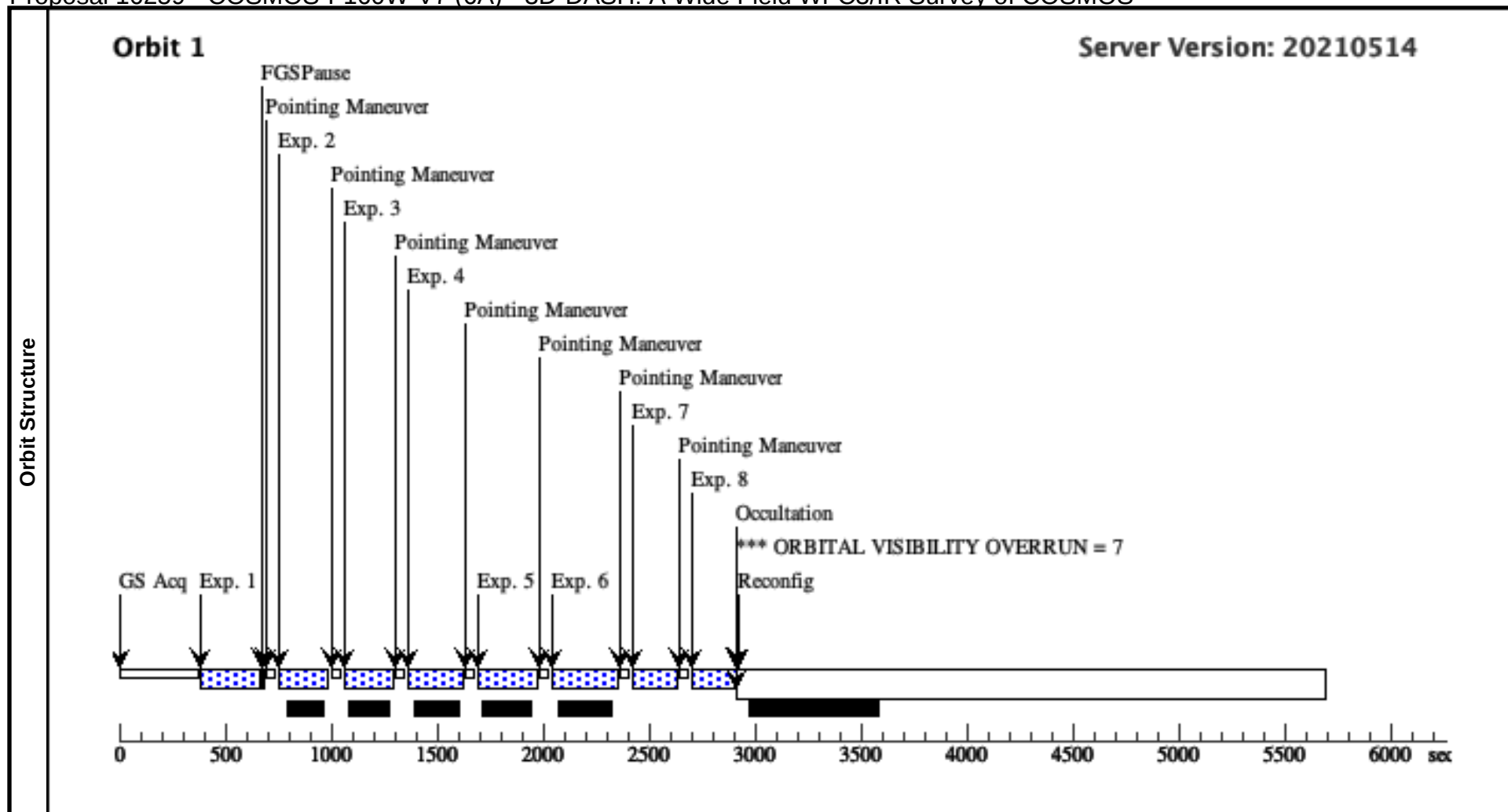
# Proposal 16259 - COSMOS-F160W-V6 (AJ) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                |                                                                                   |                             |       |                          |                                |  |                   |                                              |                                         |  |       |  |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------|-----------------------------|-------|--------------------------|--------------------------------|--|-------------------|----------------------------------------------|-----------------------------------------|--|-------|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V6 (AJ), scheduling                                   |                |                                                                                   |                             |       |                          |                                |  |                   |                                              | Wed Aug 25 21:02:41 GMT 2021            |  |       |  |
|                                                                 | Diagnostic Status: Warning                                                         |                |                                                                                   |                             |       |                          |                                |  |                   |                                              |                                         |  |       |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                |                                                                                   |                             |       |                          |                                |  |                   |                                              |                                         |  |       |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                |                                                                                   |                             |       |                          |                                |  |                   |                                              |                                         |  |       |  |
| Diagnostics                                                     | (COSMOS-F160W-V6 (AJ)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN         |                |                                                                                   |                             |       |                          |                                |  |                   |                                              |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V6 (AJ)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |       |                          |                                |  |                   |                                              |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V6 (AJ)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |       |                          |                                |  |                   |                                              |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V6 (AJ)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |       |                          |                                |  |                   |                                              |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V6 (AJ)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |       |                          |                                |  |                   |                                              |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V6 (AJ)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |       |                          |                                |  |                   |                                              |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V6 (AJ)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |       |                          |                                |  |                   |                                              |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V6 (AJ)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |       |                          |                                |  |                   |                                              |                                         |  |       |  |
| Fixed Targets                                                   | #                                                                                  | Name           | Target Coordinates                                                                |                             |       | Targ. Coord. Corrections |                                |  | Fluxes            |                                              | Miscellaneous                           |  |       |  |
|                                                                 | (6)                                                                                | COSMOS-F160W-6 | RA: 10 02 43.1900 (150.6799583d)<br>Dec: +02 27 9.13 (2.45254d)<br>Equinox: J2000 |                             |       |                          |                                |  | V=25              |                                              | Reference Frame: ICRS                   |  |       |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                |                                                                                   |                             |       |                          |                                |  |                   |                                              |                                         |  |       |  |
| Exposures                                                       | #                                                                                  | Label          | Target                                                                            | Config,Mode,Aperture        |       | Spectral Els.            | Opt. Params.                   |  | Special Reqs.     | Groups                                       | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |  |
|                                                                 | 1                                                                                  |                | (6) COSMOS-F160W-6                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |  |                   | Sequence 1-8 Non-Int in COSMOS-F160W-V6 (AJ) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 2                                                                                  |                | (6) COSMOS-F160W-6                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |  | POS TARG -132,0   | Sequence 1-8 Non-Int in COSMOS-F160W-V6 (AJ) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 3                                                                                  |                | (6) COSMOS-F160W-6                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |  | POS TARG -88,-117 | Sequence 1-8 Non-Int in COSMOS-F160W-V6 (AJ) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 4                                                                                  |                | (6) COSMOS-F160W-6                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 |  | POS TARG 43,-117  | Sequence 1-8 Non-Int in COSMOS-F160W-V6 (AJ) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 5                                                                                  |                | (6) COSMOS-F160W-6                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 |  | POS TARG 174,-117 | Sequence 1-8 Non-Int in COSMOS-F160W-V6 (AJ) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 6                                                                                  |                | (6) COSMOS-F160W-6                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=12;<br>SAMP-SEQ=SPAR S25 |  | POS TARG 308,-117 | Sequence 1-8 Non-Int in COSMOS-F160W-V6 (AJ) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 7                                                                                  |                | (6) COSMOS-F160W-6                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |  | POS TARG 264,0    | Sequence 1-8 Non-Int in COSMOS-F160W-V6 (AJ) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 8                                                                                  |                | (6) COSMOS-F160W-6                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |  | POS TARG 132,0    | Sequence 1-8 Non-Int in COSMOS-F160W-V6 (AJ) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |



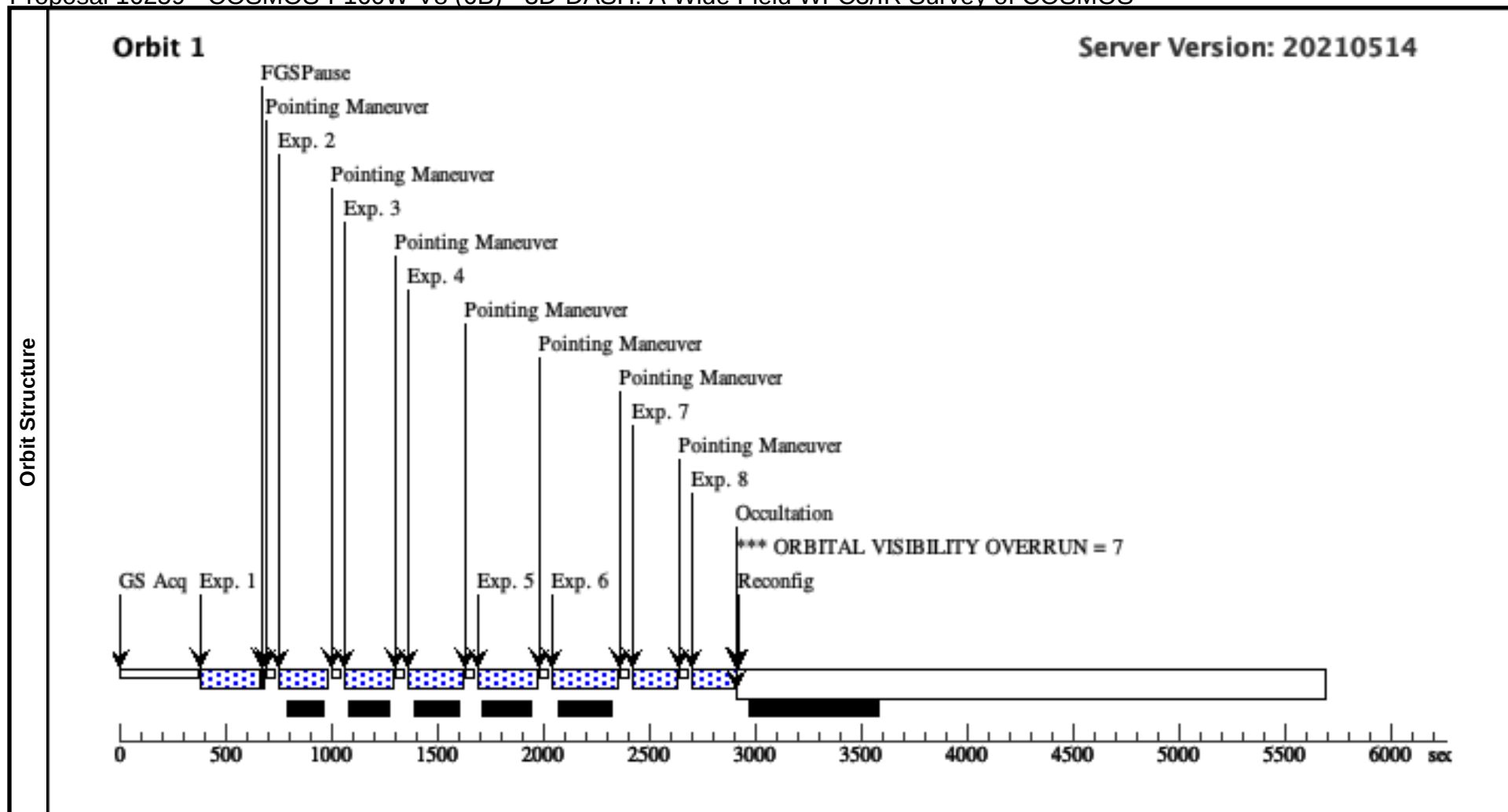
# Proposal 16259 - COSMOS-F160W-V7 (6A) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                |                                                                                                                                                           |                             |               |                                |                      |                                              |                                         |       |
|---------------|------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|----------------------|----------------------------------------------|-----------------------------------------|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V7 (6A), completed                                    |                |                                                                                                                                                           |                             |               | Wed Aug 25 21:02:41 GMT 2021   |                      |                                              |                                         |       |
|               | Diagnostic Status: Warning                                                         |                |                                                                                                                                                           |                             |               |                                |                      |                                              |                                         |       |
|               | Scientific Instruments: WFC3/IR                                                    |                |                                                                                                                                                           |                             |               |                                |                      |                                              |                                         |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                |                                                                                                                                                           |                             |               |                                |                      |                                              |                                         |       |
| Diagnostics   | (COSMOS-F160W-V7 (6A)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN         |                |                                                                                                                                                           |                             |               |                                |                      |                                              |                                         |       |
|               | (COSMOS-F160W-V7 (6A)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                                                                                           |                             |               |                                |                      |                                              |                                         |       |
|               | (COSMOS-F160W-V7 (6A)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                                                                                           |                             |               |                                |                      |                                              |                                         |       |
|               | (COSMOS-F160W-V7 (6A)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                                                                                           |                             |               |                                |                      |                                              |                                         |       |
|               | (COSMOS-F160W-V7 (6A)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                                                                                           |                             |               |                                |                      |                                              |                                         |       |
|               | (COSMOS-F160W-V7 (6A)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                                                                                           |                             |               |                                |                      |                                              |                                         |       |
|               | (COSMOS-F160W-V7 (6A)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                                                                                           |                             |               |                                |                      |                                              |                                         |       |
|               | (COSMOS-F160W-V7 (6A)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                                                                                           |                             |               |                                |                      |                                              |                                         |       |
| Fixed Targets | #                                                                                  | Name           | Target Coordinates                                                                                                                                        | Targ. Coord. Corrections    | Fluxes        | Miscellaneous                  |                      |                                              |                                         |       |
|               | (7)                                                                                | COSMOS-F160W-7 | RA: 10 02 26.6149 (150.6108954d)<br>Dec: +02 21 27.74 (2.35771d)<br>Equinox: J2000<br><br>Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                             | V=25          | Reference Frame: ICRS          |                      |                                              |                                         |       |
| Exposures     | #                                                                                  | Label          | Target                                                                                                                                                    | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.        | Groups                                       | Exp. Time (Total)/[Actual Dur.]         | Orbit |
|               | 1                                                                                  |                | (7) COSMOS-F160W-7                                                                                                                                        | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160W-V7 (6A) | 252.934546 Secs (252.935 Secs)<br>[==>] | [1]   |
|               | 2                                                                                  |                | (7) COSMOS-F160W-7                                                                                                                                        | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V7 (6A) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |
|               | 3                                                                                  |                | (7) COSMOS-F160W-7                                                                                                                                        | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V7 (6A) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |
|               | 4                                                                                  |                | (7) COSMOS-F160W-7                                                                                                                                        | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V7 (6A) | 227.936926 Secs (227.937 Secs)<br>[==>] | [1]   |
|               | 5                                                                                  |                | (7) COSMOS-F160W-7                                                                                                                                        | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160W-V7 (6A) | 252.937441 Secs (252.937 Secs)<br>[==>] | [1]   |
|               | 6                                                                                  |                | (7) COSMOS-F160W-7                                                                                                                                        | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160W-V7 (6A) | 277.937956 Secs (277.938 Secs)<br>[==>] | [1]   |
|               | 7                                                                                  |                | (7) COSMOS-F160W-7                                                                                                                                        | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160W-V7 (6A) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |
|               | 8                                                                                  |                | (7) COSMOS-F160W-7                                                                                                                                        | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160W-V7 (6A) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |



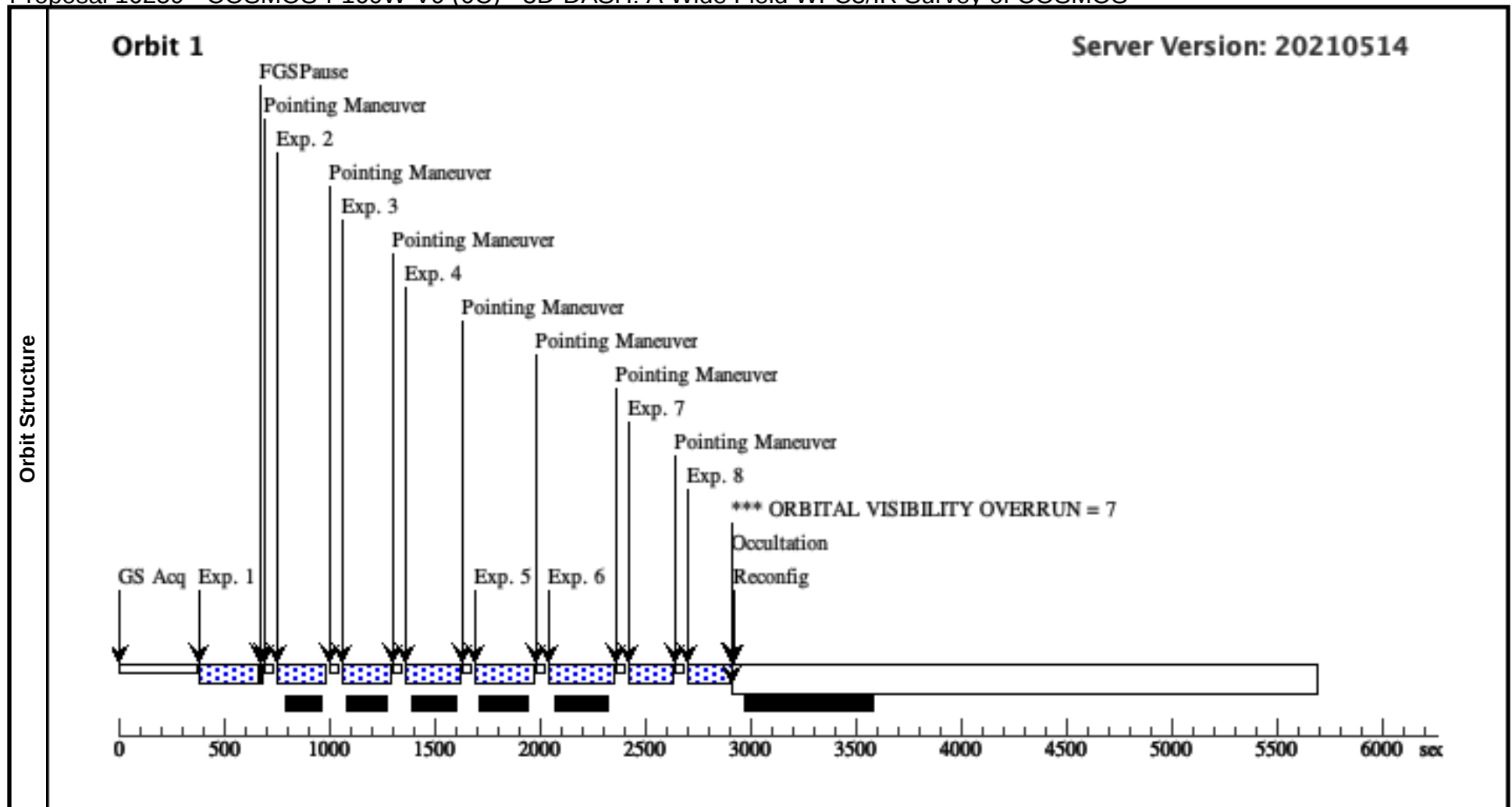
# Proposal 16259 - COSMOS-F160W-V8 (6B) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                    |                                                                                    |                             |                                |                                |                                              |                                              |                                 |     |       |
|---------------|------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|----------------------------------------------|----------------------------------------------|---------------------------------|-----|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V8 (6B), completed                                    |                    |                                                                                    |                             |                                |                                |                                              |                                              | Wed Aug 25 21:02:41 GMT 2021    |     |       |
|               | Diagnostic Status: Warning                                                         |                    |                                                                                    |                             |                                |                                |                                              |                                              |                                 |     |       |
|               | Scientific Instruments: WFC3/IR                                                    |                    |                                                                                    |                             |                                |                                |                                              |                                              |                                 |     |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                    |                                                                                    |                             |                                |                                |                                              |                                              |                                 |     |       |
| Diagnostics   | (COSMOS-F160W-V8 (6B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN         |                    |                                                                                    |                             |                                |                                |                                              |                                              |                                 |     |       |
|               | (COSMOS-F160W-V8 (6B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                    |                                                                                    |                             |                                |                                |                                              |                                              |                                 |     |       |
|               | (COSMOS-F160W-V8 (6B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                    |                                                                                    |                             |                                |                                |                                              |                                              |                                 |     |       |
|               | (COSMOS-F160W-V8 (6B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                    |                                                                                    |                             |                                |                                |                                              |                                              |                                 |     |       |
|               | (COSMOS-F160W-V8 (6B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                    |                                                                                    |                             |                                |                                |                                              |                                              |                                 |     |       |
|               | (COSMOS-F160W-V8 (6B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                    |                                                                                    |                             |                                |                                |                                              |                                              |                                 |     |       |
|               | (COSMOS-F160W-V8 (6B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                    |                                                                                    |                             |                                |                                |                                              |                                              |                                 |     |       |
|               | (COSMOS-F160W-V8 (6B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                    |                                                                                    |                             |                                |                                |                                              |                                              |                                 |     |       |
| Fixed Targets | #                                                                                  | Name               | Target Coordinates                                                                 |                             | Targ. Coord. Corrections       |                                | Fluxes                                       |                                              | Miscellaneous                   |     |       |
|               | (8)                                                                                | COSMOS-F160W-8     | RA: 10 02 26.5661 (150.6106921d)<br>Dec: +02 17 18.15 (2.28837d)<br>Equinox: J2000 |                             |                                |                                | V=25                                         |                                              | Reference Frame: ICRS           |     |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                    |                                                                                    |                             |                                |                                |                                              |                                              |                                 |     |       |
| Exposures     | #                                                                                  | Label              | Target                                                                             | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                | Groups                                       | Exp. Time (Total)/[Actual Dur.] |     | Orbit |
|               | 1                                                                                  |                    | (8) COSMOS-F160W-8                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                              | Sequence 1-8 Non-Int in COSMOS-F160W-V8 (6B) | 252.934546 Secs (252.935 Secs)  |     |       |
|               |                                                                                    |                    |                                                                                    |                             |                                |                                |                                              |                                              | [==>]                           |     | [1]   |
|               | 2                                                                                  |                    | (8) COSMOS-F160W-8                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0                              | Sequence 1-8 Non-Int in COSMOS-F160W-V8 (6B) | 202.936411 Secs (202.936 Secs)  |     |       |
|               |                                                                                    |                    |                                                                                    |                             |                                |                                |                                              |                                              | [==>]                           |     | [1]   |
|               | 3                                                                                  |                    | (8) COSMOS-F160W-8                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0                              | Sequence 1-8 Non-Int in COSMOS-F160W-V8 (6B) | 202.936411 Secs (202.936 Secs)  |     |       |
|               |                                                                                    |                    |                                                                                    |                             |                                |                                |                                              |                                              | [==>]                           |     | [1]   |
|               | 4                                                                                  |                    | (8) COSMOS-F160W-8                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0                              | Sequence 1-8 Non-Int in COSMOS-F160W-V8 (6B) | 227.936926 Secs (227.937 Secs)  |     |       |
|               |                                                                                    |                    |                                                                                    |                             |                                |                                |                                              |                                              | [==>]                           |     | [1]   |
|               | 5                                                                                  |                    | (8) COSMOS-F160W-8                                                                 | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117                         | Sequence 1-8 Non-Int in COSMOS-F160W-V8 (6B) | 252.937441 Secs (252.937 Secs)  |     |       |
|               |                                                                                    |                    |                                                                                    |                             |                                |                                |                                              | [==>]                                        |                                 | [1] |       |
| 6             |                                                                                    | (8) COSMOS-F160W-8 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117           | Sequence 1-8 Non-Int in COSMOS-F160W-V8 (6B) | 277.937956 Secs (277.938 Secs)               |                                 |     |       |
|               |                                                                                    |                    |                                                                                    |                             |                                |                                |                                              | [==>]                                        |                                 | [1] |       |
| 7             |                                                                                    | (8) COSMOS-F160W-8 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117              | Sequence 1-8 Non-Int in COSMOS-F160W-V8 (6B) | 177.935896 Secs (177.936 Secs)               |                                 |     |       |
|               |                                                                                    |                    |                                                                                    |                             |                                |                                |                                              | [==>]                                        |                                 | [1] |       |
| 8             |                                                                                    | (8) COSMOS-F160W-8 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117             | Sequence 1-8 Non-Int in COSMOS-F160W-V8 (6B) | 177.935896 Secs (177.936 Secs)               |                                 |     |       |
|               |                                                                                    |                    |                                                                                    |                             |                                |                                |                                              | [==>]                                        |                                 | [1] |       |



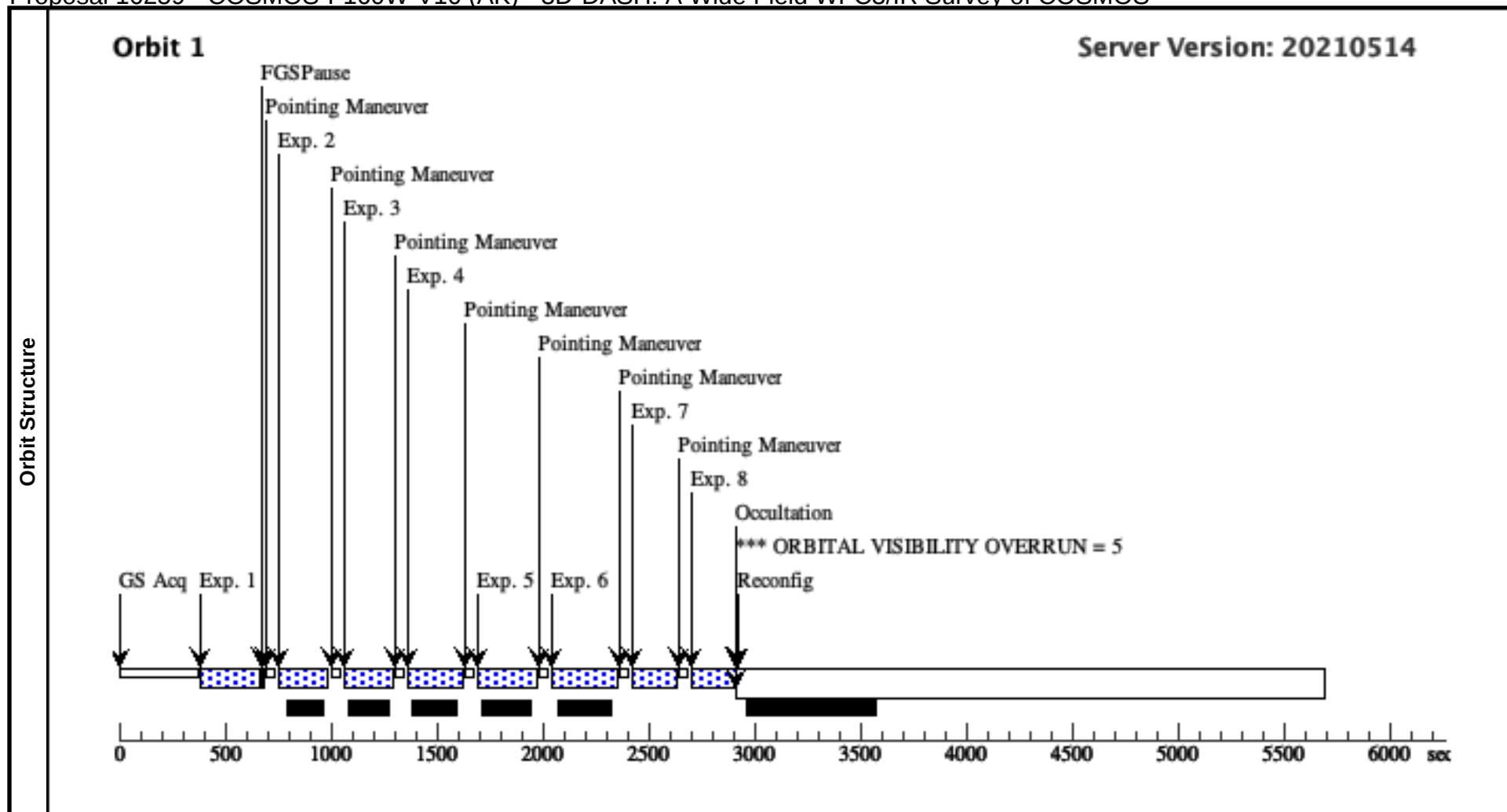
# Proposal 16259 - COSMOS-F160W-V9 (6C) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                |                                                                                   |                             |                          |                                   |                      |                                              |                                         |  |       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------|-----------------------------|--------------------------|-----------------------------------|----------------------|----------------------------------------------|-----------------------------------------|--|-------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V9 (6C), completed                                    |                |                                                                                   |                             |                          |                                   |                      |                                              | Wed Aug 25 21:02:41 GMT 2021            |  |       |
|                                                                 | Diagnostic Status: Warning                                                         |                |                                                                                   |                             |                          |                                   |                      |                                              |                                         |  |       |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                |                                                                                   |                             |                          |                                   |                      |                                              |                                         |  |       |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                |                                                                                   |                             |                          |                                   |                      |                                              |                                         |  |       |
| Diagnostics                                                     | (COSMOS-F160W-V9 (6C)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN         |                |                                                                                   |                             |                          |                                   |                      |                                              |                                         |  |       |
|                                                                 | (COSMOS-F160W-V9 (6C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |                          |                                   |                      |                                              |                                         |  |       |
|                                                                 | (COSMOS-F160W-V9 (6C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |                          |                                   |                      |                                              |                                         |  |       |
|                                                                 | (COSMOS-F160W-V9 (6C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |                          |                                   |                      |                                              |                                         |  |       |
|                                                                 | (COSMOS-F160W-V9 (6C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |                          |                                   |                      |                                              |                                         |  |       |
|                                                                 | (COSMOS-F160W-V9 (6C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |                          |                                   |                      |                                              |                                         |  |       |
|                                                                 | (COSMOS-F160W-V9 (6C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |                          |                                   |                      |                                              |                                         |  |       |
|                                                                 | (COSMOS-F160W-V9 (6C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE       |                |                                                                                   |                             |                          |                                   |                      |                                              |                                         |  |       |
| Fixed Targets                                                   | #                                                                                  | Name           | Target Coordinates                                                                |                             | Targ. Coord. Corrections |                                   | Fluxes               |                                              | Miscellaneous                           |  |       |
|                                                                 | (9)                                                                                | COSMOS-F160W-9 | RA: 10 02 26.5174 (150.6104892d)<br>Dec: +02 13 8.55 (2.21904d)<br>Equinox: J2000 |                             |                          |                                   | V=25                 |                                              | Reference Frame: ICRS                   |  |       |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                |                                                                                   |                             |                          |                                   |                      |                                              |                                         |  |       |
| Exposures                                                       | #                                                                                  | Label          | Target                                                                            | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                      | Special Reqs.        | Groups                                       | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|                                                                 | 1                                                                                  |                | (9) COSMOS-F160W-9                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR<br>S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160W-V9 (6C) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|                                                                 | 2                                                                                  |                | (9) COSMOS-F160W-9                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V9 (6C) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 3                                                                                  |                | (9) COSMOS-F160W-9                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V9 (6C) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 4                                                                                  |                | (9) COSMOS-F160W-9                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160W-V9 (6C) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|                                                                 | 5                                                                                  |                | (9) COSMOS-F160W-9                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160W-V9 (6C) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|                                                                 | 6                                                                                  |                | (9) COSMOS-F160W-9                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160W-V9 (6C) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|                                                                 | 7                                                                                  |                | (9) COSMOS-F160W-9                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160W-V9 (6C) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 8                                                                                  |                | (9) COSMOS-F160W-9                                                                | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160W-V9 (6C) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |



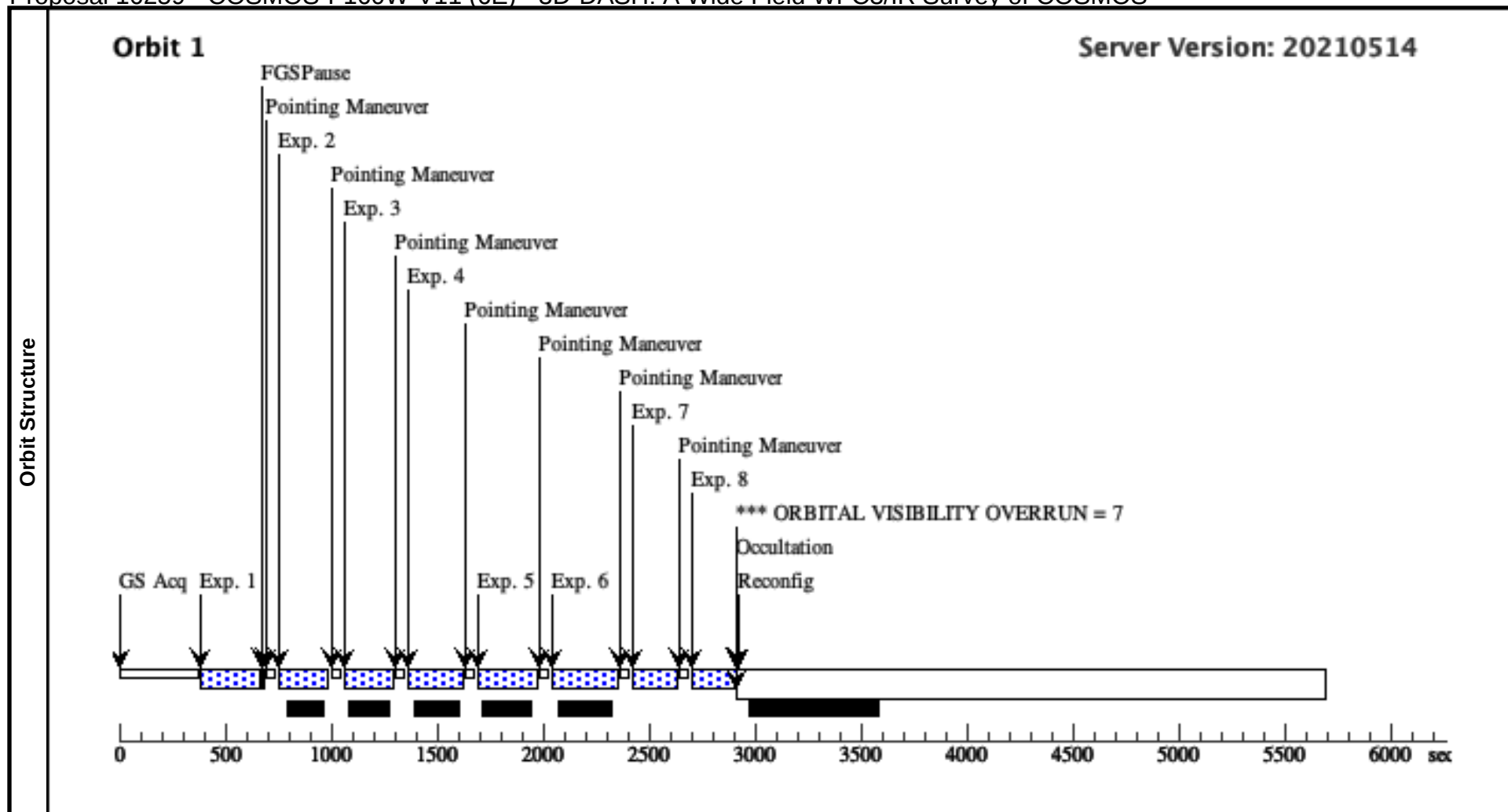
# Proposal 16259 - COSMOS-F160W-V10 (AK) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |
|---------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|-------------------|------------------------------------------------|-----------------------------------------|--|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V10 (AK), scheduling                                  |                 |                                                                                    |                             |                          |                                |                   |                                                | Wed Aug 25 21:02:41 GMT 2021            |  |       |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |
| Diagnostics   | (COSMOS-F160W-V10 (AK)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |
|               | (COSMOS-F160W-V10 (AK)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |
|               | (COSMOS-F160W-V10 (AK)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |
|               | (COSMOS-F160W-V10 (AK)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |
|               | (COSMOS-F160W-V10 (AK)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |
|               | (COSMOS-F160W-V10 (AK)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |
|               | (COSMOS-F160W-V10 (AK)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |
|               | (COSMOS-F160W-V10 (AK)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                 |                             | Targ. Coord. Corrections |                                | Fluxes            |                                                | Miscellaneous                           |  |       |
|               | (10)                                                                               | COSMOS-F160W-10 | RA: 10 02 42.9950 (150.6791458d)<br>Dec: +02 10 30.75 (2.17521d)<br>Equinox: J2000 |                             |                          |                                | V=25              |                                                | Reference Frame: ICRS                   |  |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |
|               |                                                                                    |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |
| Exposures     | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.     | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|               | 1                                                                                  |                 | (10) COSMOS-F160 W-10                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                   | Sequence 1-8 Non-Int in COSMOS-F160 W-V10 (AK) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|               | 2                                                                                  |                 | (10) COSMOS-F160 W-10                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0   | Sequence 1-8 Non-Int in COSMOS-F160 W-V10 (AK) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 3                                                                                  |                 | (10) COSMOS-F160 W-10                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V10 (AK) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 4                                                                                  |                 | (10) COSMOS-F160 W-10                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 43,-117  | Sequence 1-8 Non-Int in COSMOS-F160 W-V10 (AK) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|               | 5                                                                                  |                 | (10) COSMOS-F160 W-10                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 174,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V10 (AK) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|               | 6                                                                                  |                 | (10) COSMOS-F160 W-10                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 308,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V10 (AK) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|               | 7                                                                                  |                 | (10) COSMOS-F160 W-10                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 264,0    | Sequence 1-8 Non-Int in COSMOS-F160 W-V10 (AK) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               | 8                                                                                  |                 | (10) COSMOS-F160 W-10                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 132,0    | Sequence 1-8 Non-Int in COSMOS-F160 W-V10 (AK) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               |                                                                                    |                 |                                                                                    |                             |                          |                                |                   |                                                |                                         |  |       |



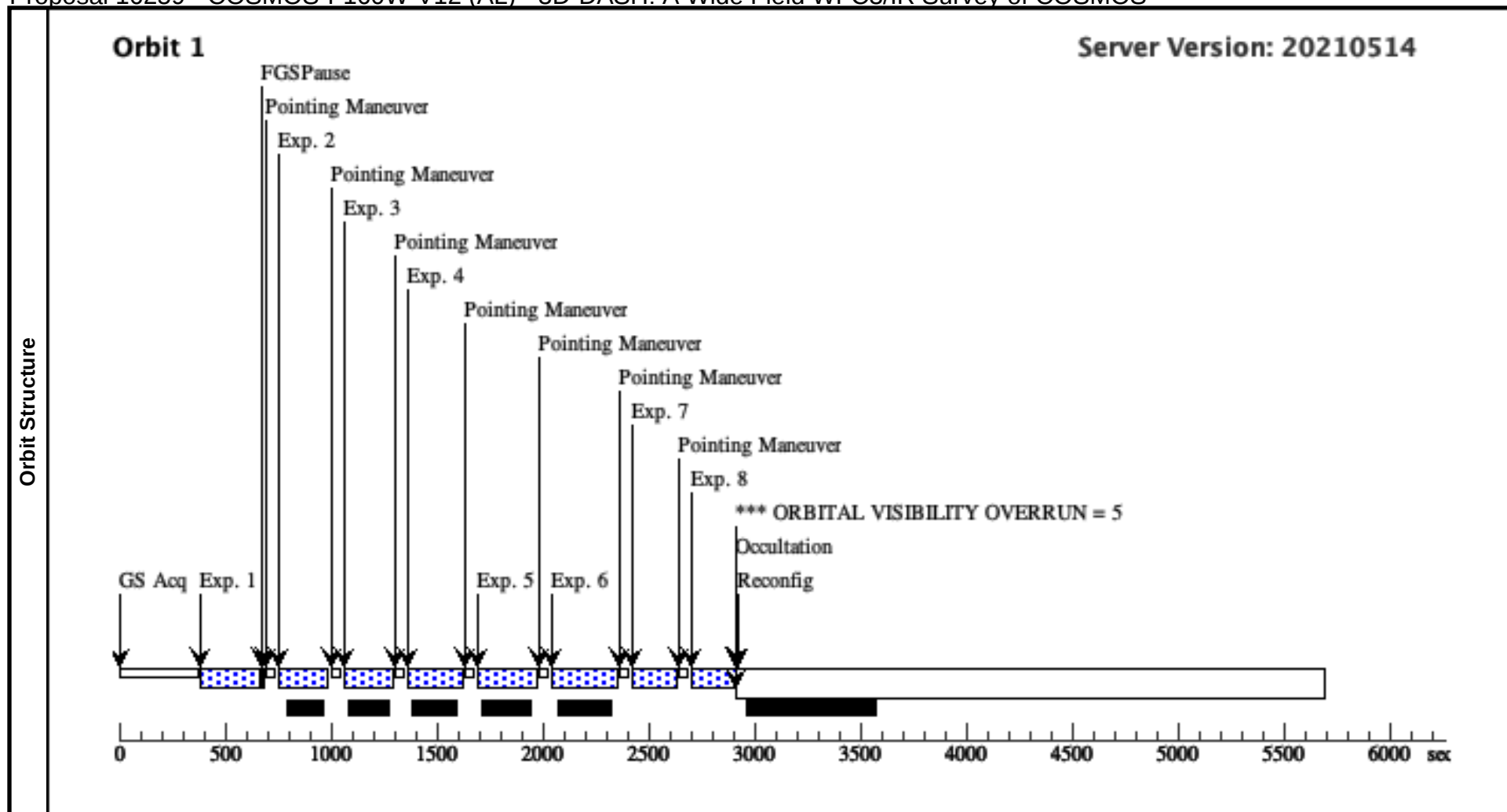
# Proposal 16259 - COSMOS-F160W-V11 (6E) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------|-----------------------------|-------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|------------------------------|-------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V11 (6E), completed                                   |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 | Wed Aug 25 21:02:41 GMT 2021 |       |
|                                                                 | Diagnostic Status: Warning                                                         |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |
| Diagnostics                                                     | (COSMOS-F160W-V11 (6E)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |
|                                                                 | (COSMOS-F160W-V11 (6E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |
|                                                                 | (COSMOS-F160W-V11 (6E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |
|                                                                 | (COSMOS-F160W-V11 (6E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |
|                                                                 | (COSMOS-F160W-V11 (6E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |
|                                                                 | (COSMOS-F160W-V11 (6E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |
|                                                                 | (COSMOS-F160W-V11 (6E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |
|                                                                 | (COSMOS-F160W-V11 (6E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |
| Fixed Targets                                                   | #                                                                                  | Name                  | Target Coordinates                                                                 |                             |       | Targ. Coord. Corrections       |                                | Fluxes                                         |                                                | Miscellaneous                   |                              |       |
|                                                                 | (11)                                                                               | COSMOS-F160W-11       | RA: 10 02 26.4199 (150.6100829d)<br>Dec: +02 04 49.36 (2.08038d)<br>Equinox: J2000 |                             |       |                                |                                | V=25                                           |                                                | Reference Frame: ICRS           |                              |       |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |
| Exposures                                                       | #                                                                                  | Label                 | Target                                                                             | Config,Mode,Aperture        |       | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |                              | Orbit |
|                                                                 | 1                                                                                  |                       | (11) COSMOS-F160 W-11                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V11 (6E) | 252.934546 Secs (252.935 Secs)  |                              |       |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                |                                                | [==>]                           | [1]                          |       |
|                                                                 | 2                                                                                  |                       | (11) COSMOS-F160 W-11                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V11 (6E) | 202.936411 Secs (202.936 Secs)  |                              |       |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                |                                                | [==>]                           | [1]                          |       |
|                                                                 | 3                                                                                  |                       | (11) COSMOS-F160 W-11                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V11 (6E) | 202.936411 Secs (202.936 Secs)  |                              |       |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                |                                                | [==>]                           | [1]                          |       |
|                                                                 | 4                                                                                  |                       | (11) COSMOS-F160 W-11                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V11 (6E) | 227.936926 Secs (227.937 Secs)  |                              |       |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                |                                                | [==>]                           | [1]                          |       |
|                                                                 | 5                                                                                  |                       | (11) COSMOS-F160 W-11                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V11 (6E) | 252.937441 Secs (252.937 Secs)  |                              |       |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                | [==>]                                          | [1]                             |                              |       |
| 6                                                               |                                                                                    | (11) COSMOS-F160 W-11 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       |       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117           | Sequence 1-8 Non-Int in COSMOS-F160 W-V11 (6E) | 277.937956 Secs (277.938 Secs)                 |                                 |                              |       |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                | [==>]                                          | [1]                             |                              |       |
| 7                                                               |                                                                                    | (11) COSMOS-F160 W-11 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       |       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117              | Sequence 1-8 Non-Int in COSMOS-F160 W-V11 (6E) | 177.935896 Secs (177.936 Secs)                 |                                 |                              |       |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                | [==>]                                          | [1]                             |                              |       |
| 8                                                               |                                                                                    | (11) COSMOS-F160 W-11 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       |       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117             | Sequence 1-8 Non-Int in COSMOS-F160 W-V11 (6E) | 177.935896 Secs (177.936 Secs)                 |                                 |                              |       |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                | [==>]                                          | [1]                             |                              |       |



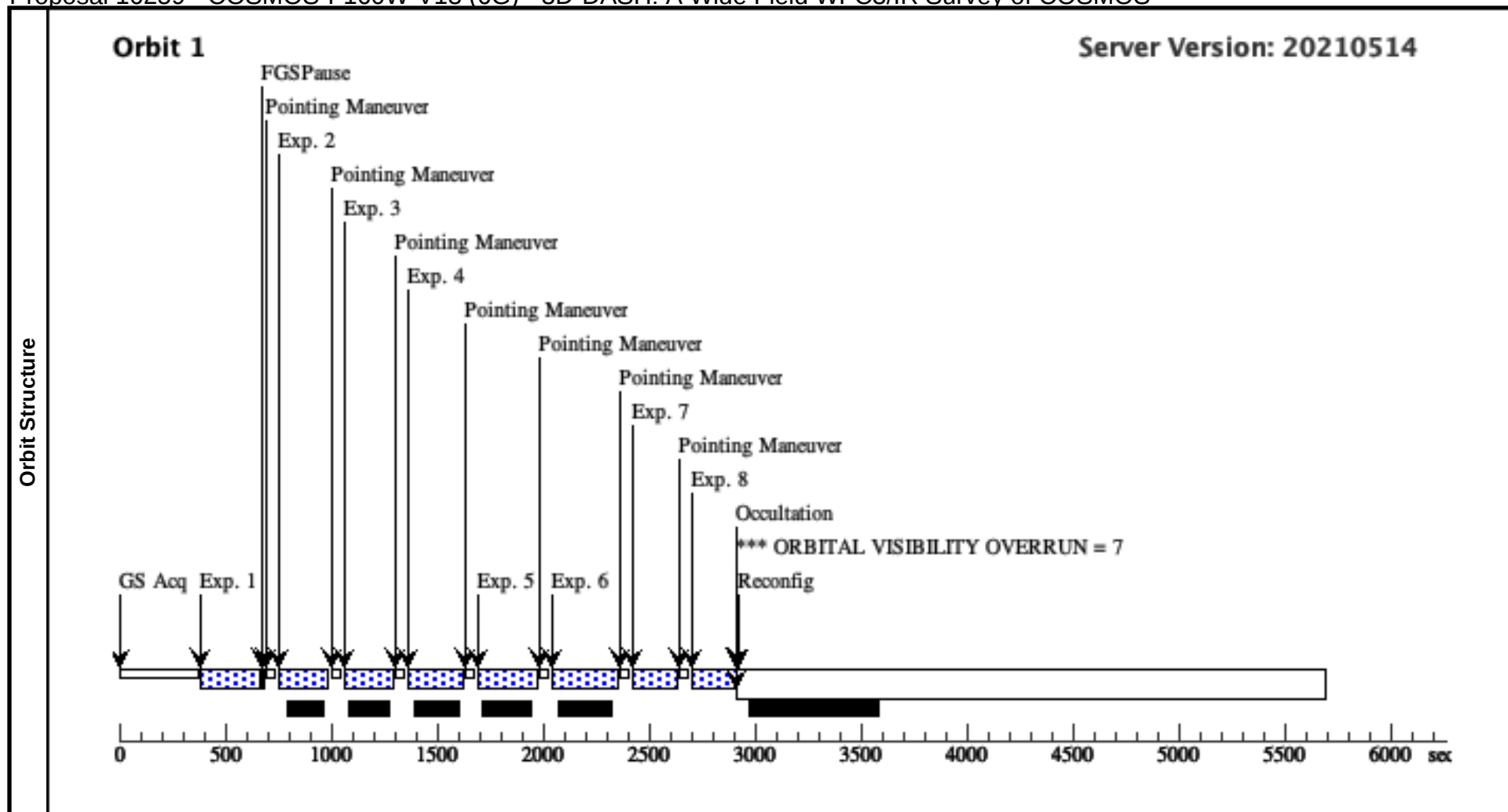
# Proposal 16259 - COSMOS-F160W-V12 (AL) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         |                              |       |
|---------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|--|--------------------------|-----------------------------------|-------------------|------------------------------------------------|-----------------------------------------|------------------------------|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V12 (AL), scheduling                                  |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         | Wed Aug 25 21:02:41 GMT 2021 |       |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         |                              |       |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         |                              |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         |                              |       |
| Diagnostics   | (COSMOS-F160W-V12 (AL)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V12 (AL)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V12 (AL)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V12 (AL)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V12 (AL)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V12 (AL)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V12 (AL)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V12 (AL)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         |                              |       |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                 |                             |  | Targ. Coord. Corrections |                                   | Fluxes            |                                                | Miscellaneous                           |                              |       |
|               | (12)                                                                               | COSMOS-F160W-12 | RA: 10 02 42.8976 (150.6787400d)<br>Dec: +02 02 11.56 (2.03654d)<br>Equinox: J2000 |                             |  |                          |                                   | V=25              |                                                | Reference Frame: ICRS                   |                              |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         |                              |       |
|               |                                                                                    |                 |                                                                                    |                             |  |                          |                                   |                   |                                                |                                         |                              |       |
| Exposures     | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        |  | Spectral Els.            | Opt. Params.                      | Special Reqs.     | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                              | Orbit |
|               | 1                                                                                  |                 | (12) COSMOS-F160 W-12                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR<br>S50  |                   | Sequence 1-8 Non-Int in COSMOS-F160 W-V12 (AL) | 252.934546 Secs (252.935 Secs)<br>[==>] |                              | [1]   |
|               | 2                                                                                  |                 | (12) COSMOS-F160 W-12                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG -132,0   | Sequence 1-8 Non-Int in COSMOS-F160 W-V12 (AL) | 202.936411 Secs (202.936 Secs)<br>[==>] |                              | [1]   |
|               | 3                                                                                  |                 | (12) COSMOS-F160 W-12                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG -88,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V12 (AL) | 202.936411 Secs (202.936 Secs)<br>[==>] |                              | [1]   |
|               | 4                                                                                  |                 | (12) COSMOS-F160 W-12                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG 43,-117  | Sequence 1-8 Non-Int in COSMOS-F160 W-V12 (AL) | 227.936926 Secs (227.937 Secs)<br>[==>] |                              | [1]   |
|               | 5                                                                                  |                 | (12) COSMOS-F160 W-12                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG 174,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V12 (AL) | 252.937441 Secs (252.937 Secs)<br>[==>] |                              | [1]   |
|               | 6                                                                                  |                 | (12) COSMOS-F160 W-12                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG 308,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V12 (AL) | 277.937956 Secs (277.938 Secs)<br>[==>] |                              | [1]   |
|               | 7                                                                                  |                 | (12) COSMOS-F160 W-12                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG 264,0    | Sequence 1-8 Non-Int in COSMOS-F160 W-V12 (AL) | 177.935896 Secs (177.936 Secs)<br>[==>] |                              | [1]   |
|               | 8                                                                                  |                 | (12) COSMOS-F160 W-12                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG 132,0    | Sequence 1-8 Non-Int in COSMOS-F160 W-V12 (AL) | 177.935896 Secs (177.936 Secs)<br>[==>] |                              | [1]   |



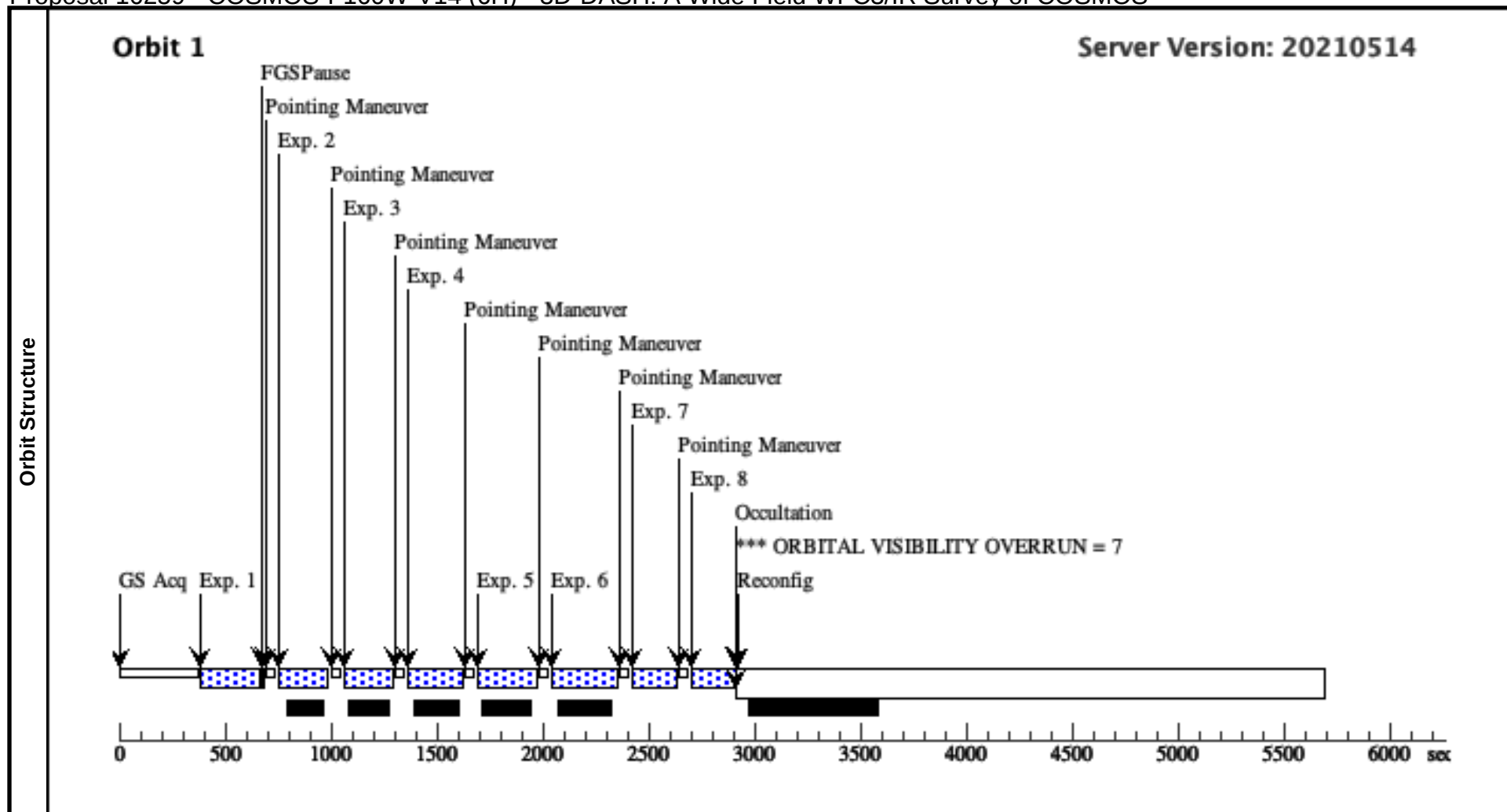
# Proposal 16259 - COSMOS-F160W-V13 (6G) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|----------------------|------------------------------------------------|-----------------------------------------|-------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V13 (6G), completed                                   |                 |                                                                                    |                             |               | Wed Aug 25 21:02:41 GMT 2021   |                      |                                                |                                         |       |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
| Diagnostics                                                     | (COSMOS-F160W-V13 (6G)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V13 (6G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V13 (6G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V13 (6G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V13 (6G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V13 (6G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V13 (6G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V13 (6G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                 | Targ. Coord. Corrections    | Fluxes        | Miscellaneous                  |                      |                                                |                                         |       |
|                                                                 | (13)                                                                               | COSMOS-F160W-13 | RA: 10 02 26.3225 (150.6096771d)<br>Dec: +01 56 30.17 (1.94171d)<br>Equinox: J2000 |                             | V=25          | Reference Frame: ICRS          |                      |                                                |                                         |       |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         | Orbit |
|                                                                 | 1                                                                                  |                 | (13) COSMOS-F160 W-13                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V13 (6G) | 252.934546 Secs (252.935 Secs)<br>[==>] | [1]   |
|                                                                 | 2                                                                                  |                 | (13) COSMOS-F160 W-13                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V13 (6G) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |
|                                                                 | 3                                                                                  |                 | (13) COSMOS-F160 W-13                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V13 (6G) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |
|                                                                 | 4                                                                                  |                 | (13) COSMOS-F160 W-13                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V13 (6G) | 227.936926 Secs (227.937 Secs)<br>[==>] | [1]   |
|                                                                 | 5                                                                                  |                 | (13) COSMOS-F160 W-13                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V13 (6G) | 252.937441 Secs (252.937 Secs)<br>[==>] | [1]   |
|                                                                 | 6                                                                                  |                 | (13) COSMOS-F160 W-13                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V13 (6G) | 277.937956 Secs (277.938 Secs)<br>[==>] | [1]   |
|                                                                 | 7                                                                                  |                 | (13) COSMOS-F160 W-13                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V13 (6G) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |
|                                                                 | 8                                                                                  |                 | (13) COSMOS-F160 W-13                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V13 (6G) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |



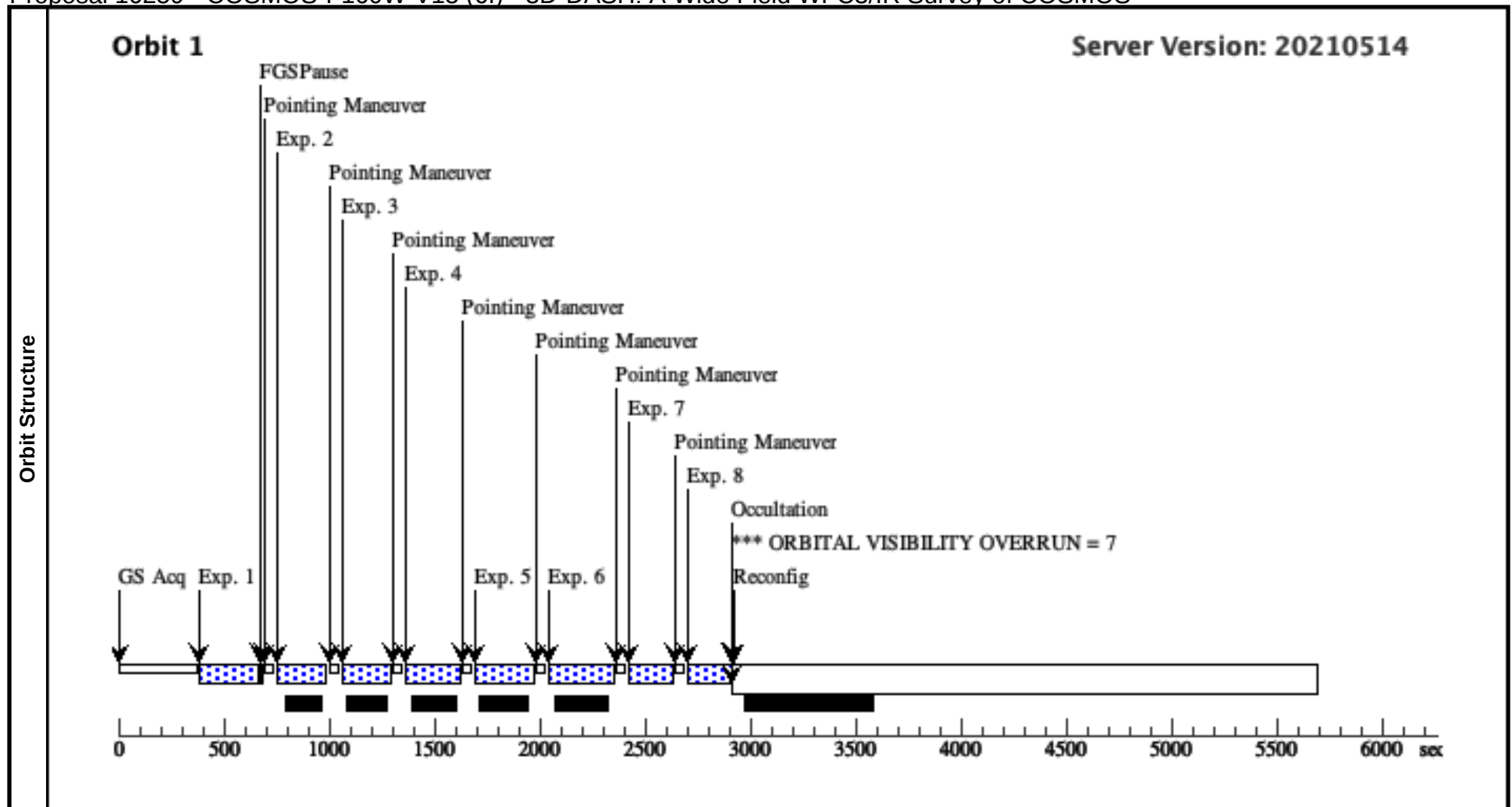
# Proposal 16259 - COSMOS-F160W-V14 (6H) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |  |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------|-----------------------------|-------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|------------------------------|-------|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V14 (6H), completed                                   |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 | Wed Aug 25 21:02:41 GMT 2021 |       |  |
|                                                                 | Diagnostic Status: Warning                                                         |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |  |
| Diagnostics                                                     | (COSMOS-F160W-V14 (6H)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |  |
|                                                                 | (COSMOS-F160W-V14 (6H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |  |
|                                                                 | (COSMOS-F160W-V14 (6H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |  |
|                                                                 | (COSMOS-F160W-V14 (6H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |  |
|                                                                 | (COSMOS-F160W-V14 (6H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |  |
|                                                                 | (COSMOS-F160W-V14 (6H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |  |
|                                                                 | (COSMOS-F160W-V14 (6H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |  |
|                                                                 | (COSMOS-F160W-V14 (6H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |  |
| Fixed Targets                                                   | #                                                                                  | Name                  | Target Coordinates                                                                 |                             |       | Targ. Coord. Corrections       |                                | Fluxes                                         |                                                | Miscellaneous                   |                              |       |  |
|                                                                 | (14)                                                                               | COSMOS-F160W-14       | RA: 10 02 26.2738 (150.6094742d)<br>Dec: +01 52 20.58 (1.87238d)<br>Equinox: J2000 |                             |       |                                |                                | V=25                                           |                                                | Reference Frame: ICRS           |                              |       |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                |                                                |                                 |                              |       |  |
| Exposures                                                       | #                                                                                  | Label                 | Target                                                                             | Config,Mode,Aperture        |       | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |                              | Orbit |  |
|                                                                 | 1                                                                                  |                       | (14) COSMOS-F160 W-14                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V14 (6H) | 252.934546 Secs (252.935 Secs)  |                              |       |  |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                |                                                | [==>]                           | [1]                          |       |  |
|                                                                 | 2                                                                                  |                       | (14) COSMOS-F160 W-14                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V14 (6H) | 202.936411 Secs (202.936 Secs)  |                              |       |  |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                |                                                | [==>]                           | [1]                          |       |  |
|                                                                 | 3                                                                                  |                       | (14) COSMOS-F160 W-14                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V14 (6H) | 202.936411 Secs (202.936 Secs)  |                              |       |  |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                |                                                | [==>]                           | [1]                          |       |  |
|                                                                 | 4                                                                                  |                       | (14) COSMOS-F160 W-14                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V14 (6H) | 227.936926 Secs (227.937 Secs)  |                              |       |  |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                |                                                | [==>]                           | [1]                          |       |  |
|                                                                 | 5                                                                                  |                       | (14) COSMOS-F160 W-14                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V14 (6H) | 252.937441 Secs (252.937 Secs)  |                              |       |  |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                | [==>]                                          | [1]                             |                              |       |  |
| 6                                                               |                                                                                    | (14) COSMOS-F160 W-14 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       |       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117           | Sequence 1-8 Non-Int in COSMOS-F160 W-V14 (6H) | 277.937956 Secs (277.938 Secs)                 |                                 |                              |       |  |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                | [==>]                                          | [1]                             |                              |       |  |
| 7                                                               |                                                                                    | (14) COSMOS-F160 W-14 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       |       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117              | Sequence 1-8 Non-Int in COSMOS-F160 W-V14 (6H) | 177.935896 Secs (177.936 Secs)                 |                                 |                              |       |  |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                | [==>]                                          | [1]                             |                              |       |  |
| 8                                                               |                                                                                    | (14) COSMOS-F160 W-14 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       |       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117             | Sequence 1-8 Non-Int in COSMOS-F160 W-V14 (6H) | 177.935896 Secs (177.936 Secs)                 |                                 |                              |       |  |
|                                                                 |                                                                                    |                       |                                                                                    |                             |       |                                |                                |                                                | [==>]                                          | [1]                             |                              |       |  |



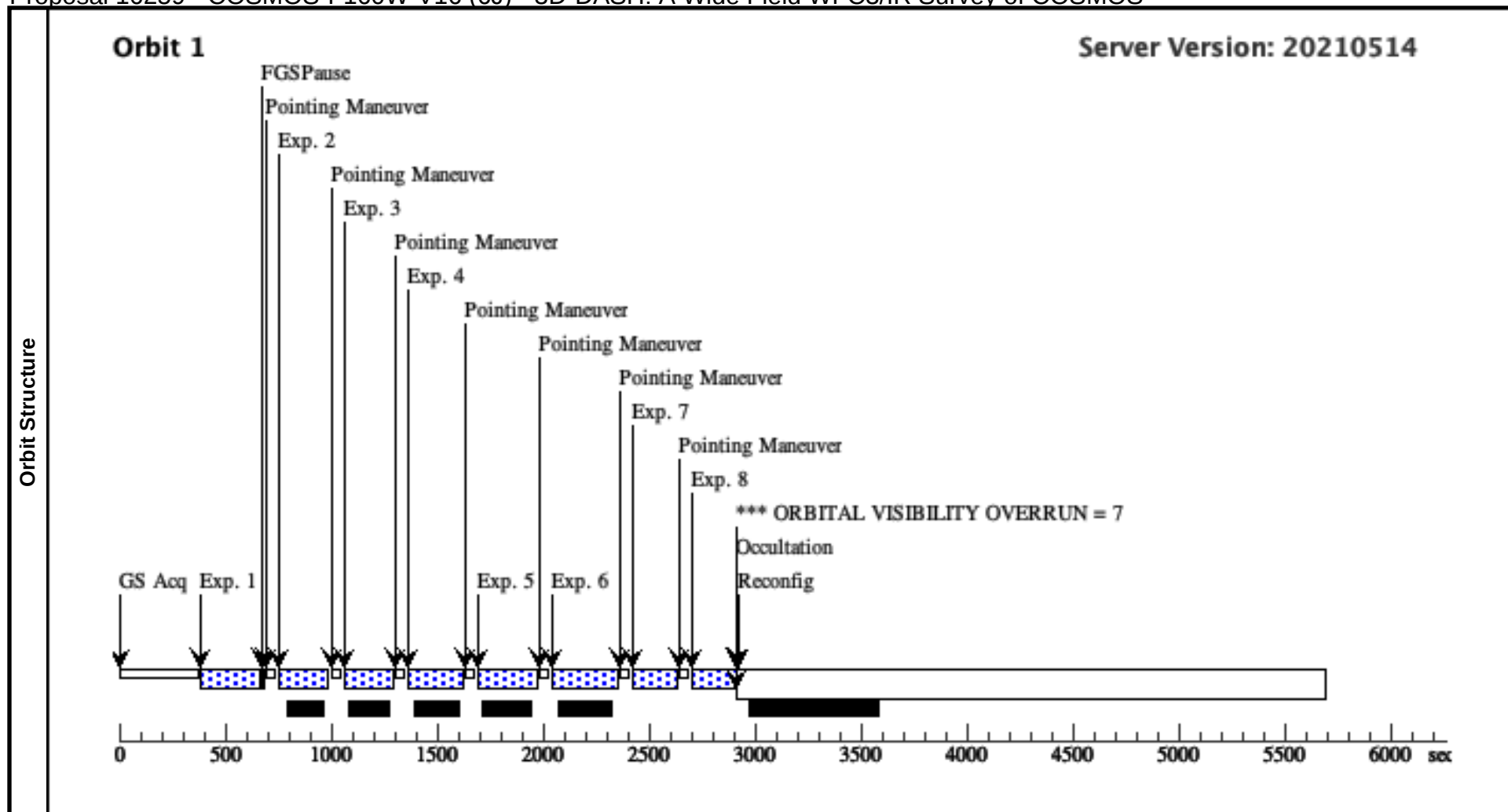
# Proposal 16259 - COSMOS-F160W-V15 (6I) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
|---------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|--|--------------------------|--------------------------------|--------|----------------------|------------------------------------------------|-----------------------------------------|--|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V15 (6I), completed                                   |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                | Wed Aug 25 21:02:41 GMT 2021            |  |       |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
| Diagnostics   | (COSMOS-F160W-V15 (6I)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
|               | (COSMOS-F160W-V15 (6I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
|               | (COSMOS-F160W-V15 (6I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
|               | (COSMOS-F160W-V15 (6I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
|               | (COSMOS-F160W-V15 (6I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
|               | (COSMOS-F160W-V15 (6I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
|               | (COSMOS-F160W-V15 (6I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
|               | (COSMOS-F160W-V15 (6I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                 |                             |  | Targ. Coord. Corrections |                                | Fluxes |                      | Miscellaneous                                  |                                         |  |       |
|               | (15)                                                                               | COSMOS-F160W-15 | RA: 10 02 26.2251 (150.6092713d)<br>Dec: +01 48 10.98 (1.80305d)<br>Equinox: J2000 |                             |  |                          |                                | V=25   |                      | Reference Frame: ICRS                          |                                         |  |       |
|               | Comments:                                                                          |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
|               | Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                                 |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
| Exposures     | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        |  | Spectral Els.            | Opt. Params.                   |        | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|               | 1                                                                                  |                 | (15) COSMOS-F160 W-15                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |        |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V15 (6I) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|               | 2                                                                                  |                 | (15) COSMOS-F160 W-15                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |        | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V15 (6I) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 3                                                                                  |                 | (15) COSMOS-F160 W-15                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |        | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V15 (6I) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 4                                                                                  |                 | (15) COSMOS-F160 W-15                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 |        | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V15 (6I) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|               | 5                                                                                  |                 | (15) COSMOS-F160 W-15                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 |        | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V15 (6I) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|               | 6                                                                                  |                 | (15) COSMOS-F160 W-15                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 |        | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V15 (6I) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|               | 7                                                                                  |                 | (15) COSMOS-F160 W-15                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |        | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V15 (6I) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               | 8                                                                                  |                 | (15) COSMOS-F160 W-15                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |        | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V15 (6I) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               |                                                                                    |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |
|               |                                                                                    |                 |                                                                                    |                             |  |                          |                                |        |                      |                                                |                                         |  |       |



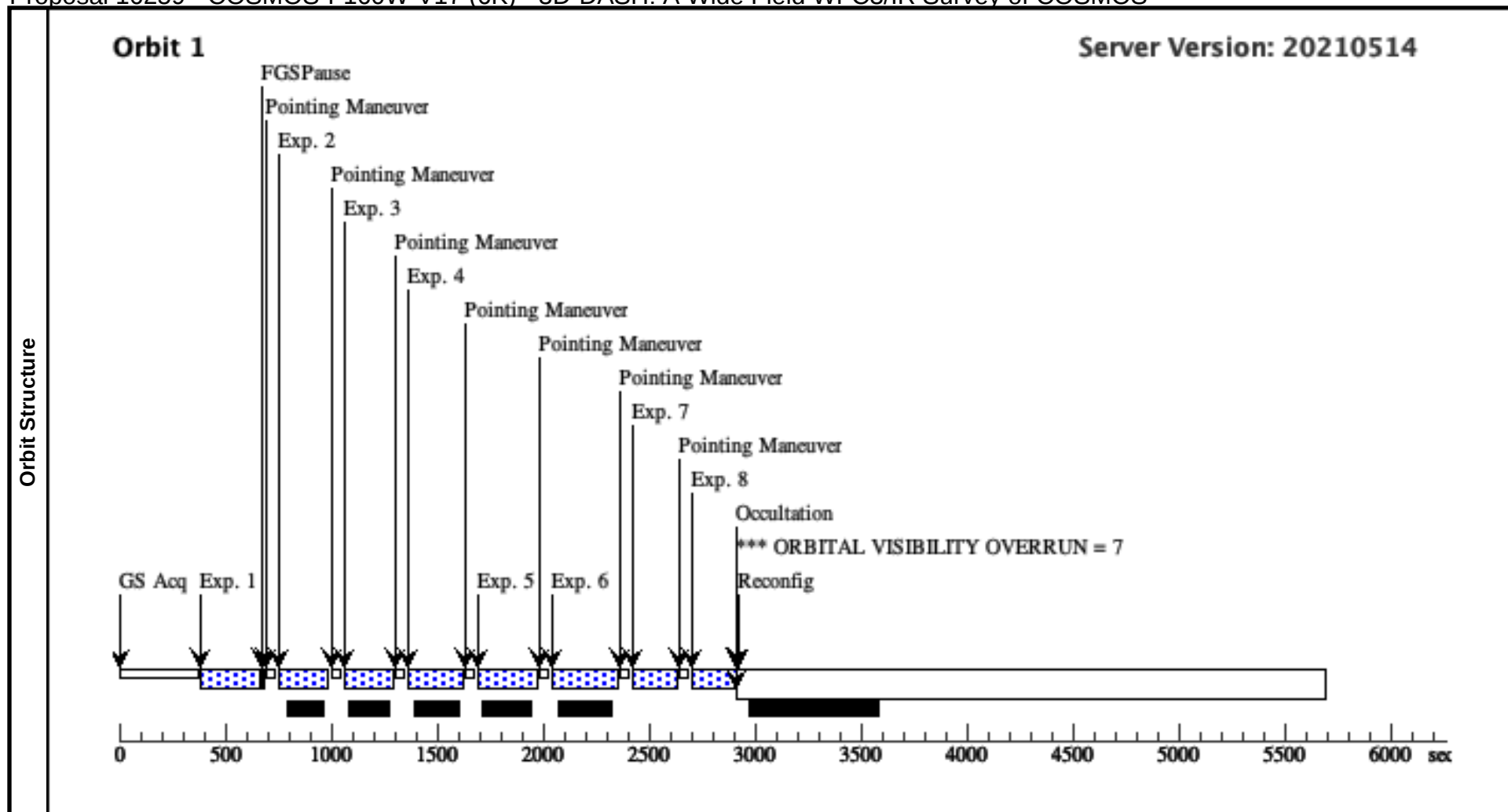
# Proposal 16259 - COSMOS-F160W-V16 (6J) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |       |  |
|---------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|----------------------|------------------------------------------------|-----------------------------------------|-------|--|
| Visit         | Proposal 16259, COSMOS-F160W-V16 (6J), completed                                   |                 |                                                                                   |                             |               | Wed Aug 25 21:02:41 GMT 2021   |                      |                                                |                                         |       |  |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |       |  |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |       |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |       |  |
| Diagnostics   | (COSMOS-F160W-V16 (6J)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |       |  |
|               | (COSMOS-F160W-V16 (6J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |       |  |
|               | (COSMOS-F160W-V16 (6J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |       |  |
|               | (COSMOS-F160W-V16 (6J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |       |  |
|               | (COSMOS-F160W-V16 (6J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |       |  |
|               | (COSMOS-F160W-V16 (6J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |       |  |
|               | (COSMOS-F160W-V16 (6J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |       |  |
|               | (COSMOS-F160W-V16 (6J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |       |  |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                | Targ. Coord. Corrections    | Fluxes        | Miscellaneous                  |                      |                                                |                                         |       |  |
|               | (16)                                                                               | COSMOS-F160W-16 | RA: 10 02 26.1764 (150.6090683d)<br>Dec: +01 44 1.39 (1.73372d)<br>Equinox: J2000 |                             | V=25          | Reference Frame: ICRS          |                      |                                                |                                         |       |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |       |  |
| Exposures     | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         | Orbit |  |
|               | 1                                                                                  |                 | (16) COSMOS-F160 W-16                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V16 (6J) | 252.934546 Secs (252.935 Secs)<br>[==>] | [1]   |  |
|               | 2                                                                                  |                 | (16) COSMOS-F160 W-16                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V16 (6J) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |  |
|               | 3                                                                                  |                 | (16) COSMOS-F160 W-16                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V16 (6J) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |  |
|               | 4                                                                                  |                 | (16) COSMOS-F160 W-16                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V16 (6J) | 227.936926 Secs (227.937 Secs)<br>[==>] | [1]   |  |
|               | 5                                                                                  |                 | (16) COSMOS-F160 W-16                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V16 (6J) | 252.937441 Secs (252.937 Secs)<br>[==>] | [1]   |  |
|               | 6                                                                                  |                 | (16) COSMOS-F160 W-16                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V16 (6J) | 277.937956 Secs (277.938 Secs)<br>[==>] | [1]   |  |
|               | 7                                                                                  |                 | (16) COSMOS-F160 W-16                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V16 (6J) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |  |
|               | 8                                                                                  |                 | (16) COSMOS-F160 W-16                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V16 (6J) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |  |
|               |                                                                                    |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |       |  |



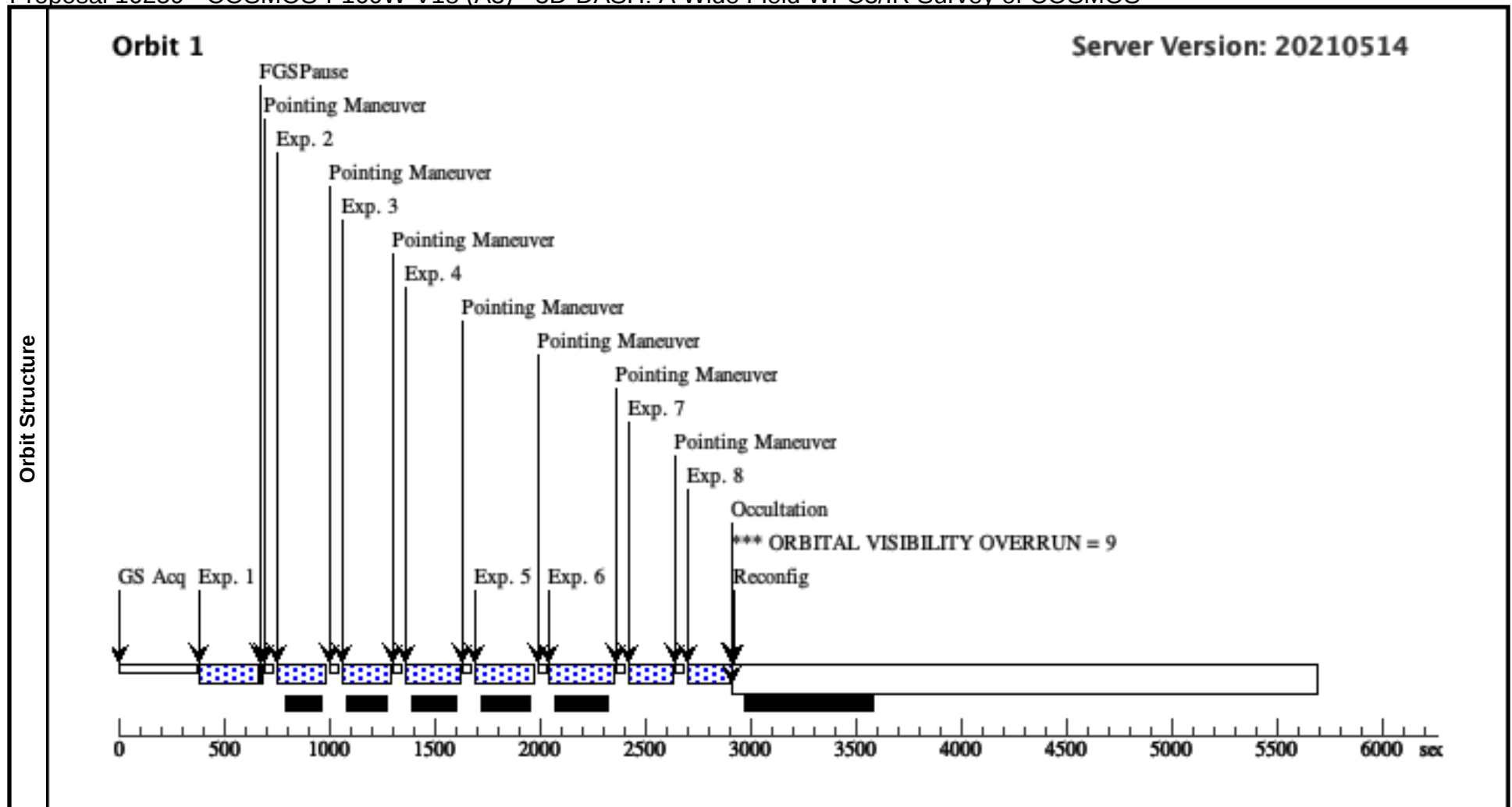
# Proposal 16259 - COSMOS-F160W-V17 (6K) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               |                                |                                 |     |       |
|---------------|------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------|-----------------------------|-------|--------------------------------|--------------------------------|----------------------|-----------------------------------------------|-----------------------------------------------|--------------------------------|---------------------------------|-----|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V17 (6K), completed                                   |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               | Wed Aug 25 21:02:41 GMT 2021   |                                 |     |       |
|               | Diagnostic Status: Warning                                                         |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               |                                |                                 |     |       |
|               | Scientific Instruments: WFC3/IR                                                    |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               |                                |                                 |     |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               |                                |                                 |     |       |
| Diagnostics   | (COSMOS-F160W-V17 (6K)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               |                                |                                 |     |       |
|               | (COSMOS-F160W-V17 (6K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               |                                |                                 |     |       |
|               | (COSMOS-F160W-V17 (6K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               |                                |                                 |     |       |
|               | (COSMOS-F160W-V17 (6K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               |                                |                                 |     |       |
|               | (COSMOS-F160W-V17 (6K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               |                                |                                 |     |       |
|               | (COSMOS-F160W-V17 (6K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               |                                |                                 |     |       |
|               | (COSMOS-F160W-V17 (6K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               |                                |                                 |     |       |
|               | (COSMOS-F160W-V17 (6K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               |                                |                                 |     |       |
| Fixed Targets | #                                                                                  | Name                 | Target Coordinates                                                                 |                             |       | Targ. Coord. Corrections       |                                |                      | Fluxes                                        |                                               | Miscellaneous                  |                                 |     |       |
|               | (17)                                                                               | COSMOS-F160W-17      | RA: 10 02 26.1277 (150.6088654d)<br>Dec: +01 39 51.79 (1.66439d)<br>Equinox: J2000 |                             |       |                                |                                |                      | V=25                                          |                                               | Reference Frame: ICRS          |                                 |     |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               |                                |                                 |     |       |
|               |                                                                                    |                      |                                                                                    |                             |       |                                |                                |                      |                                               |                                               |                                |                                 |     |       |
| Exposures     | #                                                                                  | Label                | Target                                                                             | Config,Mode,Aperture        |       | Spectral Els.                  | Opt. Params.                   |                      | Special Reqs.                                 | Groups                                        |                                | Exp. Time (Total)/[Actual Dur.] |     | Orbit |
|               | 1                                                                                  |                      | (17) COSMOS-F160W-17                                                               | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      |                                               | Sequence 1-8 Non-Int in COSMOS-F160W-V17 (6K) |                                | 252.934546 Secs (252.935 Secs)  |     |       |
|               |                                                                                    |                      |                                                                                    |                             |       |                                |                                |                      |                                               | [==>]                                         |                                |                                 | [1] |       |
|               | 2                                                                                  |                      | (17) COSMOS-F160W-17                                                               | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |                      | POS TARG -132,0                               | Sequence 1-8 Non-Int in COSMOS-F160W-V17 (6K) |                                | 202.936411 Secs (202.936 Secs)  |     |       |
|               |                                                                                    |                      |                                                                                    |                             |       |                                |                                |                      |                                               | [==>]                                         |                                |                                 | [1] |       |
|               | 3                                                                                  |                      | (17) COSMOS-F160W-17                                                               | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |                      | POS TARG -264,0                               | Sequence 1-8 Non-Int in COSMOS-F160W-V17 (6K) |                                | 202.936411 Secs (202.936 Secs)  |     |       |
|               |                                                                                    |                      |                                                                                    |                             |       |                                |                                |                      |                                               | [==>]                                         |                                |                                 | [1] |       |
|               | 4                                                                                  |                      | (17) COSMOS-F160W-17                                                               | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=10;<br>SAMP-SEQ=SPAR S25 |                      | POS TARG -396,0                               | Sequence 1-8 Non-Int in COSMOS-F160W-V17 (6K) |                                | 227.936926 Secs (227.937 Secs)  |     |       |
|               |                                                                                    |                      |                                                                                    |                             |       |                                |                                |                      |                                               | [==>]                                         |                                |                                 | [1] |       |
|               | 5                                                                                  |                      | (17) COSMOS-F160W-17                                                               | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                                | NSAMP=11;<br>SAMP-SEQ=SPAR S25 |                      | POS TARG -352.5,-117                          | Sequence 1-8 Non-Int in COSMOS-F160W-V17 (6K) |                                | 252.937441 Secs (252.937 Secs)  |     |       |
|               |                                                                                    |                      |                                                                                    |                             |       |                                |                                |                      | [==>]                                         |                                               |                                | [1]                             |     |       |
| 6             |                                                                                    | (17) COSMOS-F160W-17 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       |       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 |                                | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160W-V17 (6K) |                                               | 277.937956 Secs (277.938 Secs) |                                 |     |       |
|               |                                                                                    |                      |                                                                                    |                             |       |                                |                                |                      | [==>]                                         |                                               |                                | [1]                             |     |       |
| 7             |                                                                                    | (17) COSMOS-F160W-17 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       |       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |                                | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160W-V17 (6K) |                                               | 177.935896 Secs (177.936 Secs) |                                 |     |       |
|               |                                                                                    |                      |                                                                                    |                             |       |                                |                                |                      | [==>]                                         |                                               |                                | [1]                             |     |       |
| 8             |                                                                                    | (17) COSMOS-F160W-17 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       |       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |                                | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160W-V17 (6K) |                                               | 177.935896 Secs (177.936 Secs) |                                 |     |       |
|               |                                                                                    |                      |                                                                                    |                             |       |                                |                                |                      | [==>]                                         |                                               |                                | [1]                             |     |       |



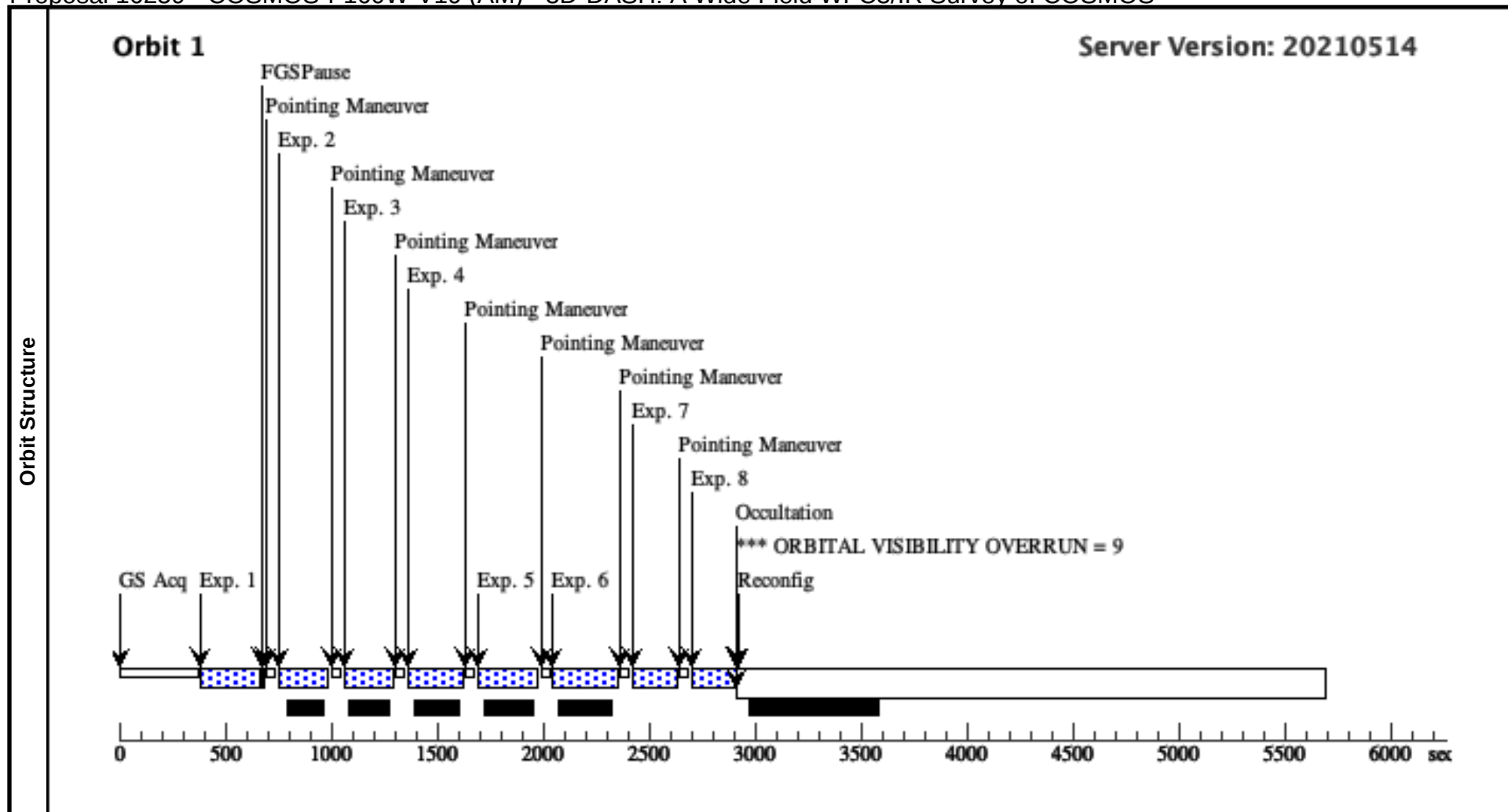
# Proposal 16259 - COSMOS-F160W-V18 (A3) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|--------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|--|--|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V18 (A3), completed                                   |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  | Wed Aug 25 21:02:41 GMT 2021 |  |  |  |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
| Diagnostics                                                     | (COSMOS-F160W-V18 (A3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V18 (A3)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V18 (A3)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V18 (A3)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V18 (A3)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V18 (A3)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V18 (A3)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V18 (A3)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                    |                                                | Fluxes                                  |  | Miscellaneous                |  |  |  |
|                                                                 | (18)                                                                               | COSMOS-F160W-18 | RA: 10 01 8.2282 (150.2842842d)<br>Dec: +02 46 31.05 (2.77529d)<br>Equinox: J2000 |                             |               |                                |                    |                                                | V=25                                    |  | Reference Frame: ICRS        |  |  |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |  |  |  |
|                                                                 | 1                                                                                  |                 | (18) COSMOS-F160 W-18                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V18 (A3) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 | 2                                                                                  |                 | (18) COSMOS-F160 W-18                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V18 (A3) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 | 3                                                                                  |                 | (18) COSMOS-F160 W-18                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 268,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V18 (A3) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 | 4                                                                                  |                 | (18) COSMOS-F160 W-18                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 402,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V18 (A3) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 | 5                                                                                  |                 | (18) COSMOS-F160 W-18                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 347.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V18 (A3) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 | 6                                                                                  |                 | (18) COSMOS-F160 W-18                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 213.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V18 (A3) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 | 7                                                                                  |                 | (18) COSMOS-F160 W-18                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 79.5,121  | Sequence 1-8 Non-Int in COSMOS-F160 W-V18 (A3) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 | 8                                                                                  |                 | (18) COSMOS-F160 W-18                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -54.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V18 (A3) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |  |  |  |



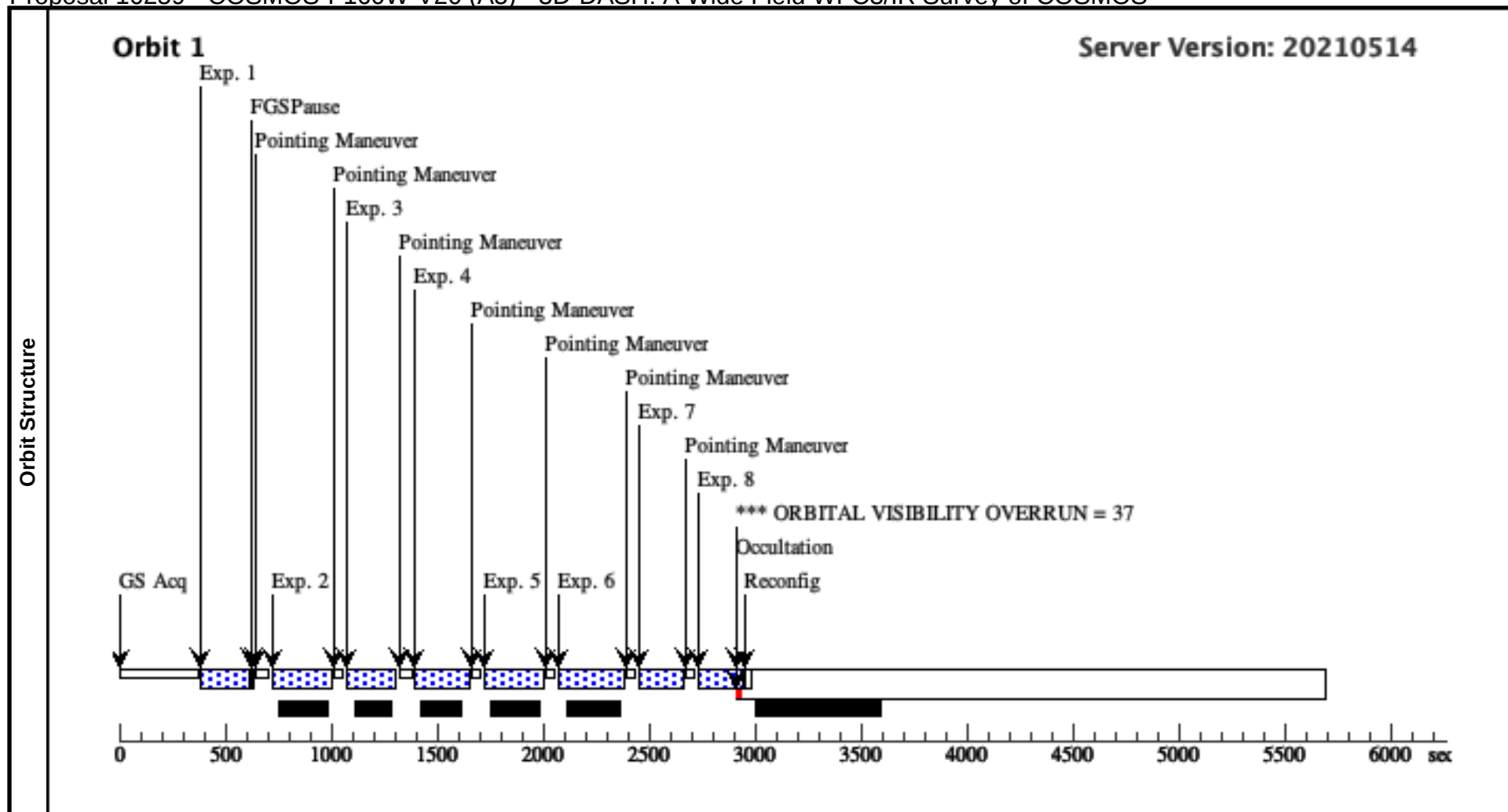
# Proposal 16259 - COSMOS-F160W-V19 (AM) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|---------------|------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|-----------------------|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V19 (AM), completed                                   |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       | Wed Aug 25 21:02:41 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Diagnostics   | (COSMOS-F160W-V19 (AM)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V19 (AM)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V19 (AM)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V19 (AM)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V19 (AM)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V19 (AM)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V19 (AM)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V19 (AM)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Fixed Targets | #                                                                                  | Name                  | Target Coordinates                                                                 |                             |                                | Targ. Coord. Corrections       |                                                | Fluxes                                         |                                 | Miscellaneous         |                              |
|               | (19)                                                                               | COSMOS-F160W-19       | RA: 10 01 24.4045 (150.3516854d)<br>Dec: +02 43 57.36 (2.73260d)<br>Equinox: J2000 |                             |                                |                                |                                                | V=25                                           |                                 | Reference Frame: ICRS |                              |
|               | Comments:                                                                          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                                 |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Exposures     | #                                                                                  | Label                 | Target                                                                             | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |                       | Orbit                        |
|               | 1                                                                                  |                       | (19) COSMOS-F160 W-19                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V19 (AM) | 252.934546 Secs (252.935 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 2                                                                                  |                       | (19) COSMOS-F160 W-19                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V19 (AM) | 202.936411 Secs (202.936 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 3                                                                                  |                       | (19) COSMOS-F160 W-19                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 80,121                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V19 (AM) | 202.936411 Secs (202.936 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 4                                                                                  |                       | (19) COSMOS-F160 W-19                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -54,121                               | Sequence 1-8 Non-Int in COSMOS-F160 W-V19 (AM) | 227.936926 Secs (227.937 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 5                                                                                  |                       | (19) COSMOS-F160 W-19                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -188,121                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V19 (AM) | 252.937441 Secs (252.937 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 6             |                                                                                    | (19) COSMOS-F160 W-19 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -322,121              | Sequence 1-8 Non-Int in COSMOS-F160 W-V19 (AM) | 277.937956 Secs (277.938 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 7             |                                                                                    | (19) COSMOS-F160 W-19 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -268,0                | Sequence 1-8 Non-Int in COSMOS-F160 W-V19 (AM) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 8             |                                                                                    | (19) COSMOS-F160 W-19 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -134,0                | Sequence 1-8 Non-Int in COSMOS-F160 W-V19 (AM) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |



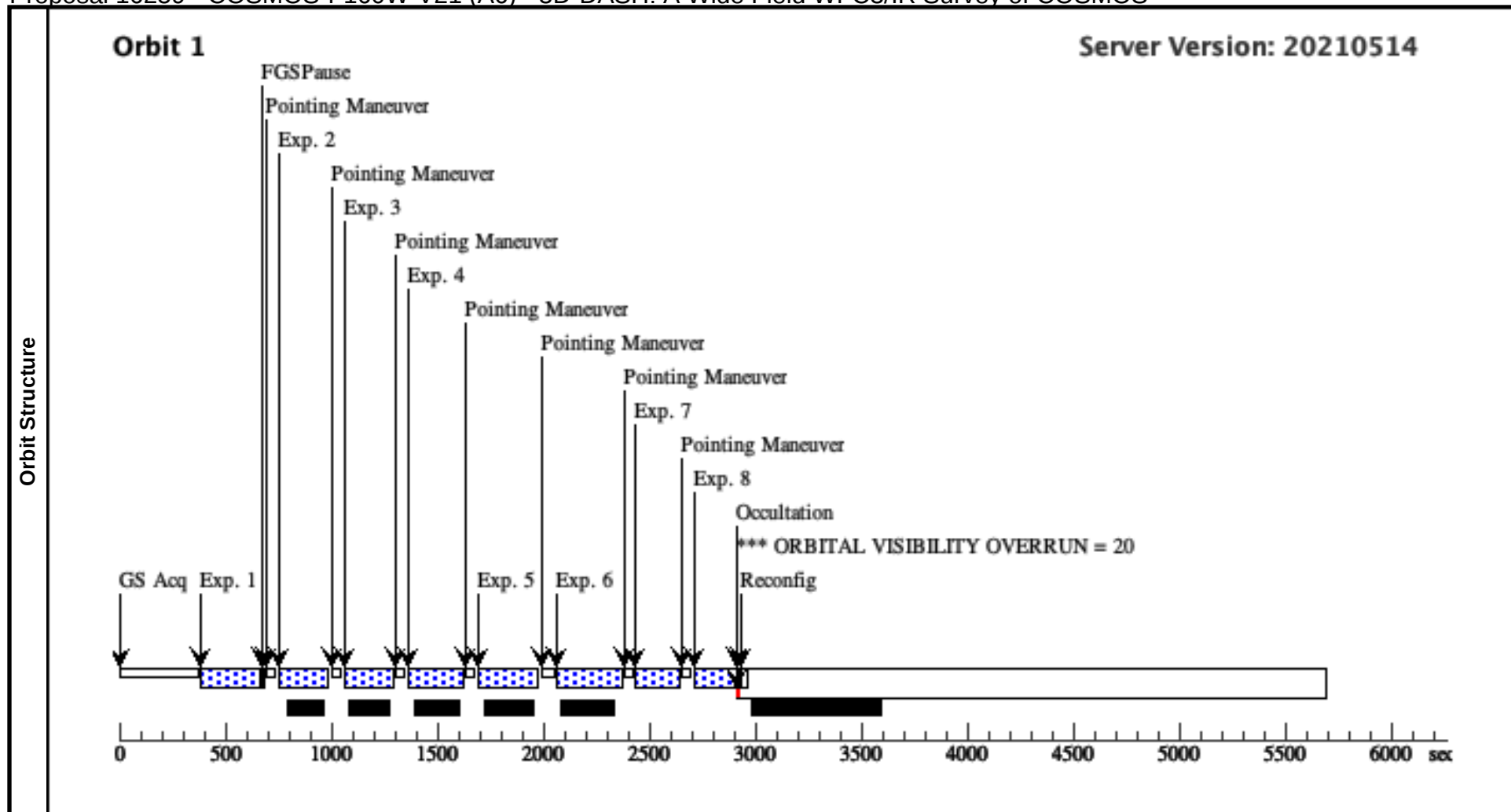
# Proposal 16259 - COSMOS-F160W-V20 (A5) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         |                              |
|---------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|--------------------|------------------------------------------------|-----------------------------------------|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V20 (A5), completed                                   |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         | Wed Aug 25 21:02:41 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         |                              |
| Diagnostics   | (COSMOS-F160W-V20 (A5)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         |                              |
|               | (COSMOS-F160W-V20 (A5)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         |                              |
|               | (COSMOS-F160W-V20 (A5)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         |                              |
|               | (COSMOS-F160W-V20 (A5)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         |                              |
|               | (COSMOS-F160W-V20 (A5)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         |                              |
|               | (COSMOS-F160W-V20 (A5)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         |                              |
|               | (COSMOS-F160W-V20 (A5)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         |                              |
|               | (COSMOS-F160W-V20 (A5)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         |                              |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                |                             | Targ. Coord. Corrections |                                | Fluxes             |                                                | Miscellaneous                           |                              |
|               | (20)                                                                               | COSMOS-F160W-20 | RA: 10 01 8.1251 (150.2838546d)<br>Dec: +02 37 43.68 (2.62880d)<br>Equinox: J2000 |                             |                          |                                | V=25               |                                                | Reference Frame: ICRS                   |                              |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         |                              |
|               |                                                                                    |                 |                                                                                   |                             |                          |                                |                    |                                                |                                         |                              |
| Exposures     | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         | Orbit                        |
|               | 1                                                                                  |                 | (20) COSMOS-F160 W-20                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 268,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V20 (A5) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]                          |
|               | 2                                                                                  |                 | (20) COSMOS-F160 W-20                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V20 (A5) | 252.934546 Secs (252.935 Secs)<br>[==>] | [1]                          |
|               | 3                                                                                  |                 | (20) COSMOS-F160 W-20                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V20 (A5) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]                          |
|               | 4                                                                                  |                 | (20) COSMOS-F160 W-20                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 402,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V20 (A5) | 227.936926 Secs (227.937 Secs)<br>[==>] | [1]                          |
|               | 5                                                                                  |                 | (20) COSMOS-F160 W-20                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 347.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V20 (A5) | 252.937441 Secs (252.937 Secs)<br>[==>] | [1]                          |
|               | 6                                                                                  |                 | (20) COSMOS-F160 W-20                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 213.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V20 (A5) | 277.937956 Secs (277.938 Secs)<br>[==>] | [1]                          |
|               | 7                                                                                  |                 | (20) COSMOS-F160 W-20                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 79.5,121  | Sequence 1-8 Non-Int in COSMOS-F160 W-V20 (A5) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]                          |
|               | 8                                                                                  |                 | (20) COSMOS-F160 W-20                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -54.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V20 (A5) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]                          |



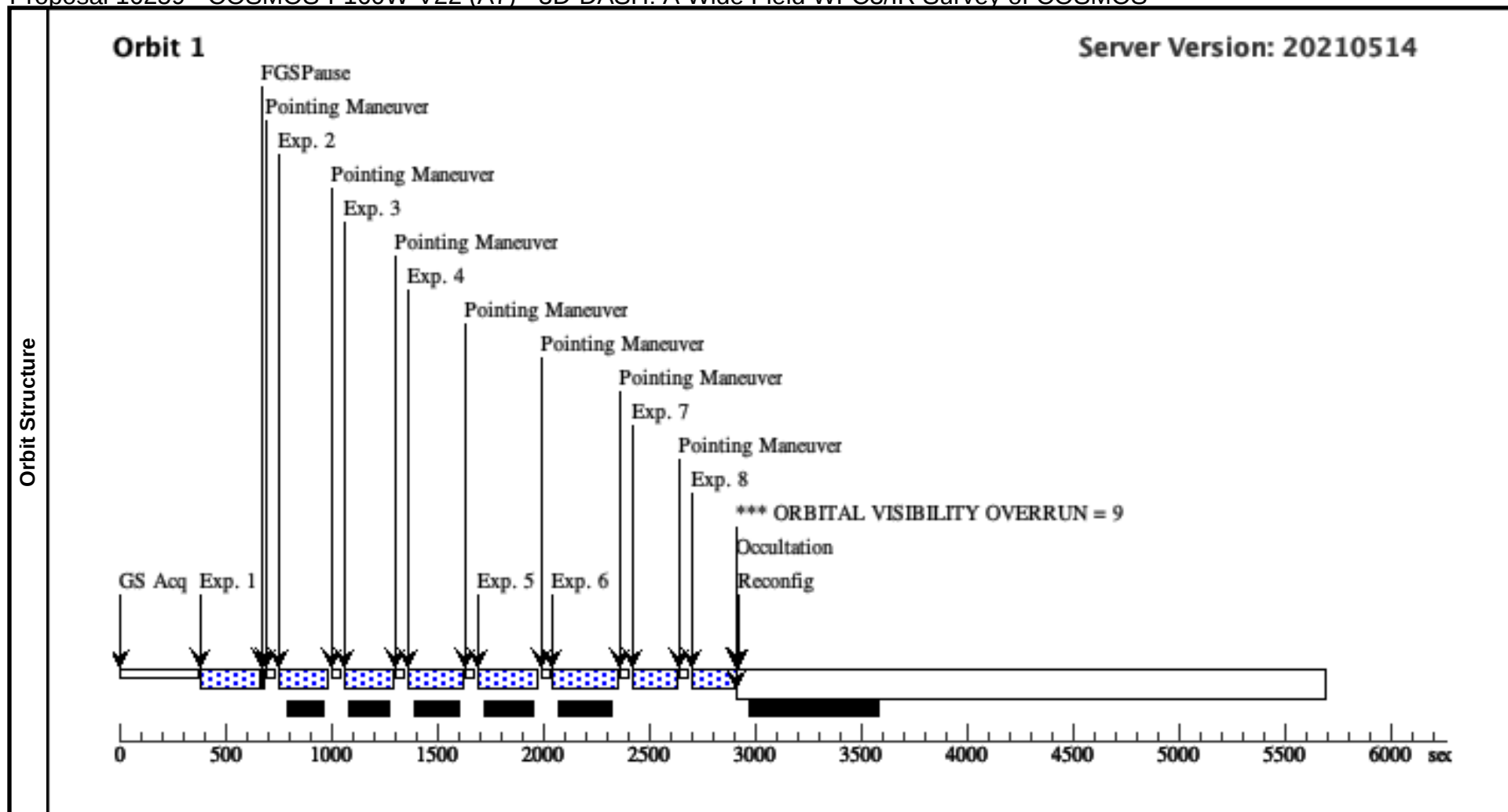
# Proposal 16259 - COSMOS-F160W-V21 (A6) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|---------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|--------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|
| Visit         | Proposal 16259, COSMOS-F160W-V21 (A6), completed                                   |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       | Wed Aug 25 21:02:41 GMT 2021 |  |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
| Diagnostics   | (COSMOS-F160W-V21 (A6)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V21 (A6)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V21 (A6)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V21 (A6)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V21 (A6)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V21 (A6)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V21 (A6)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V21 (A6)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                    | Fluxes                                         |                                         | Miscellaneous         |                              |  |
|               | (21)                                                                               | COSMOS-F160W-21 | RA: 10 01 8.0736 (150.2836400d)<br>Dec: +02 33 20.00 (2.55556d)<br>Equinox: J2000 |                             |               |                                |                    | V=25                                           |                                         | Reference Frame: ICRS |                              |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
| Exposures     | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |
|               | 1                                                                                  |                 | (21) COSMOS-F160 W-21                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V21 (A6) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |
|               | 2                                                                                  |                 | (21) COSMOS-F160 W-21                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -52.4,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V21 (A6) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 3                                                                                  |                 | (21) COSMOS-F160 W-21                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 79.5,121  | Sequence 1-8 Non-Int in COSMOS-F160 W-V21 (A6) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 4                                                                                  |                 | (21) COSMOS-F160 W-21                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 213.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V21 (A6) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |
|               | 5                                                                                  |                 | (21) COSMOS-F160 W-21                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 347.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V21 (A6) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |
|               | 6                                                                                  |                 | (21) COSMOS-F160 W-21                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 134,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V21 (A6) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |
|               | 7                                                                                  |                 | (21) COSMOS-F160 W-21                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 268,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V21 (A6) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 8                                                                                  |                 | (21) COSMOS-F160 W-21                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 402,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V21 (A6) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |



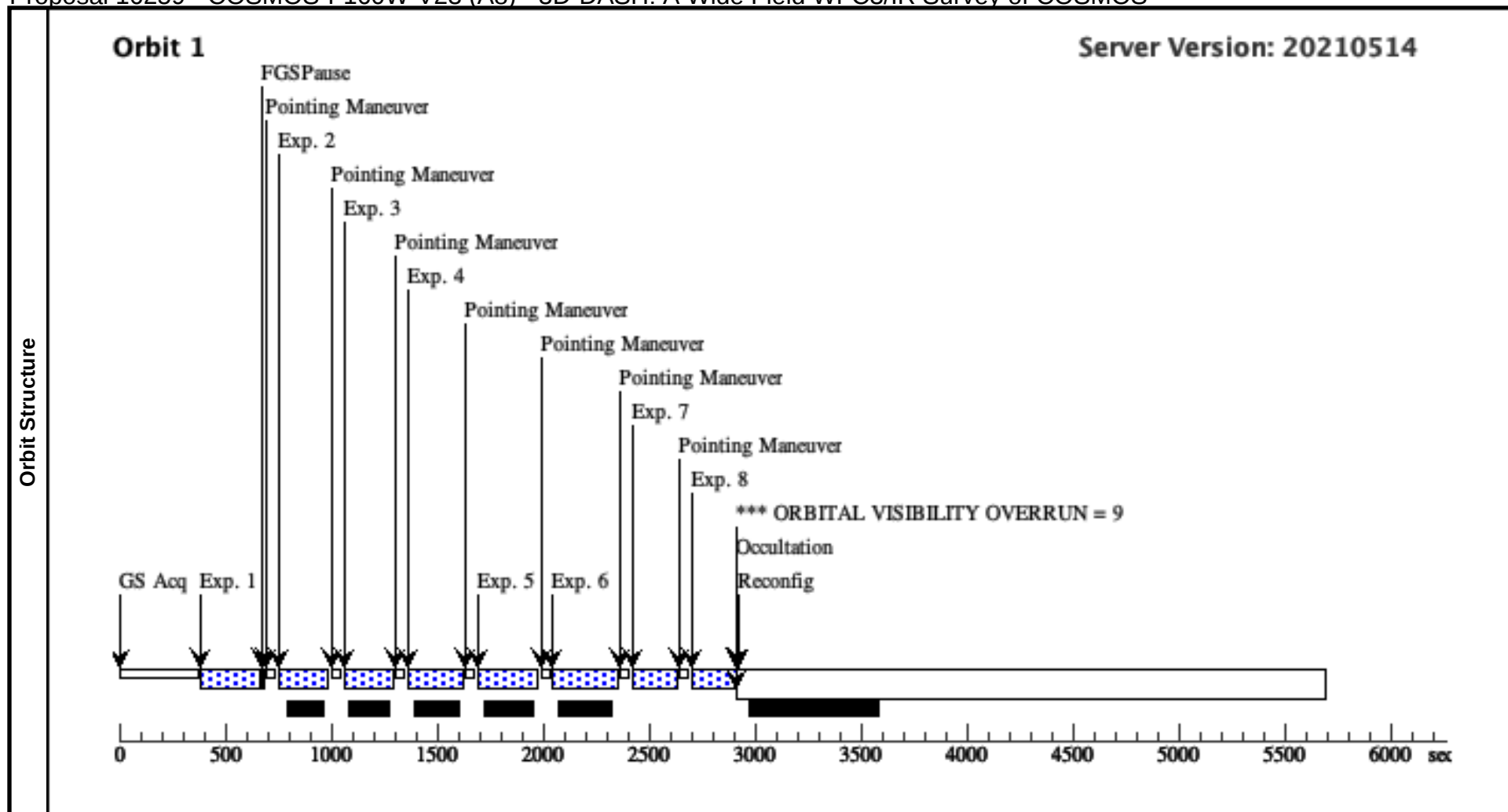
# Proposal 16259 - COSMOS-F160W-V22 (A7) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|--------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|--|--|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V22 (A7), completed                                   |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  | Wed Aug 25 21:02:41 GMT 2021 |  |  |  |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
| Diagnostics                                                     | (COSMOS-F160W-V22 (A7)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V22 (A7)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V22 (A7)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V22 (A7)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V22 (A7)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V22 (A7)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V22 (A7)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V22 (A7)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                    |                                                | Fluxes                                  |  | Miscellaneous                |  |  |  |
|                                                                 | (22)                                                                               | COSMOS-F160W-22 | RA: 10 01 8.0221 (150.2834254d)<br>Dec: +02 28 56.31 (2.48231d)<br>Equinox: J2000 |                             |               |                                |                    |                                                | V=25                                    |  | Reference Frame: ICRS        |  |  |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |  |  |  |
|                                                                 | 1                                                                                  |                 | (22) COSMOS-F160 W-22                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V22 (A7) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 | 2                                                                                  |                 | (22) COSMOS-F160 W-22                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V22 (A7) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 | 3                                                                                  |                 | (22) COSMOS-F160 W-22                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 268,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V22 (A7) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 | 4                                                                                  |                 | (22) COSMOS-F160 W-22                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 402,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V22 (A7) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 | 5                                                                                  |                 | (22) COSMOS-F160 W-22                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 347.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V22 (A7) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 | 6                                                                                  |                 | (22) COSMOS-F160 W-22                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 213.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V22 (A7) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 | 7                                                                                  |                 | (22) COSMOS-F160 W-22                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 79.5,121  | Sequence 1-8 Non-Int in COSMOS-F160 W-V22 (A7) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 | 8                                                                                  |                 | (22) COSMOS-F160 W-22                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -54.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V22 (A7) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |  |  |  |
|                                                                 |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |



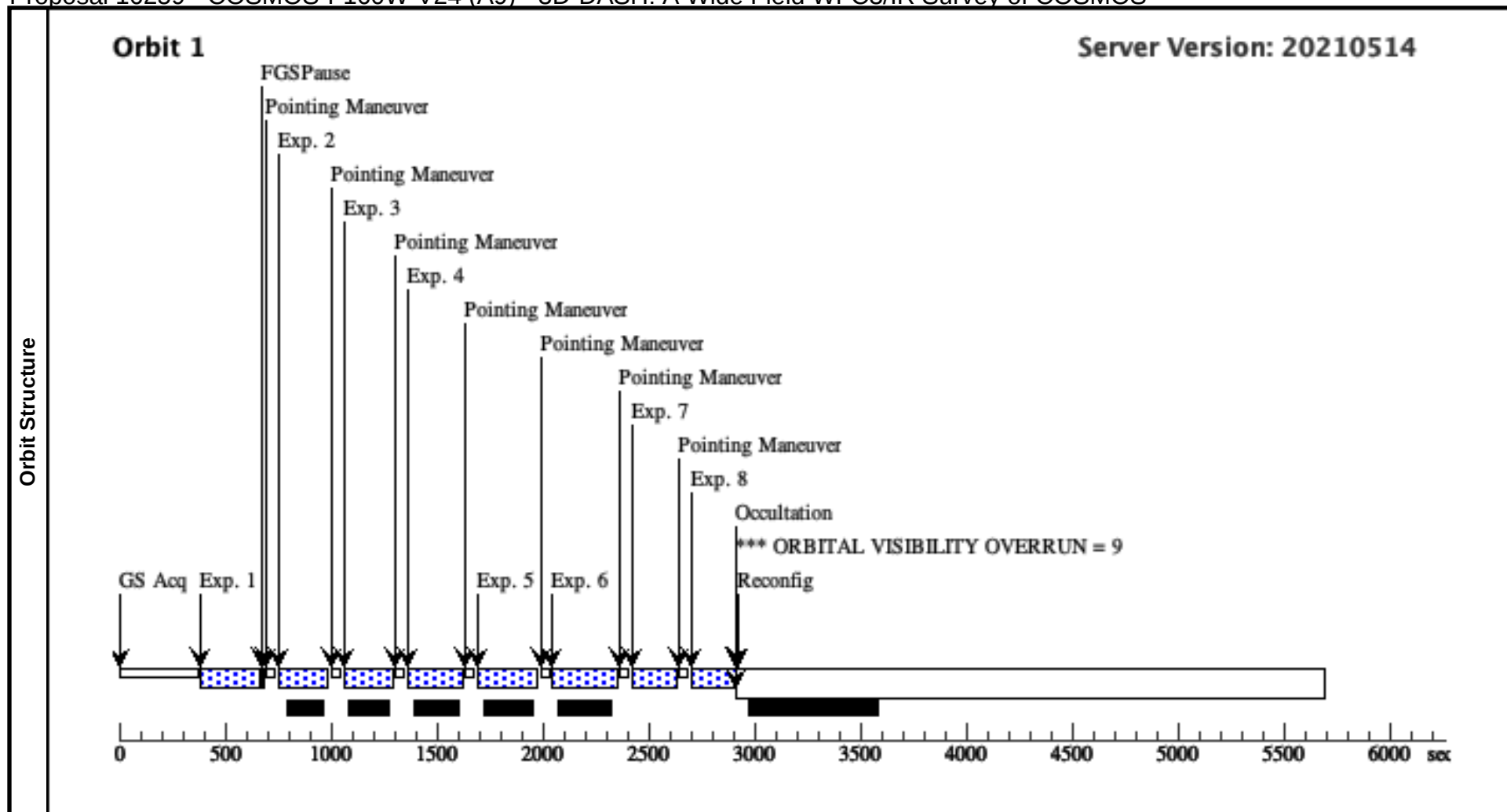
# Proposal 16259 - COSMOS-F160W-V23 (A8) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                   |                             |  |               |                          |                                |  |                    |                              |                                                |  |                                         |  |       |  |
|---------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|--|---------------|--------------------------|--------------------------------|--|--------------------|------------------------------|------------------------------------------------|--|-----------------------------------------|--|-------|--|
| Visit         | Proposal 16259, COSMOS-F160W-V23 (A8), completed                                   |                 |                                                                                   |                             |  |               |                          |                                |  |                    | Wed Aug 25 21:02:42 GMT 2021 |                                                |  |                                         |  |       |  |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |  |               |                          |                                |  |                    |                              |                                                |  |                                         |  |       |  |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |  |               |                          |                                |  |                    |                              |                                                |  |                                         |  |       |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                 |                                                                                   |                             |  |               |                          |                                |  |                    |                              |                                                |  |                                         |  |       |  |
| Diagnostics   | (COSMOS-F160W-V23 (A8)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |  |               |                          |                                |  |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V23 (A8)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |               |                          |                                |  |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V23 (A8)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |               |                          |                                |  |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V23 (A8)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |               |                          |                                |  |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V23 (A8)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |               |                          |                                |  |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V23 (A8)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |               |                          |                                |  |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V23 (A8)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |               |                          |                                |  |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V23 (A8)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |               |                          |                                |  |                    |                              |                                                |  |                                         |  |       |  |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                |                             |  |               | Targ. Coord. Corrections |                                |  | Fluxes             |                              | Miscellaneous                                  |  |                                         |  |       |  |
|               | (23)                                                                               | COSMOS-F160W-23 | RA: 10 01 7.9705 (150.2832104d)<br>Dec: +02 24 32.63 (2.40906d)<br>Equinox: J2000 |                             |  |               |                          |                                |  | V=25               |                              | Reference Frame: ICRS                          |  |                                         |  |       |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                   |                             |  |               |                          |                                |  |                    |                              |                                                |  |                                         |  |       |  |
| Exposures     | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        |  | Spectral Els. |                          | Opt. Params.                   |  | Special Reqs.      |                              | Groups                                         |  | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |  |
|               | 1                                                                                  |                 | (23) COSMOS-F160 W-23                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W         |                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |  |                    |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V23 (A8) |  | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |  |
|               | 2                                                                                  |                 | (23) COSMOS-F160 W-23                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W         |                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |  | POS TARG 134,0     |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V23 (A8) |  | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|               | 3                                                                                  |                 | (23) COSMOS-F160 W-23                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W         |                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |  | POS TARG 268,0     |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V23 (A8) |  | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|               | 4                                                                                  |                 | (23) COSMOS-F160 W-23                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W         |                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 |  | POS TARG 402,0     |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V23 (A8) |  | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |  |
|               | 5                                                                                  |                 | (23) COSMOS-F160 W-23                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W         |                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 |  | POS TARG 347.5,121 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V23 (A8) |  | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |  |
|               | 6                                                                                  |                 | (23) COSMOS-F160 W-23                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W         |                          | NSAMP=12;<br>SAMP-SEQ=SPAR S25 |  | POS TARG 213.5,121 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V23 (A8) |  | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |  |
|               | 7                                                                                  |                 | (23) COSMOS-F160 W-23                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W         |                          | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |  | POS TARG 79.5,121  |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V23 (A8) |  | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |
|               | 8                                                                                  |                 | (23) COSMOS-F160 W-23                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W         |                          | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |  | POS TARG -54.5,121 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V23 (A8) |  | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |



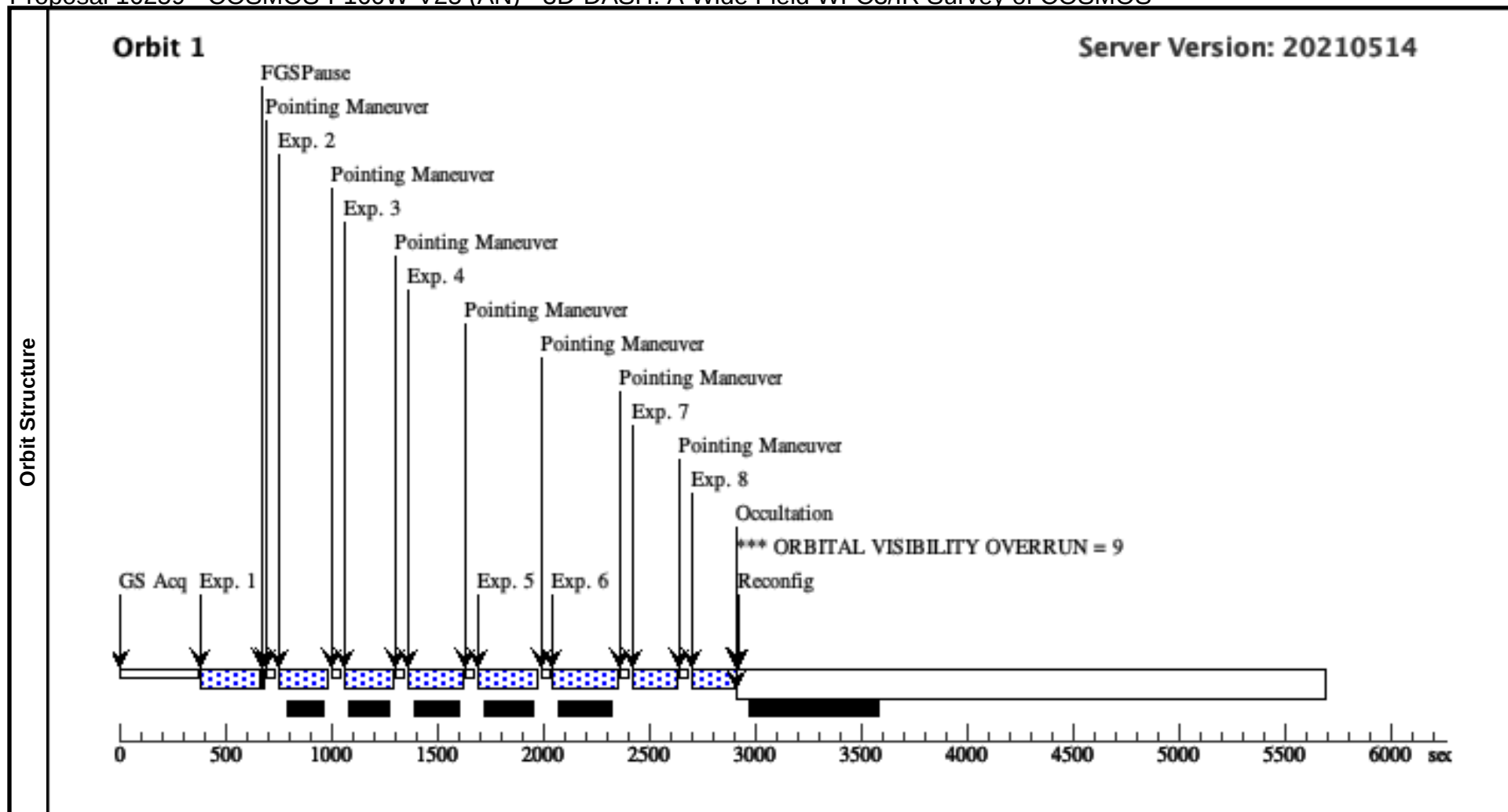
# Proposal 16259 - COSMOS-F160W-V24 (A9) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     |                              |
|---------------|------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|-----|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V24 (A9), completed                                   |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     | Wed Aug 25 21:02:42 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     |                              |
| Diagnostics   | (COSMOS-F160W-V24 (A9)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     |                              |
|               | (COSMOS-F160W-V24 (A9)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     |                              |
|               | (COSMOS-F160W-V24 (A9)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     |                              |
|               | (COSMOS-F160W-V24 (A9)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     |                              |
|               | (COSMOS-F160W-V24 (A9)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     |                              |
|               | (COSMOS-F160W-V24 (A9)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     |                              |
|               | (COSMOS-F160W-V24 (A9)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     |                              |
|               | (COSMOS-F160W-V24 (A9)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     |                              |
| Fixed Targets | #                                                                                  | Name                  | Target Coordinates                                                               |                             |                                | Targ. Coord. Corrections       |                                                | Fluxes                                         | Miscellaneous                   |     |                              |
|               | (24)                                                                               | COSMOS-F160W-24       | RA: 10 01 7.9190 (150.2829958d)<br>Dec: +02 20 8.95 (2.33582d)<br>Equinox: J2000 |                             |                                |                                |                                                | V=25                                           | Reference Frame: ICRS           |     |                              |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     |                              |
|               |                                                                                    |                       |                                                                                  |                             |                                |                                |                                                |                                                |                                 |     |                              |
| Exposures     | #                                                                                  | Label                 | Target                                                                           | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |     | Orbit                        |
|               | 1                                                                                  |                       | (24) COSMOS-F160 W-24                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V24 (A9) | 252.934546 Secs (252.935 Secs)  |     |                              |
|               |                                                                                    |                       |                                                                                  |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |
|               | 2                                                                                  |                       | (24) COSMOS-F160 W-24                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V24 (A9) | 202.936411 Secs (202.936 Secs)  |     |                              |
|               |                                                                                    |                       |                                                                                  |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |
|               | 3                                                                                  |                       | (24) COSMOS-F160 W-24                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 268,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V24 (A9) | 202.936411 Secs (202.936 Secs)  |     |                              |
|               |                                                                                    |                       |                                                                                  |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |
|               | 4                                                                                  |                       | (24) COSMOS-F160 W-24                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 402,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V24 (A9) | 227.936926 Secs (227.937 Secs)  |     |                              |
|               |                                                                                    |                       |                                                                                  |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |
|               | 5                                                                                  |                       | (24) COSMOS-F160 W-24                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 347.5,121                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V24 (A9) | 252.937441 Secs (252.937 Secs)  |     |                              |
|               |                                                                                    |                       |                                                                                  |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |
| 6             |                                                                                    | (24) COSMOS-F160 W-24 | WFC3/IR, MULTIACCUM, IR-FIX                                                      | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 213.5,121             | Sequence 1-8 Non-Int in COSMOS-F160 W-V24 (A9) | 277.937956 Secs (277.938 Secs)                 |                                 |     |                              |
|               |                                                                                    |                       |                                                                                  |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |
| 7             |                                                                                    | (24) COSMOS-F160 W-24 | WFC3/IR, MULTIACCUM, IR-FIX                                                      | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 79.5,121              | Sequence 1-8 Non-Int in COSMOS-F160 W-V24 (A9) | 177.935896 Secs (177.936 Secs)                 |                                 |     |                              |
|               |                                                                                    |                       |                                                                                  |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |
| 8             |                                                                                    | (24) COSMOS-F160 W-24 | WFC3/IR, MULTIACCUM, IR-FIX                                                      | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -54.5,121             | Sequence 1-8 Non-Int in COSMOS-F160 W-V24 (A9) | 177.935896 Secs (177.936 Secs)                 |                                 |     |                              |
|               |                                                                                    |                       |                                                                                  |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |



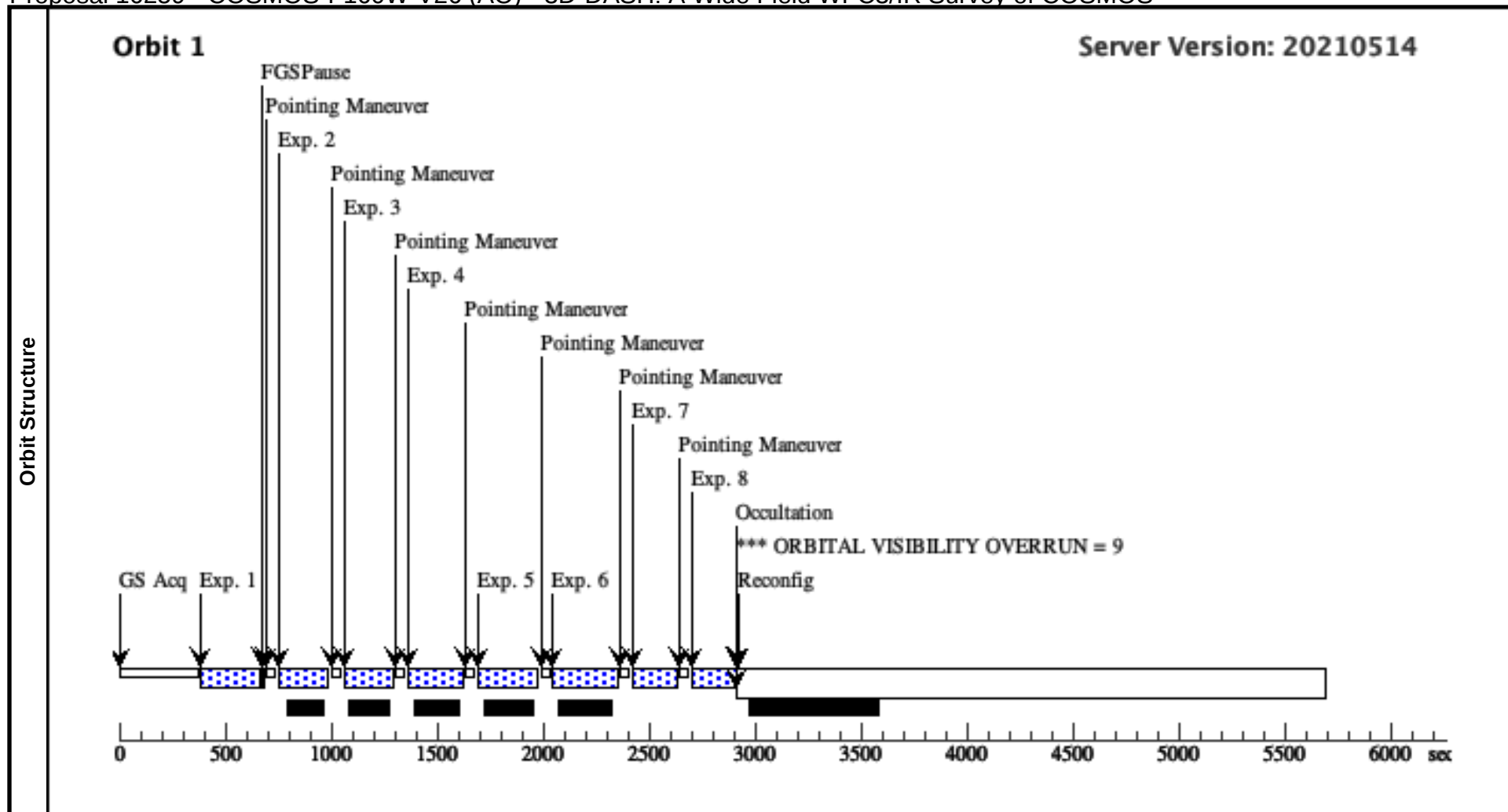
# Proposal 16259 - COSMOS-F160W-V25 (AN) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |
|---------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|-------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V25 (AN), completed                                   |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       | Wed Aug 25 21:02:42 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |
| Diagnostics   | (COSMOS-F160W-V25 (AN)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |
|               | (COSMOS-F160W-V25 (AN)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |
|               | (COSMOS-F160W-V25 (AN)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |
|               | (COSMOS-F160W-V25 (AN)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |
|               | (COSMOS-F160W-V25 (AN)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |
|               | (COSMOS-F160W-V25 (AN)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |
|               | (COSMOS-F160W-V25 (AN)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |
|               | (COSMOS-F160W-V25 (AN)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections       |                   | Fluxes                                         |                                         | Miscellaneous         |                              |
|               | (25)                                                                               | COSMOS-F160W-25 | RA: 10 01 24.0956 (150.3503983d)<br>Dec: +02 17 35.26 (2.29313d)<br>Equinox: J2000 |                             |               |                                |                   | V=25                                           |                                         | Reference Frame: ICRS |                              |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |
|               |                                                                                    |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |
| Exposures     | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.     | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |
|               | 1                                                                                  |                 | (25) COSMOS-F160 W-25                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                   | Sequence 1-8 Non-Int in COSMOS-F160 W-V25 (AN) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |
|               | 2                                                                                  |                 | (25) COSMOS-F160 W-25                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134,0    | Sequence 1-8 Non-Int in COSMOS-F160 W-V25 (AN) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |
|               | 3                                                                                  |                 | (25) COSMOS-F160 W-25                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 80,121   | Sequence 1-8 Non-Int in COSMOS-F160 W-V25 (AN) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |
|               | 4                                                                                  |                 | (25) COSMOS-F160 W-25                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -54,121  | Sequence 1-8 Non-Int in COSMOS-F160 W-V25 (AN) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |
|               | 5                                                                                  |                 | (25) COSMOS-F160 W-25                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -188,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V25 (AN) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |
|               | 6                                                                                  |                 | (25) COSMOS-F160 W-25                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -322,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V25 (AN) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |
|               | 7                                                                                  |                 | (25) COSMOS-F160 W-25                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -268,0   | Sequence 1-8 Non-Int in COSMOS-F160 W-V25 (AN) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |
|               | 8                                                                                  |                 | (25) COSMOS-F160 W-25                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -134,0   | Sequence 1-8 Non-Int in COSMOS-F160 W-V25 (AN) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |
|               |                                                                                    |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |



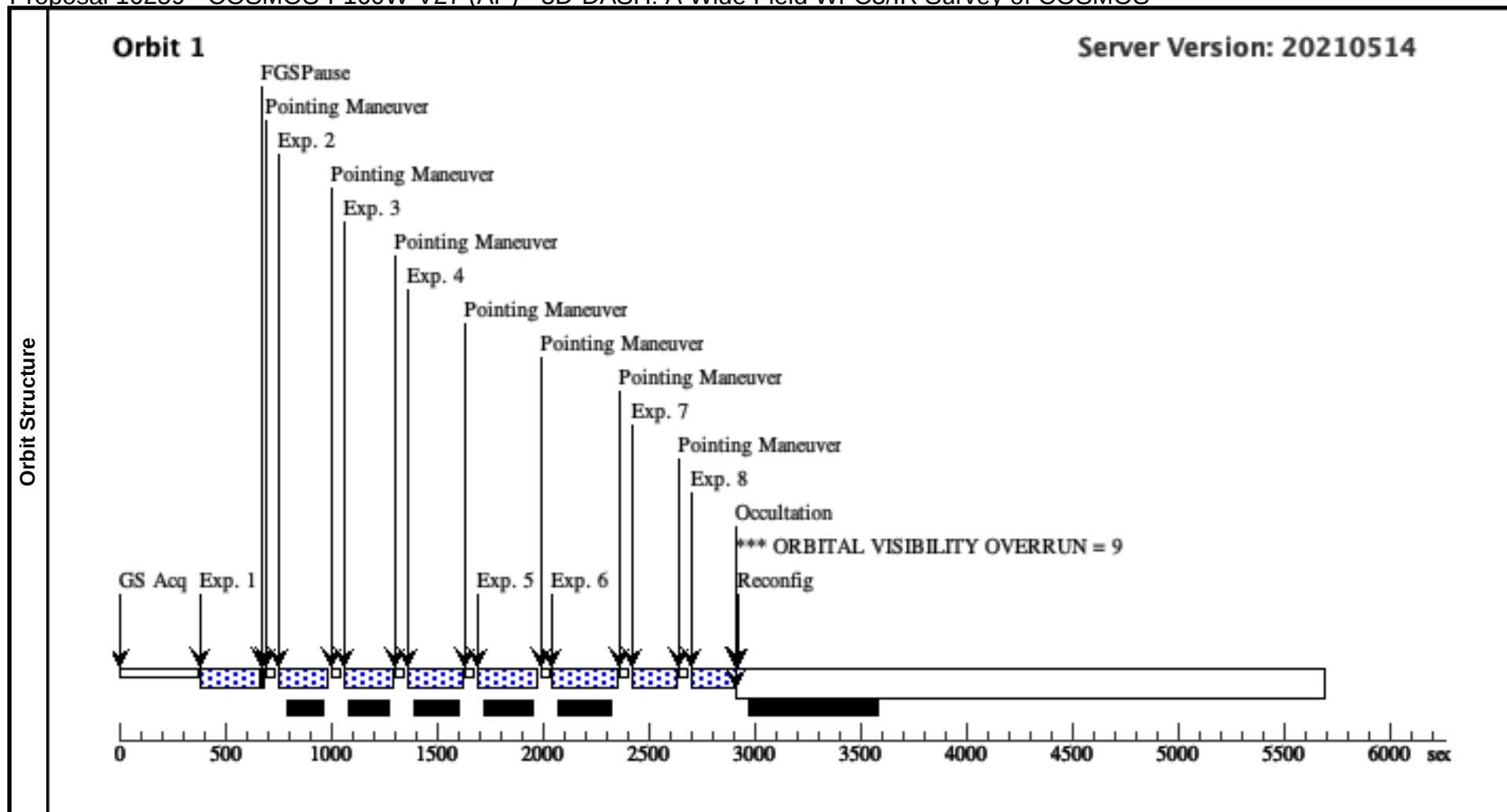
# Proposal 16259 - COSMOS-F160W-V26 (AO) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|---------------|------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|-----------------------|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V26 (AO), completed                                   |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       | Wed Aug 25 21:02:42 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Diagnostics   | (COSMOS-F160W-V26 (AO)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V26 (AO)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V26 (AO)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V26 (AO)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V26 (AO)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V26 (AO)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V26 (AO)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V26 (AO)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Fixed Targets | #                                                                                  | Name                  | Target Coordinates                                                                 |                             |                                | Targ. Coord. Corrections       |                                                | Fluxes                                         |                                 | Miscellaneous         |                              |
|               | (26)                                                                               | COSMOS-F160W-26       | RA: 10 01 24.0442 (150.3501842d)<br>Dec: +02 13 11.58 (2.21988d)<br>Equinox: J2000 |                             |                                |                                |                                                | V=25                                           |                                 | Reference Frame: ICRS |                              |
|               | Comments:                                                                          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                                 |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Exposures     | #                                                                                  | Label                 | Target                                                                             | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |                       | Orbit                        |
|               | 1                                                                                  |                       | (26) COSMOS-F160 W-26                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V26 (AO) | 252.934546 Secs (252.935 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 2                                                                                  |                       | (26) COSMOS-F160 W-26                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V26 (AO) | 202.936411 Secs (202.936 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 3                                                                                  |                       | (26) COSMOS-F160 W-26                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 80,121                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V26 (AO) | 202.936411 Secs (202.936 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 4                                                                                  |                       | (26) COSMOS-F160 W-26                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -54,121                               | Sequence 1-8 Non-Int in COSMOS-F160 W-V26 (AO) | 227.936926 Secs (227.937 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 5                                                                                  |                       | (26) COSMOS-F160 W-26                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -188,121                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V26 (AO) | 252.937441 Secs (252.937 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 6             |                                                                                    | (26) COSMOS-F160 W-26 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -322,121              | Sequence 1-8 Non-Int in COSMOS-F160 W-V26 (AO) | 277.937956 Secs (277.938 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 7             |                                                                                    | (26) COSMOS-F160 W-26 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -268,0                | Sequence 1-8 Non-Int in COSMOS-F160 W-V26 (AO) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 8             |                                                                                    | (26) COSMOS-F160 W-26 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -134,0                | Sequence 1-8 Non-Int in COSMOS-F160 W-V26 (AO) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |



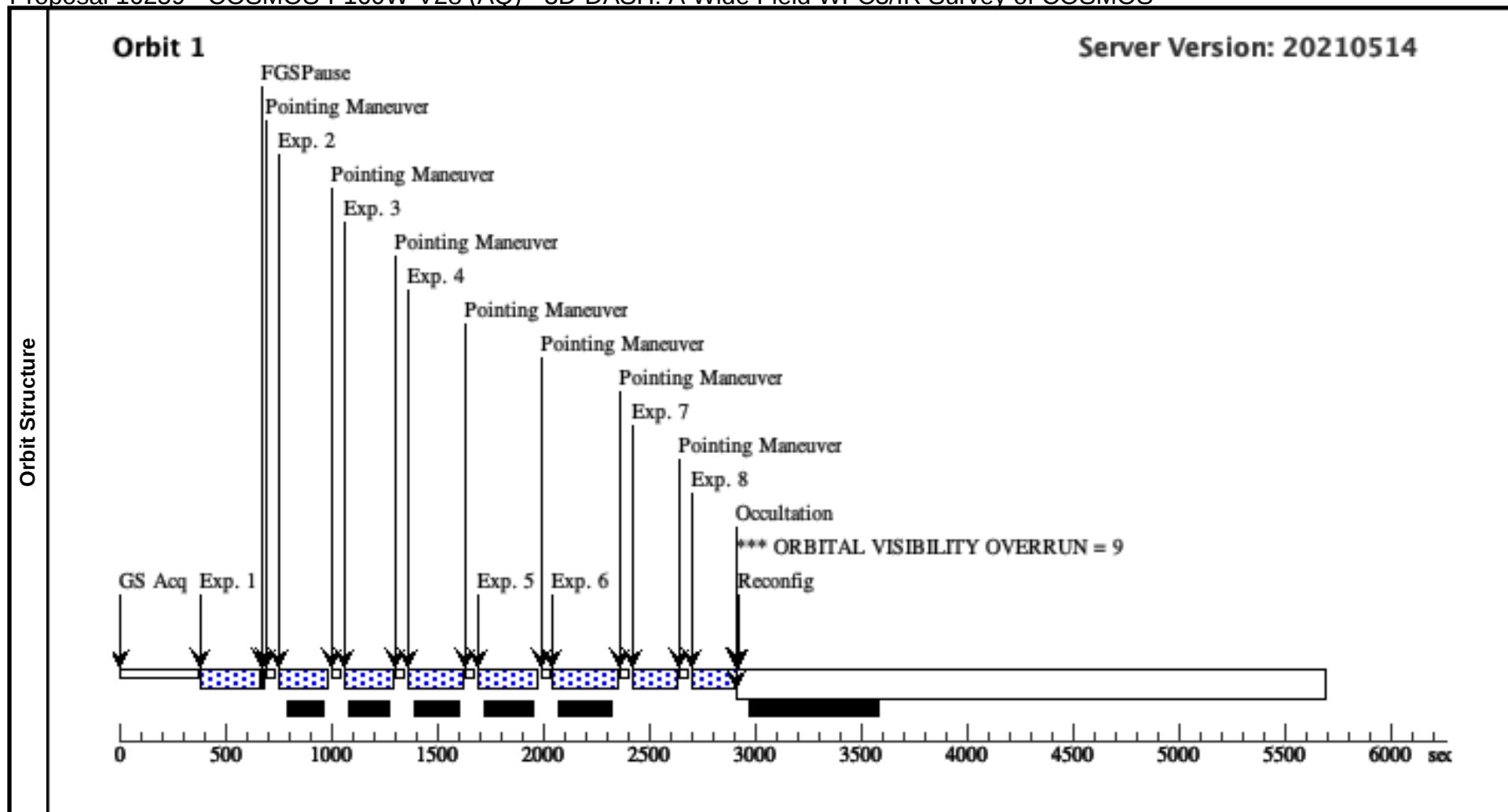
# Proposal 16259 - COSMOS-F160W-V27 (AP) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |
|---------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|--------------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V27 (AP), implementation                              |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  | Wed Aug 25 21:02:42 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 291D TO 291 D |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |
| Diagnostics   | (COSMOS-F160W-V27 (AP)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V27 (AP)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V27 (AP)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V27 (AP)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V27 (AP)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V27 (AP)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V27 (AP)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V27 (AP)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                          | Fluxes                                         | Miscellaneous                           |  |                              |
|               | (27)                                                                               | COSMOS-F160W-27 | RA: 10 01 7.7646 (150.2823525d)<br>Dec: +02 06 57.90 (2.11608d)<br>Equinox: J2000 |                             |               |                                |                          | V=25                                           | Reference Frame: ICRS                   |  |                              |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |
|               |                                                                                    |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |
| Exposures     | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.            | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |
|               | 1                                                                                  |                 | (27) COSMOS-F160 W-27                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  | GS ACQ SCENARI O BASE1B3 | Sequence 1-8 Non-Int in COSMOS-F160 W-V27 (AP) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |
|               | 2                                                                                  |                 | (27) COSMOS-F160 W-27                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -134,0          | Sequence 1-8 Non-Int in COSMOS-F160 W-V27 (AP) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|               | 3                                                                                  |                 | (27) COSMOS-F160 W-27                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -268,0          | Sequence 1-8 Non-Int in COSMOS-F160 W-V27 (AP) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|               | 4                                                                                  |                 | (27) COSMOS-F160 W-27                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -402,0          | Sequence 1-8 Non-Int in COSMOS-F160 W-V27 (AP) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |
|               | 5                                                                                  |                 | (27) COSMOS-F160 W-27                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -347.5,-121     | Sequence 1-8 Non-Int in COSMOS-F160 W-V27 (AP) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |
|               | 6                                                                                  |                 | (27) COSMOS-F160 W-27                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -213.5,-121     | Sequence 1-8 Non-Int in COSMOS-F160 W-V27 (AP) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |
|               | 7                                                                                  |                 | (27) COSMOS-F160 W-27                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -79.5,-121      | Sequence 1-8 Non-Int in COSMOS-F160 W-V27 (AP) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|               | 8                                                                                  |                 | (27) COSMOS-F160 W-27                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 54.5,-121       | Sequence 1-8 Non-Int in COSMOS-F160 W-V27 (AP) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|               |                                                                                    |                 |                                                                                   |                             |               |                                |                          |                                                |                                         |  |                              |



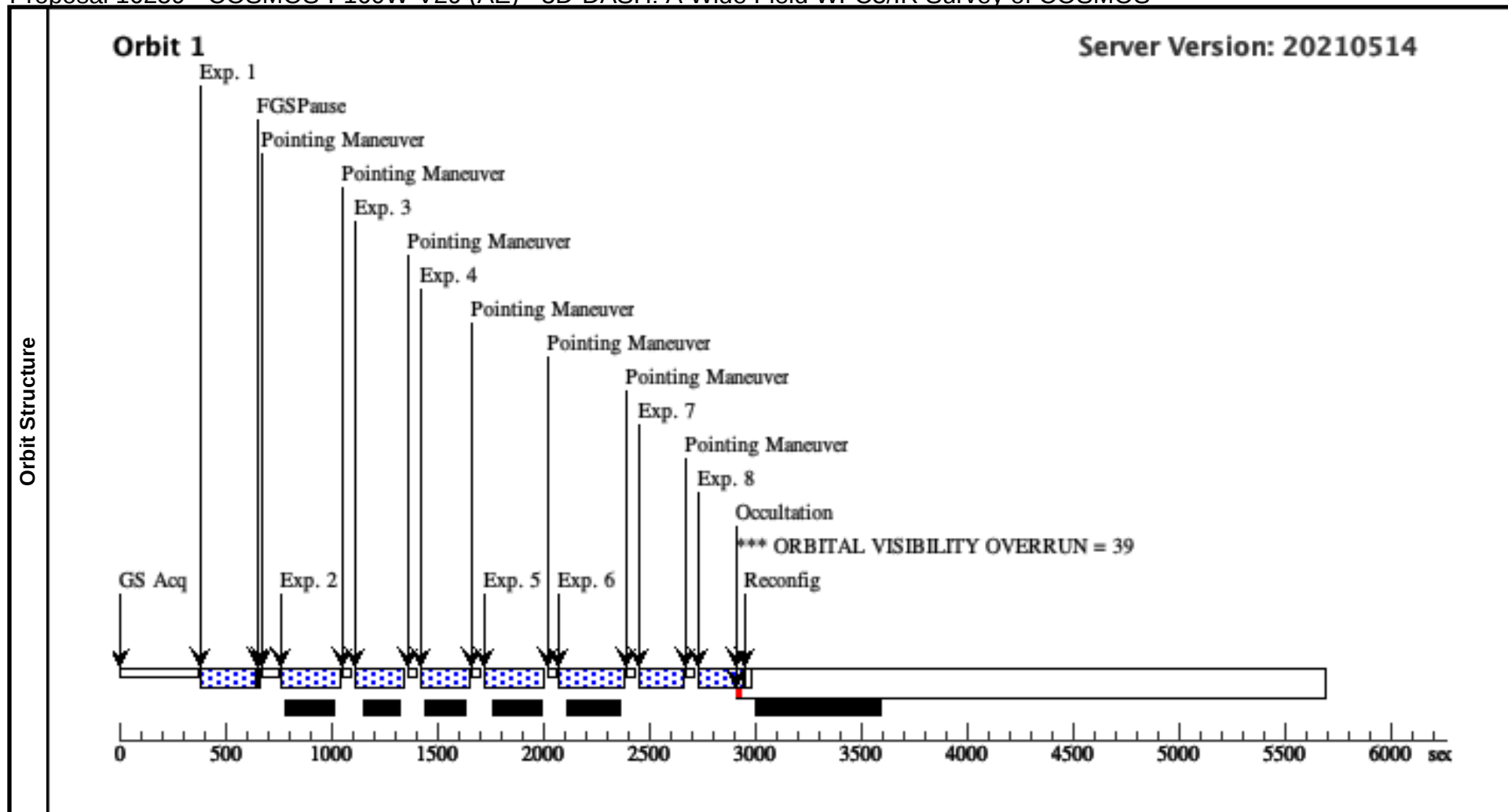
# Proposal 16259 - COSMOS-F160W-V28 (AQ) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |
|---------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|-------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|
| Visit         | Proposal 16259, COSMOS-F160W-V28 (AQ), completed                                   |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       | Wed Aug 25 21:02:42 GMT 2021 |  |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |
| Diagnostics   | (COSMOS-F160W-V28 (AQ)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V28 (AQ)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V28 (AQ)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V28 (AQ)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V28 (AQ)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V28 (AQ)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V28 (AQ)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V28 (AQ)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections       |                   | Fluxes                                         |                                         | Miscellaneous         |                              |  |
|               | (28)                                                                               | COSMOS-F160W-28 | RA: 10 01 23.9412 (150.3497550d)<br>Dec: +02 04 24.21 (2.07339d)<br>Equinox: J2000 |                             |               |                                |                   | V=25                                           |                                         | Reference Frame: ICRS |                              |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |
|               |                                                                                    |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |
| Exposures     | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.     | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |
|               | 1                                                                                  |                 | (28) COSMOS-F160 W-28                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                   | Sequence 1-8 Non-Int in COSMOS-F160 W-V28 (AQ) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |
|               | 2                                                                                  |                 | (28) COSMOS-F160 W-28                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134,0    | Sequence 1-8 Non-Int in COSMOS-F160 W-V28 (AQ) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 3                                                                                  |                 | (28) COSMOS-F160 W-28                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 80,121   | Sequence 1-8 Non-Int in COSMOS-F160 W-V28 (AQ) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 4                                                                                  |                 | (28) COSMOS-F160 W-28                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -54,121  | Sequence 1-8 Non-Int in COSMOS-F160 W-V28 (AQ) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |
|               | 5                                                                                  |                 | (28) COSMOS-F160 W-28                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -188,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V28 (AQ) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |
|               | 6                                                                                  |                 | (28) COSMOS-F160 W-28                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -322,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V28 (AQ) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |
|               | 7                                                                                  |                 | (28) COSMOS-F160 W-28                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -268,0   | Sequence 1-8 Non-Int in COSMOS-F160 W-V28 (AQ) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 8                                                                                  |                 | (28) COSMOS-F160 W-28                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -134,0   | Sequence 1-8 Non-Int in COSMOS-F160 W-V28 (AQ) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|               |                                                                                    |                 |                                                                                    |                             |               |                                |                   |                                                |                                         |                       |                              |  |



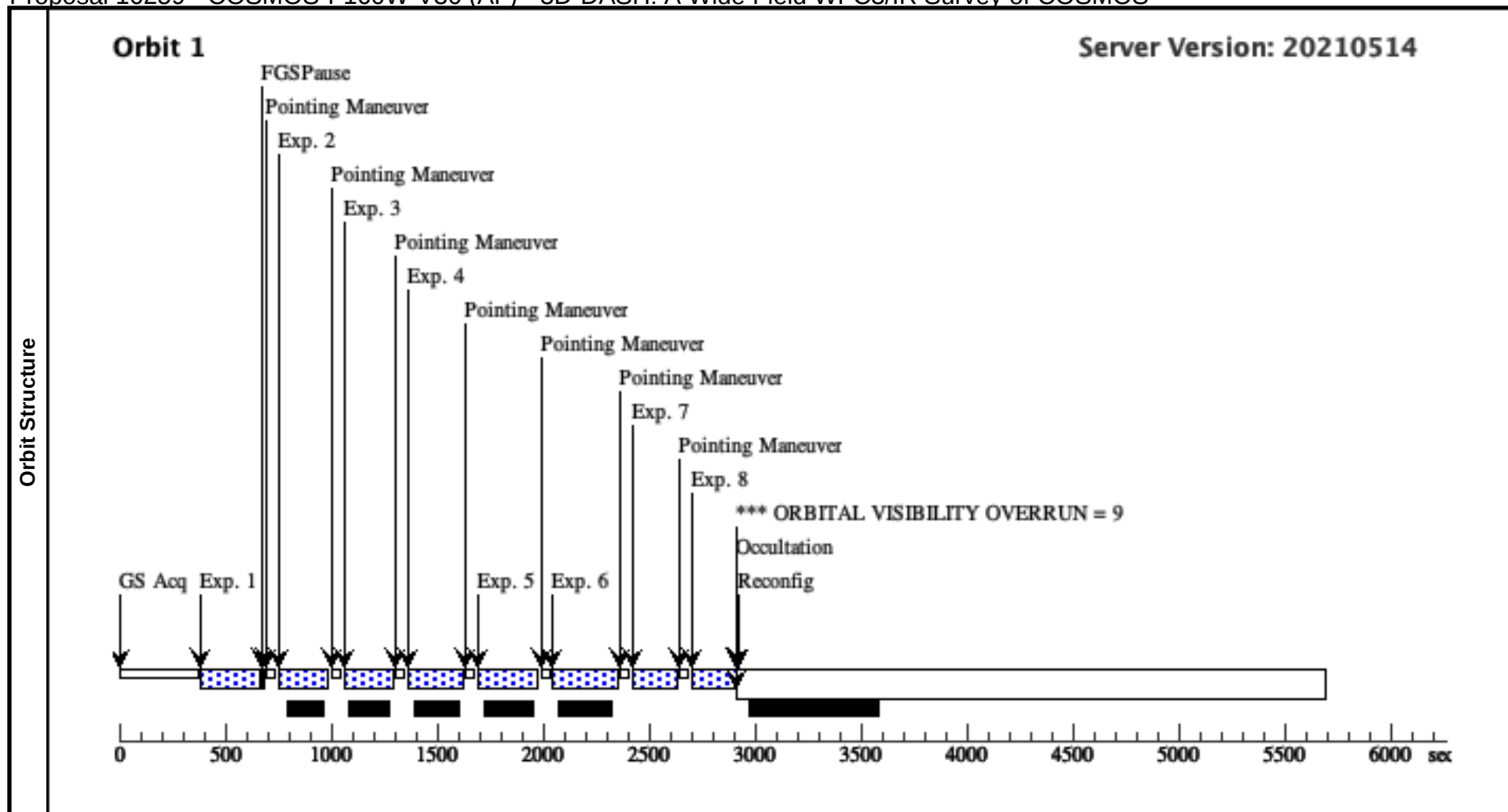
# Proposal 16259 - COSMOS-F160W-V29 (AE) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 |                              |       |
|---------------|------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------|-----------------------------|-------|--------------------------------|--------------------------------|--------------------------------------------------|------------------------------------------------|---------------------------------|------------------------------|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V29 (AE), completed                                   |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 | Wed Aug 25 21:02:42 GMT 2021 |       |
|               | Diagnostic Status: Warning                                                         |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 |                              |       |
|               | Scientific Instruments: WFC3/IR                                                    |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 |                              |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 |                              |       |
| Diagnostics   | (COSMOS-F160W-V29 (AE)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 |                              |       |
|               | (COSMOS-F160W-V29 (AE)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 |                              |       |
|               | (COSMOS-F160W-V29 (AE)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 |                              |       |
|               | (COSMOS-F160W-V29 (AE)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 |                              |       |
|               | (COSMOS-F160W-V29 (AE)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 |                              |       |
|               | (COSMOS-F160W-V29 (AE)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 |                              |       |
|               | (COSMOS-F160W-V29 (AE)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 |                              |       |
|               | (COSMOS-F160W-V29 (AE)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 |                              |       |
| Fixed Targets | #                                                                                  | Name                  | Target Coordinates                                                                |                             |       | Targ. Coord. Corrections       |                                | Fluxes                                           |                                                | Miscellaneous                   |                              |       |
|               | (29)                                                                               | COSMOS-F160W-29       | RA: 10 01 7.6616 (150.2819233d)<br>Dec: +01 58 10.53 (1.96959d)<br>Equinox: J2000 |                             |       |                                |                                | V=25                                             |                                                | Reference Frame: ICRS           |                              |       |
|               | Comments:                                                                          |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 |                              |       |
|               | Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                                 |                       |                                                                                   |                             |       |                                |                                |                                                  |                                                |                                 |                              |       |
| Exposures     | #                                                                                  | Label                 | Target                                                                            | Config,Mode,Aperture        |       | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                    | Groups                                         | Exp. Time (Total)/[Actual Dur.] |                              | Orbit |
|               | 1                                                                                  |                       | (29) COSMOS-F160 W-29                                                             | WFC3/IR, MULTIACCUM, IR-FIX |       | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 402,0                                   | Sequence 1-8 Non-Int in COSMOS-F160 W-V29 (AE) | 227.936926 Secs (227.937 Secs)  |                              |       |
|               |                                                                                    |                       |                                                                                   |                             |       |                                |                                |                                                  | [==>]                                          |                                 | [1]                          |       |
|               | 2                                                                                  |                       | (29) COSMOS-F160 W-29                                                             | WFC3/IR, MULTIACCUM, IR-FIX |       | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                  | Sequence 1-8 Non-Int in COSMOS-F160 W-V29 (AE) | 252.934546 Secs (252.935 Secs)  |                              |       |
|               |                                                                                    |                       |                                                                                   |                             |       |                                |                                |                                                  | [==>]                                          |                                 | [1]                          |       |
|               | 3                                                                                  |                       | (29) COSMOS-F160 W-29                                                             | WFC3/IR, MULTIACCUM, IR-FIX |       | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134,0                                   | Sequence 1-8 Non-Int in COSMOS-F160 W-V29 (AE) | 202.936411 Secs (202.936 Secs)  |                              |       |
|               |                                                                                    |                       |                                                                                   |                             |       |                                |                                |                                                  | [==>]                                          |                                 | [1]                          |       |
|               | 4                                                                                  |                       | (29) COSMOS-F160 W-29                                                             | WFC3/IR, MULTIACCUM, IR-FIX |       | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 267.336 99149561943,17.479 831696449434 | Sequence 1-8 Non-Int in COSMOS-F160 W-V29 (AE) | 202.936411 Secs (202.936 Secs)  |                              |       |
|               |                                                                                    |                       |                                                                                   |                             |       |                                |                                |                                                  | [==>]                                          |                                 | [1]                          |       |
|               | 5                                                                                  |                       | (29) COSMOS-F160 W-29                                                             | WFC3/IR, MULTIACCUM, IR-FIX |       | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 347.5,12 1                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V29 (AE) | 252.937441 Secs (252.937 Secs)  |                              |       |
|               |                                                                                    |                       |                                                                                   |                             |       |                                |                                | [==>]                                            |                                                | [1]                             |                              |       |
| 6             |                                                                                    | (29) COSMOS-F160 W-29 | WFC3/IR, MULTIACCUM, IR-FIX                                                       |                             | F160W | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 213.5,12 1            | Sequence 1-8 Non-Int in COSMOS-F160 W-V29 (AE)   | 277.937956 Secs (277.938 Secs)                 |                                 |                              |       |
|               |                                                                                    |                       |                                                                                   |                             |       |                                |                                | [==>]                                            |                                                | [1]                             |                              |       |
| 7             |                                                                                    | (29) COSMOS-F160 W-29 | WFC3/IR, MULTIACCUM, IR-FIX                                                       |                             | F160W | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 79.5,121              | Sequence 1-8 Non-Int in COSMOS-F160 W-V29 (AE)   | 177.935896 Secs (177.936 Secs)                 |                                 |                              |       |
|               |                                                                                    |                       |                                                                                   |                             |       |                                |                                | [==>]                                            |                                                | [1]                             |                              |       |
| 8             |                                                                                    | (29) COSMOS-F160 W-29 | WFC3/IR, MULTIACCUM, IR-FIX                                                       |                             | F160W | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -54.5,12 1            | Sequence 1-8 Non-Int in COSMOS-F160 W-V29 (AE)   | 177.935896 Secs (177.936 Secs)                 |                                 |                              |       |
|               |                                                                                    |                       |                                                                                   |                             |       |                                |                                | [==>]                                            |                                                | [1]                             |                              |       |



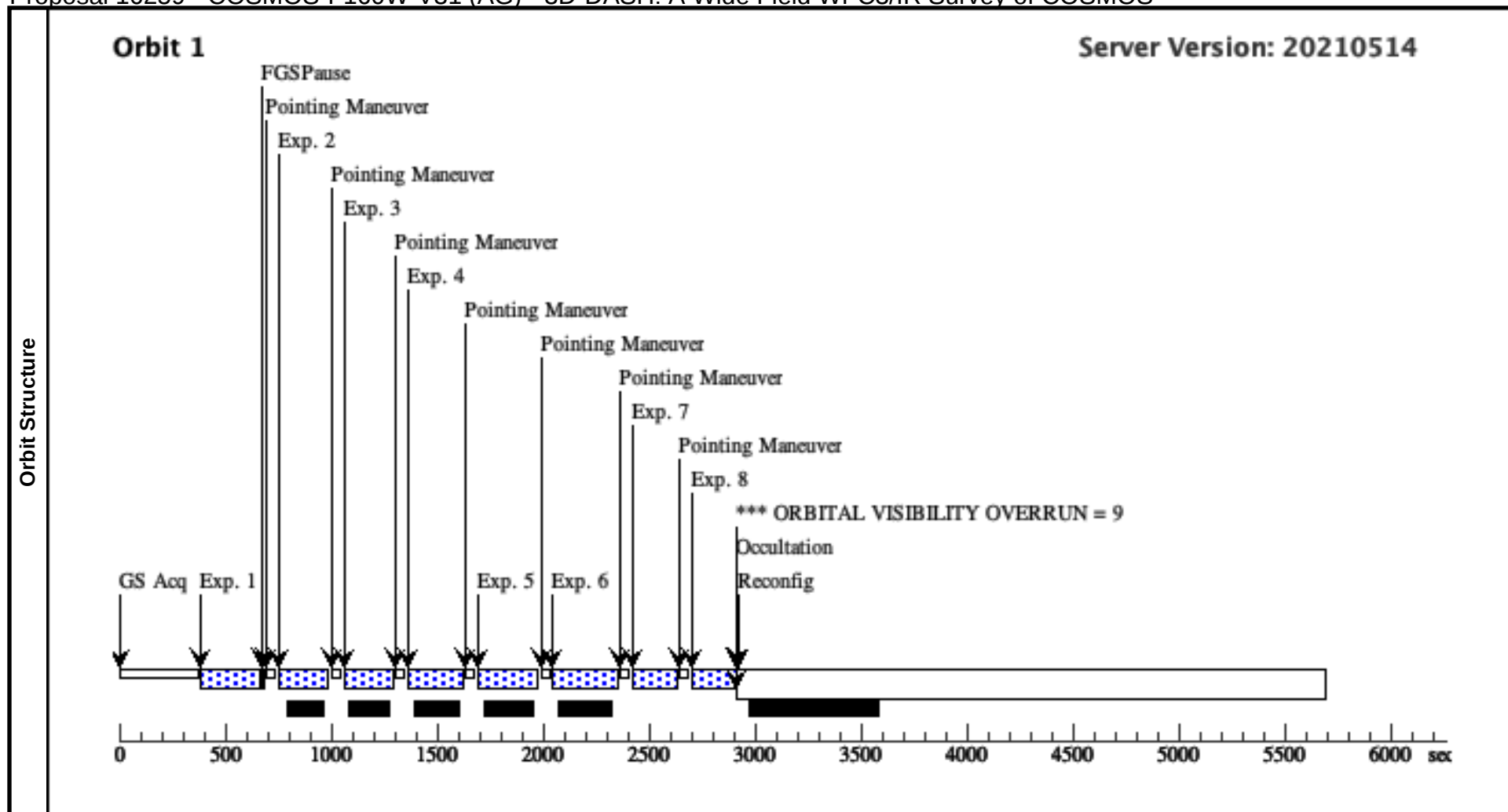
# Proposal 16259 - COSMOS-F160W-V30 (AF) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |
|---------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|--------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|--|
| Visit         | Proposal 16259, COSMOS-F160W-V30 (AF), completed                                   |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  | Wed Aug 25 21:02:42 GMT 2021 |  |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |
| Diagnostics   | (COSMOS-F160W-V30 (AF)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |
|               | (COSMOS-F160W-V30 (AF)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |
|               | (COSMOS-F160W-V30 (AF)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |
|               | (COSMOS-F160W-V30 (AF)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |
|               | (COSMOS-F160W-V30 (AF)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |
|               | (COSMOS-F160W-V30 (AF)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |
|               | (COSMOS-F160W-V30 (AF)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |
|               | (COSMOS-F160W-V30 (AF)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                    |                                                | Fluxes                                  |  | Miscellaneous                |  |
|               | (30)                                                                               | COSMOS-F160W-30 | RA: 10 01 7.6102 (150.2817092d)<br>Dec: +01 53 46.85 (1.89635d)<br>Equinox: J2000 |                             |               |                                |                    |                                                | V=25                                    |  | Reference Frame: ICRS        |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |  |
| Exposures     | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |  |
|               | 1                                                                                  |                 | (30) COSMOS-F160 W-30                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V30 (AF) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |  |
|               | 2                                                                                  |                 | (30) COSMOS-F160 W-30                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V30 (AF) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |  |
|               | 3                                                                                  |                 | (30) COSMOS-F160 W-30                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 268,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V30 (AF) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |  |
|               | 4                                                                                  |                 | (30) COSMOS-F160 W-30                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 402,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V30 (AF) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |  |
|               | 5                                                                                  |                 | (30) COSMOS-F160 W-30                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 347.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V30 (AF) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |  |
|               | 6                                                                                  |                 | (30) COSMOS-F160 W-30                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 213.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V30 (AF) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |  |
|               | 7                                                                                  |                 | (30) COSMOS-F160 W-30                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 79.5,121  | Sequence 1-8 Non-Int in COSMOS-F160 W-V30 (AF) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |  |
|               | 8                                                                                  |                 | (30) COSMOS-F160 W-30                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -54.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V30 (AF) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |  |



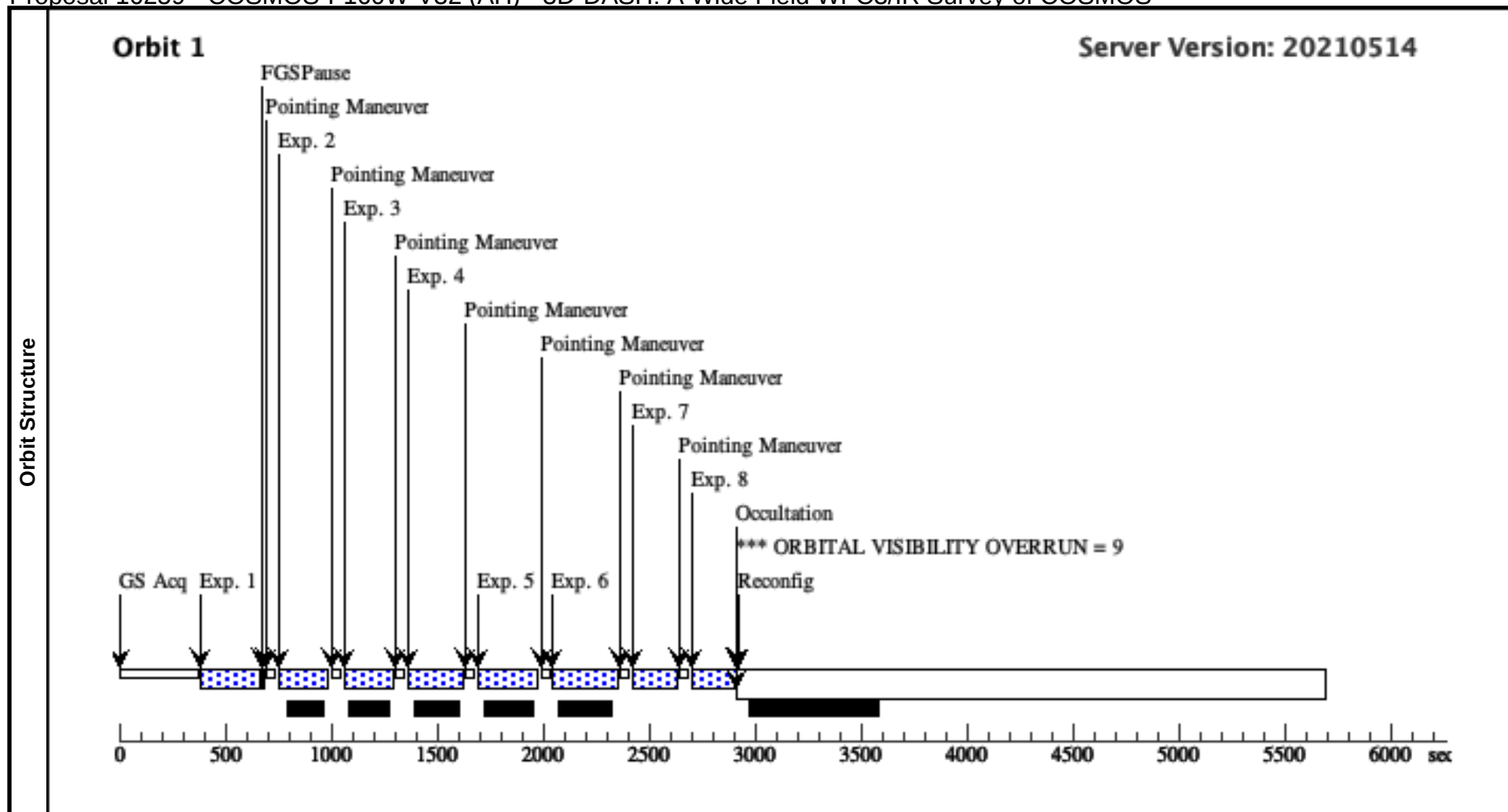
# Proposal 16259 - COSMOS-F160W-V31 (AG) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                   |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|---------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|--|--------------------------|--|--------------------------------|--------|--------------------|------------------------------|------------------------------------------------|--|-----------------------------------------|--|-------|--|
| Visit         | Proposal 16259, COSMOS-F160W-V31 (AG), completed                                   |                 |                                                                                   |                             |  |                          |  |                                |        |                    | Wed Aug 25 21:02:42 GMT 2021 |                                                |  |                                         |  |       |  |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                 |                                                                                   |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
| Diagnostics   | (COSMOS-F160W-V31 (AG)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V31 (AG)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V31 (AG)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V31 (AG)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V31 (AG)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V31 (AG)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V31 (AG)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V31 (AG)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                |                             |  | Targ. Coord. Corrections |  |                                | Fluxes |                    | Miscellaneous                |                                                |  |                                         |  |       |  |
|               | (31)                                                                               | COSMOS-F160W-31 | RA: 10 01 7.5587 (150.2814946d)<br>Dec: +01 49 23.17 (1.82310d)<br>Equinox: J2000 |                             |  |                          |  |                                | V=25   |                    | Reference Frame: ICRS        |                                                |  |                                         |  |       |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                   |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
| Exposures     | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        |  | Spectral Els.            |  | Opt. Params.                   |        | Special Reqs.      |                              | Groups                                         |  | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |  |
|               | 1                                                                                  |                 | (31) COSMOS-F160 W-31                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |        |                    |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V31 (AG) |  | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |  |
|               | 2                                                                                  |                 | (31) COSMOS-F160 W-31                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |        | POS TARG 134,0     |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V31 (AG) |  | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|               | 3                                                                                  |                 | (31) COSMOS-F160 W-31                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |        | POS TARG 268,0     |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V31 (AG) |  | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|               | 4                                                                                  |                 | (31) COSMOS-F160 W-31                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=10;<br>SAMP-SEQ=SPAR S25 |        | POS TARG 402,0     |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V31 (AG) |  | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |  |
|               | 5                                                                                  |                 | (31) COSMOS-F160 W-31                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=11;<br>SAMP-SEQ=SPAR S25 |        | POS TARG 347.5,121 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V31 (AG) |  | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |  |
|               | 6                                                                                  |                 | (31) COSMOS-F160 W-31                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=12;<br>SAMP-SEQ=SPAR S25 |        | POS TARG 213.5,121 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V31 (AG) |  | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |  |
|               | 7                                                                                  |                 | (31) COSMOS-F160 W-31                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |        | POS TARG 79.5,121  |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V31 (AG) |  | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |
|               | 8                                                                                  |                 | (31) COSMOS-F160 W-31                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |        | POS TARG -54.5,121 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V31 (AG) |  | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |



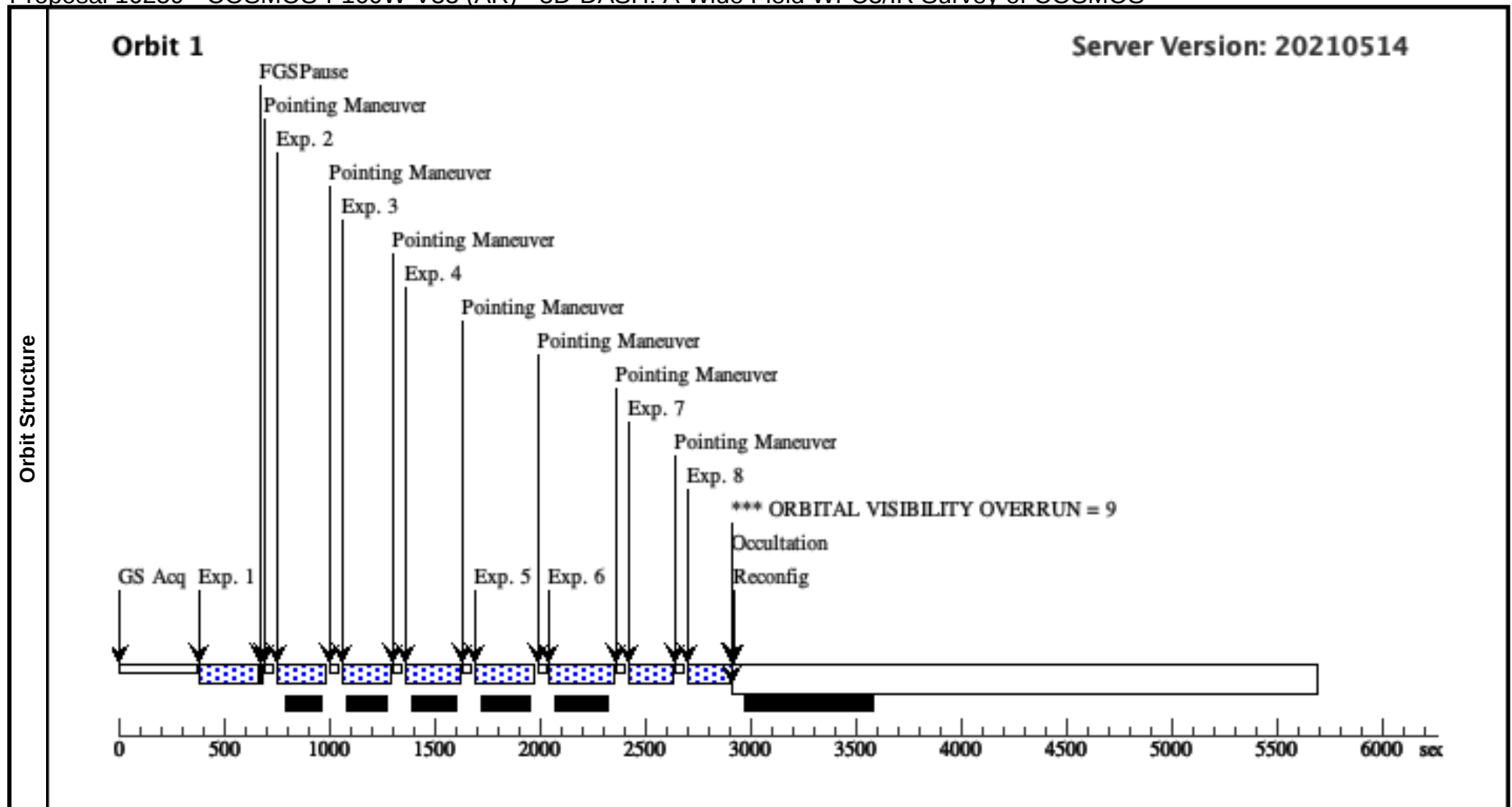
# Proposal 16259 - COSMOS-F160W-V32 (AH) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|---------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|--------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|
| Visit         | Proposal 16259, COSMOS-F160W-V32 (AH), completed                                   |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       | Wed Aug 25 21:02:42 GMT 2021 |  |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
| Diagnostics   | (COSMOS-F160W-V32 (AH)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V32 (AH)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V32 (AH)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V32 (AH)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V32 (AH)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V32 (AH)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V32 (AH)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V32 (AH)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                    | Fluxes                                         |                                         | Miscellaneous         |                              |  |
|               | (32)                                                                               | COSMOS-F160W-32 | RA: 10 01 7.5073 (150.2812804d)<br>Dec: +01 44 59.49 (1.74986d)<br>Equinox: J2000 |                             |               |                                |                    | V=25                                           |                                         | Reference Frame: ICRS |                              |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |
| Exposures     | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |
|               | 1                                                                                  |                 | (32) COSMOS-F160 W-32                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V32 (AH) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |
|               | 2                                                                                  |                 | (32) COSMOS-F160 W-32                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V32 (AH) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 3                                                                                  |                 | (32) COSMOS-F160 W-32                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 268,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V32 (AH) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 4                                                                                  |                 | (32) COSMOS-F160 W-32                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 402,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V32 (AH) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |
|               | 5                                                                                  |                 | (32) COSMOS-F160 W-32                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 347.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V32 (AH) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |
|               | 6                                                                                  |                 | (32) COSMOS-F160 W-32                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 213.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V32 (AH) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |
|               | 7                                                                                  |                 | (32) COSMOS-F160 W-32                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 79.5,121  | Sequence 1-8 Non-Int in COSMOS-F160 W-V32 (AH) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 8                                                                                  |                 | (32) COSMOS-F160 W-32                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -54.5,121 | Sequence 1-8 Non-Int in COSMOS-F160 W-V32 (AH) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|               |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |                       |                              |  |



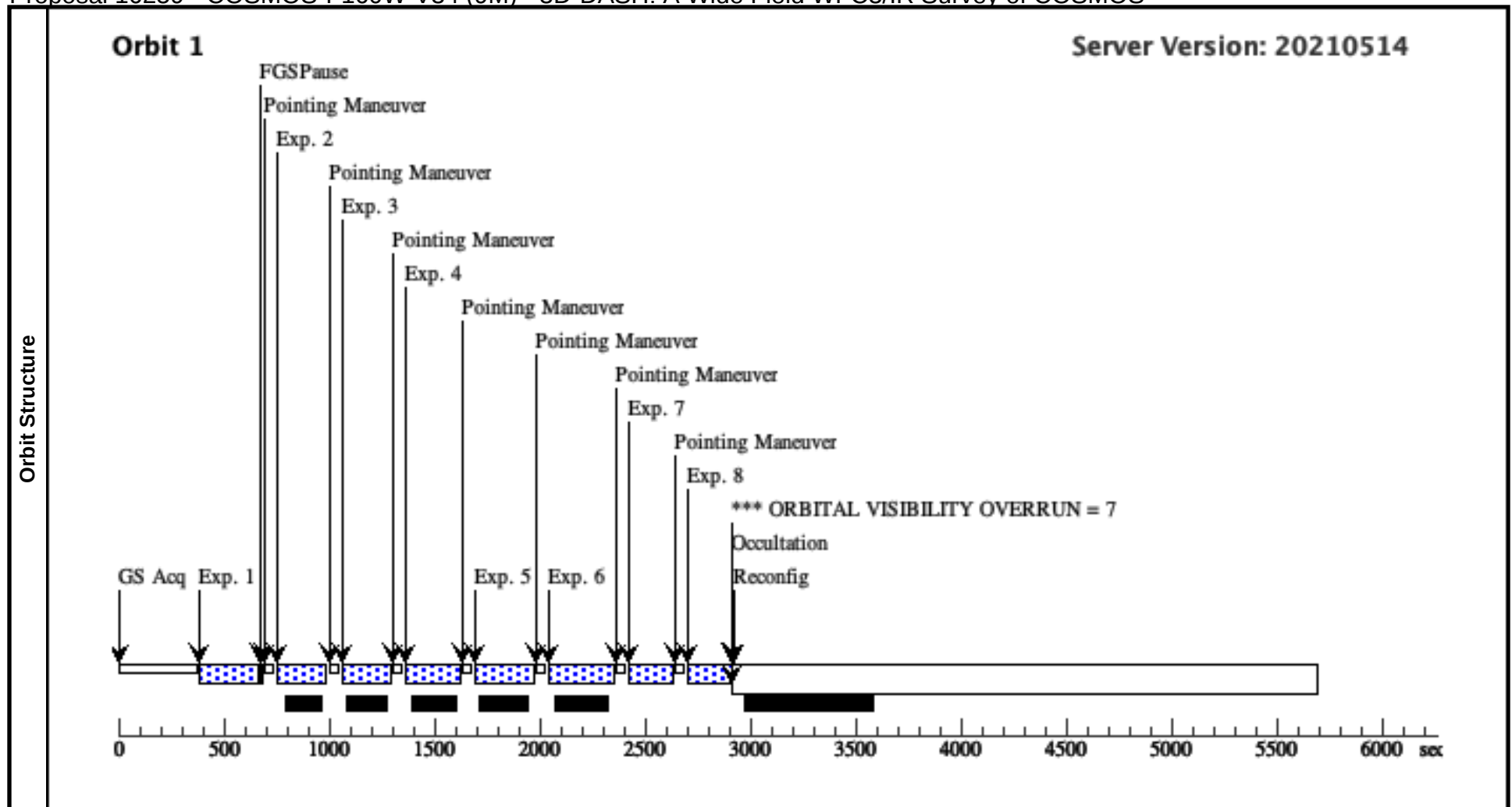
# Proposal 16259 - COSMOS-F160W-V33 (AR) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       |                              |
|---------------|------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------|-----------------------------|-------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|-----------------------|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V33 (AR), completed                                   |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       | Wed Aug 25 21:02:42 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 111D TO 111 D |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       |                              |
| Diagnostics   | (COSMOS-F160W-V33 (AR)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V33 (AR)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V33 (AR)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V33 (AR)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V33 (AR)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V33 (AR)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V33 (AR)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V33 (AR)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       |                              |
| Fixed Targets | #                                                                                  | Name                  | Target Coordinates                                                                 |                             |                               | Targ. Coord. Corrections       |                                                | Fluxes                                         |                                 | Miscellaneous         |                              |
|               | (33)                                                                               | COSMOS-F160W-33       | RA: 10 01 23.6837 (150.3486821d)<br>Dec: +01 42 25.80 (1.70717d)<br>Equinox: J2000 |                             |                               |                                |                                                | V=25                                           |                                 | Reference Frame: ICRS |                              |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                               |                                |                                                |                                                |                                 |                       |                              |
| Exposures     | #                                                                                  | Label                 | Target                                                                             | Config,Mode,Aperture        | Spectral Els.                 | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |                       | Orbit                        |
|               | 1                                                                                  |                       | (33) COSMOS-F160 W-33                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V33 (AR) | 252.934546 Secs (252.935 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                               |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 2                                                                                  |                       | (33) COSMOS-F160 W-33                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V33 (AR) | 202.936411 Secs (202.936 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                               |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 3                                                                                  |                       | (33) COSMOS-F160 W-33                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 80,121                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V33 (AR) | 202.936411 Secs (202.936 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                               |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 4                                                                                  |                       | (33) COSMOS-F160 W-33                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -54,121                               | Sequence 1-8 Non-Int in COSMOS-F160 W-V33 (AR) | 227.936926 Secs (227.937 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                               |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 5                                                                                  |                       | (33) COSMOS-F160 W-33                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -188,121                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V33 (AR) | 252.937441 Secs (252.937 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                               |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 6                                                                                  |                       | (33) COSMOS-F160 W-33                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -322,121                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V33 (AR) | 277.937956 Secs (277.938 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                               |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 7             |                                                                                    | (33) COSMOS-F160 W-33 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25 | POS TARG -268,0                | Sequence 1-8 Non-Int in COSMOS-F160 W-V33 (AR) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                               |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 8             |                                                                                    | (33) COSMOS-F160 W-33 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25 | POS TARG -134,0                | Sequence 1-8 Non-Int in COSMOS-F160 W-V33 (AR) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                               |                                |                                                | [==>]                                          |                                 | [1]                   |                              |



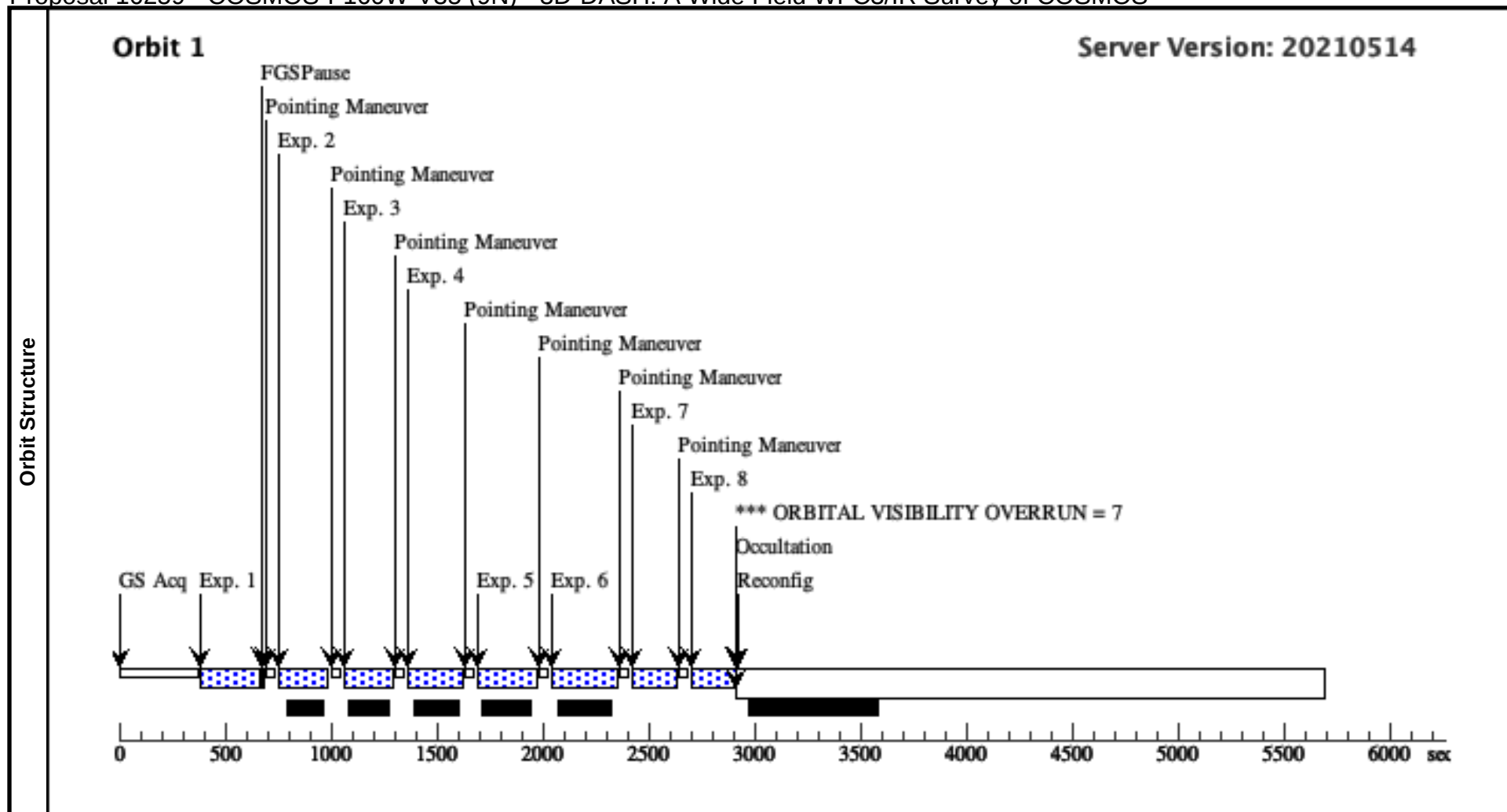
# Proposal 16259 - COSMOS-F160W-V34 (9M) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |
|---------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|-----------------------------------|--------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V34 (9M), completed                                   |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  | Wed Aug 25 21:02:42 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |
| Diagnostics   | (COSMOS-F160W-V34 (9M)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V34 (9M)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V34 (9M)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V34 (9M)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V34 (9M)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V34 (9M)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V34 (9M)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V34 (9M)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections          |                    | Fluxes                                         | Miscellaneous                           |  |                              |
|               | (34)                                                                               | COSMOS-F160W-34 | RA: 09 59 34.6160 (149.8942333d)<br>Dec: +02 47 8.14 (2.78559d)<br>Equinox: J2000 |                             |               |                                   |                    | V=25                                           | Reference Frame: ICRS                   |  |                              |
|               | Comments:                                                                          |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |
|               | Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                                 |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |
| Exposures     | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                      | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |
|               | 1                                                                                  |                 | (34) COSMOS-F160 W-34                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR<br>S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V34 (9M) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |
|               | 2                                                                                  |                 | (34) COSMOS-F160 W-34                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG 132,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V34 (9M) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|               | 3                                                                                  |                 | (34) COSMOS-F160 W-34                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG 264,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V34 (9M) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|               | 4                                                                                  |                 | (34) COSMOS-F160 W-34                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG 396,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V34 (9M) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |
|               | 5                                                                                  |                 | (34) COSMOS-F160 W-34                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG 352.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V34 (9M) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |
|               | 6                                                                                  |                 | (34) COSMOS-F160 W-34                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG 220.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V34 (9M) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |
|               | 7                                                                                  |                 | (34) COSMOS-F160 W-34                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG 88,117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V34 (9M) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|               | 8                                                                                  |                 | (34) COSMOS-F160 W-34                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG -43.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V34 (9M) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|               |                                                                                    |                 |                                                                                   |                             |               |                                   |                    |                                                |                                         |  |                              |



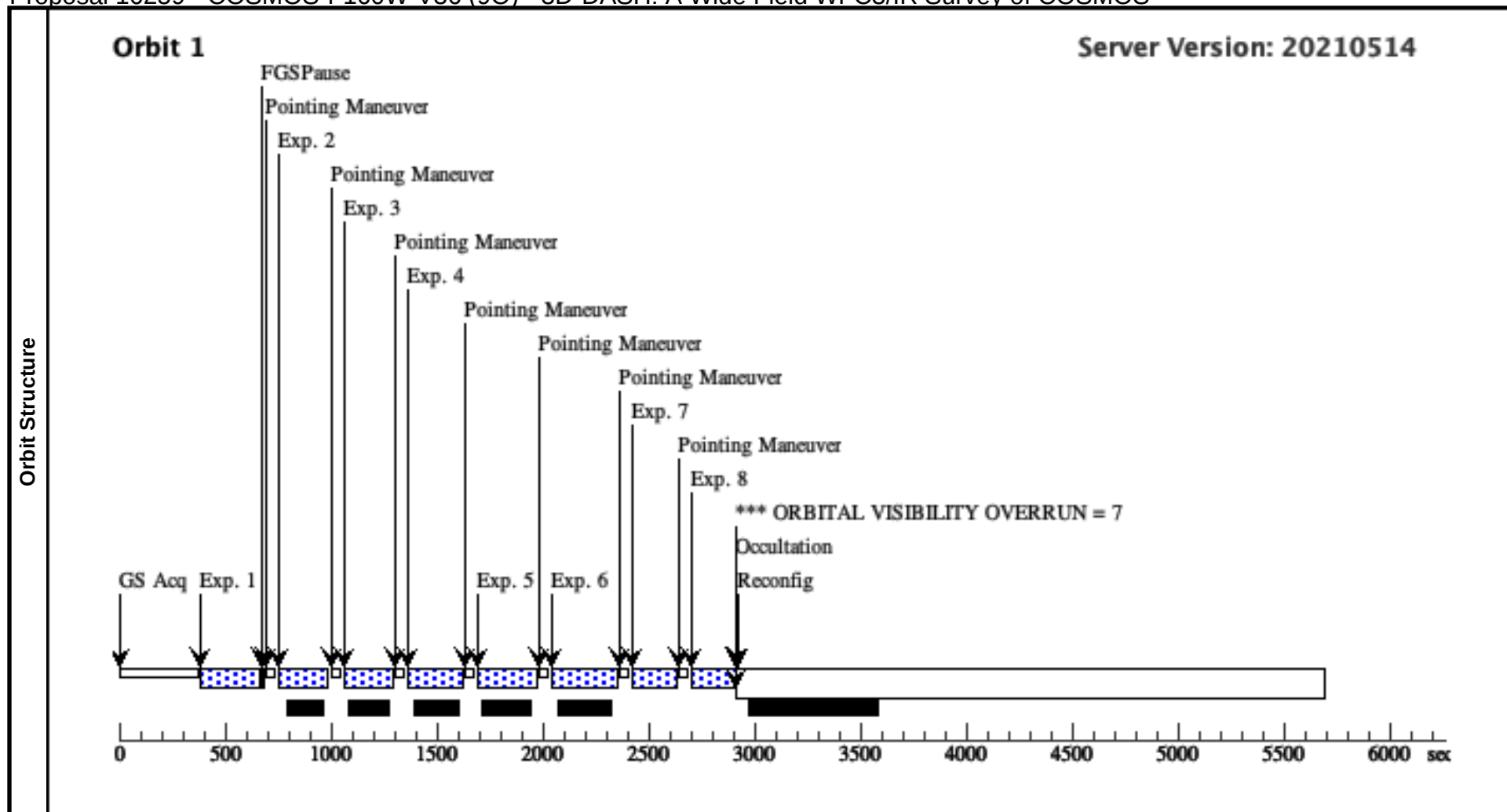
# Proposal 16259 - COSMOS-F160W-V35 (9N) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                    |                             |               |                                   |                    |                                                |                                         |                       |                              |
|---------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|-----------------------------------|--------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V35 (9N), completed                                   |                 |                                                                                    |                             |               |                                   |                    |                                                |                                         |                       | Wed Aug 25 21:02:42 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                   |                    |                                                |                                         |                       |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                   |                    |                                                |                                         |                       |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                 |                                                                                    |                             |               |                                   |                    |                                                |                                         |                       |                              |
| Diagnostics   | (COSMOS-F160W-V35 (9N)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                   |                    |                                                |                                         |                       |                              |
|               | (COSMOS-F160W-V35 (9N)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                   |                    |                                                |                                         |                       |                              |
|               | (COSMOS-F160W-V35 (9N)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                   |                    |                                                |                                         |                       |                              |
|               | (COSMOS-F160W-V35 (9N)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                   |                    |                                                |                                         |                       |                              |
|               | (COSMOS-F160W-V35 (9N)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                   |                    |                                                |                                         |                       |                              |
|               | (COSMOS-F160W-V35 (9N)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                   |                    |                                                |                                         |                       |                              |
|               | (COSMOS-F160W-V35 (9N)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                   |                    |                                                |                                         |                       |                              |
|               | (COSMOS-F160W-V35 (9N)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                   |                    |                                                |                                         |                       |                              |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections          |                    | Fluxes                                         |                                         | Miscellaneous         |                              |
|               | (35)                                                                               | COSMOS-F160W-35 | RA: 09 59 34.5672 (149.8940300d)<br>Dec: +02 42 58.55 (2.71626d)<br>Equinox: J2000 |                             |               |                                   |                    | V=25                                           |                                         | Reference Frame: ICRS |                              |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                    |                             |               |                                   |                    |                                                |                                         |                       |                              |
| Exposures     | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                      | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |
|               | 1                                                                                  |                 | (35) COSMOS-F160 W-35                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR<br>S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V35 (9N) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |
|               | 2                                                                                  |                 | (35) COSMOS-F160 W-35                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG 132,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V35 (9N) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |
|               | 3                                                                                  |                 | (35) COSMOS-F160 W-35                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG 264,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V35 (9N) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |
|               | 4                                                                                  |                 | (35) COSMOS-F160 W-35                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG 396,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V35 (9N) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |
|               | 5                                                                                  |                 | (35) COSMOS-F160 W-35                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG 352.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V35 (9N) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |
|               | 6                                                                                  |                 | (35) COSMOS-F160 W-35                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR<br>S25 | POS TARG 220.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V35 (9N) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |
|               | 7                                                                                  |                 | (35) COSMOS-F160 W-35                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG 88,117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V35 (9N) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |
|               | 8                                                                                  |                 | (35) COSMOS-F160 W-35                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR<br>S25  | POS TARG -43.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V35 (9N) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |



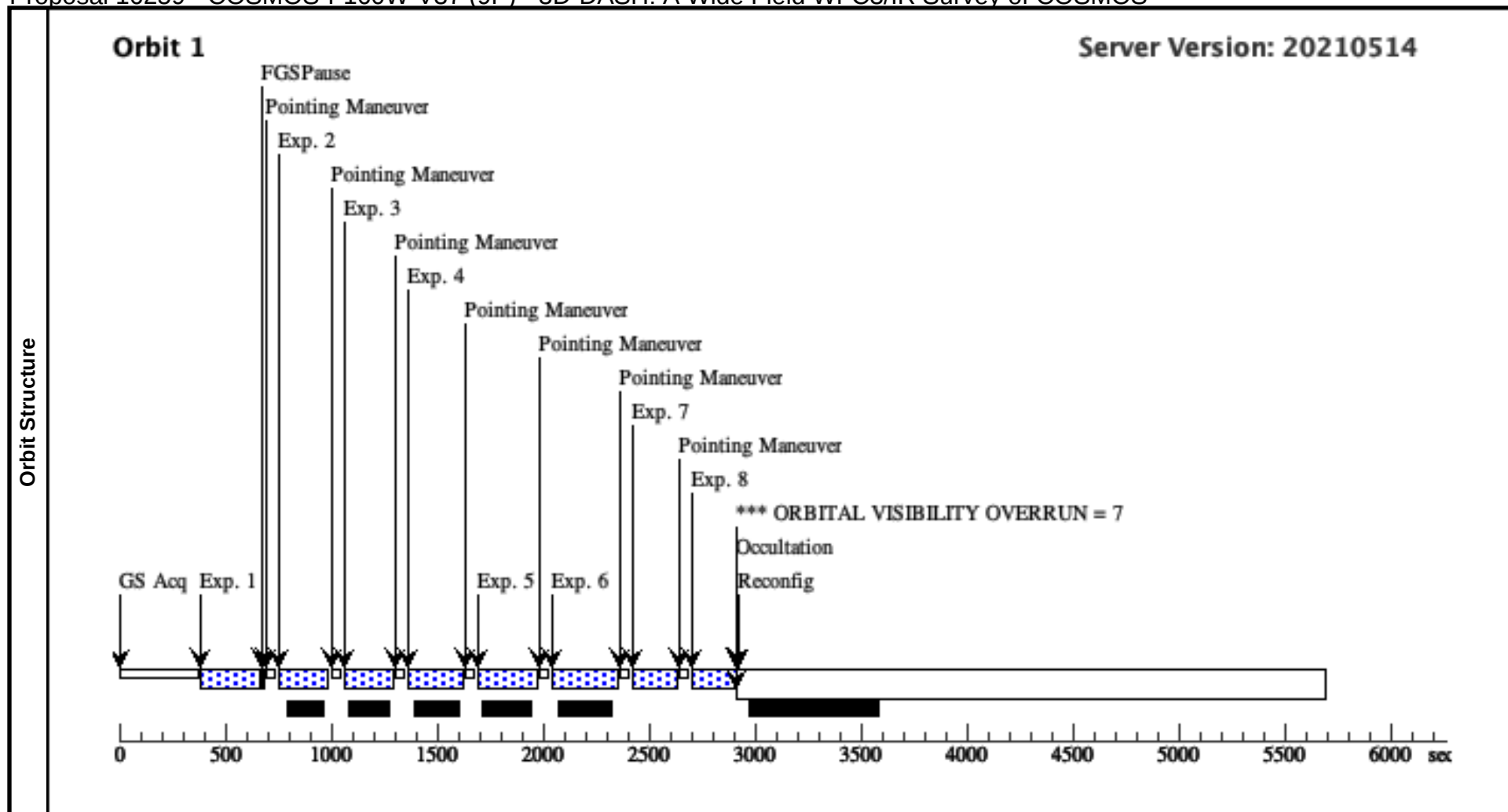
# Proposal 16259 - COSMOS-F160W-V36 (9O) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |       |
|---------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|--------------------|------------------------------------------------|-----------------------------------------|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V36 (9O), completed                                   |                 |                                                                                    |                             |               | Wed Aug 25 21:02:42 GMT 2021   |                    |                                                |                                         |       |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |       |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |       |
| Diagnostics   | (COSMOS-F160W-V36 (9O)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |       |
|               | (COSMOS-F160W-V36 (9O)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |       |
|               | (COSMOS-F160W-V36 (9O)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |       |
|               | (COSMOS-F160W-V36 (9O)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |       |
|               | (COSMOS-F160W-V36 (9O)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |       |
|               | (COSMOS-F160W-V36 (9O)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |       |
|               | (COSMOS-F160W-V36 (9O)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |       |
|               | (COSMOS-F160W-V36 (9O)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |       |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                 | Targ. Coord. Corrections    | Fluxes        | Miscellaneous                  |                    |                                                |                                         |       |
|               | (36)                                                                               | COSMOS-F160W-36 | RA: 09 59 34.5184 (149.8938267d)<br>Dec: +02 38 48.95 (2.64693d)<br>Equinox: J2000 |                             | V=25          | Reference Frame: ICRS          |                    |                                                |                                         |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |       |
| Exposures     | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         | Orbit |
|               | 1                                                                                  |                 | (36) COSMOS-F160 W-36                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V36 (9O) | 252.934546 Secs (252.935 Secs)<br>[==>] | [1]   |
|               | 2                                                                                  |                 | (36) COSMOS-F160 W-36                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 132,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V36 (9O) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |
|               | 3                                                                                  |                 | (36) COSMOS-F160 W-36                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 264,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V36 (9O) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |
|               | 4                                                                                  |                 | (36) COSMOS-F160 W-36                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 396,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V36 (9O) | 227.936926 Secs (227.937 Secs)<br>[==>] | [1]   |
|               | 5                                                                                  |                 | (36) COSMOS-F160 W-36                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 352.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V36 (9O) | 252.937441 Secs (252.937 Secs)<br>[==>] | [1]   |
|               | 6                                                                                  |                 | (36) COSMOS-F160 W-36                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 220.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V36 (9O) | 277.937956 Secs (277.938 Secs)<br>[==>] | [1]   |
|               | 7                                                                                  |                 | (36) COSMOS-F160 W-36                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 88,117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V36 (9O) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |
|               | 8                                                                                  |                 | (36) COSMOS-F160 W-36                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V36 (9O) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |



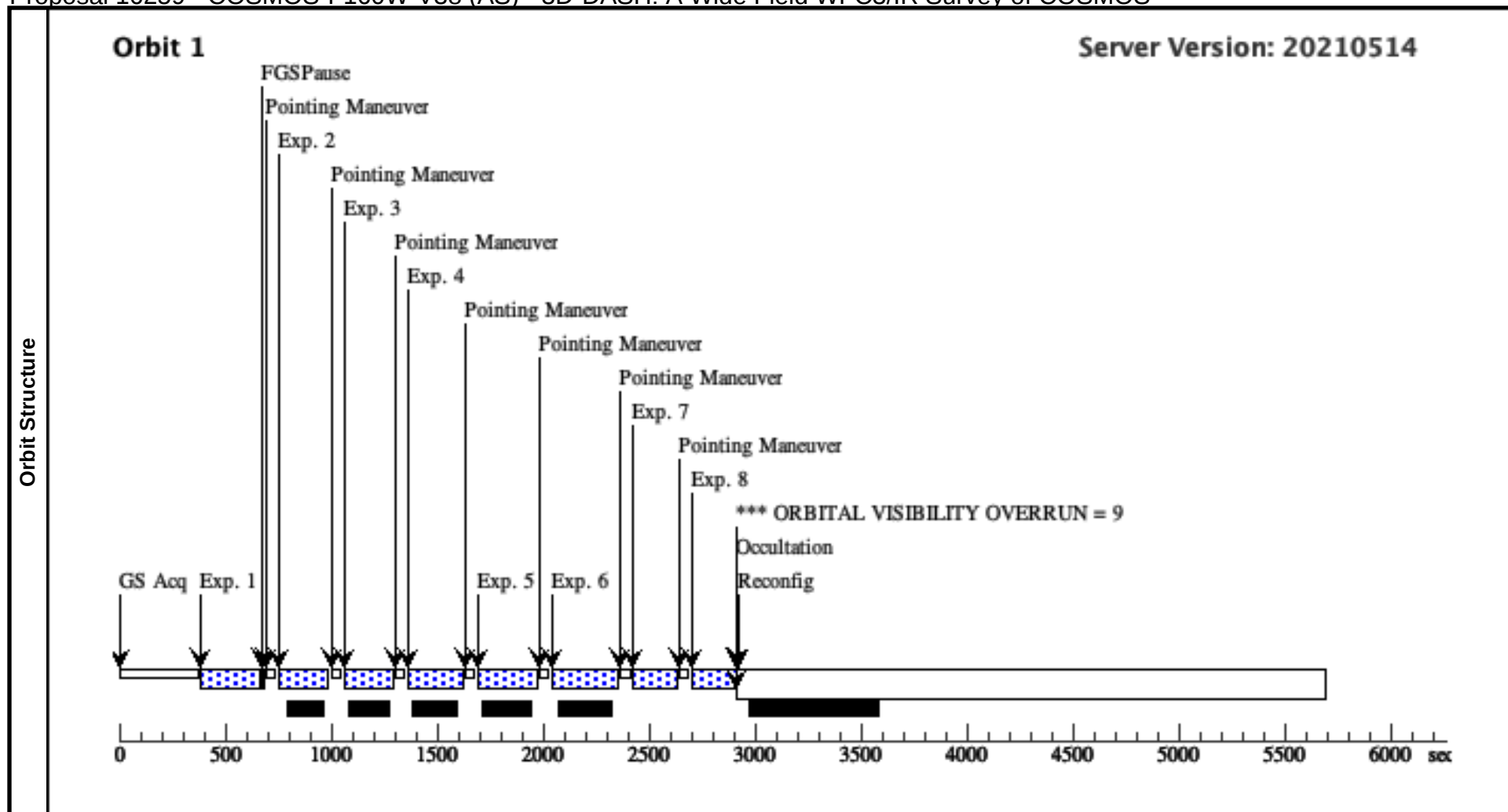
# Proposal 16259 - COSMOS-F160W-V37 (9P) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                    |                             |       |                          |                                |  |                    |                                                |                                         |  |       |  |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|-------|--------------------------|--------------------------------|--|--------------------|------------------------------------------------|-----------------------------------------|--|-------|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V37 (9P), completed                                   |                 |                                                                                    |                             |       |                          |                                |  |                    |                                                | Wed Aug 25 21:02:42 GMT 2021            |  |       |  |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |       |                          |                                |  |                    |                                                |                                         |  |       |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |       |                          |                                |  |                    |                                                |                                         |  |       |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                 |                                                                                    |                             |       |                          |                                |  |                    |                                                |                                         |  |       |  |
| Diagnostics                                                     | (COSMOS-F160W-V37 (9P)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |       |                          |                                |  |                    |                                                |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V37 (9P)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |       |                          |                                |  |                    |                                                |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V37 (9P)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |       |                          |                                |  |                    |                                                |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V37 (9P)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |       |                          |                                |  |                    |                                                |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V37 (9P)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |       |                          |                                |  |                    |                                                |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V37 (9P)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |       |                          |                                |  |                    |                                                |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V37 (9P)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |       |                          |                                |  |                    |                                                |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V37 (9P)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |       |                          |                                |  |                    |                                                |                                         |  |       |  |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                 |                             |       | Targ. Coord. Corrections |                                |  | Fluxes             |                                                | Miscellaneous                           |  |       |  |
|                                                                 | (37)                                                                               | COSMOS-F160W-37 | RA: 09 59 34.4696 (149.8936233d)<br>Dec: +02 34 39.36 (2.57760d)<br>Equinox: J2000 |                             |       |                          |                                |  | V=25               |                                                | Reference Frame: ICRS                   |  |       |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                    |                             |       |                          |                                |  |                    |                                                |                                         |  |       |  |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        |       | Spectral Els.            | Opt. Params.                   |  | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |  |
|                                                                 | 1                                                                                  |                 | (37) COSMOS-F160 W-37                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V37 (9P) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 2                                                                                  |                 | (37) COSMOS-F160 W-37                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |  | POS TARG 132,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V37 (9P) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 3                                                                                  |                 | (37) COSMOS-F160 W-37                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |  | POS TARG 264,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V37 (9P) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 4                                                                                  |                 | (37) COSMOS-F160 W-37                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 |  | POS TARG 396,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V37 (9P) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 5                                                                                  |                 | (37) COSMOS-F160 W-37                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 |  | POS TARG 352.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V37 (9P) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 6                                                                                  |                 | (37) COSMOS-F160 W-37                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 |  | POS TARG 220.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V37 (9P) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 7                                                                                  |                 | (37) COSMOS-F160 W-37                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |  | POS TARG 88,117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V37 (9P) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 8                                                                                  |                 | (37) COSMOS-F160 W-37                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |  | POS TARG -43.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V37 (9P) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |



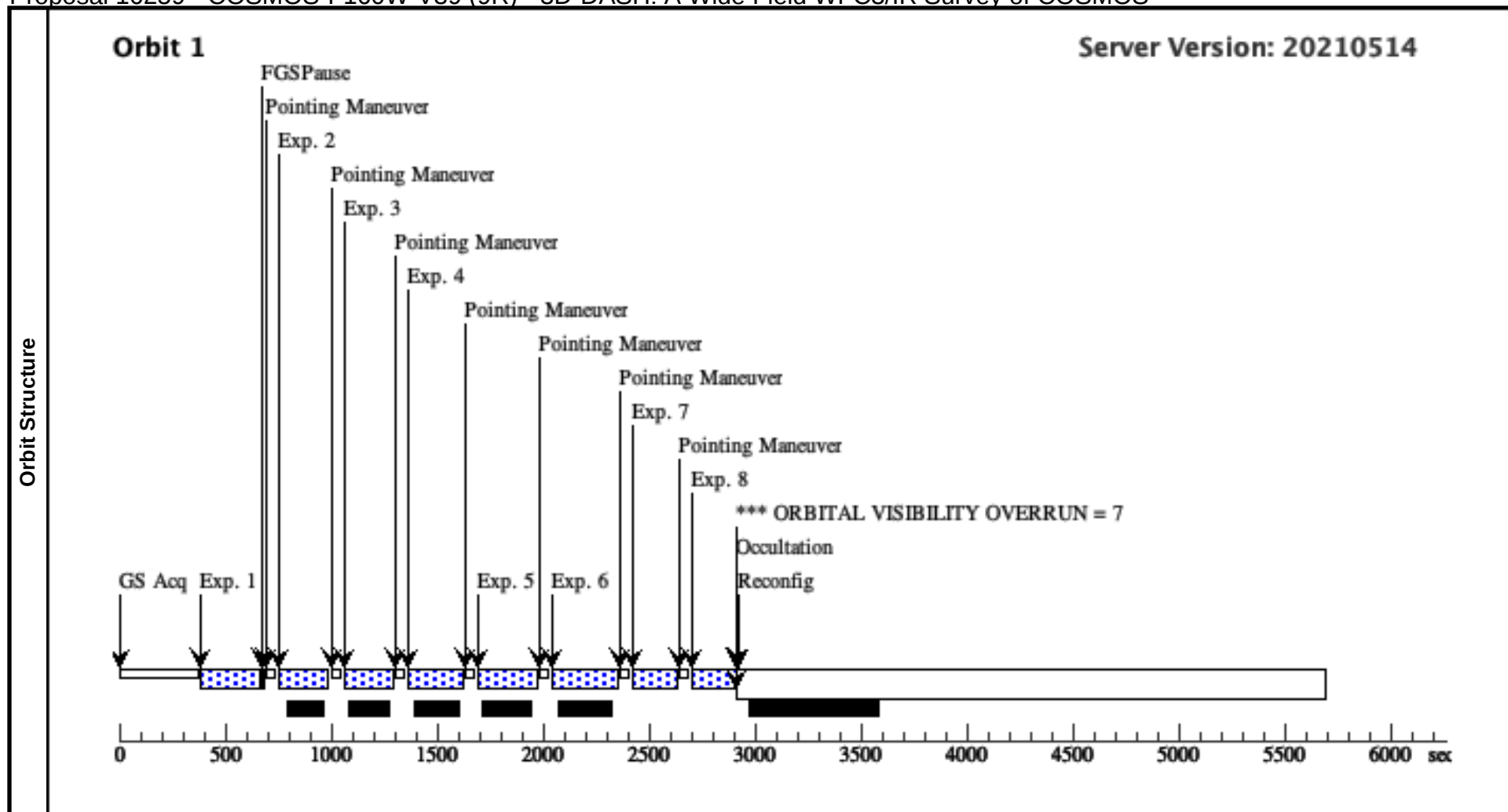
# Proposal 16259 - COSMOS-F160W-V38 (AS) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |                              |
|---------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|----------------------------------------------------|------------------------------------------------|-----------------------------------------|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V38 (AS), completed                                   |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         | Wed Aug 25 21:02:42 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |                              |
| Diagnostics   | (COSMOS-F160W-V38 (AS)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |                              |
|               | (COSMOS-F160W-V38 (AS)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |                              |
|               | (COSMOS-F160W-V38 (AS)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |                              |
|               | (COSMOS-F160W-V38 (AS)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |                              |
|               | (COSMOS-F160W-V38 (AS)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |                              |
|               | (COSMOS-F160W-V38 (AS)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |                              |
|               | (COSMOS-F160W-V38 (AS)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |                              |
|               | (COSMOS-F160W-V38 (AS)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |                              |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                |                             | Targ. Coord. Corrections |                                | Fluxes                                             |                                                | Miscellaneous                           |                              |
|               | (38)                                                                               | COSMOS-F160W-38 | RA: 09 59 51.4692 (149.9644550d)<br>Dec: +02 32 4.45 (2.53457d)<br>Equinox: J2000 |                             |                          |                                | V=25                                               |                                                | Reference Frame: ICRS                   |                              |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |                              |
|               |                                                                                    |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |                              |
| Exposures     | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.                                      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         | Orbit                        |
|               | 1                                                                                  |                 | (38) COSMOS-F160 W-38                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  | POS TARG -41.864 32225349715,-2.711 0643717414478  | Sequence 1-8 Non-Int in COSMOS-F160 W-V38 (AS) | 252.934546 Secs (252.935 Secs)<br>[==>] | <br>[1]                      |
|               | 2                                                                                  |                 | (38) COSMOS-F160 W-38                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 92.5947 161989544,-2.43998 06055322144    | Sequence 1-8 Non-Int in COSMOS-F160 W-V38 (AS) | 202.936411 Secs (202.936 Secs)<br>[==>] | <br>[1]                      |
|               | 3                                                                                  |                 | (38) COSMOS-F160 W-38                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 88,117                                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V38 (AS) | 202.936411 Secs (202.936 Secs)<br>[==>] | <br>[1]                      |
|               | 4                                                                                  |                 | (38) COSMOS-F160 W-38                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -43,117                                   | Sequence 1-8 Non-Int in COSMOS-F160 W-V38 (AS) | 227.936926 Secs (227.937 Secs)<br>[==>] | <br>[1]                      |
|               | 5                                                                                  |                 | (38) COSMOS-F160 W-38                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -174,117                                  | Sequence 1-8 Non-Int in COSMOS-F160 W-V38 (AS) | 252.937441 Secs (252.937 Secs)<br>[==>] | <br>[1]                      |
|               | 6                                                                                  |                 | (38) COSMOS-F160 W-38                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -308,117                                  | Sequence 1-8 Non-Int in COSMOS-F160 W-V38 (AS) | 277.937956 Secs (277.938 Secs)<br>[==>] | <br>[1]                      |
|               | 7                                                                                  |                 | (38) COSMOS-F160 W-38                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -175.96 913028541132,-2.21 09566382599537 | Sequence 1-8 Non-Int in COSMOS-F160 W-V38 (AS) | 177.935896 Secs (177.936 Secs)<br>[==>] | <br>[1]                      |
|               | 8                                                                                  |                 | (38) COSMOS-F160 W-38                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -310.13 62386145738,0.1852 389513416135   | Sequence 1-8 Non-Int in COSMOS-F160 W-V38 (AS) | 177.935896 Secs (177.936 Secs)<br>[==>] | <br>[1]                      |



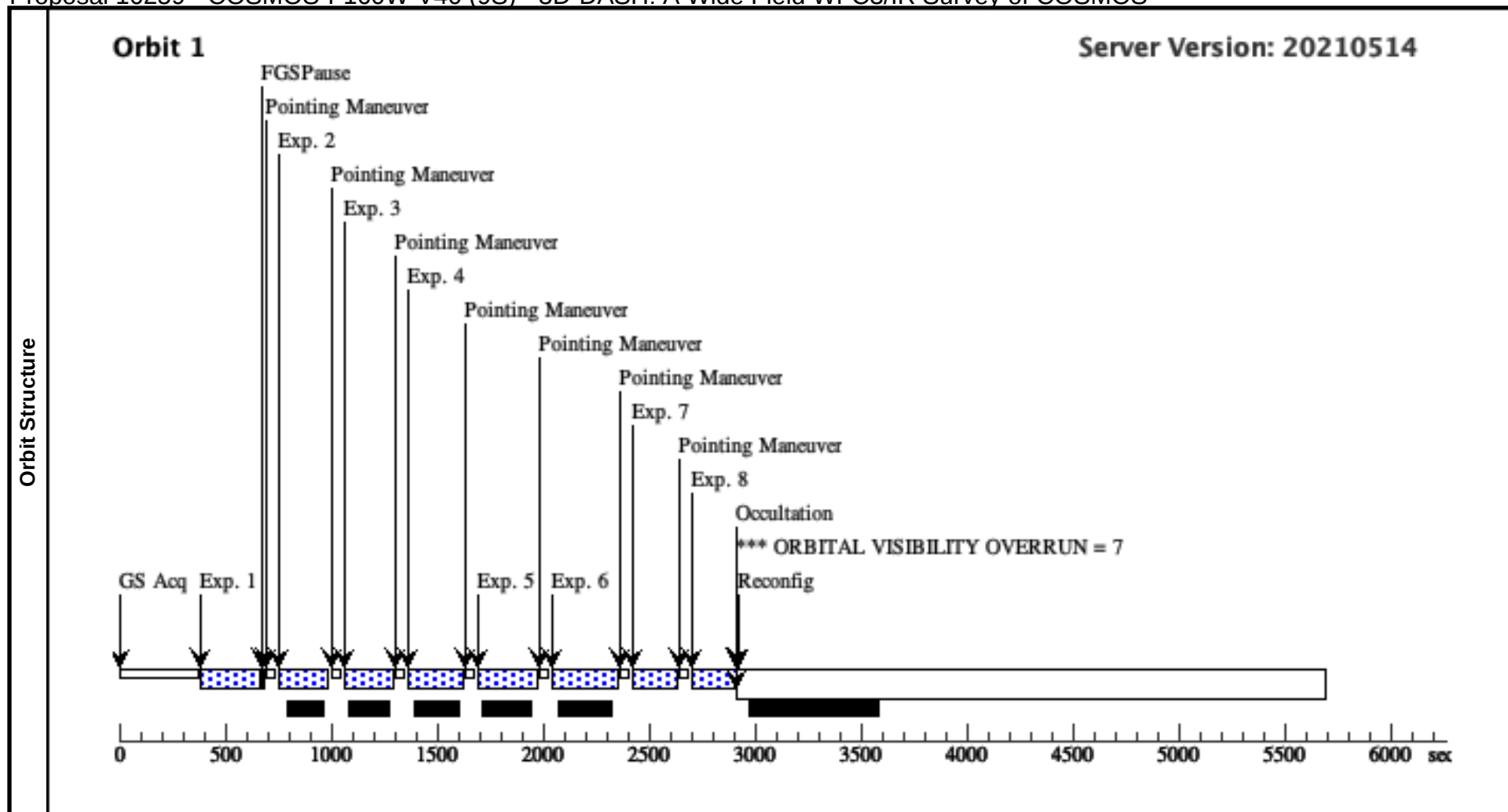
# Proposal 16259 - COSMOS-F160W-V39 (9R) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|---------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|--------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V39 (9R), completed                                   |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  | Wed Aug 25 21:02:42 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
| Diagnostics   | (COSMOS-F160W-V39 (9R)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V39 (9R)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V39 (9R)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V39 (9R)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V39 (9R)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V39 (9R)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V39 (9R)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V39 (9R)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections       |                    | Fluxes                                         | Miscellaneous                           |  |                              |
|               | (39)                                                                               | COSMOS-F160W-39 | RA: 09 59 34.3721 (149.8932171d)<br>Dec: +02 26 20.16 (2.43893d)<br>Equinox: J2000 |                             |               |                                |                    | V=25                                           | Reference Frame: ICRS                   |  |                              |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|               |                                                                                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
| Exposures     | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |
|               | 1                                                                                  |                 | (39) COSMOS-F160 W-39                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V39 (9R) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |
|               | 2                                                                                  |                 | (39) COSMOS-F160 W-39                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 132,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V39 (9R) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|               | 3                                                                                  |                 | (39) COSMOS-F160 W-39                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 264,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V39 (9R) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|               | 4                                                                                  |                 | (39) COSMOS-F160 W-39                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 396,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V39 (9R) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |
|               | 5                                                                                  |                 | (39) COSMOS-F160 W-39                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 352.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V39 (9R) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |
|               | 6                                                                                  |                 | (39) COSMOS-F160 W-39                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 220.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V39 (9R) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |
|               | 7                                                                                  |                 | (39) COSMOS-F160 W-39                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 88,117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V39 (9R) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|               | 8                                                                                  |                 | (39) COSMOS-F160 W-39                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V39 (9R) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|               |                                                                                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |



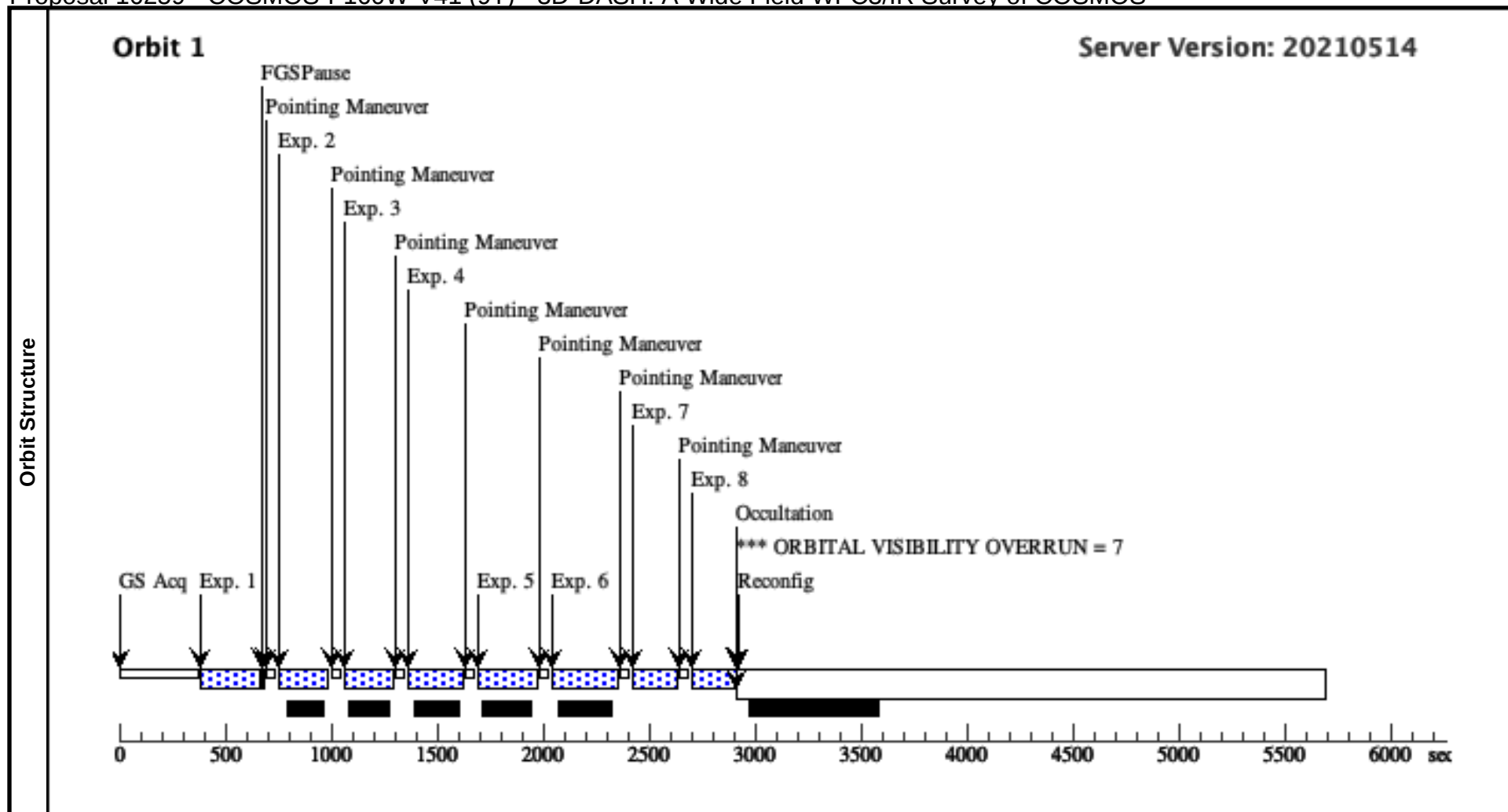
# Proposal 16259 - COSMOS-F160W-V40 (9S) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|--------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V40 (9S), completed                                   |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  | Wed Aug 25 21:02:42 GMT 2021 |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
| Diagnostics                                                     | (COSMOS-F160W-V40 (9S)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V40 (9S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V40 (9S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V40 (9S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V40 (9S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V40 (9S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V40 (9S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V40 (9S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections       |                    | Fluxes                                         | Miscellaneous                           |  |                              |
|                                                                 | (40)                                                                               | COSMOS-F160W-40 | RA: 09 59 34.3234 (149.8930142d)<br>Dec: +02 22 10.57 (2.36960d)<br>Equinox: J2000 |                             |               |                                |                    | V=25                                           | Reference Frame: ICRS                   |  |                              |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |
|                                                                 | 1                                                                                  |                 | (40) COSMOS-F160 W-40                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V40 (9S) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 2                                                                                  |                 | (40) COSMOS-F160 W-40                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 132,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V40 (9S) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 3                                                                                  |                 | (40) COSMOS-F160 W-40                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 264,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V40 (9S) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 4                                                                                  |                 | (40) COSMOS-F160 W-40                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 396,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V40 (9S) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 5                                                                                  |                 | (40) COSMOS-F160 W-40                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 352.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V40 (9S) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 6                                                                                  |                 | (40) COSMOS-F160 W-40                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 220.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V40 (9S) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 7                                                                                  |                 | (40) COSMOS-F160 W-40                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 88,117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V40 (9S) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 8                                                                                  |                 | (40) COSMOS-F160 W-40                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V40 (9S) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |



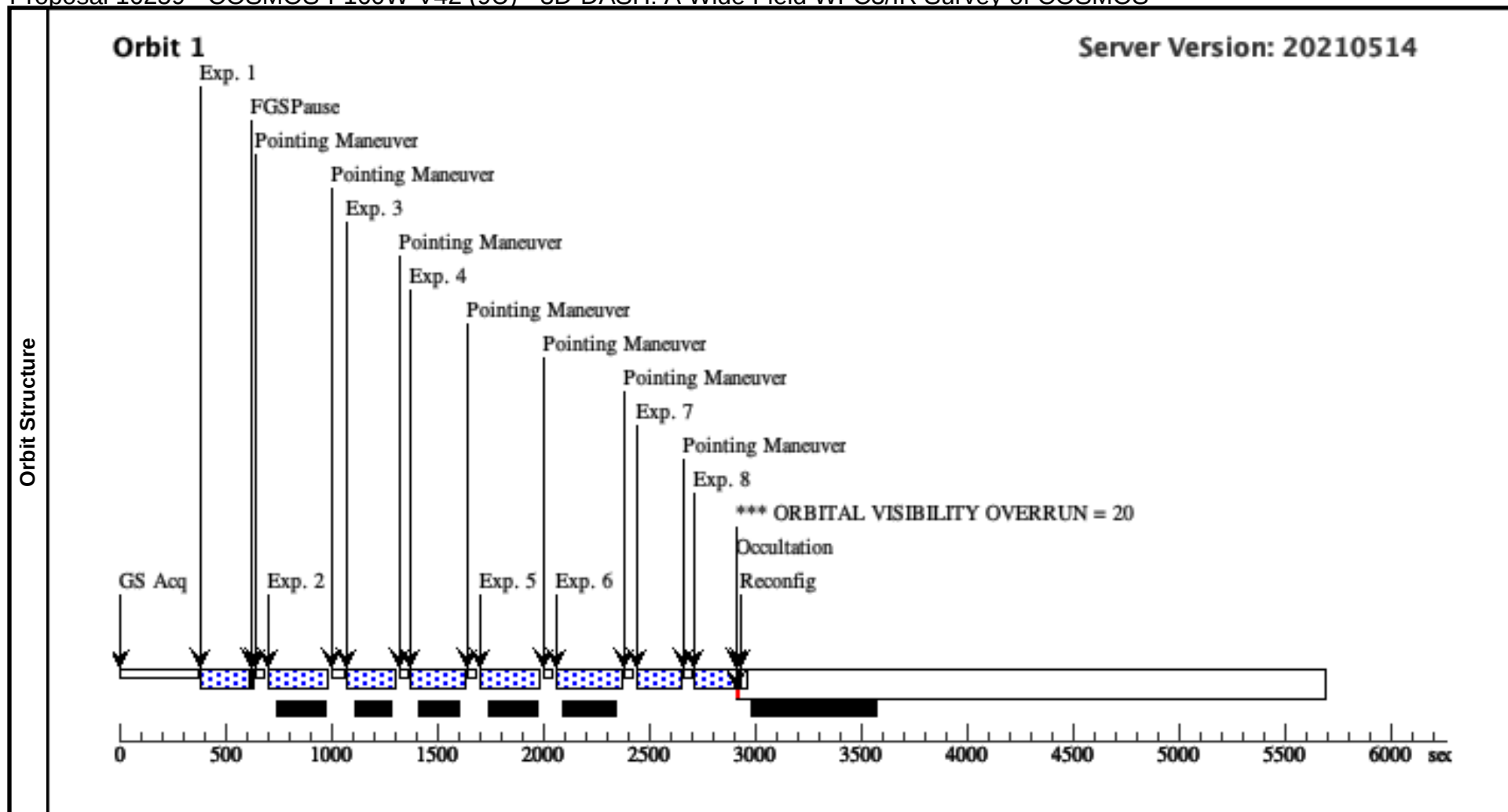
# Proposal 16259 - COSMOS-F160W-V41 (9T) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|--------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V41 (9T), completed                                   |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  | Wed Aug 25 21:02:42 GMT 2021 |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
| Diagnostics                                                     | (COSMOS-F160W-V41 (9T)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V41 (9T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V41 (9T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V41 (9T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V41 (9T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V41 (9T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V41 (9T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V41 (9T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                    | Fluxes                                         | Miscellaneous                           |  |                              |
|                                                                 | (41)                                                                               | COSMOS-F160W-41 | RA: 09 59 34.2746 (149.8928108d)<br>Dec: +02 18 0.97 (2.30027d)<br>Equinox: J2000 |                             |               |                                |                    | V=25                                           | Reference Frame: ICRS                   |  |                              |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |
|                                                                 | 1                                                                                  |                 | (41) COSMOS-F160 W-41                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V41 (9T) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 2                                                                                  |                 | (41) COSMOS-F160 W-41                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 132,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V41 (9T) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 3                                                                                  |                 | (41) COSMOS-F160 W-41                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 264,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V41 (9T) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 4                                                                                  |                 | (41) COSMOS-F160 W-41                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 396,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V41 (9T) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 5                                                                                  |                 | (41) COSMOS-F160 W-41                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 352.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V41 (9T) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 6                                                                                  |                 | (41) COSMOS-F160 W-41                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 220.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V41 (9T) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 7                                                                                  |                 | (41) COSMOS-F160 W-41                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 88,117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V41 (9T) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 8                                                                                  |                 | (41) COSMOS-F160 W-41                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V41 (9T) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |



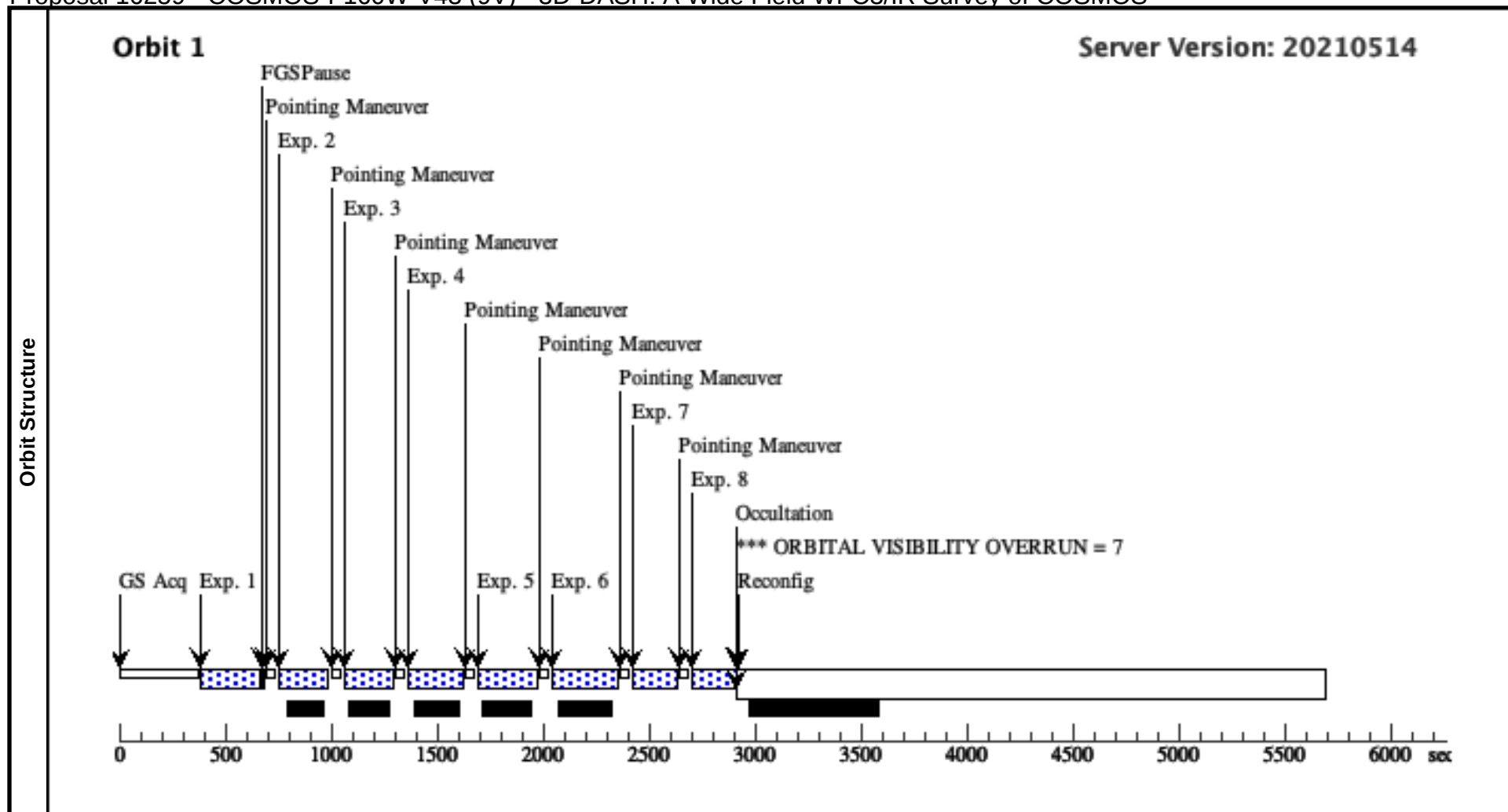
# Proposal 16259 - COSMOS-F160W-V42 (9U) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|---------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|--------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|
| Visit         | Proposal 16259, COSMOS-F160W-V42 (9U), completed                                   |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |                       | Wed Aug 25 21:02:42 GMT 2021 |  |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |                       |                              |  |
| Diagnostics   | (COSMOS-F160W-V42 (9U)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V42 (9U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V42 (9U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V42 (9U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V42 (9U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V42 (9U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V42 (9U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V42 (9U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |                       |                              |  |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections       |                    | Fluxes                                         |                                         | Miscellaneous         |                              |  |
|               | (42)                                                                               | COSMOS-F160W-42 | RA: 09 59 34.2259 (149.8926079d)<br>Dec: +02 13 51.38 (2.23094d)<br>Equinox: J2000 |                             |               |                                |                    | V=25                                           |                                         | Reference Frame: ICRS |                              |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |                       |                              |  |
| Exposures     | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |
|               | 1                                                                                  |                 | (42) COSMOS-F160 W-42                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 132,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V42 (9U) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 2                                                                                  |                 | (42) COSMOS-F160 W-42                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V42 (9U) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |
|               | 3                                                                                  |                 | (42) COSMOS-F160 W-42                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 264,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V42 (9U) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 4                                                                                  |                 | (42) COSMOS-F160 W-42                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 396,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V42 (9U) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |
|               | 5                                                                                  |                 | (42) COSMOS-F160 W-42                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 352.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V42 (9U) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |
|               | 6                                                                                  |                 | (42) COSMOS-F160 W-42                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 220.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V42 (9U) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |
|               | 7                                                                                  |                 | (42) COSMOS-F160 W-42                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 88,117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V42 (9U) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 8                                                                                  |                 | (42) COSMOS-F160 W-42                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V42 (9U) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |



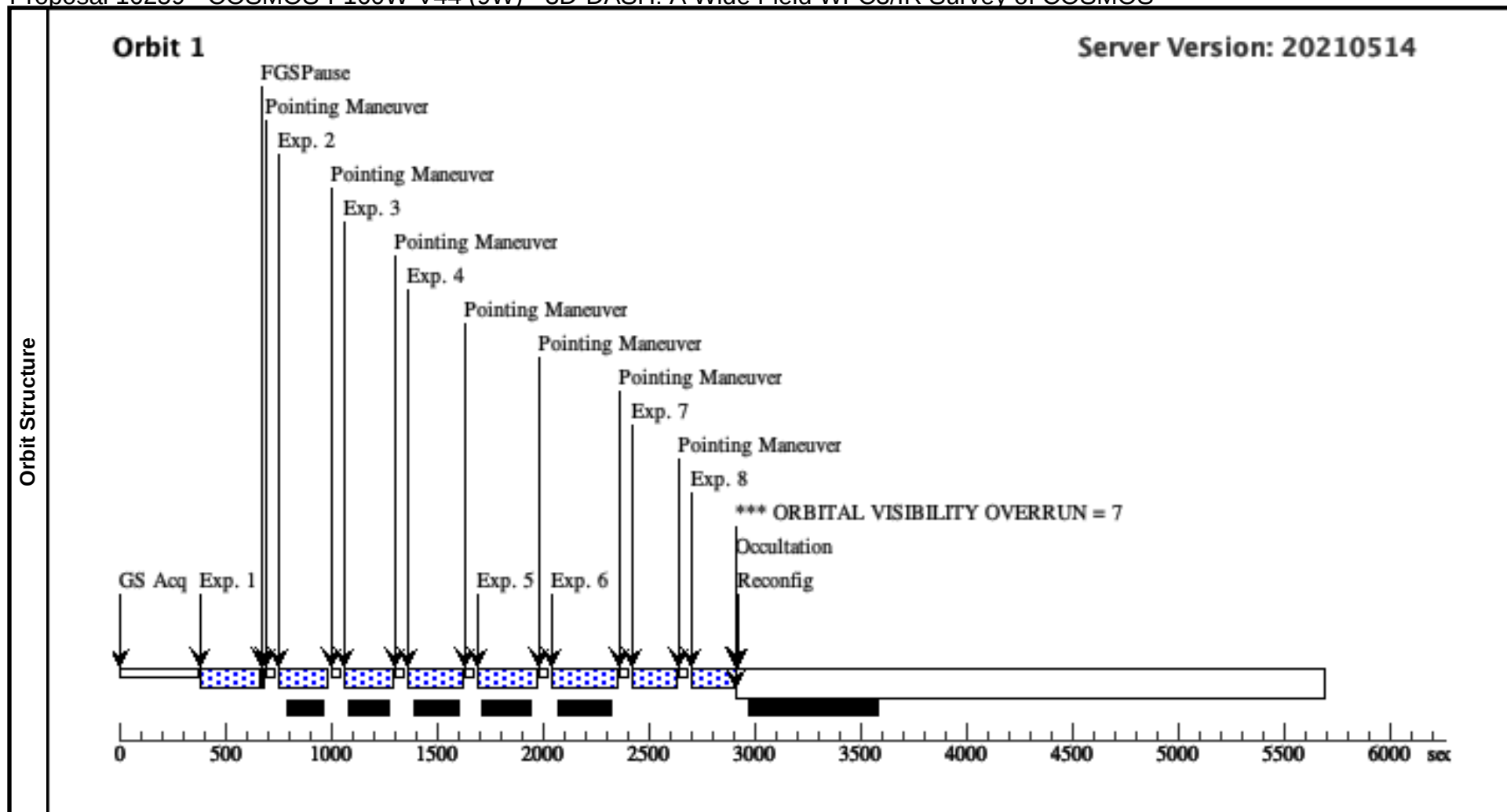
# Proposal 16259 - COSMOS-F160W-V43 (9V) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|---------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|--|--------------------------|--|--------------------------------|--------|--------------------|------------------------------|------------------------------------------------|--|-----------------------------------------|--|-------|--|
| Visit         | Proposal 16259, COSMOS-F160W-V43 (9V), completed                                   |                 |                                                                                    |                             |  |                          |  |                                |        |                    | Wed Aug 25 21:02:42 GMT 2021 |                                                |  |                                         |  |       |  |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
| Diagnostics   | (COSMOS-F160W-V43 (9V)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V43 (9V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V43 (9V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V43 (9V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V43 (9V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V43 (9V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V43 (9V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V43 (9V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                 |                             |  | Targ. Coord. Corrections |  |                                | Fluxes |                    | Miscellaneous                |                                                |  |                                         |  |       |  |
|               | (43)                                                                               | COSMOS-F160W-43 | RA: 09 59 34.1771 (149.8924046d)<br>Dec: +02 09 41.78 (2.16161d)<br>Equinox: J2000 |                             |  |                          |  |                                | V=25   |                    | Reference Frame: ICRS        |                                                |  |                                         |  |       |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
|               |                                                                                    |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |
| Exposures     | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        |  | Spectral Els.            |  | Opt. Params.                   |        | Special Reqs.      |                              | Groups                                         |  | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |  |
|               | 1                                                                                  |                 | (43) COSMOS-F160 W-43                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |        |                    |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V43 (9V) |  | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |  |
|               | 2                                                                                  |                 | (43) COSMOS-F160 W-43                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |        | POS TARG 132,0     |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V43 (9V) |  | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|               | 3                                                                                  |                 | (43) COSMOS-F160 W-43                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |        | POS TARG 264,0     |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V43 (9V) |  | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|               | 4                                                                                  |                 | (43) COSMOS-F160 W-43                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=10;<br>SAMP-SEQ=SPAR S25 |        | POS TARG 396,0     |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V43 (9V) |  | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |  |
|               | 5                                                                                  |                 | (43) COSMOS-F160 W-43                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=11;<br>SAMP-SEQ=SPAR S25 |        | POS TARG 352.5,117 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V43 (9V) |  | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |  |
|               | 6                                                                                  |                 | (43) COSMOS-F160 W-43                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=12;<br>SAMP-SEQ=SPAR S25 |        | POS TARG 220.5,117 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V43 (9V) |  | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |  |
|               | 7                                                                                  |                 | (43) COSMOS-F160 W-43                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |        | POS TARG 88,117    |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V43 (9V) |  | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |
|               | 8                                                                                  |                 | (43) COSMOS-F160 W-43                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |        | POS TARG -43.5,117 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V43 (9V) |  | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |
|               |                                                                                    |                 |                                                                                    |                             |  |                          |  |                                |        |                    |                              |                                                |  |                                         |  |       |  |



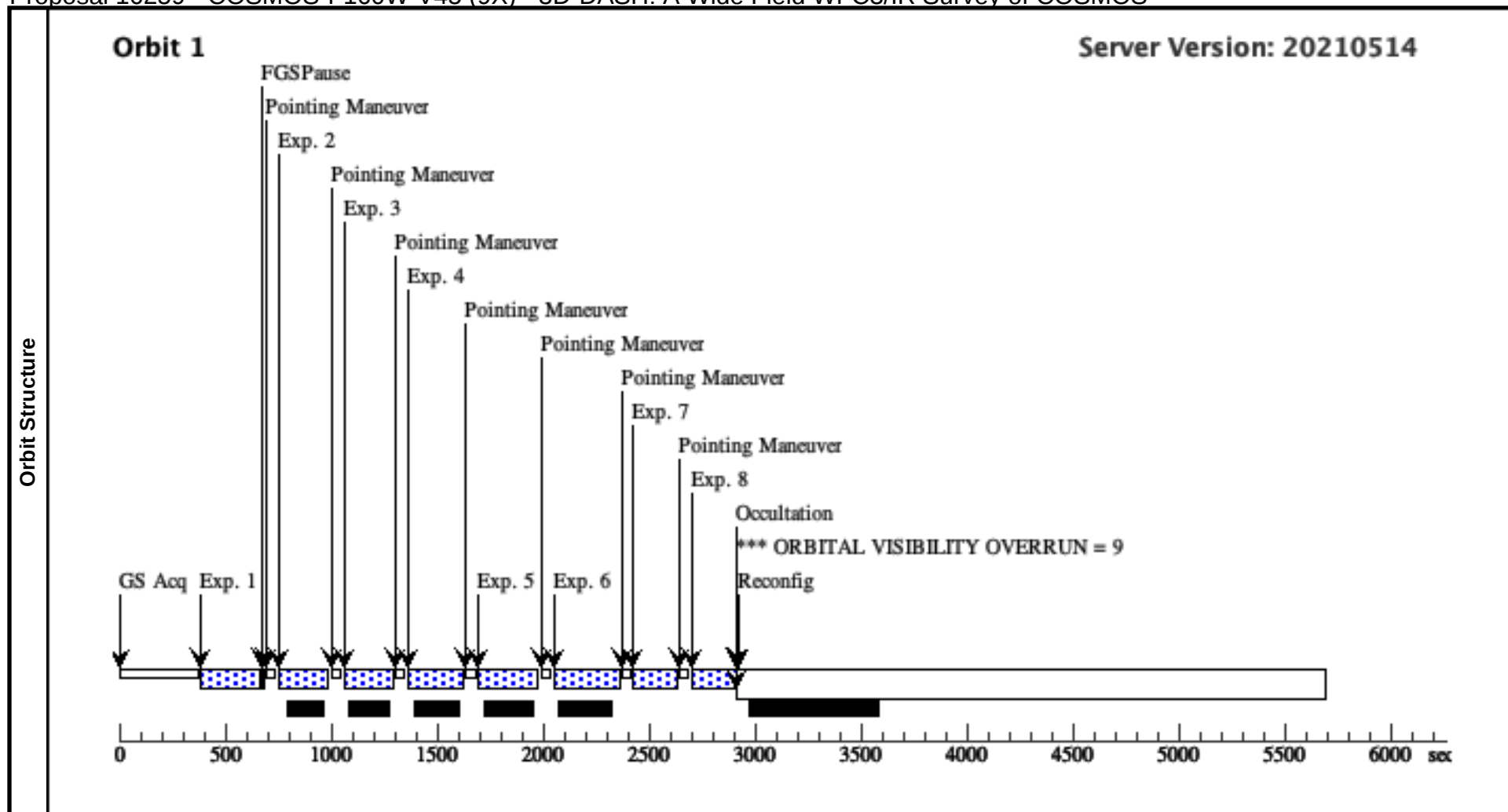
# Proposal 16259 - COSMOS-F160W-V44 (9W) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |
|---------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|--------------------|------------------------------------------------|-----------------------------------------|--|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V44 (9W), completed                                   |                 |                                                                                    |                             |                          |                                |                    |                                                | Wed Aug 25 21:02:43 GMT 2021            |  |       |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |
| Diagnostics   | (COSMOS-F160W-V44 (9W)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |
|               | (COSMOS-F160W-V44 (9W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |
|               | (COSMOS-F160W-V44 (9W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |
|               | (COSMOS-F160W-V44 (9W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |
|               | (COSMOS-F160W-V44 (9W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |
|               | (COSMOS-F160W-V44 (9W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |
|               | (COSMOS-F160W-V44 (9W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |
|               | (COSMOS-F160W-V44 (9W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                 |                             | Targ. Coord. Corrections |                                | Fluxes             |                                                | Miscellaneous                           |  |       |
|               | (44)                                                                               | COSMOS-F160W-44 | RA: 09 59 34.1284 (149.8922017d)<br>Dec: +02 05 32.19 (2.09228d)<br>Equinox: J2000 |                             |                          |                                | V=25               |                                                | Reference Frame: ICRS                   |  |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |
|               |                                                                                    |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |
| Exposures     | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|               | 1                                                                                  |                 | (44) COSMOS-F160 W-44                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V44 (9W) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|               | 2                                                                                  |                 | (44) COSMOS-F160 W-44                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 132,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V44 (9W) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 3                                                                                  |                 | (44) COSMOS-F160 W-44                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 264,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V44 (9W) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 4                                                                                  |                 | (44) COSMOS-F160 W-44                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 396,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V44 (9W) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|               | 5                                                                                  |                 | (44) COSMOS-F160 W-44                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 352.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V44 (9W) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|               | 6                                                                                  |                 | (44) COSMOS-F160 W-44                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 220.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V44 (9W) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|               | 7                                                                                  |                 | (44) COSMOS-F160 W-44                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 88,117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V44 (9W) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               | 8                                                                                  |                 | (44) COSMOS-F160 W-44                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V44 (9W) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               |                                                                                    |                 |                                                                                    |                             |                          |                                |                    |                                                |                                         |  |       |



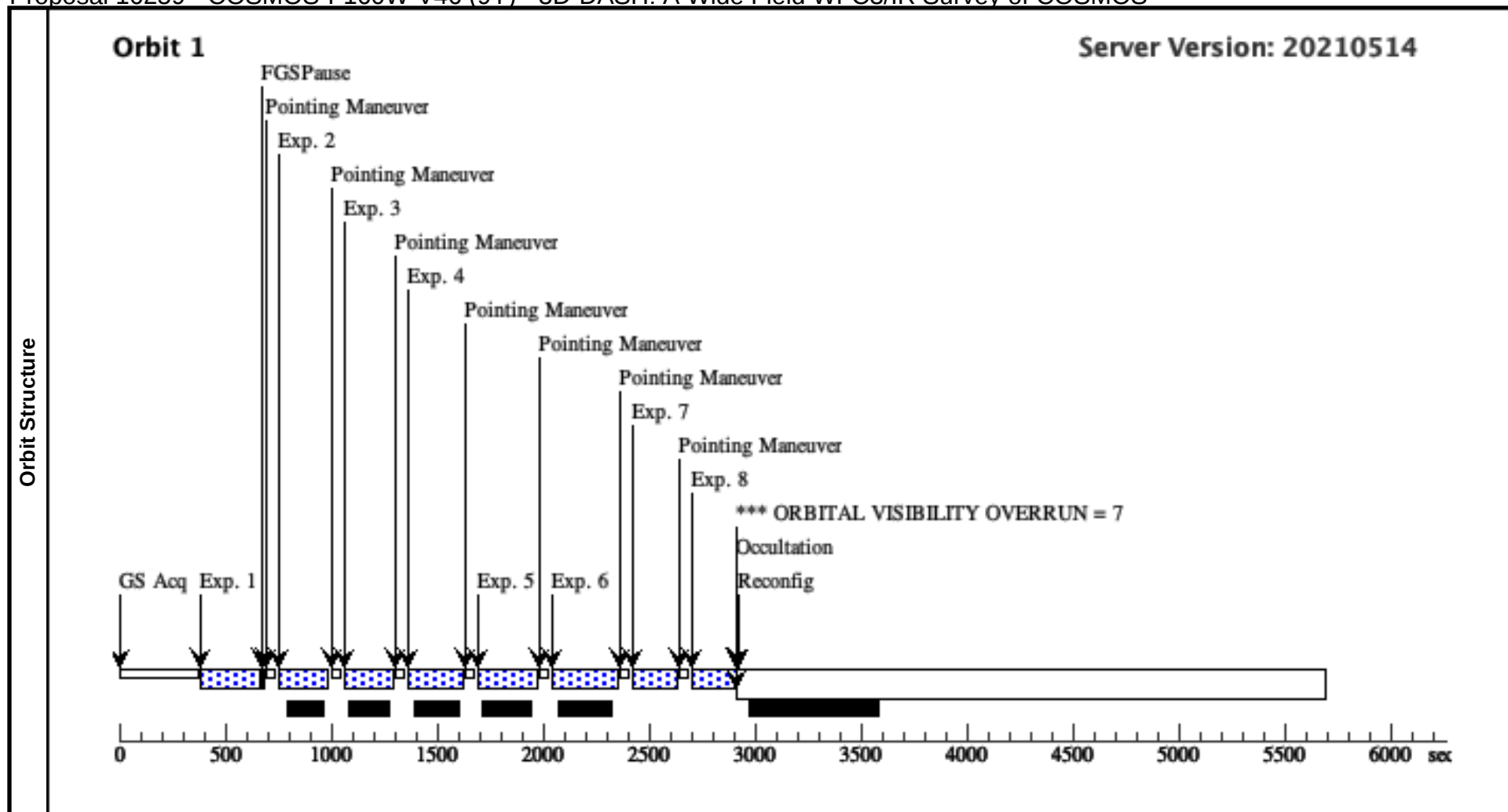
# Proposal 16259 - COSMOS-F160W-V45 (9X) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                    |                             |                          |                                |                                                    |                                                |                                         |  |       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|----------------------------------------------------|------------------------------------------------|-----------------------------------------|--|-------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V45 (9X), completed                                   |                 |                                                                                    |                             |                          |                                |                                                    |                                                | Wed Aug 25 21:02:43 GMT 2021            |  |       |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |                          |                                |                                                    |                                                |                                         |  |       |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |                          |                                |                                                    |                                                |                                         |  |       |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                 |                                                                                    |                             |                          |                                |                                                    |                                                |                                         |  |       |
| Diagnostics                                                     | (COSMOS-F160W-V45 (9X)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |                          |                                |                                                    |                                                |                                         |  |       |
|                                                                 | (COSMOS-F160W-V45 (9X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                                                    |                                                |                                         |  |       |
|                                                                 | (COSMOS-F160W-V45 (9X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                                                    |                                                |                                         |  |       |
|                                                                 | (COSMOS-F160W-V45 (9X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                                                    |                                                |                                         |  |       |
|                                                                 | (COSMOS-F160W-V45 (9X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                                                    |                                                |                                         |  |       |
|                                                                 | (COSMOS-F160W-V45 (9X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                                                    |                                                |                                         |  |       |
|                                                                 | (COSMOS-F160W-V45 (9X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                                                    |                                                |                                         |  |       |
|                                                                 | (COSMOS-F160W-V45 (9X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                                                    |                                                |                                         |  |       |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                 |                             | Targ. Coord. Corrections |                                | Fluxes                                             |                                                | Miscellaneous                           |  |       |
|                                                                 | (45)                                                                               | COSMOS-F160W-45 | RA: 09 59 34.0797 (149.8919987d)<br>Dec: +02 01 22.59 (2.02294d)<br>Equinox: J2000 |                             |                          |                                | V=25                                               |                                                | Reference Frame: ICRS                   |  |       |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                    |                             |                          |                                |                                                    |                                                |                                         |  |       |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.                                      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|                                                                 | 1                                                                                  |                 | (45) COSMOS-F160 W-45                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  | POS TARG 35,0                                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V45 (9X) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|                                                                 | 2                                                                                  |                 | (45) COSMOS-F160 W-45                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 167.112 63392722572,0.2090 1751483598963  | Sequence 1-8 Non-Int in COSMOS-F160 W-V45 (9X) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 3                                                                                  |                 | (45) COSMOS-F160 W-45                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 299.321 1093393023,-0.3535 9958908999134  | Sequence 1-8 Non-Int in COSMOS-F160 W-V45 (9X) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 4                                                                                  |                 | (45) COSMOS-F160 W-45                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 431.883 69059334514,-0.145 23703240598368 | Sequence 1-8 Non-Int in COSMOS-F160 W-V45 (9X) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|                                                                 | 5                                                                                  |                 | (45) COSMOS-F160 W-45                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 352.5,117                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V45 (9X) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|                                                                 | 6                                                                                  |                 | (45) COSMOS-F160 W-45                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 220.5,117                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V45 (9X) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|                                                                 | 7                                                                                  |                 | (45) COSMOS-F160 W-45                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 88,117                                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V45 (9X) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 8                                                                                  |                 | (45) COSMOS-F160 W-45                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.5,117                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V45 (9X) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |



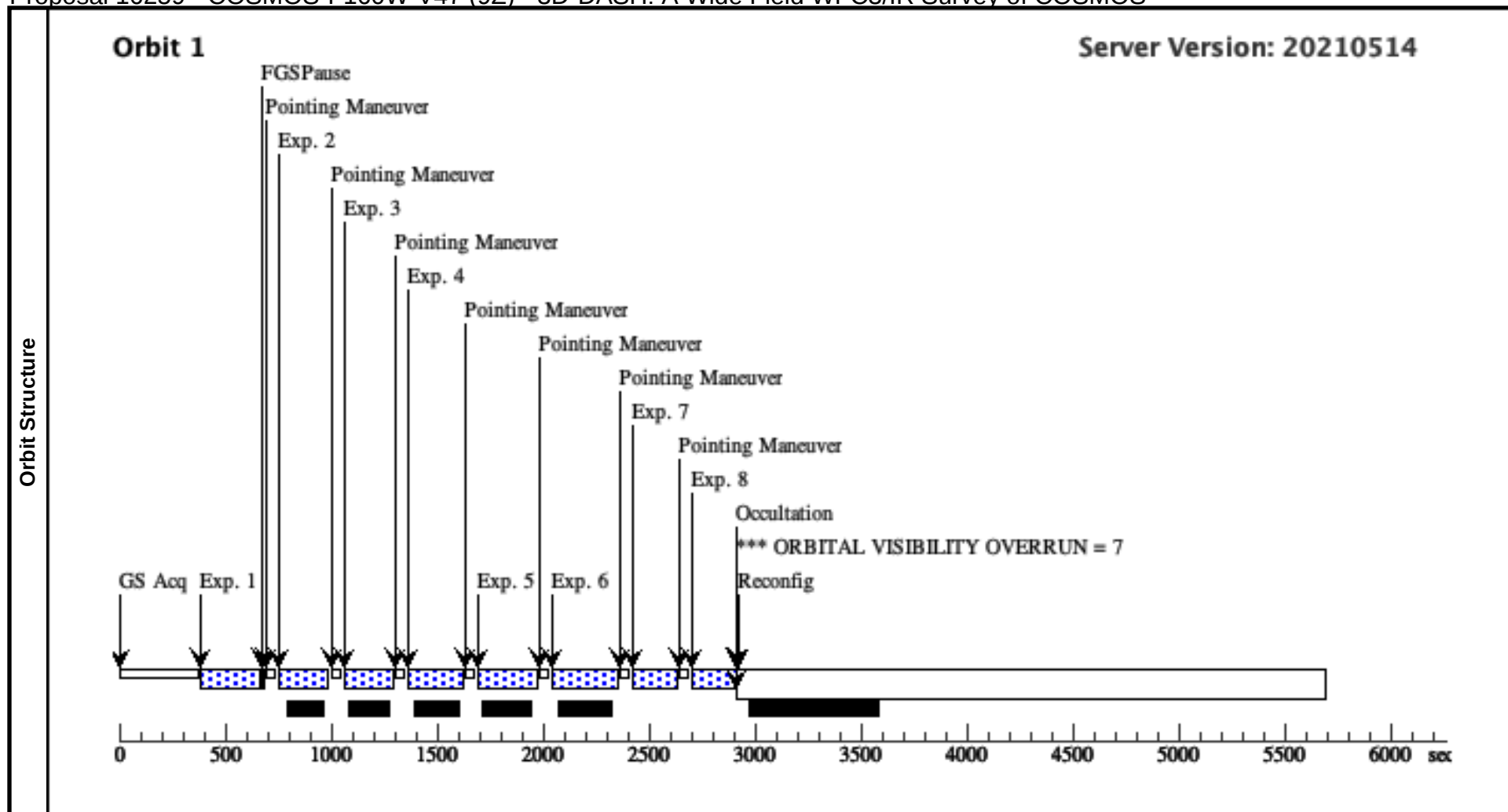
# Proposal 16259 - COSMOS-F160W-V46 (9Y) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|---------------|------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|-----------------------|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V46 (9Y), completed                                   |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       | Wed Aug 25 21:02:43 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Diagnostics   | (COSMOS-F160W-V46 (9Y)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V46 (9Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V46 (9Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V46 (9Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V46 (9Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V46 (9Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V46 (9Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V46 (9Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Fixed Targets | #                                                                                  | Name                  | Target Coordinates                                                                 |                             |                                | Targ. Coord. Corrections       |                                                | Fluxes                                         |                                 | Miscellaneous         |                              |
|               | (46)                                                                               | COSMOS-F160W-46       | RA: 09 59 34.0310 (149.8917958d)<br>Dec: +01 57 13.00 (1.95361d)<br>Equinox: J2000 |                             |                                |                                |                                                | V=25                                           |                                 | Reference Frame: ICRS |                              |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Exposures     | #                                                                                  | Label                 | Target                                                                             | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |                       | Orbit                        |
|               | 1                                                                                  |                       | (46) COSMOS-F160 W-46                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V46 (9Y) | 252.934546 Secs (252.935 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 2                                                                                  |                       | (46) COSMOS-F160 W-46                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 132,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V46 (9Y) | 202.936411 Secs (202.936 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 3                                                                                  |                       | (46) COSMOS-F160 W-46                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 264,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V46 (9Y) | 202.936411 Secs (202.936 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 4                                                                                  |                       | (46) COSMOS-F160 W-46                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 396,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V46 (9Y) | 227.936926 Secs (227.937 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 5                                                                                  |                       | (46) COSMOS-F160 W-46                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 352.5,117                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V46 (9Y) | 252.937441 Secs (252.937 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 6             |                                                                                    | (46) COSMOS-F160 W-46 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 220.5,117             | Sequence 1-8 Non-Int in COSMOS-F160 W-V46 (9Y) | 277.937956 Secs (277.938 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 7             |                                                                                    | (46) COSMOS-F160 W-46 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 88,117                | Sequence 1-8 Non-Int in COSMOS-F160 W-V46 (9Y) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 8             |                                                                                    | (46) COSMOS-F160 W-46 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.5,117             | Sequence 1-8 Non-Int in COSMOS-F160 W-V46 (9Y) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |



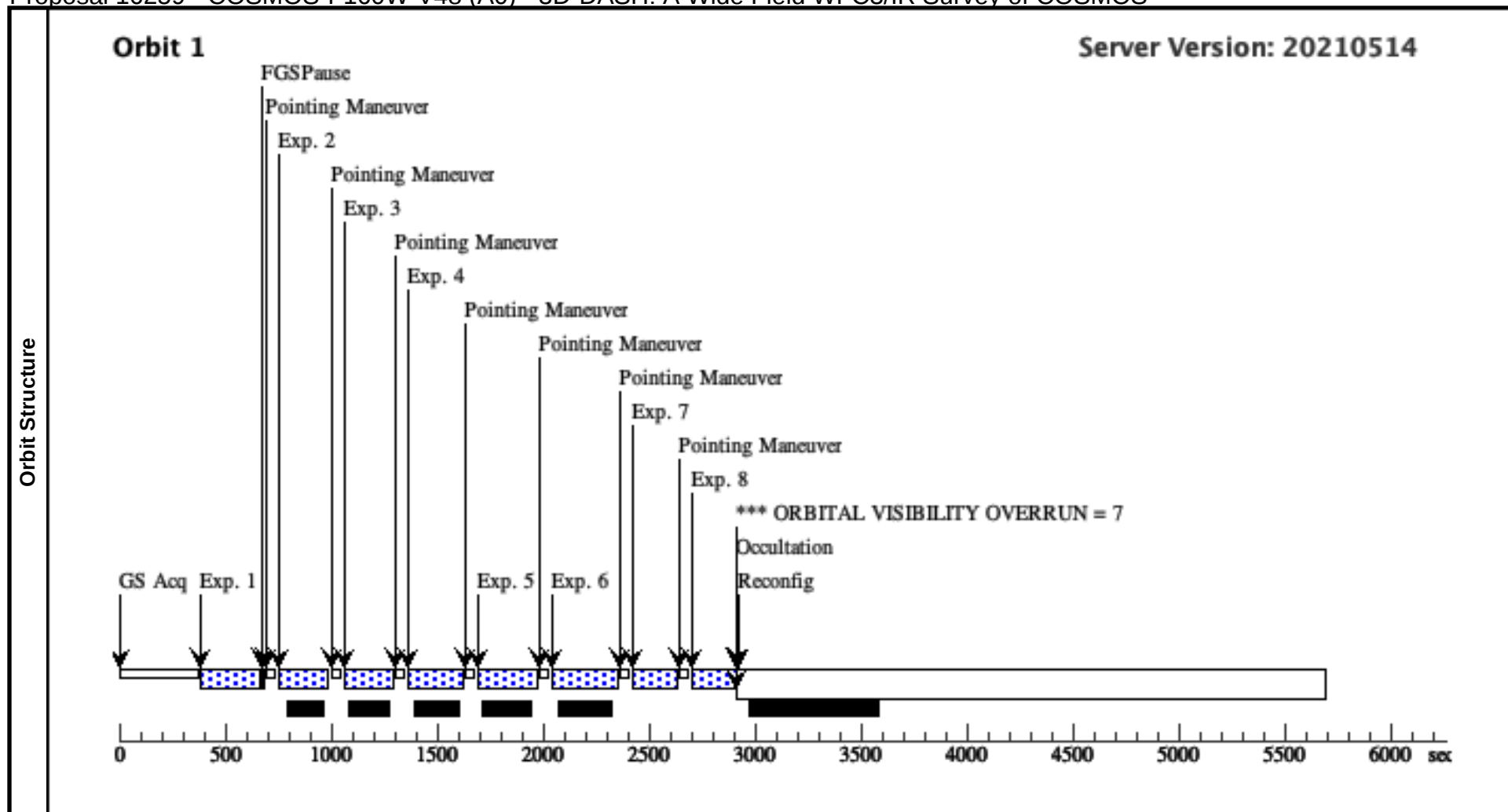
# Proposal 16259 - COSMOS-F160W-V47 (9Z) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|--------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V47 (9Z), completed                                   |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  | Wed Aug 25 21:02:43 GMT 2021 |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
| Diagnostics                                                     | (COSMOS-F160W-V47 (9Z)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V47 (9Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V47 (9Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V47 (9Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V47 (9Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V47 (9Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V47 (9Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V47 (9Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                    | Fluxes                                         | Miscellaneous                           |  |                              |
|                                                                 | (47)                                                                               | COSMOS-F160W-47 | RA: 09 59 33.9823 (149.8915929d)<br>Dec: +01 53 3.40 (1.88428d)<br>Equinox: J2000 |                             |               |                                |                    | V=25                                           | Reference Frame: ICRS                   |  |                              |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                   |                             |               |                                |                    |                                                |                                         |  |                              |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |
|                                                                 | 1                                                                                  |                 | (47) COSMOS-F160 W-47                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V47 (9Z) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 2                                                                                  |                 | (47) COSMOS-F160 W-47                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 132,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V47 (9Z) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 3                                                                                  |                 | (47) COSMOS-F160 W-47                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 264,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V47 (9Z) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 4                                                                                  |                 | (47) COSMOS-F160 W-47                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 396,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V47 (9Z) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 5                                                                                  |                 | (47) COSMOS-F160 W-47                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 352.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V47 (9Z) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 6                                                                                  |                 | (47) COSMOS-F160 W-47                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 220.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V47 (9Z) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 7                                                                                  |                 | (47) COSMOS-F160 W-47                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 88,117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V47 (9Z) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 8                                                                                  |                 | (47) COSMOS-F160 W-47                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V47 (9Z) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |



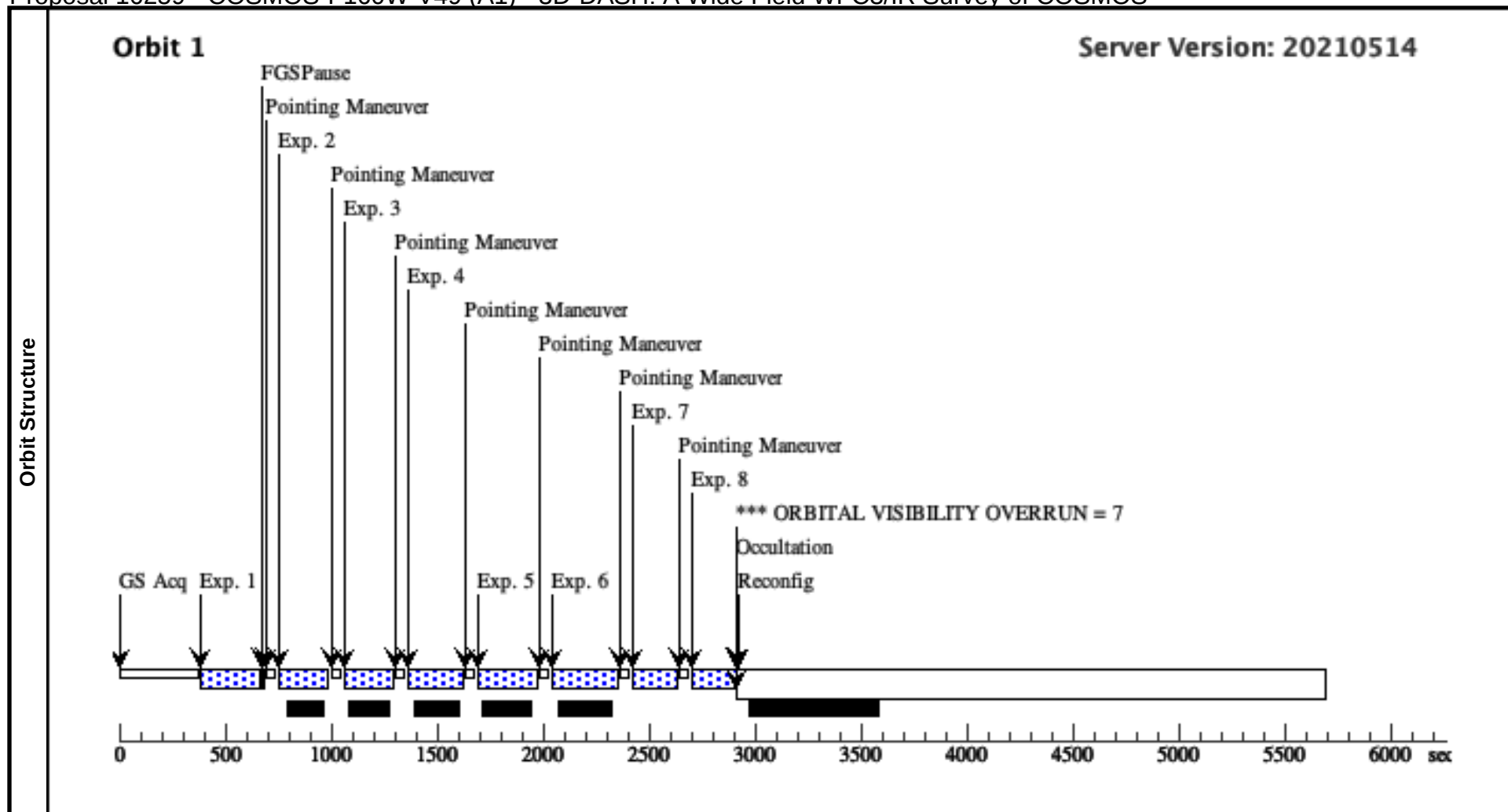
# Proposal 16259 - COSMOS-F160W-V48 (A0) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|---------------|------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|-----------------------|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V48 (A0), completed                                   |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       | Wed Aug 25 21:02:43 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Diagnostics   | (COSMOS-F160W-V48 (A0)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V48 (A0)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V48 (A0)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V48 (A0)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V48 (A0)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V48 (A0)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V48 (A0)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V48 (A0)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Fixed Targets | #                                                                                  | Name                  | Target Coordinates                                                                 |                             |                                | Targ. Coord. Corrections       |                                                | Fluxes                                         |                                 | Miscellaneous         |                              |
|               | (48)                                                                               | COSMOS-F160W-48       | RA: 09 59 33.9335 (149.8913896d)<br>Dec: +01 48 53.81 (1.81495d)<br>Equinox: J2000 |                             |                                |                                |                                                | V=25                                           |                                 | Reference Frame: ICRS |                              |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Exposures     | #                                                                                  | Label                 | Target                                                                             | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |                       | Orbit                        |
|               | 1                                                                                  |                       | (48) COSMOS-F160 W-48                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V48 (A0) | 252.934546 Secs (252.935 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 2                                                                                  |                       | (48) COSMOS-F160 W-48                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 132,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V48 (A0) | 202.936411 Secs (202.936 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 3                                                                                  |                       | (48) COSMOS-F160 W-48                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 264,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V48 (A0) | 202.936411 Secs (202.936 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 4                                                                                  |                       | (48) COSMOS-F160 W-48                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 396,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V48 (A0) | 227.936926 Secs (227.937 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 5                                                                                  |                       | (48) COSMOS-F160 W-48                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 352.5,117                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V48 (A0) | 252.937441 Secs (252.937 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 6             |                                                                                    | (48) COSMOS-F160 W-48 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 220.5,117             | Sequence 1-8 Non-Int in COSMOS-F160 W-V48 (A0) | 277.937956 Secs (277.938 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 7             |                                                                                    | (48) COSMOS-F160 W-48 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 88,117                | Sequence 1-8 Non-Int in COSMOS-F160 W-V48 (A0) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 8             |                                                                                    | (48) COSMOS-F160 W-48 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.5,117             | Sequence 1-8 Non-Int in COSMOS-F160 W-V48 (A0) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |



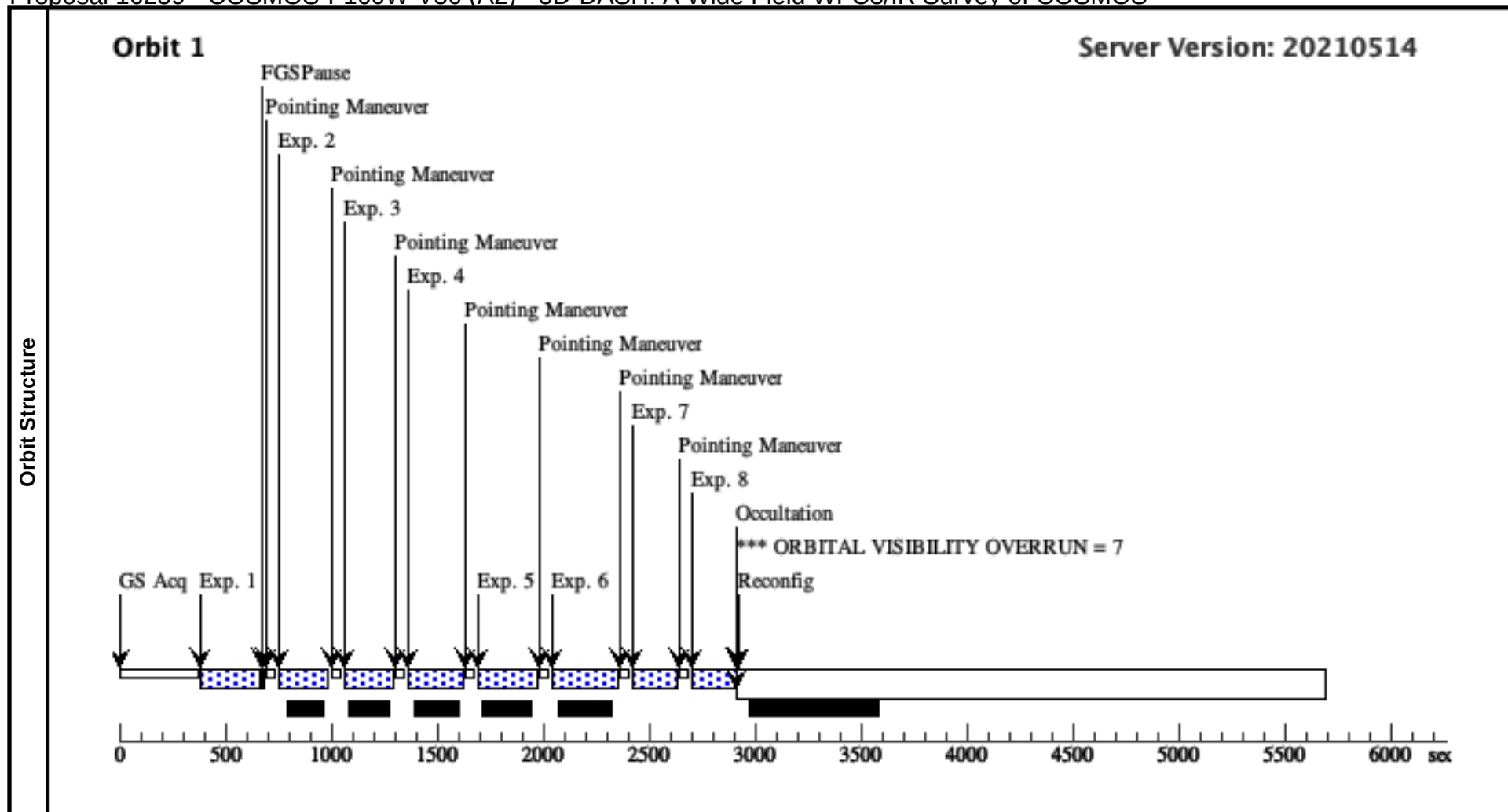
# Proposal 16259 - COSMOS-F160W-V49 (A1) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|---------------|------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|-----------------------|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V49 (A1), completed                                   |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       | Wed Aug 25 21:02:43 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Diagnostics   | (COSMOS-F160W-V49 (A1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V49 (A1)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V49 (A1)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V49 (A1)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V49 (A1)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V49 (A1)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V49 (A1)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V49 (A1)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Fixed Targets | #                                                                                  | Name                  | Target Coordinates                                                                 |                             |                                | Targ. Coord. Corrections       |                                                | Fluxes                                         |                                 | Miscellaneous         |                              |
|               | (49)                                                                               | COSMOS-F160W-49       | RA: 09 59 33.8848 (149.8911867d)<br>Dec: +01 44 44.21 (1.74561d)<br>Equinox: J2000 |                             |                                |                                |                                                | V=25                                           |                                 | Reference Frame: ICRS |                              |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Exposures     | #                                                                                  | Label                 | Target                                                                             | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |                       | Orbit                        |
|               | 1                                                                                  |                       | (49) COSMOS-F160 W-49                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V49 (A1) | 252.934546 Secs (252.935 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 2                                                                                  |                       | (49) COSMOS-F160 W-49                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 132,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V49 (A1) | 202.936411 Secs (202.936 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 3                                                                                  |                       | (49) COSMOS-F160 W-49                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 264,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V49 (A1) | 202.936411 Secs (202.936 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 4                                                                                  |                       | (49) COSMOS-F160 W-49                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 396,0                                 | Sequence 1-8 Non-Int in COSMOS-F160 W-V49 (A1) | 227.936926 Secs (227.937 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 5                                                                                  |                       | (49) COSMOS-F160 W-49                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 352.5,117                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V49 (A1) | 252.937441 Secs (252.937 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 6             |                                                                                    | (49) COSMOS-F160 W-49 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 220.5,117             | Sequence 1-8 Non-Int in COSMOS-F160 W-V49 (A1) | 277.937956 Secs (277.938 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 7             |                                                                                    | (49) COSMOS-F160 W-49 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 88,117                | Sequence 1-8 Non-Int in COSMOS-F160 W-V49 (A1) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 8             |                                                                                    | (49) COSMOS-F160 W-49 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.5,117             | Sequence 1-8 Non-Int in COSMOS-F160 W-V49 (A1) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |



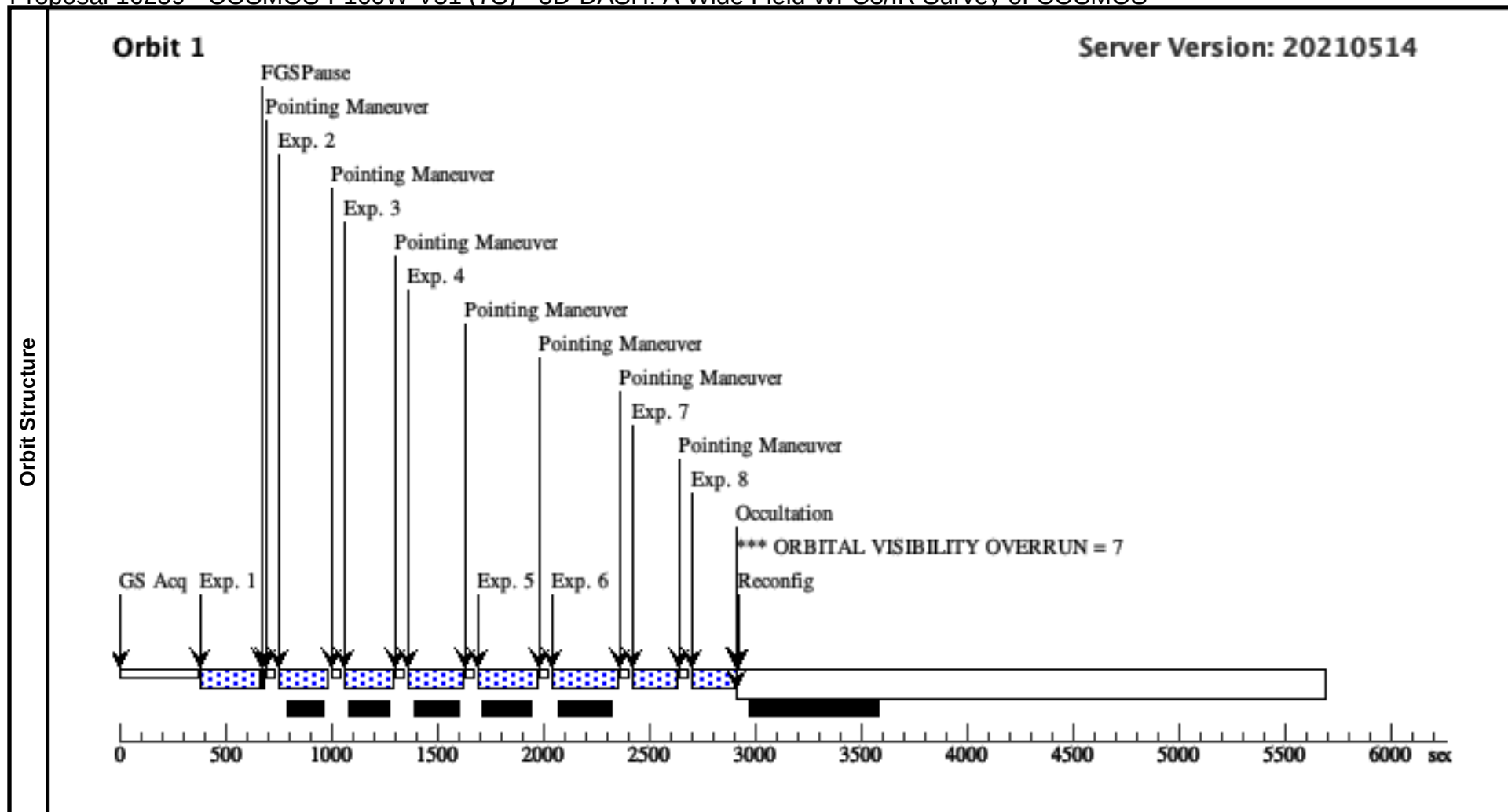
# Proposal 16259 - COSMOS-F160W-V50 (A2) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|---------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|--------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|--|--|--|
| Visit         | Proposal 16259, COSMOS-F160W-V50 (A2), completed                                   |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  | Wed Aug 25 21:02:43 GMT 2021 |  |  |  |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 115D TO 115 D |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
| Diagnostics   | (COSMOS-F160W-V50 (A2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|               | (COSMOS-F160W-V50 (A2)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|               | (COSMOS-F160W-V50 (A2)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|               | (COSMOS-F160W-V50 (A2)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|               | (COSMOS-F160W-V50 (A2)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|               | (COSMOS-F160W-V50 (A2)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|               | (COSMOS-F160W-V50 (A2)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
|               | (COSMOS-F160W-V50 (A2)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections       |                    |                                                | Fluxes                                  |  | Miscellaneous                |  |  |  |
|               | (50)                                                                               | COSMOS-F160W-50 | RA: 09 59 33.8362 (149.8909842d)<br>Dec: +01 40 34.62 (1.67628d)<br>Equinox: J2000 |                             |               |                                |                    |                                                | V=25                                    |  | Reference Frame: ICRS        |  |  |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |
| Exposures     | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |  |  |  |
|               | 1                                                                                  |                 | (50) COSMOS-F160 W-50                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V50 (A2) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               | 2                                                                                  |                 | (50) COSMOS-F160 W-50                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 132,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V50 (A2) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               | 3                                                                                  |                 | (50) COSMOS-F160 W-50                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 264,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V50 (A2) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               | 4                                                                                  |                 | (50) COSMOS-F160 W-50                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 396,0     | Sequence 1-8 Non-Int in COSMOS-F160 W-V50 (A2) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               | 5                                                                                  |                 | (50) COSMOS-F160 W-50                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 352.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V50 (A2) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               | 6                                                                                  |                 | (50) COSMOS-F160 W-50                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 220.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V50 (A2) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               | 7                                                                                  |                 | (50) COSMOS-F160 W-50                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 88,117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V50 (A2) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               | 8                                                                                  |                 | (50) COSMOS-F160 W-50                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.5,117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V50 (A2) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               |                                                                                    |                 |                                                                                    |                             |               |                                |                    |                                                |                                         |  |                              |  |  |  |



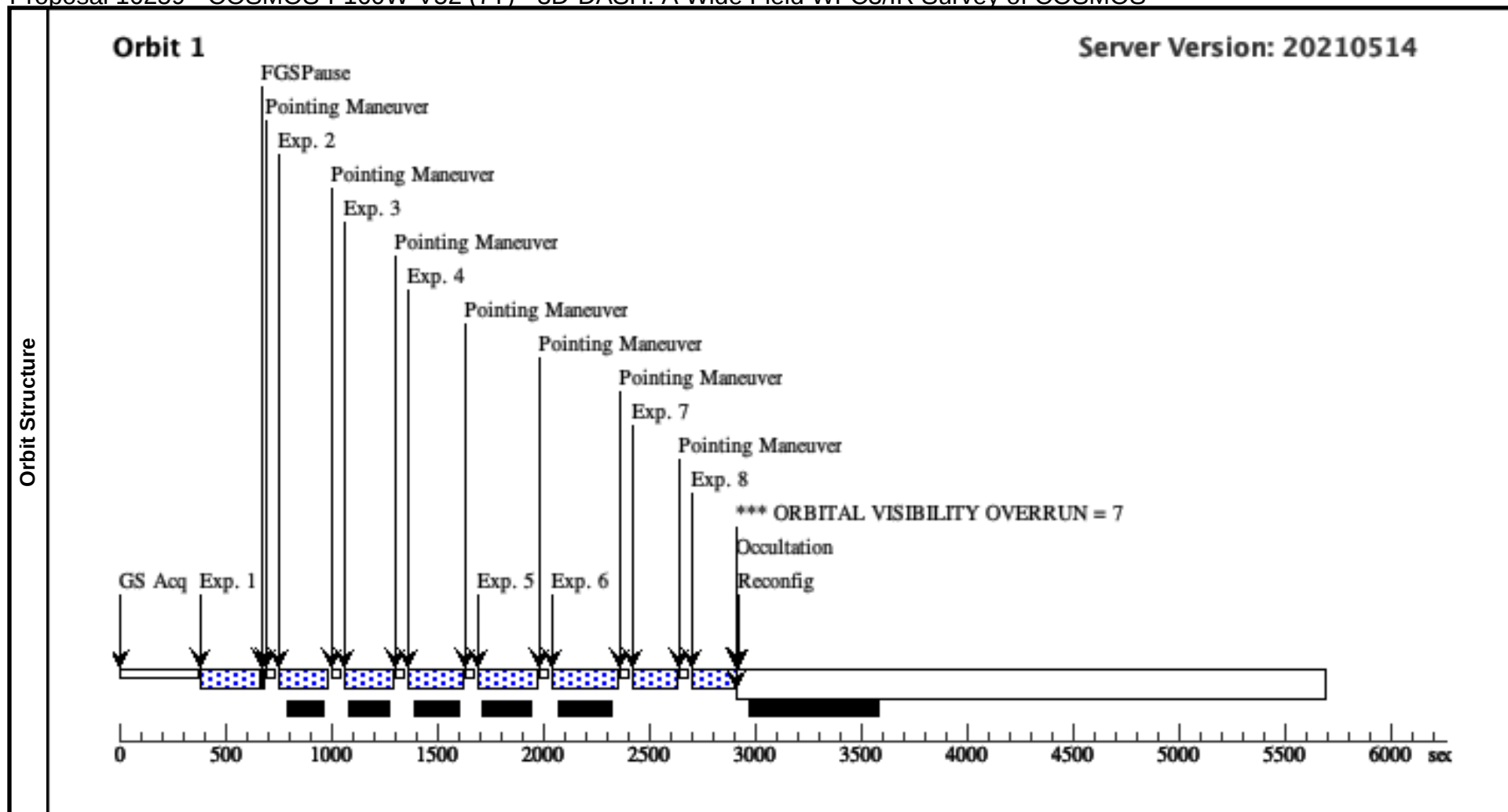
# Proposal 16259 - COSMOS-F160W-V51 (7S) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|----------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|--|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V51 (7S), completed                                   |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       | Wed Aug 25 21:02:43 GMT 2021 |  |  |  |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
| Diagnostics                                                     | (COSMOS-F160W-V51 (7S)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V51 (7S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V51 (7S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V51 (7S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V51 (7S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V51 (7S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V51 (7S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V51 (7S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections       |                      | Fluxes                                         |                                         | Miscellaneous         |                              |  |  |  |
|                                                                 | (51)                                                                               | COSMOS-F160W-51 | RA: 09 58 10.5075 (149.5437812d)<br>Dec: +02 46 40.31 (2.77786d)<br>Equinox: J2000 |                             |               |                                |                      | V=25                                           |                                         | Reference Frame: ICRS |                              |  |  |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |  |  |
|                                                                 | 1                                                                                  |                 | (51) COSMOS-F160 W-51                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V51 (7S) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 | 2                                                                                  |                 | (51) COSMOS-F160 W-51                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V51 (7S) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 | 3                                                                                  |                 | (51) COSMOS-F160 W-51                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V51 (7S) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 | 4                                                                                  |                 | (51) COSMOS-F160 W-51                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V51 (7S) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 | 5                                                                                  |                 | (51) COSMOS-F160 W-51                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V51 (7S) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 | 6                                                                                  |                 | (51) COSMOS-F160 W-51                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V51 (7S) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 | 7                                                                                  |                 | (51) COSMOS-F160 W-51                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V51 (7S) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 | 8                                                                                  |                 | (51) COSMOS-F160 W-51                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V51 (7S) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |  |  |



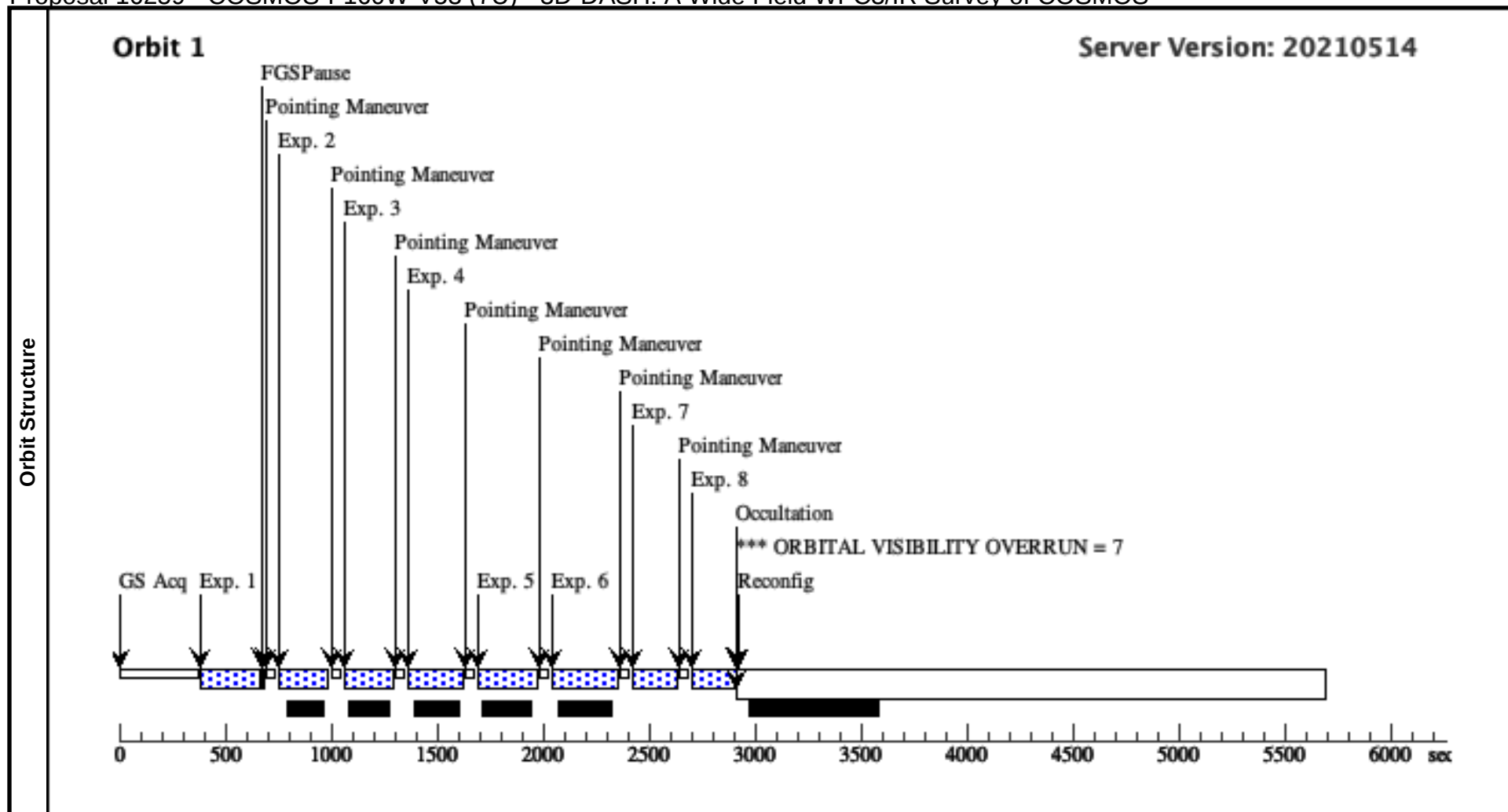
# Proposal 16259 - COSMOS-F160W-V52 (7T) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |  |                              |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|----------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V52 (7T), completed                                   |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |  | Wed Aug 25 21:02:43 GMT 2021 |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |  |                              |
| Diagnostics                                                     | (COSMOS-F160W-V52 (7T)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V52 (7T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V52 (7T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V52 (7T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V52 (7T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V52 (7T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V52 (7T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V52 (7T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |  |                              |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections       |                      | Fluxes                                         | Miscellaneous                           |  |                              |
|                                                                 | (52)                                                                               | COSMOS-F160W-52 | RA: 09 58 10.4587 (149.5435779d)<br>Dec: +02 42 30.72 (2.70853d)<br>Equinox: J2000 |                             |               |                                |                      | V=25                                           | Reference Frame: ICRS                   |  |                              |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |  |                              |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |
|                                                                 | 1                                                                                  |                 | (52) COSMOS-F160 W-52                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V52 (7T) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 2                                                                                  |                 | (52) COSMOS-F160 W-52                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V52 (7T) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 3                                                                                  |                 | (52) COSMOS-F160 W-52                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V52 (7T) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 4                                                                                  |                 | (52) COSMOS-F160 W-52                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V52 (7T) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 5                                                                                  |                 | (52) COSMOS-F160 W-52                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V52 (7T) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 6                                                                                  |                 | (52) COSMOS-F160 W-52                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V52 (7T) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 7                                                                                  |                 | (52) COSMOS-F160 W-52                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V52 (7T) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 8                                                                                  |                 | (52) COSMOS-F160 W-52                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V52 (7T) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |



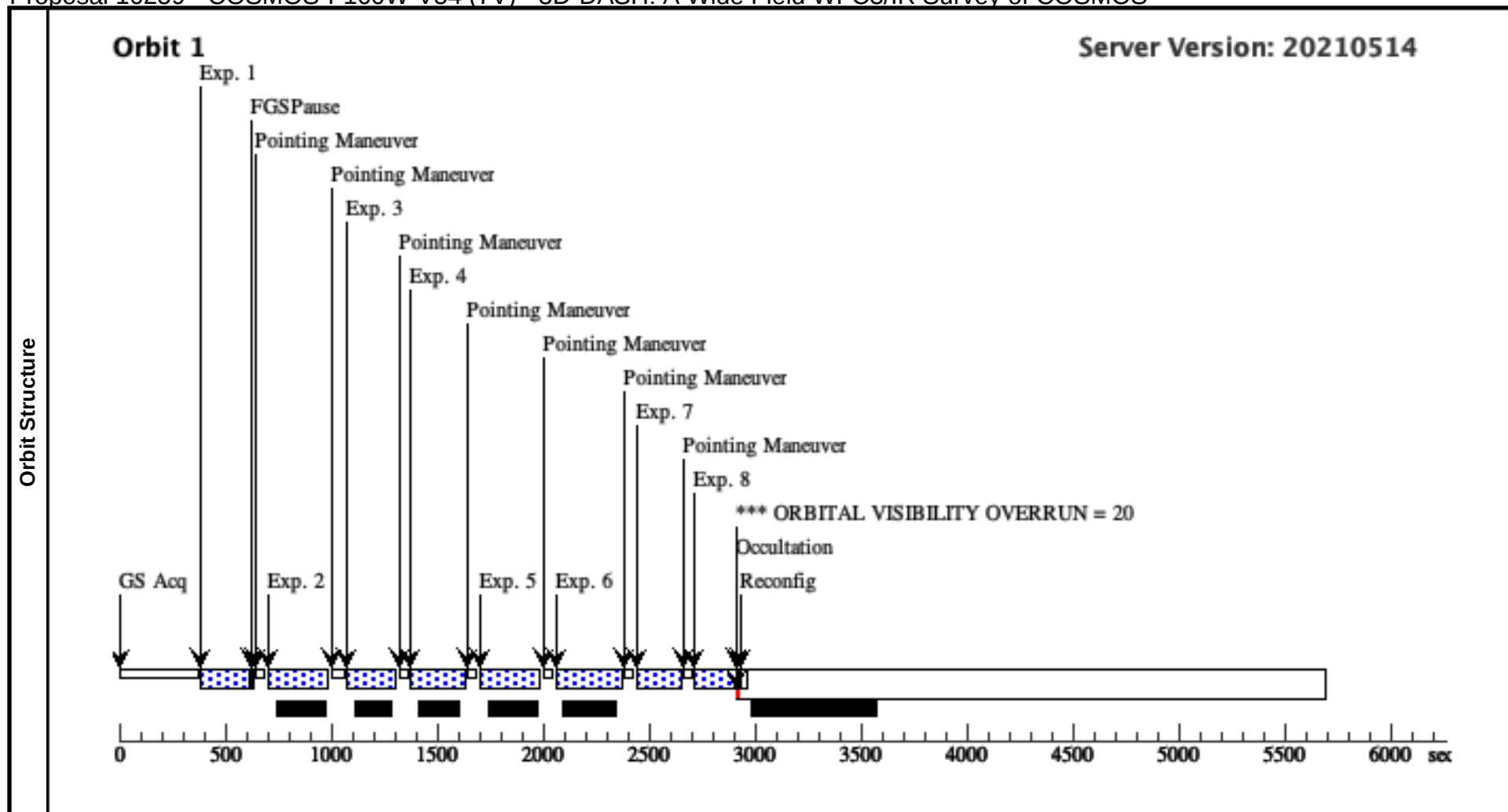
# Proposal 16259 - COSMOS-F160W-V53 (7U) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|----------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V53 (7U), completed                                   |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       | Wed Aug 25 21:02:43 GMT 2021 |  |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |
| Diagnostics                                                     | (COSMOS-F160W-V53 (7U)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V53 (7U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V53 (7U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V53 (7U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V53 (7U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V53 (7U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V53 (7U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V53 (7U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections       |                      | Fluxes                                         |                                         | Miscellaneous         |                              |  |
|                                                                 | (53)                                                                               | COSMOS-F160W-53 | RA: 09 58 10.4099 (149.5433746d)<br>Dec: +02 38 21.12 (2.63920d)<br>Equinox: J2000 |                             |               |                                |                      | V=25                                           |                                         | Reference Frame: ICRS |                              |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |
|                                                                 | 1                                                                                  |                 | (53) COSMOS-F160 W-53                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V53 (7U) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 2                                                                                  |                 | (53) COSMOS-F160 W-53                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V53 (7U) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 3                                                                                  |                 | (53) COSMOS-F160 W-53                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V53 (7U) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 4                                                                                  |                 | (53) COSMOS-F160 W-53                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V53 (7U) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 5                                                                                  |                 | (53) COSMOS-F160 W-53                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V53 (7U) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 6                                                                                  |                 | (53) COSMOS-F160 W-53                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V53 (7U) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 7                                                                                  |                 | (53) COSMOS-F160 W-53                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V53 (7U) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 8                                                                                  |                 | (53) COSMOS-F160 W-53                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V53 (7U) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |



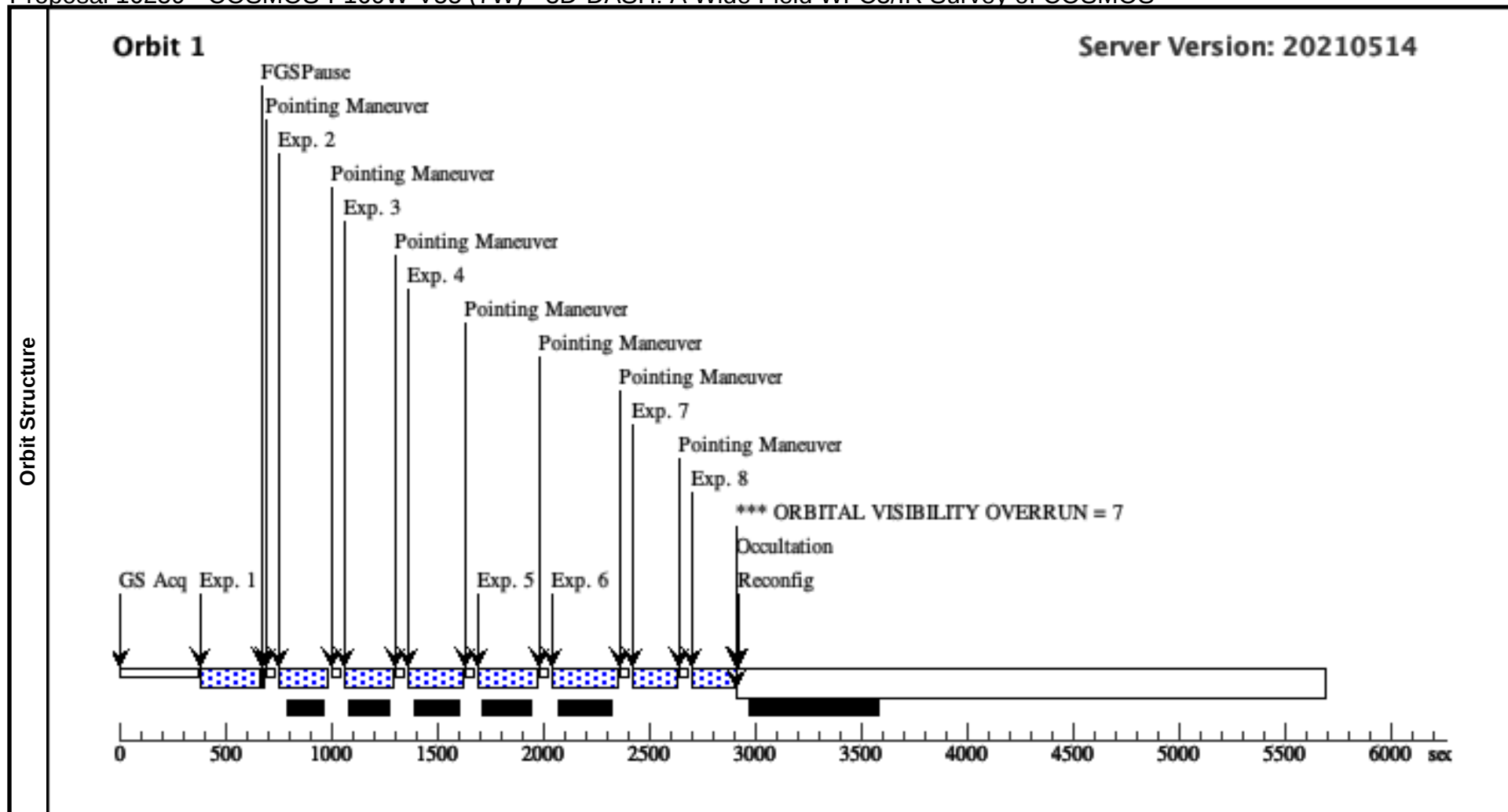
# Proposal 16259 - COSMOS-F160W-V54 (7V) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                    |                             |                          |                                |                                              |                                                |                                         |  |       |
|---------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|----------------------------------------------|------------------------------------------------|-----------------------------------------|--|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V54 (7V), implementation                              |                 |                                                                                    |                             |                          |                                |                                              |                                                | Wed Aug 25 21:02:43 GMT 2021            |  |       |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                    |                             |                          |                                |                                              |                                                |                                         |  |       |
| Diagnostics   | (COSMOS-F160W-V54 (7V)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V54 (7V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V54 (7V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V54 (7V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V54 (7V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V54 (7V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V54 (7V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V54 (7V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |                          |                                |                                              |                                                |                                         |  |       |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                 |                             | Targ. Coord. Corrections |                                | Fluxes                                       |                                                | Miscellaneous                           |  |       |
|               | (54)                                                                               | COSMOS-F160W-54 | RA: 09 58 10.3611 (149.5431713d)<br>Dec: +02 34 11.53 (2.56987d)<br>Equinox: J2000 |                             |                          |                                | V=25                                         |                                                | Reference Frame: ICRS                   |  |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                    |                             |                          |                                |                                              |                                                |                                         |  |       |
| Exposures     | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.                                | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|               | 1                                                                                  |                 | (54) COSMOS-F160 W-54                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0;<br>GS ACQ SCENARI O BASE1B3 | Sequence 1-8 Non-Int in COSMOS-F160 W-V54 (7V) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 2                                                                                  |                 | (54) COSMOS-F160 W-54                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V54 (7V) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|               | 3                                                                                  |                 | (54) COSMOS-F160 W-54                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V54 (7V) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 4                                                                                  |                 | (54) COSMOS-F160 W-54                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V54 (7V) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|               | 5                                                                                  |                 | (54) COSMOS-F160 W-54                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117                         | Sequence 1-8 Non-Int in COSMOS-F160 W-V54 (7V) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|               | 6                                                                                  |                 | (54) COSMOS-F160 W-54                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117                         | Sequence 1-8 Non-Int in COSMOS-F160 W-V54 (7V) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|               | 7                                                                                  |                 | (54) COSMOS-F160 W-54                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117                            | Sequence 1-8 Non-Int in COSMOS-F160 W-V54 (7V) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               | 8                                                                                  |                 | (54) COSMOS-F160 W-54                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V54 (7V) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |



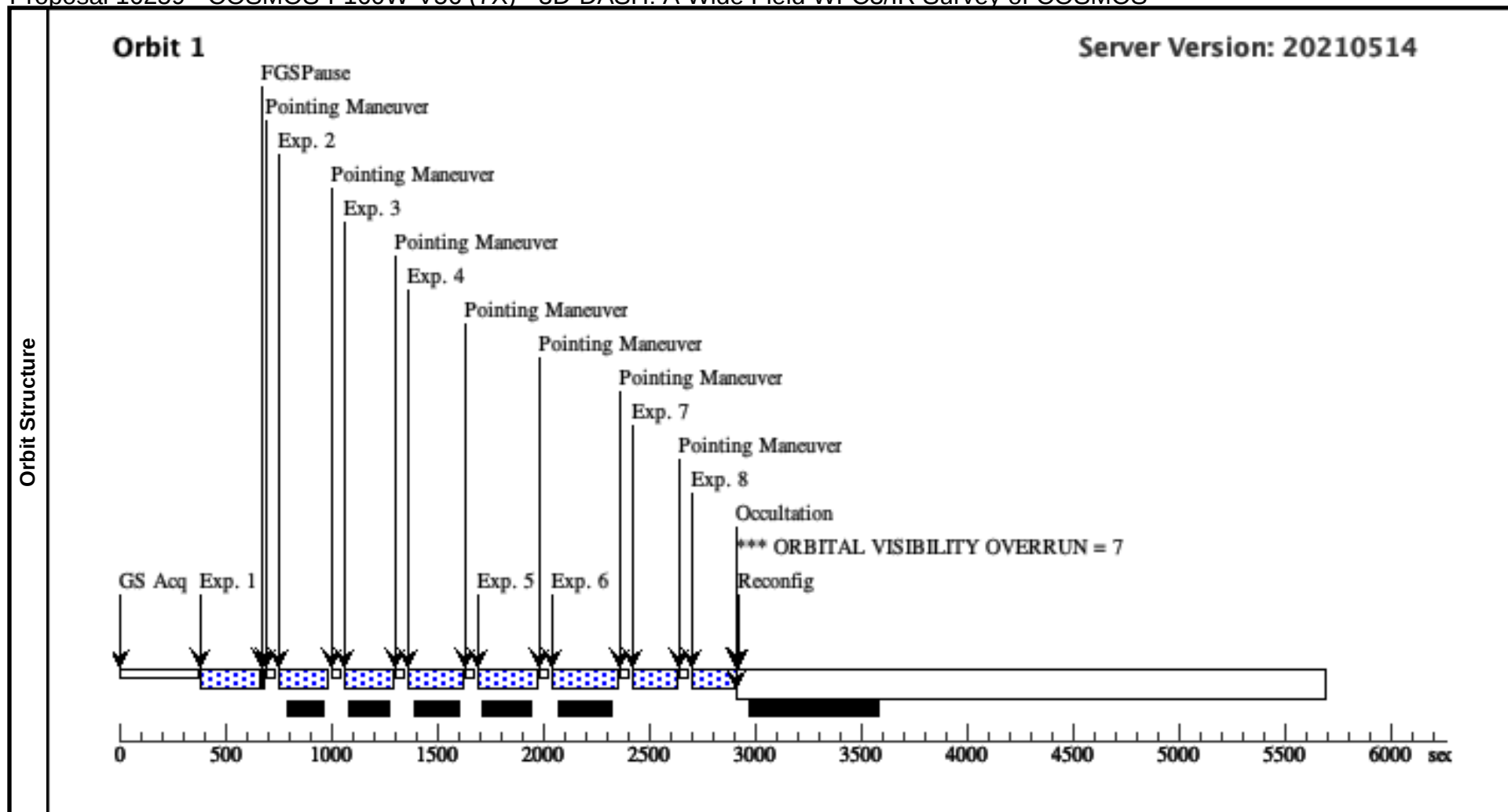
# Proposal 16259 - COSMOS-F160W-V55 (7W) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|---------------|------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|-----------------------|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V55 (7W), completed                                   |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       | Wed Aug 25 21:02:43 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Diagnostics   | (COSMOS-F160W-V55 (7W)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V55 (7W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V55 (7W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V55 (7W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V55 (7W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V55 (7W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V55 (7W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |
|               | (COSMOS-F160W-V55 (7W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Fixed Targets | #                                                                                  | Name                  | Target Coordinates                                                                |                             |                                | Targ. Coord. Corrections       |                                                | Fluxes                                         |                                 | Miscellaneous         |                              |
|               | (55)                                                                               | COSMOS-F160W-55       | RA: 09 58 10.3124 (149.5429683d)<br>Dec: +02 30 1.93 (2.50054d)<br>Equinox: J2000 |                             |                                |                                |                                                | V=25                                           |                                 | Reference Frame: ICRS |                              |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |
| Exposures     | #                                                                                  | Label                 | Target                                                                            | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |                       | Orbit                        |
|               | 1                                                                                  |                       | (55) COSMOS-F160 W-55                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V55 (7W) | 252.934546 Secs (252.935 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                   |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 2                                                                                  |                       | (55) COSMOS-F160 W-55                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V55 (7W) | 202.936411 Secs (202.936 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                   |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 3                                                                                  |                       | (55) COSMOS-F160 W-55                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V55 (7W) | 202.936411 Secs (202.936 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                   |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 4                                                                                  |                       | (55) COSMOS-F160 W-55                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V55 (7W) | 227.936926 Secs (227.937 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                   |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |
|               | 5                                                                                  |                       | (55) COSMOS-F160 W-55                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V55 (7W) | 252.937441 Secs (252.937 Secs)  |                       |                              |
|               |                                                                                    |                       |                                                                                   |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 6             |                                                                                    | (55) COSMOS-F160 W-55 | WFC3/IR, MULTIACCUM, IR-FIX                                                       | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117           | Sequence 1-8 Non-Int in COSMOS-F160 W-V55 (7W) | 277.937956 Secs (277.938 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                   |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 7             |                                                                                    | (55) COSMOS-F160 W-55 | WFC3/IR, MULTIACCUM, IR-FIX                                                       | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117              | Sequence 1-8 Non-Int in COSMOS-F160 W-V55 (7W) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                   |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |
| 8             |                                                                                    | (55) COSMOS-F160 W-55 | WFC3/IR, MULTIACCUM, IR-FIX                                                       | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117             | Sequence 1-8 Non-Int in COSMOS-F160 W-V55 (7W) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |
|               |                                                                                    |                       |                                                                                   |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |



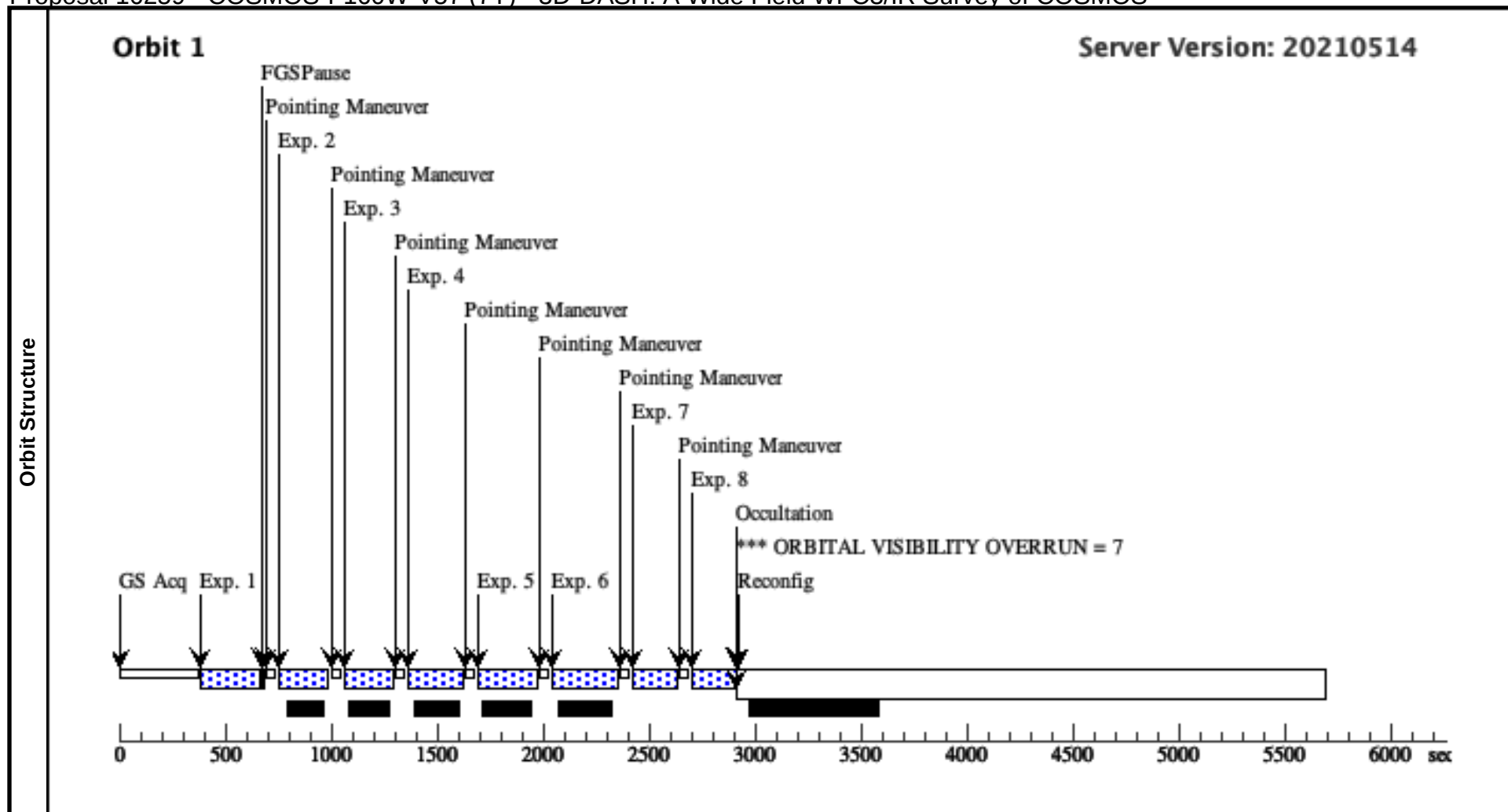
# Proposal 16259 - COSMOS-F160W-V56 (7X) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|----------------------|------------------------------------------------|-----------------------------------------|-------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V56 (7X), completed                                   |                 |                                                                                    |                             |               | Wed Aug 25 21:02:43 GMT 2021   |                      |                                                |                                         |       |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
| Diagnostics                                                     | (COSMOS-F160W-V56 (7X)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V56 (7X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V56 (7X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V56 (7X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V56 (7X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V56 (7X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V56 (7X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V56 (7X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                 | Targ. Coord. Corrections    | Fluxes        | Miscellaneous                  |                      |                                                |                                         |       |
|                                                                 | (56)                                                                               | COSMOS-F160W-56 | RA: 09 58 10.2636 (149.5427650d)<br>Dec: +02 25 52.34 (2.43121d)<br>Equinox: J2000 |                             | V=25          | Reference Frame: ICRS          |                      |                                                |                                         |       |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         | Orbit |
|                                                                 | 1                                                                                  |                 | (56) COSMOS-F160 W-56                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V56 (7X) | 252.934546 Secs (252.935 Secs)<br>[==>] | [1]   |
|                                                                 | 2                                                                                  |                 | (56) COSMOS-F160 W-56                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V56 (7X) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |
|                                                                 | 3                                                                                  |                 | (56) COSMOS-F160 W-56                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V56 (7X) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |
|                                                                 | 4                                                                                  |                 | (56) COSMOS-F160 W-56                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V56 (7X) | 227.936926 Secs (227.937 Secs)<br>[==>] | [1]   |
|                                                                 | 5                                                                                  |                 | (56) COSMOS-F160 W-56                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V56 (7X) | 252.937441 Secs (252.937 Secs)<br>[==>] | [1]   |
|                                                                 | 6                                                                                  |                 | (56) COSMOS-F160 W-56                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V56 (7X) | 277.937956 Secs (277.938 Secs)<br>[==>] | [1]   |
|                                                                 | 7                                                                                  |                 | (56) COSMOS-F160 W-56                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V56 (7X) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |
|                                                                 | 8                                                                                  |                 | (56) COSMOS-F160 W-56                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V56 (7X) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |



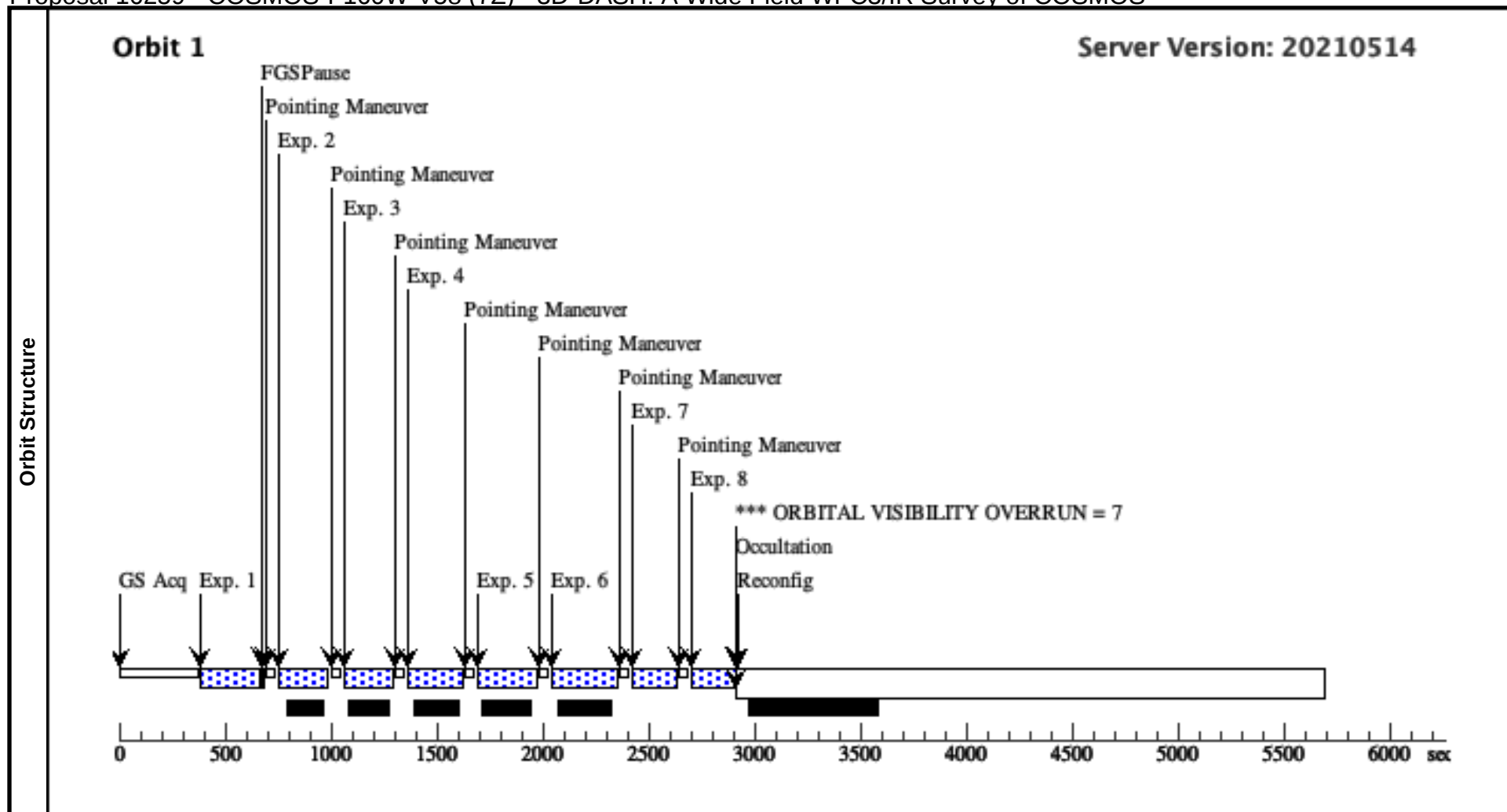
# Proposal 16259 - COSMOS-F160W-V57 (7Y) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|---------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|----------------------|------------------------------------------------|-----------------------------------------|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V57 (7Y), completed                                   |                 |                                                                                    |                             |               | Wed Aug 25 21:02:43 GMT 2021   |                      |                                                |                                         |       |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
| Diagnostics   | (COSMOS-F160W-V57 (7Y)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|               | (COSMOS-F160W-V57 (7Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|               | (COSMOS-F160W-V57 (7Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|               | (COSMOS-F160W-V57 (7Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|               | (COSMOS-F160W-V57 (7Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|               | (COSMOS-F160W-V57 (7Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|               | (COSMOS-F160W-V57 (7Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
|               | (COSMOS-F160W-V57 (7Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                 | Targ. Coord. Corrections    | Fluxes        | Miscellaneous                  |                      |                                                |                                         |       |
|               | (57)                                                                               | COSMOS-F160W-57 | RA: 09 58 10.2149 (149.5425621d)<br>Dec: +02 21 42.74 (2.36187d)<br>Equinox: J2000 |                             | V=25          | Reference Frame: ICRS          |                      |                                                |                                         |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |       |
| Exposures     | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         | Orbit |
|               | 1                                                                                  |                 | (57) COSMOS-F160 W-57                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V57 (7Y) | 252.934546 Secs (252.935 Secs)<br>[==>] | [1]   |
|               | 2                                                                                  |                 | (57) COSMOS-F160 W-57                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V57 (7Y) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |
|               | 3                                                                                  |                 | (57) COSMOS-F160 W-57                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V57 (7Y) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |
|               | 4                                                                                  |                 | (57) COSMOS-F160 W-57                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V57 (7Y) | 227.936926 Secs (227.937 Secs)<br>[==>] | [1]   |
|               | 5                                                                                  |                 | (57) COSMOS-F160 W-57                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V57 (7Y) | 252.937441 Secs (252.937 Secs)<br>[==>] | [1]   |
|               | 6                                                                                  |                 | (57) COSMOS-F160 W-57                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V57 (7Y) | 277.937956 Secs (277.938 Secs)<br>[==>] | [1]   |
|               | 7                                                                                  |                 | (57) COSMOS-F160 W-57                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V57 (7Y) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |
|               | 8                                                                                  |                 | (57) COSMOS-F160 W-57                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V57 (7Y) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |



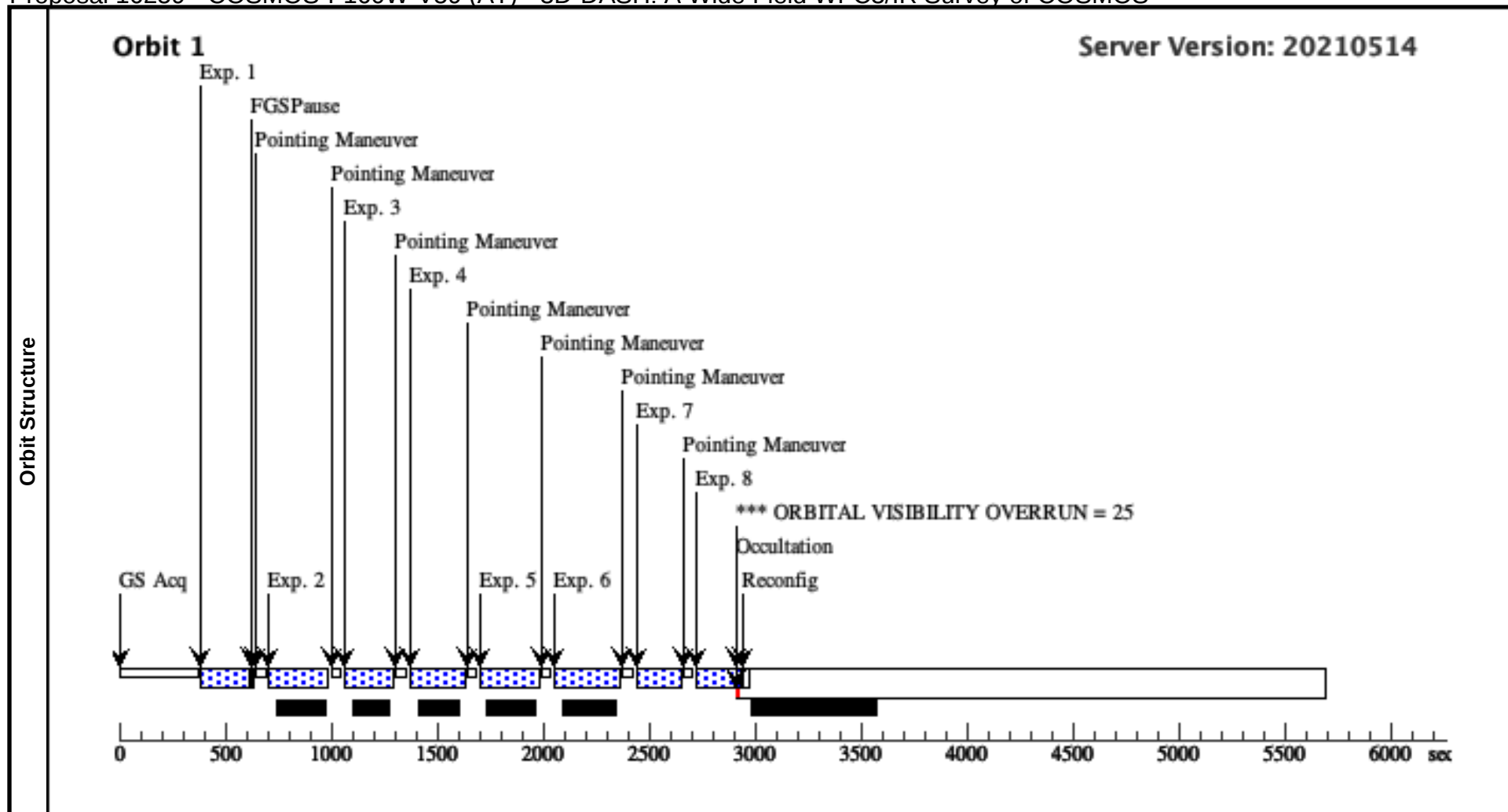
# Proposal 16259 - COSMOS-F160W-V58 (7Z) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|-----|------------------------------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V58 (7Z), completed                                   |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     | Wed Aug 25 21:02:43 GMT 2021 |
|                                                                 | Diagnostic Status: Warning                                                         |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
| Diagnostics                                                     | (COSMOS-F160W-V58 (7Z)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | (COSMOS-F160W-V58 (7Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | (COSMOS-F160W-V58 (7Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | (COSMOS-F160W-V58 (7Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | (COSMOS-F160W-V58 (7Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | (COSMOS-F160W-V58 (7Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | (COSMOS-F160W-V58 (7Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | (COSMOS-F160W-V58 (7Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
| Fixed Targets                                                   | #                                                                                  | Name                  | Target Coordinates                                                                 |                             |                                | Targ. Coord. Corrections       |                                                | Fluxes                                         | Miscellaneous                   |     |                              |
|                                                                 | (58)                                                                               | COSMOS-F160W-58       | RA: 09 58 10.1661 (149.5423588d)<br>Dec: +02 17 33.15 (2.29254d)<br>Equinox: J2000 |                             |                                |                                |                                                | V=25                                           | Reference Frame: ICRS           |     |                              |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
| Exposures                                                       | #                                                                                  | Label                 | Target                                                                             | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |     | Orbit                        |
|                                                                 | 1                                                                                  |                       | (58) COSMOS-F160 W-58                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V58 (7Z) | 252.934546 Secs (252.935 Secs)  |     |                              |
|                                                                 |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |
|                                                                 | 2                                                                                  |                       | (58) COSMOS-F160 W-58                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V58 (7Z) | 202.936411 Secs (202.936 Secs)  |     |                              |
|                                                                 |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |
|                                                                 | 3                                                                                  |                       | (58) COSMOS-F160 W-58                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V58 (7Z) | 202.936411 Secs (202.936 Secs)  |     |                              |
|                                                                 |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |
|                                                                 | 4                                                                                  |                       | (58) COSMOS-F160 W-58                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V58 (7Z) | 227.936926 Secs (227.937 Secs)  |     |                              |
|                                                                 |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |
|                                                                 | 5                                                                                  |                       | (58) COSMOS-F160 W-58                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V58 (7Z) | 252.937441 Secs (252.937 Secs)  |     |                              |
|                                                                 |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |
| 6                                                               |                                                                                    | (58) COSMOS-F160 W-58 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117           | Sequence 1-8 Non-Int in COSMOS-F160 W-V58 (7Z) | 277.937956 Secs (277.938 Secs)                 |                                 |     |                              |
|                                                                 |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |
| 7                                                               |                                                                                    | (58) COSMOS-F160 W-58 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117              | Sequence 1-8 Non-Int in COSMOS-F160 W-V58 (7Z) | 177.935896 Secs (177.936 Secs)                 |                                 |     |                              |
|                                                                 |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |
| 8                                                               |                                                                                    | (58) COSMOS-F160 W-58 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117             | Sequence 1-8 Non-Int in COSMOS-F160 W-V58 (7Z) | 177.935896 Secs (177.936 Secs)                 |                                 |     |                              |
|                                                                 |                                                                                    |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |



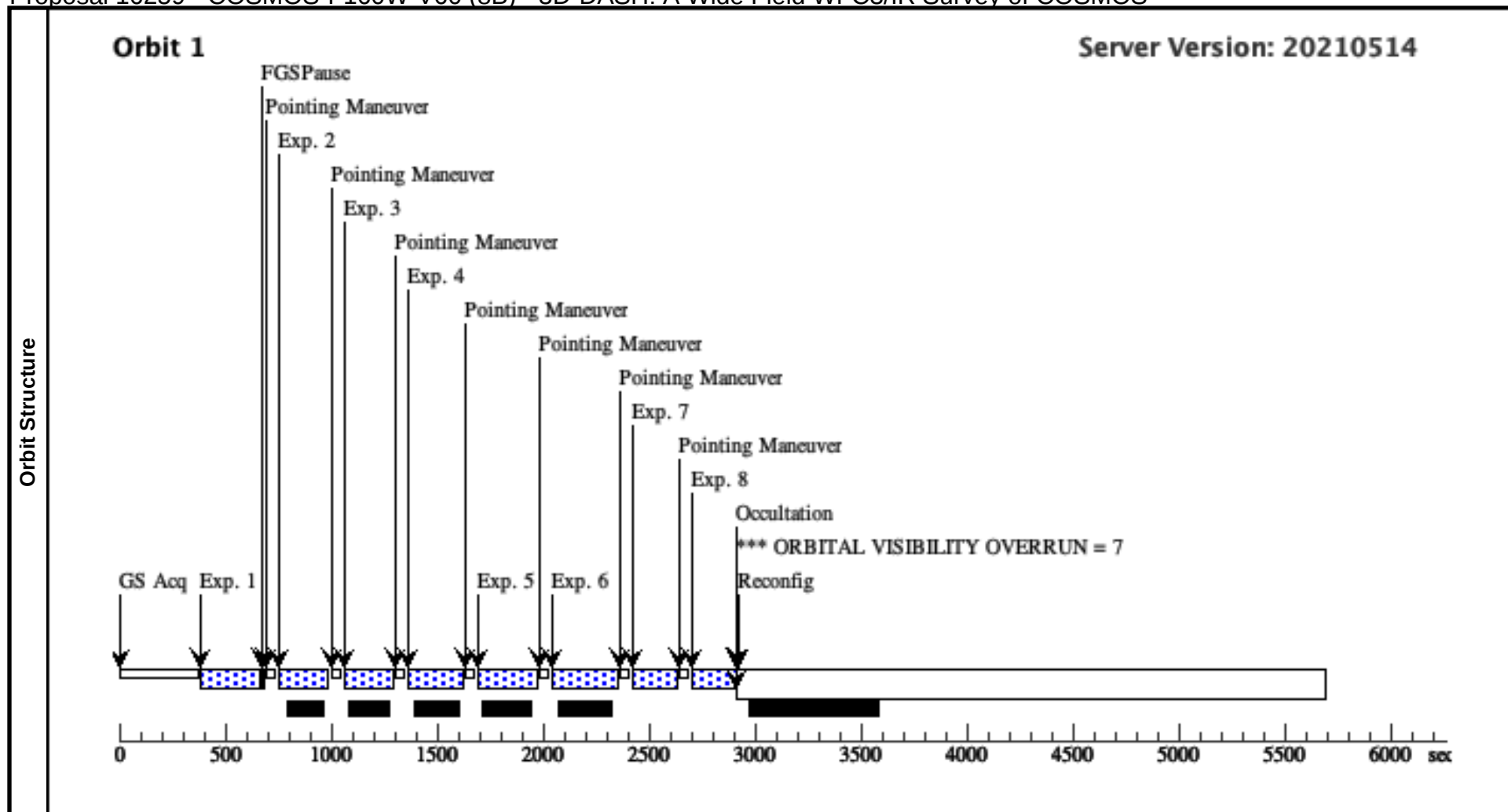
# Proposal 16259 - COSMOS-F160W-V59 (AT) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                    |                             |               |                                |                                                  |                                                |                                         |                              |       |  |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|--------------------------------------------------|------------------------------------------------|-----------------------------------------|------------------------------|-------|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V59 (AT), implementation                              |                 |                                                                                    |                             |               |                                |                                                  |                                                |                                         | Wed Aug 25 21:02:43 GMT 2021 |       |  |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                                                  |                                                |                                         |                              |       |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                                                  |                                                |                                         |                              |       |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                    |                             |               |                                |                                                  |                                                |                                         |                              |       |  |
| Diagnostics                                                     | (COSMOS-F160W-V59 (AT)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                                                  |                                                |                                         |                              |       |  |
|                                                                 | (COSMOS-F160W-V59 (AT)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                                                  |                                                |                                         |                              |       |  |
|                                                                 | (COSMOS-F160W-V59 (AT)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                                                  |                                                |                                         |                              |       |  |
|                                                                 | (COSMOS-F160W-V59 (AT)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                                                  |                                                |                                         |                              |       |  |
|                                                                 | (COSMOS-F160W-V59 (AT)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                                                  |                                                |                                         |                              |       |  |
|                                                                 | (COSMOS-F160W-V59 (AT)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                                                  |                                                |                                         |                              |       |  |
|                                                                 | (COSMOS-F160W-V59 (AT)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                                                  |                                                |                                         |                              |       |  |
|                                                                 | (COSMOS-F160W-V59 (AT)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                                                  |                                                |                                         |                              |       |  |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections       |                                                  | Fluxes                                         |                                         | Miscellaneous                |       |  |
|                                                                 | (59)                                                                               | COSMOS-F160W-59 | RA: 09 58 26.6438 (149.6110158d)<br>Dec: +02 14 55.35 (2.24871d)<br>Equinox: J2000 |                             |               |                                |                                                  | V=25                                           |                                         | Reference Frame: ICRS        |       |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                    |                             |               |                                |                                                  |                                                |                                         |                              |       |  |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.                                    | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                              | Orbit |  |
|                                                                 | 1                                                                                  |                 | (59) COSMOS-F160 W-59                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V59 (AT) | 202.936411 Secs (202.936 Secs)<br>[==>] |                              | [1]   |  |
|                                                                 | 2                                                                                  |                 | (59) COSMOS-F160 W-59                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                  | Sequence 1-8 Non-Int in COSMOS-F160 W-V59 (AT) | 252.934546 Secs (252.935 Secs)<br>[==>] |                              | [1]   |  |
|                                                                 | 3                                                                                  |                 | (59) COSMOS-F160 W-59                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0                                  | Sequence 1-8 Non-Int in COSMOS-F160 W-V59 (AT) | 202.936411 Secs (202.936 Secs)<br>[==>] |                              | [1]   |  |
|                                                                 | 4                                                                                  |                 | (59) COSMOS-F160 W-59                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 42.3911 0297612824,-144.73 514832340513 | Sequence 1-8 Non-Int in COSMOS-F160 W-V59 (AT) | 227.936926 Secs (227.937 Secs)<br>[==>] |                              | [1]   |  |
|                                                                 | 5                                                                                  |                 | (59) COSMOS-F160 W-59                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 174,-117                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V59 (AT) | 252.937441 Secs (252.937 Secs)<br>[==>] |                              | [1]   |  |
|                                                                 | 6                                                                                  |                 | (59) COSMOS-F160 W-59                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 308,-117                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V59 (AT) | 277.937956 Secs (277.938 Secs)<br>[==>] |                              | [1]   |  |
|                                                                 | 7                                                                                  |                 | (59) COSMOS-F160 W-59                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 132,0                                   | Sequence 1-8 Non-Int in COSMOS-F160 W-V59 (AT) | 177.935896 Secs (177.936 Secs)<br>[==>] |                              | [1]   |  |
|                                                                 | 8                                                                                  |                 | (59) COSMOS-F160 W-59                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 264,0                                   | Sequence 1-8 Non-Int in COSMOS-F160 W-V59 (AT) | 177.935896 Secs (177.936 Secs)<br>[==>] |                              | [1]   |  |



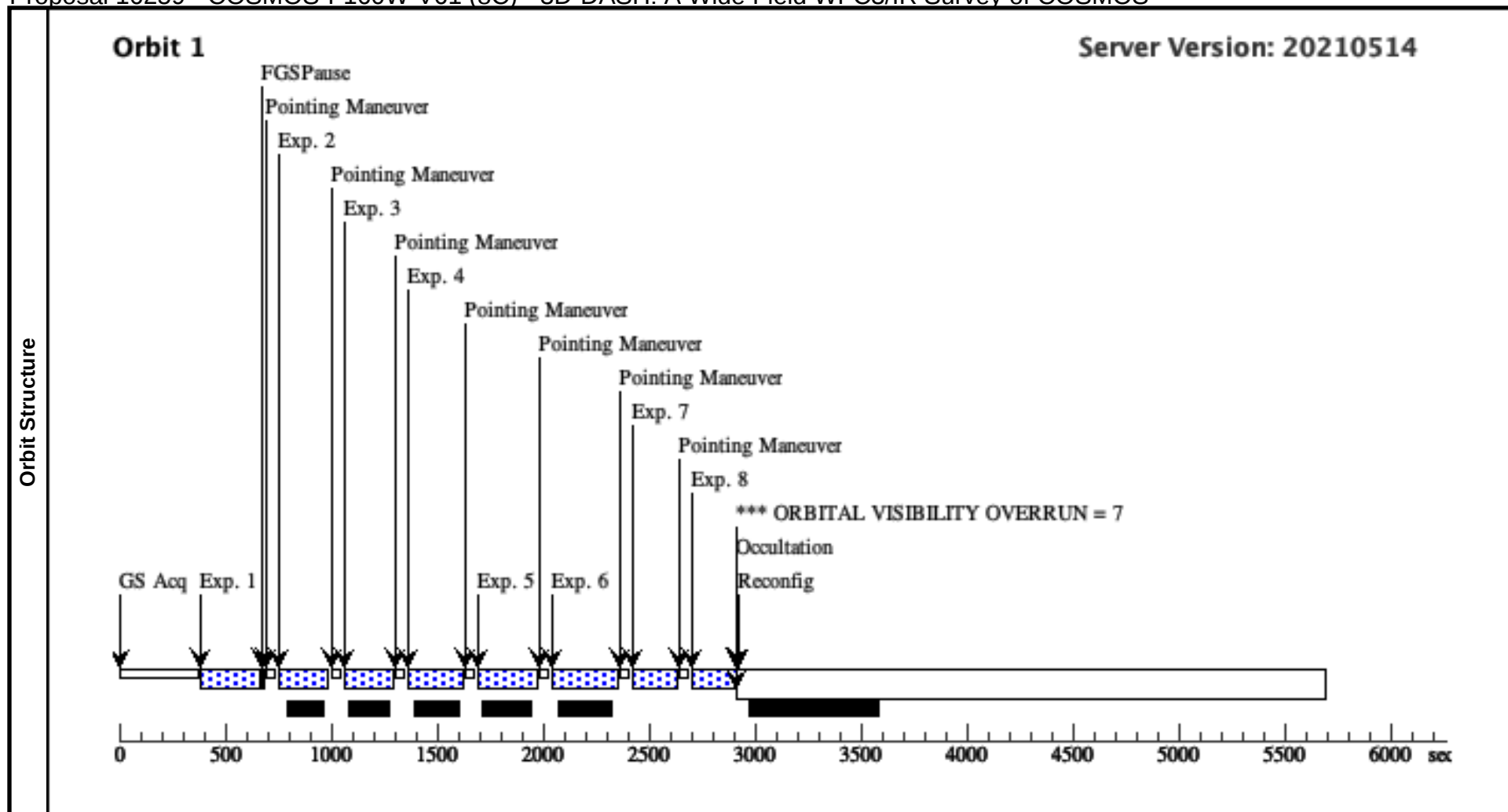
# Proposal 16259 - COSMOS-F160W-V60 (8B) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|----------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|--|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V60 (8B), completed                                   |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       | Wed Aug 25 21:02:43 GMT 2021 |  |  |  |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
| Diagnostics                                                     | (COSMOS-F160W-V60 (8B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V60 (8B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V60 (8B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V60 (8B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V60 (8B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V60 (8B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V60 (8B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
|                                                                 | (COSMOS-F160W-V60 (8B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections       |                      | Fluxes                                         |                                         | Miscellaneous         |                              |  |  |  |
|                                                                 | (60)                                                                               | COSMOS-F160W-60 | RA: 09 58 10.0686 (149.5419525d)<br>Dec: +02 09 13.96 (2.15388d)<br>Equinox: J2000 |                             |               |                                |                      | V=25                                           |                                         | Reference Frame: ICRS |                              |  |  |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |  |  |
|                                                                 | 1                                                                                  |                 | (60) COSMOS-F160 W-60                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V60 (8B) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 | 2                                                                                  |                 | (60) COSMOS-F160 W-60                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V60 (8B) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 | 3                                                                                  |                 | (60) COSMOS-F160 W-60                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V60 (8B) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 | 4                                                                                  |                 | (60) COSMOS-F160 W-60                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V60 (8B) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 | 5                                                                                  |                 | (60) COSMOS-F160 W-60                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V60 (8B) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 | 6                                                                                  |                 | (60) COSMOS-F160 W-60                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V60 (8B) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 | 7                                                                                  |                 | (60) COSMOS-F160 W-60                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V60 (8B) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 | 8                                                                                  |                 | (60) COSMOS-F160 W-60                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V60 (8B) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |  |  |
|                                                                 |                                                                                    |                 |                                                                                    |                             |               |                                |                      |                                                |                                         |                       |                              |  |  |  |



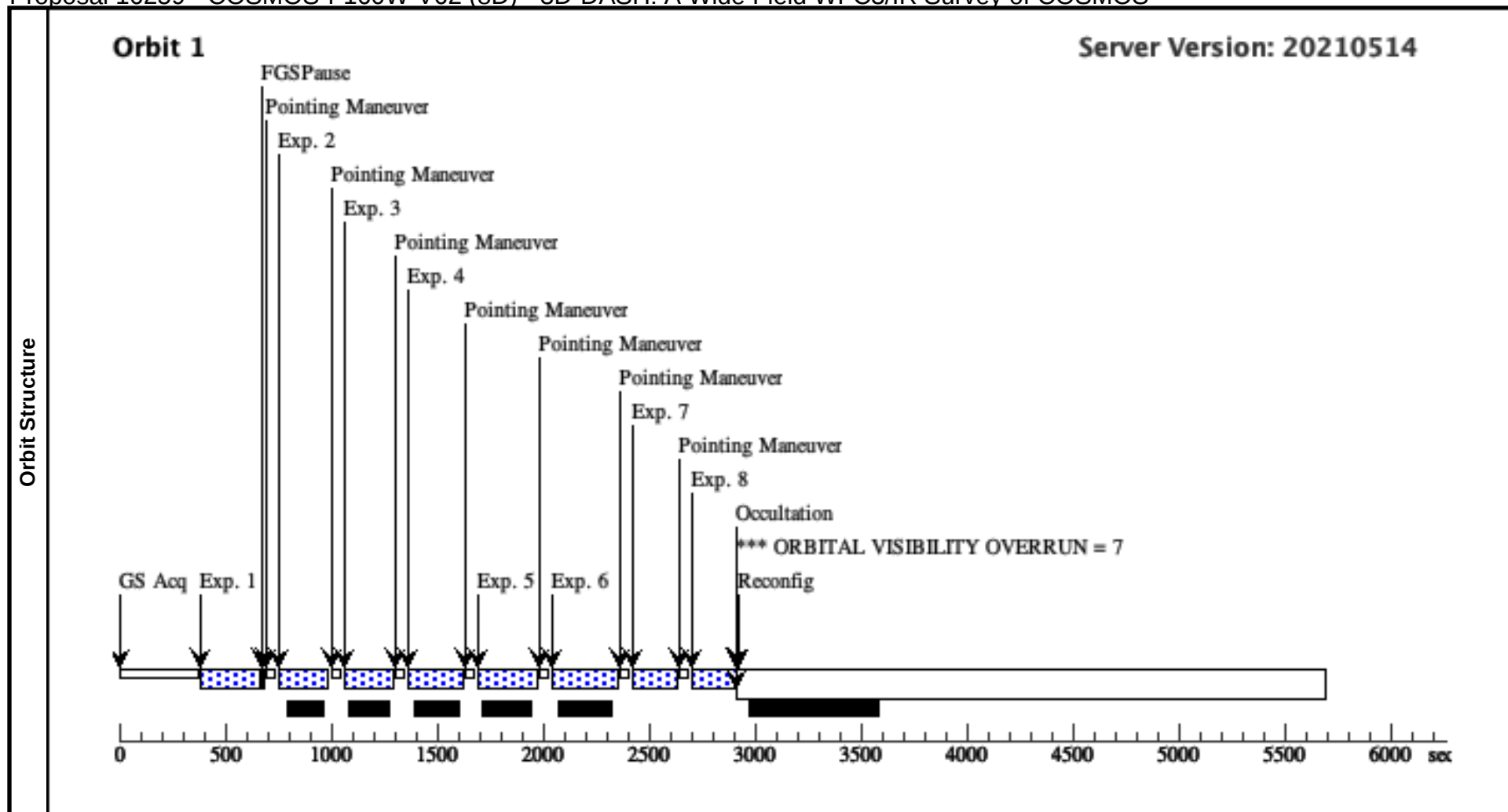
# Proposal 16259 - COSMOS-F160W-V61 (8C) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|---------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|----------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V61 (8C), completed                                   |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  | Wed Aug 25 21:02:43 GMT 2021 |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
| Diagnostics   | (COSMOS-F160W-V61 (8C)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V61 (8C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V61 (8C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V61 (8C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V61 (8C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V61 (8C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V61 (8C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V61 (8C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                      | Fluxes                                         | Miscellaneous                           |  |                              |
|               | (61)                                                                               | COSMOS-F160W-61 | RA: 09 58 10.0199 (149.5417496d)<br>Dec: +02 05 4.36 (2.08454d)<br>Equinox: J2000 |                             |               |                                |                      | V=25                                           | Reference Frame: ICRS                   |  |                              |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
| Exposures     | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |
|               | 1                                                                                  |                 | (61) COSMOS-F160 W-61                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V61 (8C) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |
|               | 2                                                                                  |                 | (61) COSMOS-F160 W-61                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V61 (8C) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|               | 3                                                                                  |                 | (61) COSMOS-F160 W-61                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V61 (8C) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|               | 4                                                                                  |                 | (61) COSMOS-F160 W-61                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V61 (8C) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |
|               | 5                                                                                  |                 | (61) COSMOS-F160 W-61                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V61 (8C) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |
|               | 6                                                                                  |                 | (61) COSMOS-F160 W-61                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V61 (8C) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |
|               | 7                                                                                  |                 | (61) COSMOS-F160 W-61                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V61 (8C) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|               | 8                                                                                  |                 | (61) COSMOS-F160 W-61                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V61 (8C) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |



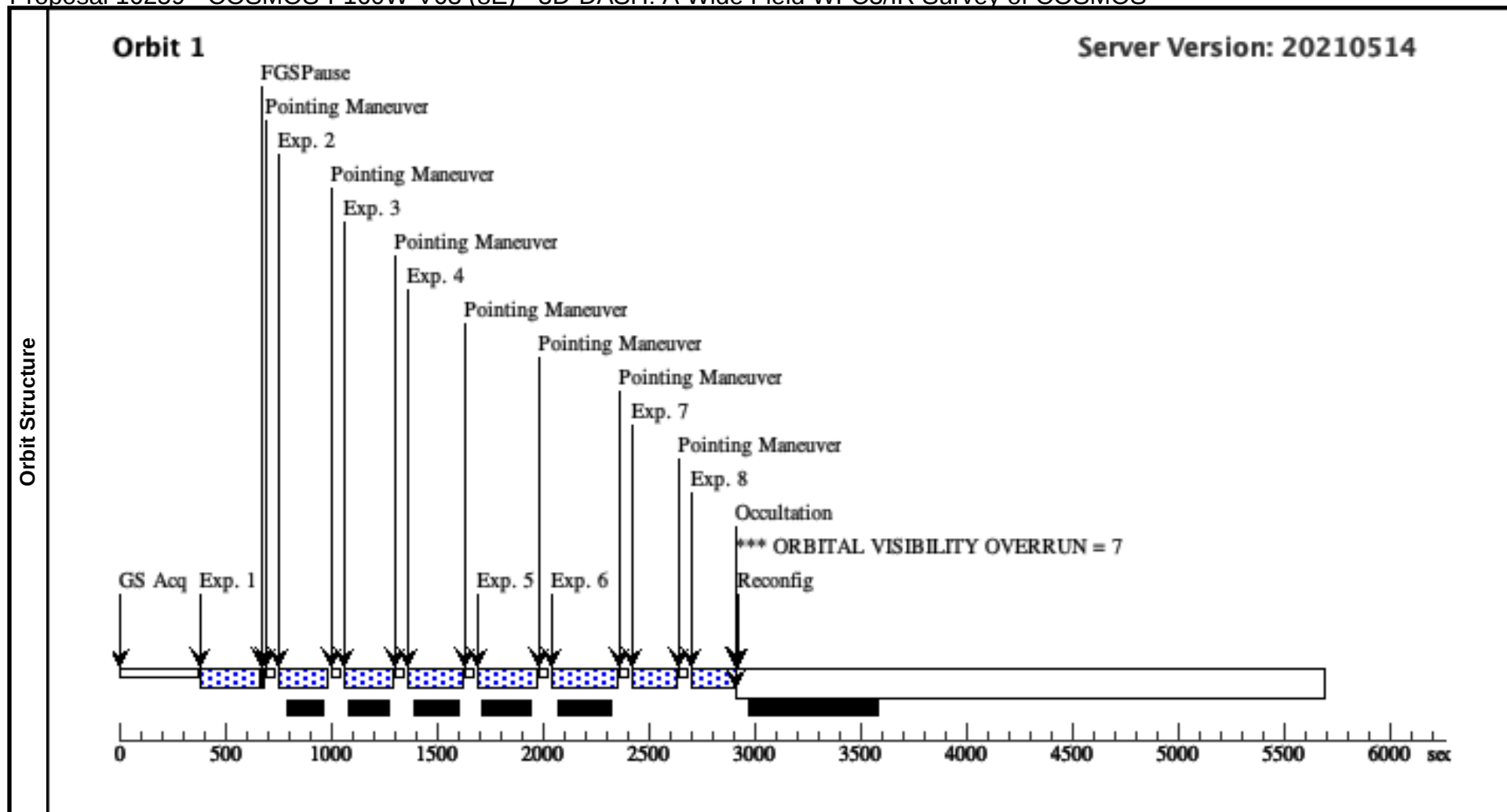
# Proposal 16259 - COSMOS-F160W-V62 (8D) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|----------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V62 (8D), completed                                   |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       | Wed Aug 25 21:02:43 GMT 2021 |  |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
| Diagnostics                                                     | (COSMOS-F160W-V62 (8D)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V62 (8D)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V62 (8D)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V62 (8D)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V62 (8D)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V62 (8D)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V62 (8D)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V62 (8D)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                      | Fluxes                                         |                                         | Miscellaneous         |                              |  |
|                                                                 | (62)                                                                               | COSMOS-F160W-62 | RA: 09 58 9.9712 (149.5415467d)<br>Dec: +02 00 54.77 (2.01521d)<br>Equinox: J2000 |                             |               |                                |                      | V=25                                           |                                         | Reference Frame: ICRS |                              |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |
|                                                                 | 1                                                                                  |                 | (62) COSMOS-F160 W-62                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V62 (8D) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 2                                                                                  |                 | (62) COSMOS-F160 W-62                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V62 (8D) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 3                                                                                  |                 | (62) COSMOS-F160 W-62                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V62 (8D) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 4                                                                                  |                 | (62) COSMOS-F160 W-62                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V62 (8D) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 5                                                                                  |                 | (62) COSMOS-F160 W-62                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V62 (8D) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 6                                                                                  |                 | (62) COSMOS-F160 W-62                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V62 (8D) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 7                                                                                  |                 | (62) COSMOS-F160 W-62                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V62 (8D) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 8                                                                                  |                 | (62) COSMOS-F160 W-62                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V62 (8D) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |



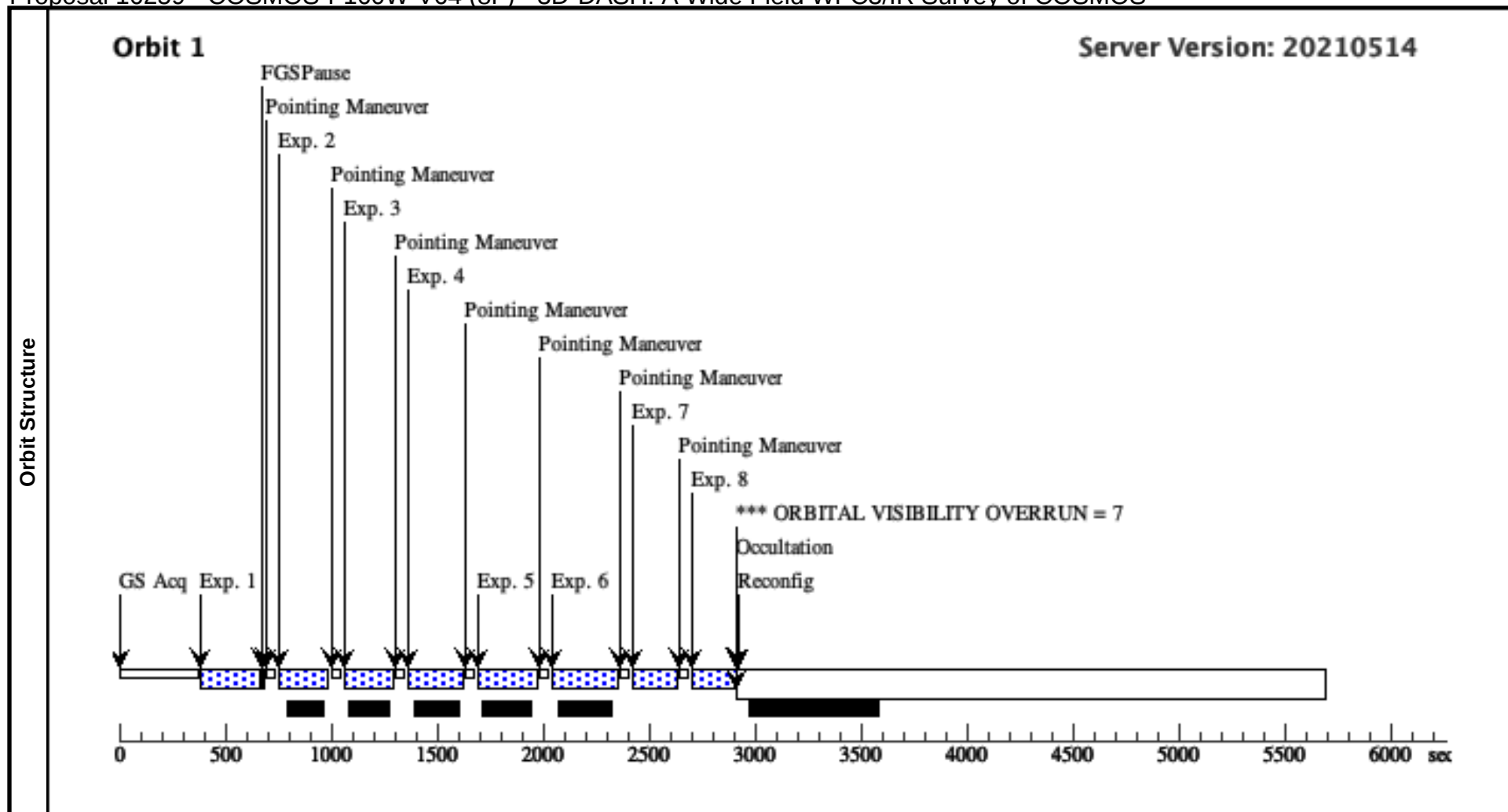
# Proposal 16259 - COSMOS-F160W-V63 (8E) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|----------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V63 (8E), completed                                   |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  | Wed Aug 25 21:02:43 GMT 2021 |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
| Diagnostics                                                     | (COSMOS-F160W-V63 (8E)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V63 (8E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V63 (8E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V63 (8E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V63 (8E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V63 (8E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V63 (8E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V63 (8E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                      | Fluxes                                         | Miscellaneous                           |  |                              |
|                                                                 | (63)                                                                               | COSMOS-F160W-63 | RA: 09 58 9.9224 (149.5413433d)<br>Dec: +01 56 45.17 (1.94588d)<br>Equinox: J2000 |                             |               |                                |                      | V=25                                           | Reference Frame: ICRS                   |  |                              |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |  |                              |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |
|                                                                 | 1                                                                                  |                 | (63) COSMOS-F160 W-63                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V63 (8E) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 2                                                                                  |                 | (63) COSMOS-F160 W-63                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V63 (8E) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 3                                                                                  |                 | (63) COSMOS-F160 W-63                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V63 (8E) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 4                                                                                  |                 | (63) COSMOS-F160 W-63                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V63 (8E) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 5                                                                                  |                 | (63) COSMOS-F160 W-63                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V63 (8E) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 6                                                                                  |                 | (63) COSMOS-F160 W-63                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V63 (8E) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 7                                                                                  |                 | (63) COSMOS-F160 W-63                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V63 (8E) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 8                                                                                  |                 | (63) COSMOS-F160 W-63                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V63 (8E) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |



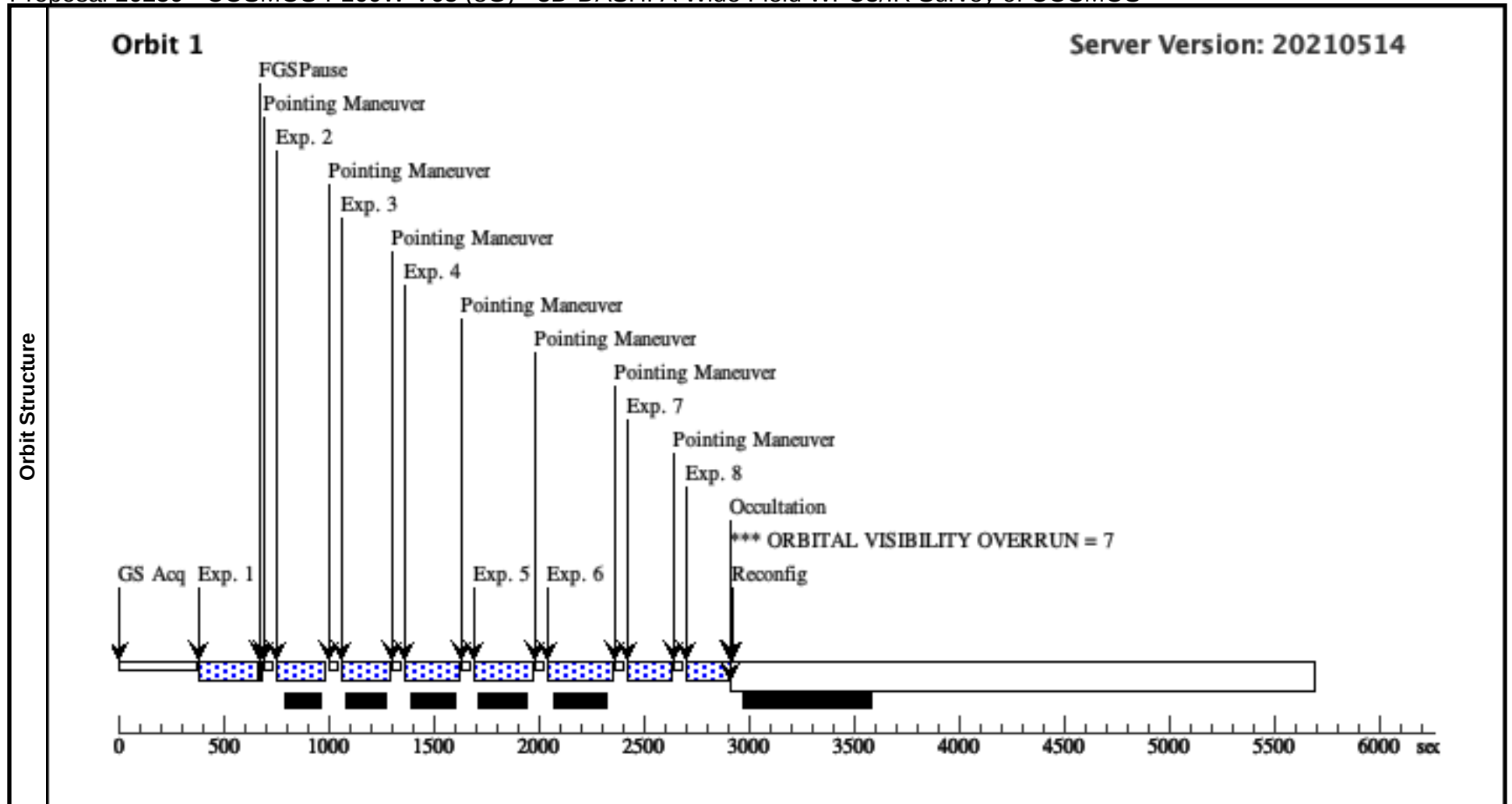
# Proposal 16259 - COSMOS-F160W-V64 (8F) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

| Visit                                                           | Proposal 16259, COSMOS-F160W-V64 (8F), completed                                                                                                                                                                                                                                                                                               |                                                                                   |                             |                             |                                |                                |                                                |                                                |                                 |     | Wed Aug 25 21:02:43 GMT 2021 |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|-----|------------------------------|--|--|--|---|------|--------------------|--------------------------|--------|---------------|------|-----------------|-----------------------------------------------------------------------------------|--|------|-----------------------|
|                                                                 | Diagnostic Status: Warning                                                                                                                                                                                                                                                                                                                     |                                                                                   |                             |                             |                                |                                |                                                |                                                |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 | Scientific Instruments: WFC3/IR                                                                                                                                                                                                                                                                                                                |                                                                                   |                             |                             |                                |                                |                                                |                                                |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D                                                                                                                                                                                                                                                             |                                                                                   |                             |                             |                                |                                |                                                |                                                |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
| Diagnostics                                                     | (COSMOS-F160W-V64 (8F)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN                                                                                                                                                                                                                                                                    |                                                                                   |                             |                             |                                |                                |                                                |                                                |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 | (COSMOS-F160W-V64 (8F)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE                                                                                                                                                                                                                                                                  |                                                                                   |                             |                             |                                |                                |                                                |                                                |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 | (COSMOS-F160W-V64 (8F)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE                                                                                                                                                                                                                                                                  |                                                                                   |                             |                             |                                |                                |                                                |                                                |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 | (COSMOS-F160W-V64 (8F)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE                                                                                                                                                                                                                                                                  |                                                                                   |                             |                             |                                |                                |                                                |                                                |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 | (COSMOS-F160W-V64 (8F)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE                                                                                                                                                                                                                                                                  |                                                                                   |                             |                             |                                |                                |                                                |                                                |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 | (COSMOS-F160W-V64 (8F)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE                                                                                                                                                                                                                                                                  |                                                                                   |                             |                             |                                |                                |                                                |                                                |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 | (COSMOS-F160W-V64 (8F)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE                                                                                                                                                                                                                                                                  |                                                                                   |                             |                             |                                |                                |                                                |                                                |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 | (COSMOS-F160W-V64 (8F)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE                                                                                                                                                                                                                                                                  |                                                                                   |                             |                             |                                |                                |                                                |                                                |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
| Fixed Targets                                                   | <table><tr><th>#</th><th>Name</th><th>Target Coordinates</th><th>Targ. Coord. Corrections</th><th>Fluxes</th><th>Miscellaneous</th></tr><tr><td>(64)</td><td>COSMOS-F160W-64</td><td>RA: 09 58 9.8737 (149.5411404d)<br/>Dec: +01 52 35.58 (1.87655d)<br/>Equinox: J2000</td><td></td><td>V=25</td><td>Reference Frame: ICRS</td></tr></table> |                                                                                   |                             |                             |                                |                                |                                                |                                                |                                 |     |                              |  |  |  | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (64) | COSMOS-F160W-64 | RA: 09 58 9.8737 (149.5411404d)<br>Dec: +01 52 35.58 (1.87655d)<br>Equinox: J2000 |  | V=25 | Reference Frame: ICRS |
|                                                                 | #                                                                                                                                                                                                                                                                                                                                              | Name                                                                              | Target Coordinates          | Targ. Coord. Corrections    | Fluxes                         | Miscellaneous                  |                                                |                                                |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
| (64)                                                            | COSMOS-F160W-64                                                                                                                                                                                                                                                                                                                                | RA: 09 58 9.8737 (149.5411404d)<br>Dec: +01 52 35.58 (1.87655d)<br>Equinox: J2000 |                             | V=25                        | Reference Frame: ICRS          |                                |                                                |                                                |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                                                                                                                                                                                                                                                                                |                                                                                   |                             |                             |                                |                                |                                                |                                                |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
| Exposures                                                       | #                                                                                                                                                                                                                                                                                                                                              | Label                                                                             | Target                      | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |     | Orbit                        |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 | 1                                                                                                                                                                                                                                                                                                                                              |                                                                                   | (64) COSMOS-F160 W-64       | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V64 (8F) | 252.934546 Secs (252.935 Secs)  |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 |                                                                                                                                                                                                                                                                                                                                                |                                                                                   |                             |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 | 2                                                                                                                                                                                                                                                                                                                                              |                                                                                   | (64) COSMOS-F160 W-64       | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V64 (8F) | 202.936411 Secs (202.936 Secs)  |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 |                                                                                                                                                                                                                                                                                                                                                |                                                                                   |                             |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 | 3                                                                                                                                                                                                                                                                                                                                              |                                                                                   | (64) COSMOS-F160 W-64       | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V64 (8F) | 202.936411 Secs (202.936 Secs)  |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 |                                                                                                                                                                                                                                                                                                                                                |                                                                                   |                             |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 | 4                                                                                                                                                                                                                                                                                                                                              |                                                                                   | (64) COSMOS-F160 W-64       | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V64 (8F) | 227.936926 Secs (227.937 Secs)  |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 |                                                                                                                                                                                                                                                                                                                                                |                                                                                   |                             |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 | 5                                                                                                                                                                                                                                                                                                                                              |                                                                                   | (64) COSMOS-F160 W-64       | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V64 (8F) | 252.937441 Secs (252.937 Secs)  |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 |                                                                                                                                                                                                                                                                                                                                                |                                                                                   |                             |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
| 6                                                               |                                                                                                                                                                                                                                                                                                                                                | (64) COSMOS-F160 W-64                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117           | Sequence 1-8 Non-Int in COSMOS-F160 W-V64 (8F) | 277.937956 Secs (277.938 Secs)                 |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 |                                                                                                                                                                                                                                                                                                                                                |                                                                                   |                             |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
| 7                                                               |                                                                                                                                                                                                                                                                                                                                                | (64) COSMOS-F160 W-64                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117              | Sequence 1-8 Non-Int in COSMOS-F160 W-V64 (8F) | 177.935896 Secs (177.936 Secs)                 |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 |                                                                                                                                                                                                                                                                                                                                                |                                                                                   |                             |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
| 8                                                               |                                                                                                                                                                                                                                                                                                                                                | (64) COSMOS-F160 W-64                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117             | Sequence 1-8 Non-Int in COSMOS-F160 W-V64 (8F) | 177.935896 Secs (177.936 Secs)                 |                                 |     |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |
|                                                                 |                                                                                                                                                                                                                                                                                                                                                |                                                                                   |                             |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |  |  |  |   |      |                    |                          |        |               |      |                 |                                                                                   |  |      |                       |



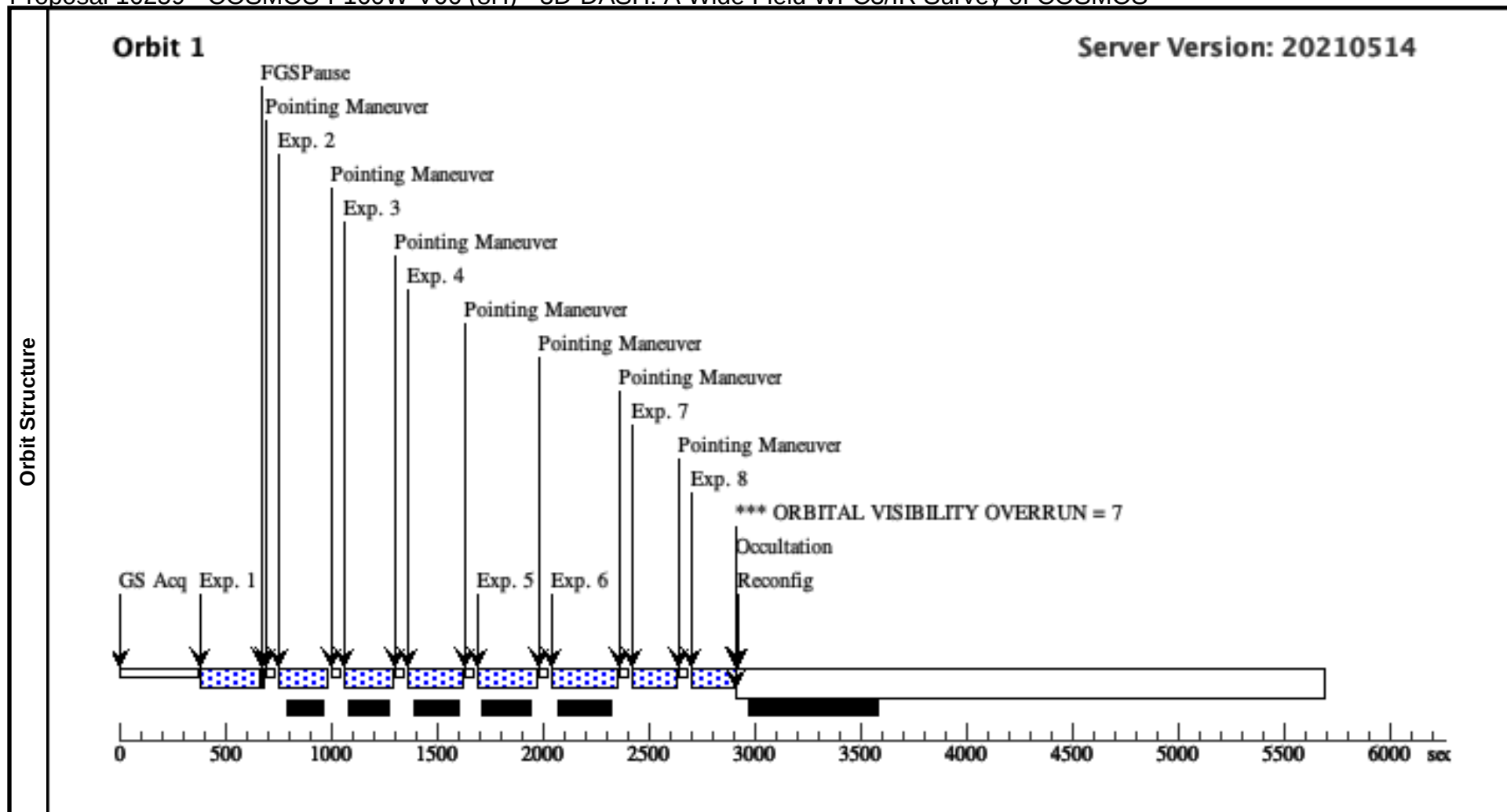
# Proposal 16259 - COSMOS-F160W-V65 (8G) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                    |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |
|---------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|----------------------|------------------------------------------------|-----------------------------------------|--|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V65 (8G), completed                                   |                 |                                                                                   |                             |                          |                                |                      |                                                | Wed Aug 25 21:02:43 GMT 2021            |  |       |
|               | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |
|               | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |
| Diagnostics   | (COSMOS-F160W-V65 (8G)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |
|               | (COSMOS-F160W-V65 (8G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |
|               | (COSMOS-F160W-V65 (8G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |
|               | (COSMOS-F160W-V65 (8G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |
|               | (COSMOS-F160W-V65 (8G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |
|               | (COSMOS-F160W-V65 (8G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |
|               | (COSMOS-F160W-V65 (8G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |
|               | (COSMOS-F160W-V65 (8G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |
| Fixed Targets | #                                                                                  | Name            | Target Coordinates                                                                |                             | Targ. Coord. Corrections |                                | Fluxes               |                                                | Miscellaneous                           |  |       |
|               | (65)                                                                               | COSMOS-F160W-65 | RA: 09 58 9.8250 (149.5409375d)<br>Dec: +01 48 25.98 (1.80722d)<br>Equinox: J2000 |                             |                          |                                | V=25                 |                                                | Reference Frame: ICRS                   |  |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                    |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |
|               |                                                                                    |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |
| Exposures     | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|               | 1                                                                                  |                 | (65) COSMOS-F160 W-65                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V65 (8G) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|               | 2                                                                                  |                 | (65) COSMOS-F160 W-65                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V65 (8G) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 3                                                                                  |                 | (65) COSMOS-F160 W-65                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V65 (8G) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 4                                                                                  |                 | (65) COSMOS-F160 W-65                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V65 (8G) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|               | 5                                                                                  |                 | (65) COSMOS-F160 W-65                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V65 (8G) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|               | 6                                                                                  |                 | (65) COSMOS-F160 W-65                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V65 (8G) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|               | 7                                                                                  |                 | (65) COSMOS-F160 W-65                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V65 (8G) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               | 8                                                                                  |                 | (65) COSMOS-F160 W-65                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V65 (8G) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               |                                                                                    |                 |                                                                                   |                             |                          |                                |                      |                                                |                                         |  |       |



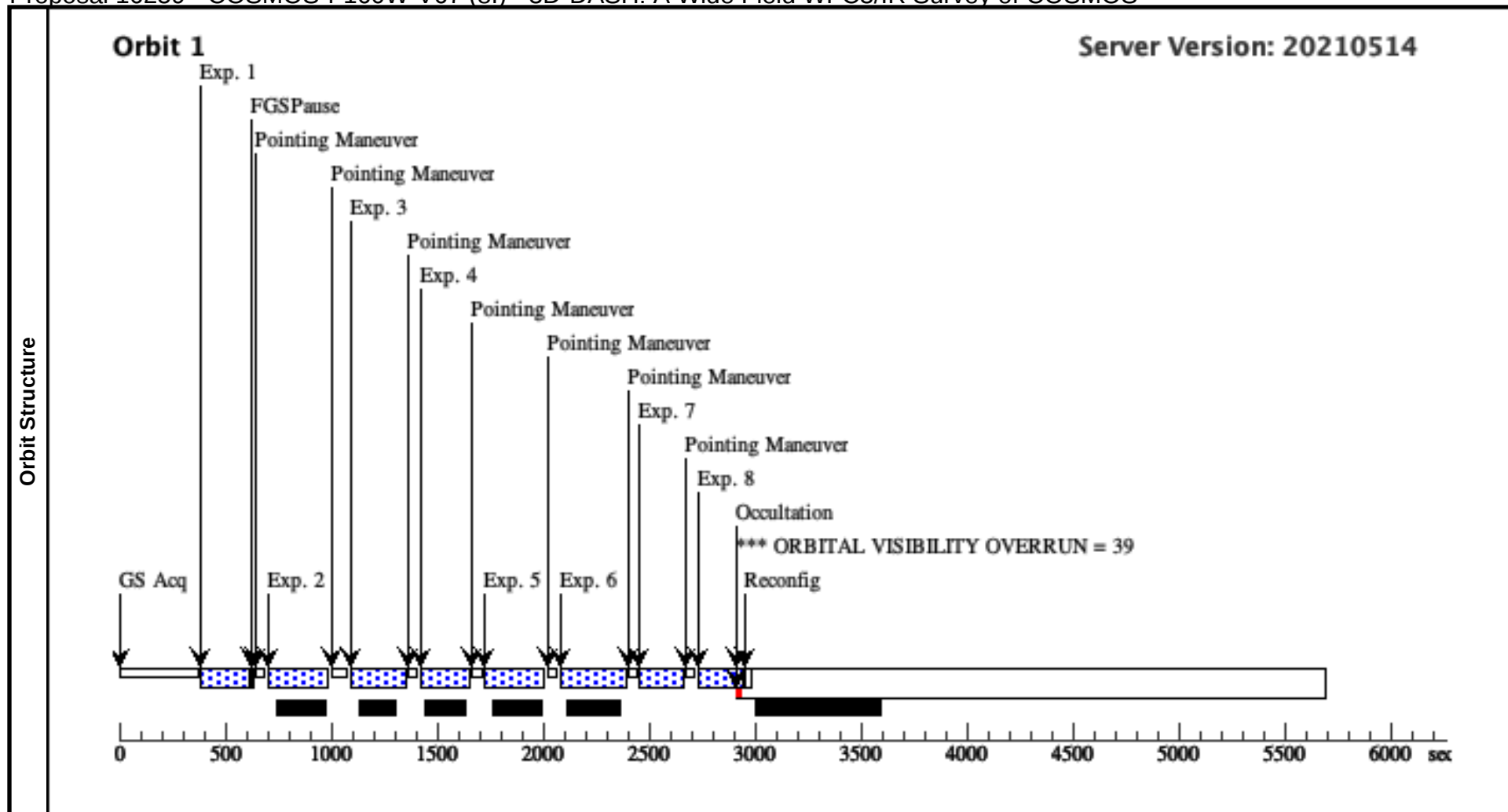
# Proposal 16259 - COSMOS-F160W-V66 (8H) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                    |                 |                                                                                   |                             |  |                          |                                |  |                      |                                                |                                         |  |       |  |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|--|--------------------------|--------------------------------|--|----------------------|------------------------------------------------|-----------------------------------------|--|-------|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V66 (8H), completed                                   |                 |                                                                                   |                             |  |                          |                                |  |                      |                                                | Wed Aug 25 21:02:44 GMT 2021            |  |       |  |
|                                                                 | Diagnostic Status: Warning                                                         |                 |                                                                                   |                             |  |                          |                                |  |                      |                                                |                                         |  |       |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                    |                 |                                                                                   |                             |  |                          |                                |  |                      |                                                |                                         |  |       |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D |                 |                                                                                   |                             |  |                          |                                |  |                      |                                                |                                         |  |       |  |
| Diagnostics                                                     | (COSMOS-F160W-V66 (8H)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN        |                 |                                                                                   |                             |  |                          |                                |  |                      |                                                |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V66 (8H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |                          |                                |  |                      |                                                |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V66 (8H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |                          |                                |  |                      |                                                |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V66 (8H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |                          |                                |  |                      |                                                |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V66 (8H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |                          |                                |  |                      |                                                |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V66 (8H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |                          |                                |  |                      |                                                |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V66 (8H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |                          |                                |  |                      |                                                |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V66 (8H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE      |                 |                                                                                   |                             |  |                          |                                |  |                      |                                                |                                         |  |       |  |
| Fixed Targets                                                   | #                                                                                  | Name            | Target Coordinates                                                                |                             |  | Targ. Coord. Corrections |                                |  | Fluxes               |                                                | Miscellaneous                           |  |       |  |
|                                                                 | (66)                                                                               | COSMOS-F160W-66 | RA: 09 58 9.7763 (149.5407346d)<br>Dec: +01 44 16.39 (1.73789d)<br>Equinox: J2000 |                             |  |                          |                                |  | V=25                 |                                                | Reference Frame: ICRS                   |  |       |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                    |                 |                                                                                   |                             |  |                          |                                |  |                      |                                                |                                         |  |       |  |
| Exposures                                                       | #                                                                                  | Label           | Target                                                                            | Config,Mode,Aperture        |  | Spectral Els.            | Opt. Params.                   |  | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |  |
|                                                                 | 1                                                                                  |                 | (66) COSMOS-F160 W-66                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V66 (8H) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 2                                                                                  |                 | (66) COSMOS-F160 W-66                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |  | POS TARG -132,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V66 (8H) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 3                                                                                  |                 | (66) COSMOS-F160 W-66                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |  | POS TARG -264,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V66 (8H) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 4                                                                                  |                 | (66) COSMOS-F160 W-66                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 |  | POS TARG -396,0      | Sequence 1-8 Non-Int in COSMOS-F160 W-V66 (8H) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 5                                                                                  |                 | (66) COSMOS-F160 W-66                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 |  | POS TARG -352.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V66 (8H) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 6                                                                                  |                 | (66) COSMOS-F160 W-66                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 |  | POS TARG -220.5,-117 | Sequence 1-8 Non-Int in COSMOS-F160 W-V66 (8H) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 7                                                                                  |                 | (66) COSMOS-F160 W-66                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |  | POS TARG -88,-117    | Sequence 1-8 Non-Int in COSMOS-F160 W-V66 (8H) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 8                                                                                  |                 | (66) COSMOS-F160 W-66                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |  | POS TARG 43.5,-117   | Sequence 1-8 Non-Int in COSMOS-F160 W-V66 (8H) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |



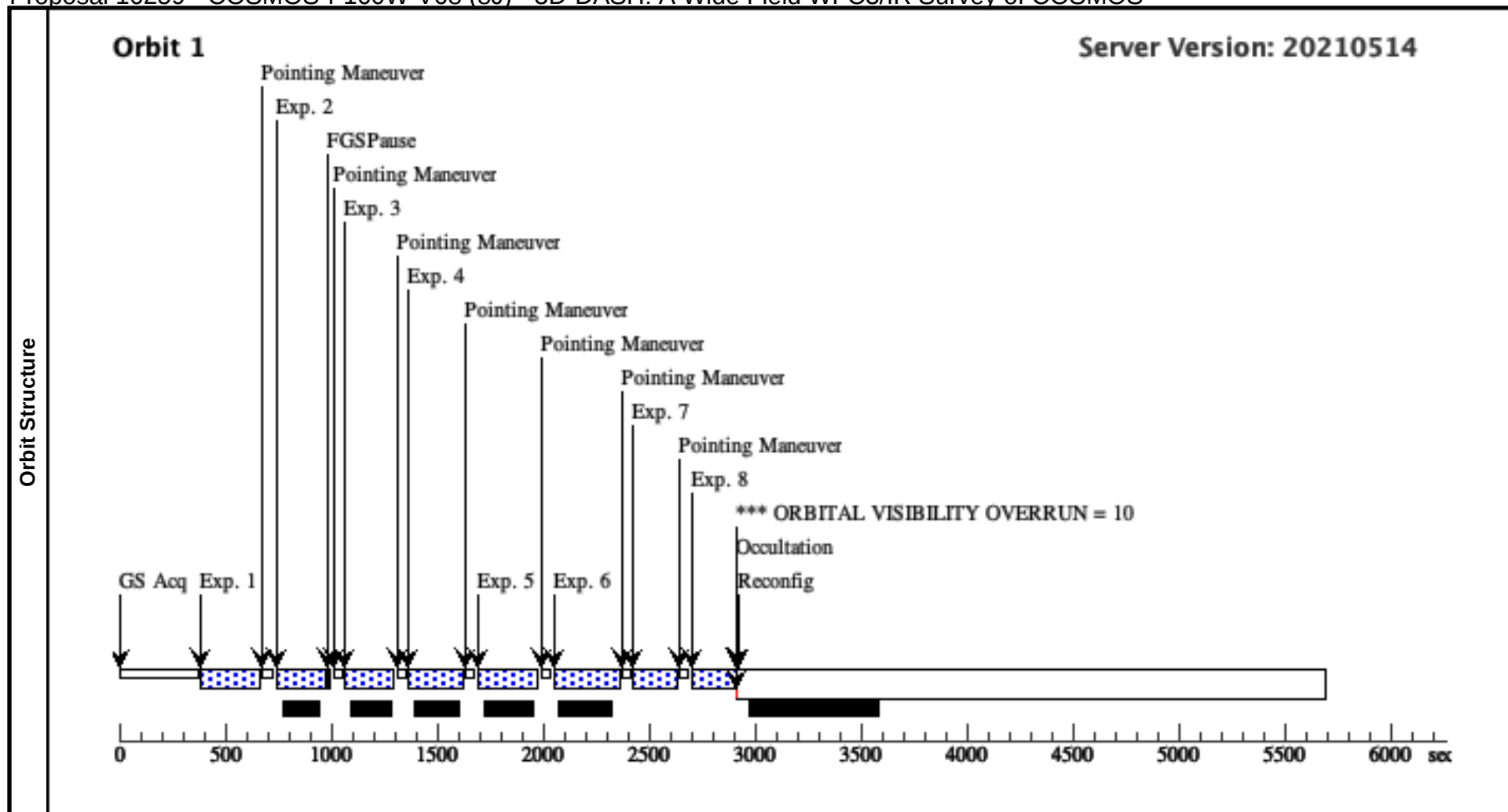
# Proposal 16259 - COSMOS-F160W-V67 (8I) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                              |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
|---------------|----------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|----------------------------------------------|------------------------------------------------|-----------------------------------------|--|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V67 (8I), implementation                                        |                 |                                                                                  |                             |                          |                                |                                              |                                                | Wed Aug 25 21:02:44 GMT 2021            |  |       |
|               | Diagnostic Status: Warning                                                                   |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | Scientific Instruments: WFC3/IR                                                              |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295D TO 295 D           |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
| Diagnostics   | (COSMOS-F160W-V67 (8I)) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V67 (8I)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN                  |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V67 (8I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE                |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V67 (8I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE                |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V67 (8I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE                |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V67 (8I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE                |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V67 (8I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE                |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V67 (8I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE                |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
|               | (COSMOS-F160W-V67 (8I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE                |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
| Fixed Targets | #                                                                                            | Name            | Target Coordinates                                                               |                             | Targ. Coord. Corrections |                                | Fluxes                                       |                                                | Miscellaneous                           |  |       |
|               | (67)                                                                                         | COSMOS-F160W-67 | RA: 09 58 9.7276 (149.5405317d)<br>Dec: +01 40 6.79 (1.66855d)<br>Equinox: J2000 |                             |                          |                                | V=25                                         |                                                | Reference Frame: ICRS                   |  |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                              |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
|               |                                                                                              |                 |                                                                                  |                             |                          |                                |                                              |                                                |                                         |  |       |
| Exposures     | #                                                                                            | Label           | Target                                                                           | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.                                | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|               | 1                                                                                            |                 | (67) COSMOS-F160 W-67                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132,0;<br>GS ACQ SCENARI O BASE1B3 | Sequence 1-8 Non-Int in COSMOS-F160 W-V67 (8I) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 2                                                                                            |                 | (67) COSMOS-F160 W-67                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  | GS ACQ SCENARI O BASE1B3                     | Sequence 1-8 Non-Int in COSMOS-F160 W-V67 (8I) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|               | 3                                                                                            |                 | (67) COSMOS-F160 W-67                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396,0                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V67 (8I) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|               | 4                                                                                            |                 | (67) COSMOS-F160 W-67                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -264,0                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V67 (8I) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 5                                                                                            |                 | (67) COSMOS-F160 W-67                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -352.5,-117                         | Sequence 1-8 Non-Int in COSMOS-F160 W-V67 (8I) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|               | 6                                                                                            |                 | (67) COSMOS-F160 W-67                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -220.5,-117                         | Sequence 1-8 Non-Int in COSMOS-F160 W-V67 (8I) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|               | 7                                                                                            |                 | (67) COSMOS-F160 W-67                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -88,-117                            | Sequence 1-8 Non-Int in COSMOS-F160 W-V67 (8I) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               | 8                                                                                            |                 | (67) COSMOS-F160 W-67                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 43.5,-117                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V67 (8I) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |



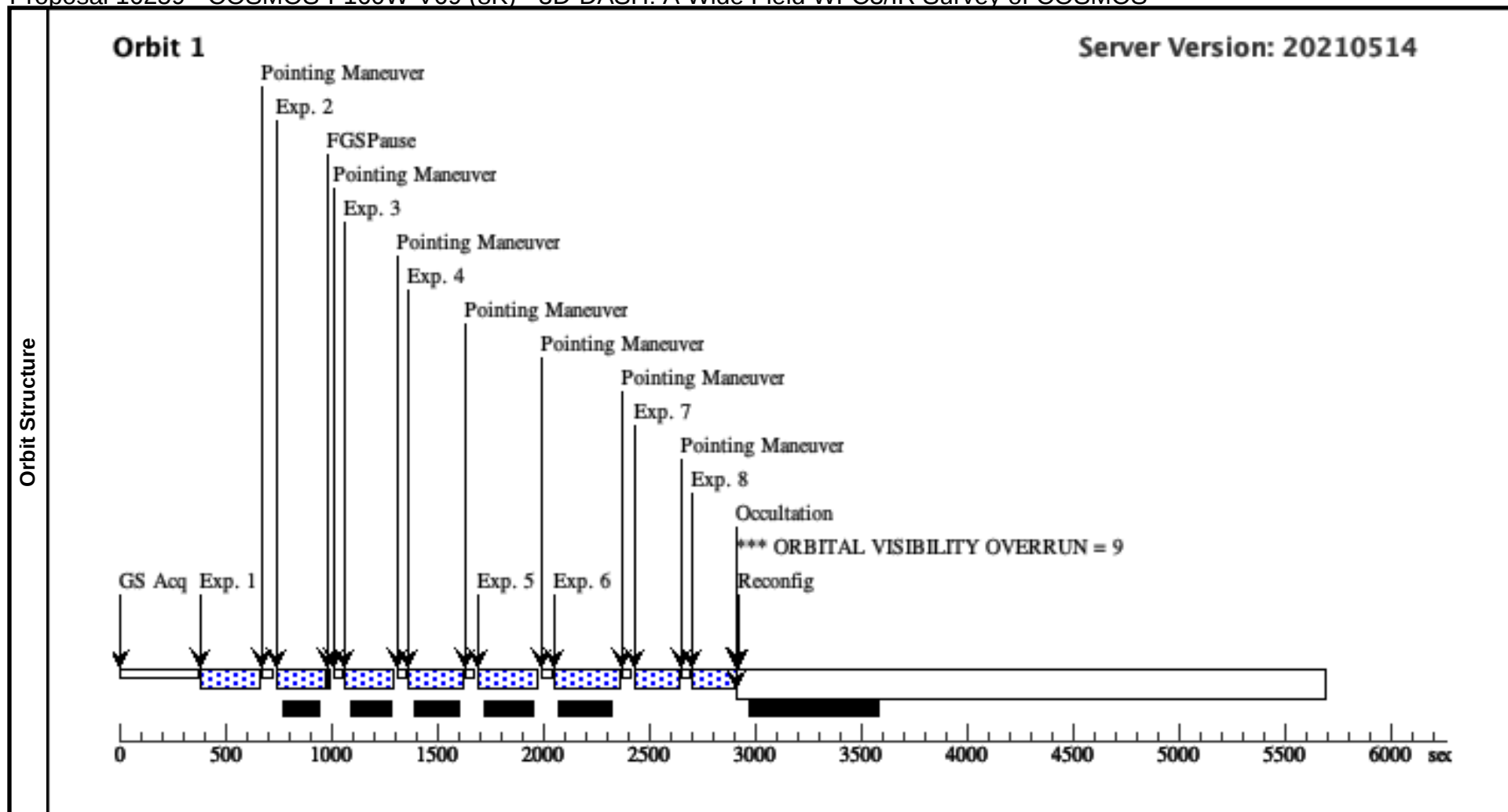
# Proposal 16259 - COSMOS-F160W-V68 (8J) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                        |                 |                                                                                    |                             |               |                                |                        |                                                |                                         |  |                              |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|------------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V68 (8J), completed                                       |                 |                                                                                    |                             |               |                                |                        |                                                |                                         |  | Wed Aug 25 21:02:44 GMT 2021 |
|                                                                 | Diagnostic Status: Warning                                                             |                 |                                                                                    |                             |               |                                |                        |                                                |                                         |  |                              |
|                                                                 | Scientific Instruments: WFC3/IR                                                        |                 |                                                                                    |                             |               |                                |                        |                                                |                                         |  |                              |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295.0D TO 295.0 D |                 |                                                                                    |                             |               |                                |                        |                                                |                                         |  |                              |
| Diagnostics                                                     | (COSMOS-F160W-V68 (8J)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                 |                                                                                    |                             |               |                                |                        |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V68 (8J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                    |                             |               |                                |                        |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V68 (8J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                    |                             |               |                                |                        |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V68 (8J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                    |                             |               |                                |                        |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V68 (8J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                    |                             |               |                                |                        |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V68 (8J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                    |                             |               |                                |                        |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V68 (8J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                    |                             |               |                                |                        |                                                |                                         |  |                              |
|                                                                 | (COSMOS-F160W-V68 (8J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                    |                             |               |                                |                        |                                                |                                         |  |                              |
| Fixed Targets                                                   | #                                                                                      | Name            | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections       |                        | Fluxes                                         | Miscellaneous                           |  |                              |
|                                                                 | (68)                                                                                   | COSMOS-F160W-68 | RA: 10 02 18.5323 (150.5772179d)<br>Dec: +02 43 35.99 (2.72666d)<br>Equinox: J2000 |                             |               |                                |                        | V=25                                           | Reference Frame: ICRS                   |  |                              |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                        |                 |                                                                                    |                             |               |                                |                        |                                                |                                         |  |                              |
| Exposures                                                       | #                                                                                      | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.          | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |
|                                                                 | 1                                                                                      |                 | (68) COSMOS-F160 W-68                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                        | Sequence 1-8 Non-Int in COSMOS-F160 W-V68 (8J) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 2                                                                                      |                 | (68) COSMOS-F160 W-68                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -44.3,11 6.6  | Sequence 1-8 Non-Int in COSMOS-F160 W-V68 (8J) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 3                                                                                      |                 | (68) COSMOS-F160 W-68                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -42.2,23 7.2  | Sequence 1-8 Non-Int in COSMOS-F160 W-V68 (8J) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 4                                                                                      |                 | (68) COSMOS-F160 W-68                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -39.5,35 5.1  | Sequence 1-8 Non-Int in COSMOS-F160 W-V68 (8J) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 5                                                                                      |                 | (68) COSMOS-F160 W-68                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -174.5,3 55.7 | Sequence 1-8 Non-Int in COSMOS-F160 W-V68 (8J) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 6                                                                                      |                 | (68) COSMOS-F160 W-68                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -174.7,2 38.4 | Sequence 1-8 Non-Int in COSMOS-F160 W-V68 (8J) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 7                                                                                      |                 | (68) COSMOS-F160 W-68                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -309.5,2 38.8 | Sequence 1-8 Non-Int in COSMOS-F160 W-V68 (8J) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|                                                                 | 8                                                                                      |                 | (68) COSMOS-F160 W-68                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -441.9,2 40.7 | Sequence 1-8 Non-Int in COSMOS-F160 W-V68 (8J) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |



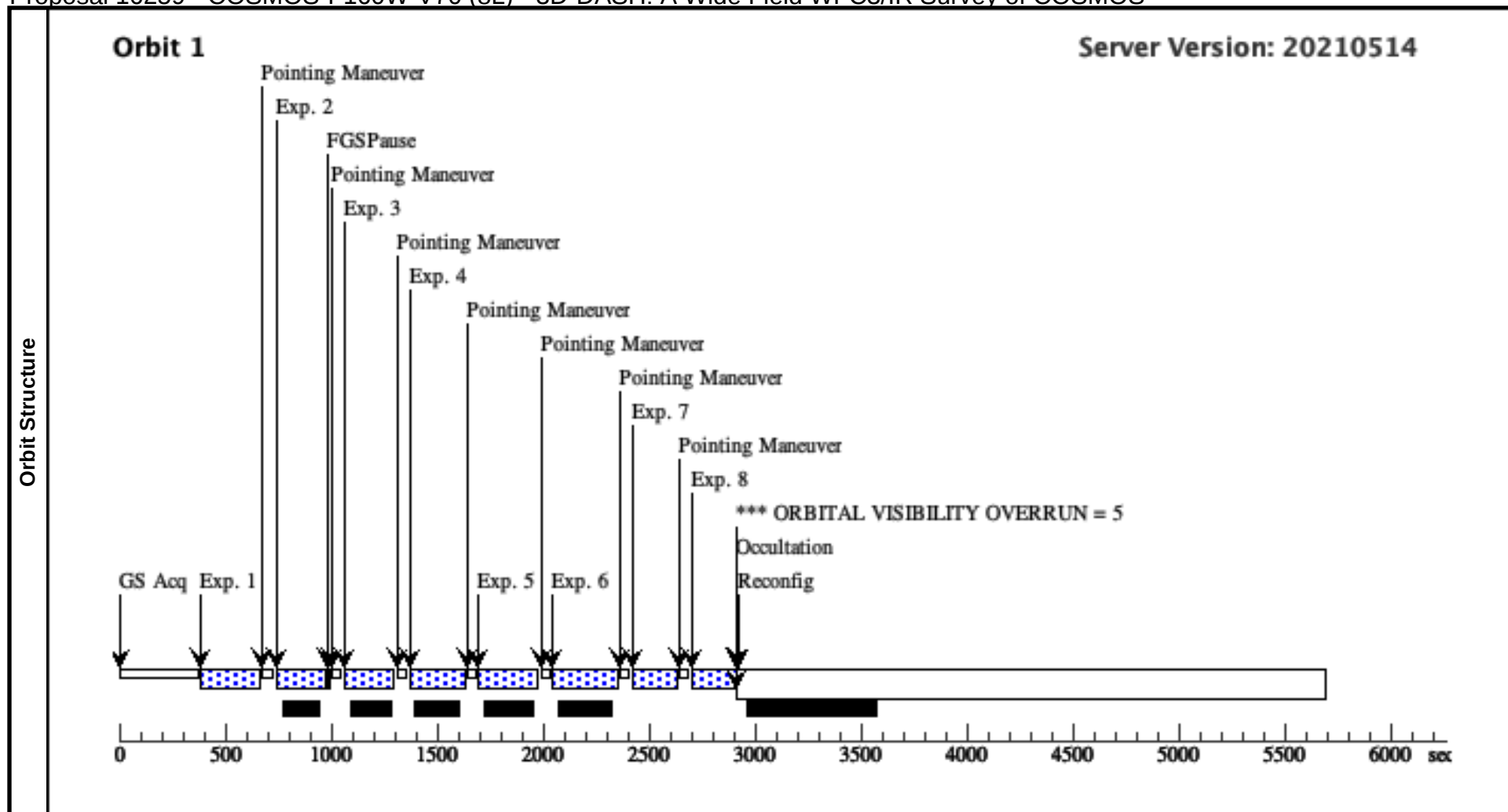
# Proposal 16259 - COSMOS-F160W-V69 (8K) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |  |                              |     |  |  |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|--|------------------------------|-----|--|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V69 (8K), completed                                       |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |  | Wed Aug 25 21:02:44 GMT 2021 |     |  |  |
|                                                                 | Diagnostic Status: Warning                                                             |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |  |                              |     |  |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |  |                              |     |  |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295.0D TO 295.0 D |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |  |                              |     |  |  |
| Diagnostics                                                     | (COSMOS-F160W-V69 (8K)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |  |                              |     |  |  |
|                                                                 | (COSMOS-F160W-V69 (8K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |  |                              |     |  |  |
|                                                                 | (COSMOS-F160W-V69 (8K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |  |                              |     |  |  |
|                                                                 | (COSMOS-F160W-V69 (8K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |  |                              |     |  |  |
|                                                                 | (COSMOS-F160W-V69 (8K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |  |                              |     |  |  |
|                                                                 | (COSMOS-F160W-V69 (8K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |  |                              |     |  |  |
|                                                                 | (COSMOS-F160W-V69 (8K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |  |                              |     |  |  |
|                                                                 | (COSMOS-F160W-V69 (8K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |  |                              |     |  |  |
| Fixed Targets                                                   | #                                                                                      | Name                  | Target Coordinates                                                                 |                             |                                | Targ. Coord. Corrections       |                                                |                                                | Fluxes                          |  | Miscellaneous                |     |  |  |
|                                                                 | (69)                                                                                   | COSMOS-F160W-69       | RA: 10 02 10.9259 (150.5455246d)<br>Dec: +02 42 19.63 (2.70545d)<br>Equinox: J2000 |                             |                                |                                |                                                |                                                | V=25                            |  | Reference Frame: ICRS        |     |  |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |  |                              |     |  |  |
| Exposures                                                       | #                                                                                      | Label                 | Target                                                                             | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |  | Orbit                        |     |  |  |
|                                                                 | 1                                                                                      |                       | (69) COSMOS-F160 W-69                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V69 (8K) | 252.934546 Secs (252.935 Secs)  |  |                              |     |  |  |
|                                                                 |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |  |                              | [1] |  |  |
|                                                                 | 2                                                                                      |                       | (69) COSMOS-F160 W-69                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.6,119.7                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V69 (8K) | 202.936411 Secs (202.936 Secs)  |  |                              |     |  |  |
|                                                                 |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |  |                              | [1] |  |  |
|                                                                 | 3                                                                                      |                       | (69) COSMOS-F160 W-69                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.1,239.7                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V69 (8K) | 202.936411 Secs (202.936 Secs)  |  |                              |     |  |  |
|                                                                 |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |  |                              | [1] |  |  |
|                                                                 | 4                                                                                      |                       | (69) COSMOS-F160 W-69                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -43.4,358.0                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V69 (8K) | 227.936926 Secs (227.937 Secs)  |  |                              |     |  |  |
|                                                                 |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |  |                              | [1] |  |  |
|                                                                 | 5                                                                                      |                       | (69) COSMOS-F160 W-69                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -43.9,478.6                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V69 (8K) | 252.937441 Secs (252.937 Secs)  |  |                              |     |  |  |
|                                                                 |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 |  | [1]                          |     |  |  |
| 6                                                               |                                                                                        | (69) COSMOS-F160 W-69 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 90.7,570.8            | Sequence 1-8 Non-Int in COSMOS-F160 W-V69 (8K) | 277.937956 Secs (277.938 Secs)                 |                                 |  |                              |     |  |  |
|                                                                 |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 |  | [1]                          |     |  |  |
| 7                                                               |                                                                                        | (69) COSMOS-F160 W-69 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 89.7,452.1            | Sequence 1-8 Non-Int in COSMOS-F160 W-V69 (8K) | 177.935896 Secs (177.936 Secs)                 |                                 |  |                              |     |  |  |
|                                                                 |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 |  | [1]                          |     |  |  |
| 8                                                               |                                                                                        | (69) COSMOS-F160 W-69 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 89.6,333.7            | Sequence 1-8 Non-Int in COSMOS-F160 W-V69 (8K) | 177.935896 Secs (177.936 Secs)                 |                                 |  |                              |     |  |  |
|                                                                 |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 |  | [1]                          |     |  |  |



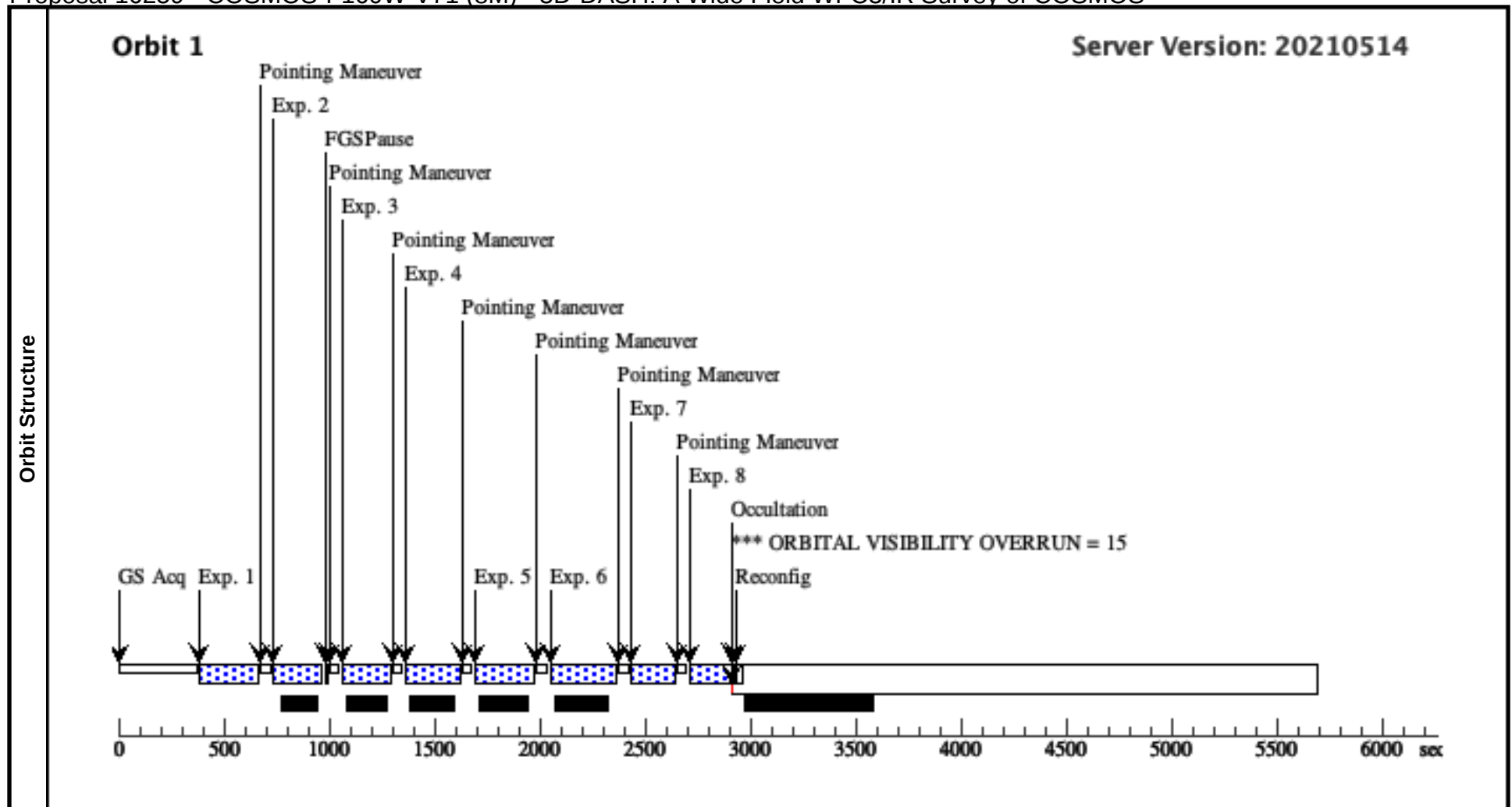
# Proposal 16259 - COSMOS-F160W-V70 (8L) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                        |                 |                                                                                  |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|------------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V70 (8L), completed                                       |                 |                                                                                  |                             |               |                                |                        |                                                |                                         |                       | Wed Aug 25 21:02:44 GMT 2021 |  |
|                                                                 | Diagnostic Status: Warning                                                             |                 |                                                                                  |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                        |                 |                                                                                  |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295.0D TO 295.0 D |                 |                                                                                  |                             |               |                                |                        |                                                |                                         |                       |                              |  |
| Diagnostics                                                     | (COSMOS-F160W-V70 (8L)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                 |                                                                                  |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V70 (8L)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                  |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V70 (8L)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                  |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V70 (8L)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                  |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V70 (8L)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                  |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V70 (8L)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                  |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V70 (8L)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                  |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V70 (8L)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                  |                             |               |                                |                        |                                                |                                         |                       |                              |  |
| Fixed Targets                                                   | #                                                                                      | Name            | Target Coordinates                                                               |                             |               | Targ. Coord. Corrections       |                        | Fluxes                                         |                                         | Miscellaneous         |                              |  |
|                                                                 | (70)                                                                                   | COSMOS-F160W-70 | RA: 10 02 0.4613 (150.5019221d)<br>Dec: +02 45 8.59 (2.75239d)<br>Equinox: J2000 |                             |               |                                |                        | V=25                                           |                                         | Reference Frame: ICRS |                              |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                        |                 |                                                                                  |                             |               |                                |                        |                                                |                                         |                       |                              |  |
| Exposures                                                       | #                                                                                      | Label           | Target                                                                           | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.          | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |
|                                                                 | 1                                                                                      |                 | (70) COSMOS-F160 W-70                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                        | Sequence 1-8 Non-Int in COSMOS-F160 W-V70 (8L) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 2                                                                                      |                 | (70) COSMOS-F160 W-70                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 0.8,-119 .6   | Sequence 1-8 Non-Int in COSMOS-F160 W-V70 (8L) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 3                                                                                      |                 | (70) COSMOS-F160 W-70                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134.7,-1 46.4 | Sequence 1-8 Non-Int in COSMOS-F160 W-V70 (8L) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 4                                                                                      |                 | (70) COSMOS-F160 W-70                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 133.9,-2 6.8  | Sequence 1-8 Non-Int in COSMOS-F160 W-V70 (8L) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 5                                                                                      |                 | (70) COSMOS-F160 W-70                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 134.4,93 .2   | Sequence 1-8 Non-Int in COSMOS-F160 W-V70 (8L) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 6                                                                                      |                 | (70) COSMOS-F160 W-70                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 134.7,21 2.7  | Sequence 1-8 Non-Int in COSMOS-F160 W-V70 (8L) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 7                                                                                      |                 | (70) COSMOS-F160 W-70                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 135.6,33 1.5  | Sequence 1-8 Non-Int in COSMOS-F160 W-V70 (8L) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 8                                                                                      |                 | (70) COSMOS-F160 W-70                                                            | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 138.3,44 9.4  | Sequence 1-8 Non-Int in COSMOS-F160 W-V70 (8L) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |



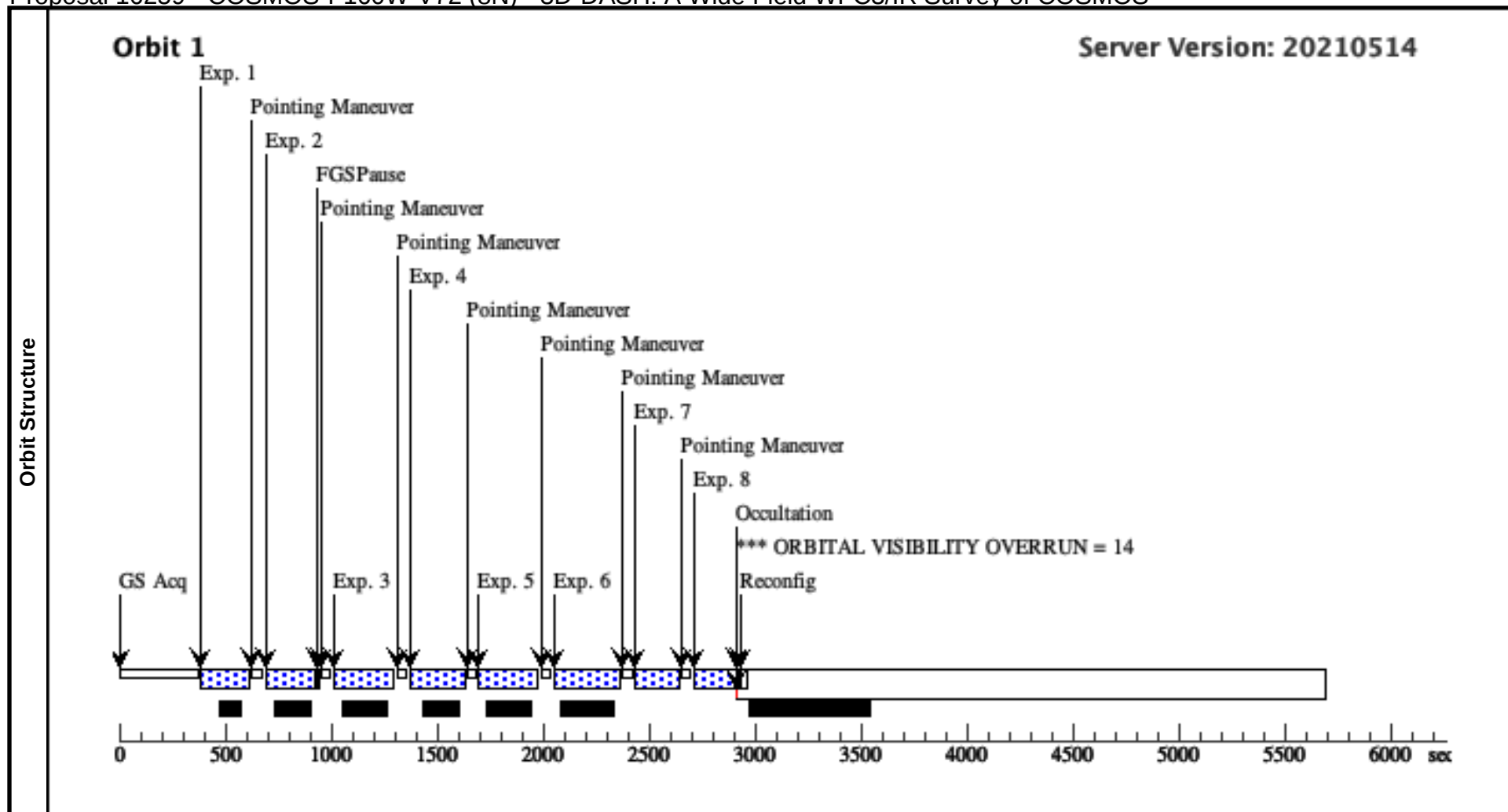
# Proposal 16259 - COSMOS-F160W-V71 (8M) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|---------------|----------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|------------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|
| Visit         | Proposal 16259, COSMOS-F160W-V71 (8M), completed                                       |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       | Wed Aug 25 21:02:44 GMT 2021 |  |
|               | Diagnostic Status: Warning                                                             |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | Scientific Instruments: WFC3/IR                                                        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295.0D TO 295.0 D |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
| Diagnostics   | (COSMOS-F160W-V71 (8M)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V71 (8M)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V71 (8M)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V71 (8M)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V71 (8M)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V71 (8M)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V71 (8M)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V71 (8M)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
| Fixed Targets | #                                                                                      | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                        | Fluxes                                         |                                         | Miscellaneous         |                              |  |
|               | (71)                                                                                   | COSMOS-F160W-71 | RA: 10 01 38.8820 (150.4120083d)<br>Dec: +02 42 2.46 (2.70068d)<br>Equinox: J2000 |                             |               |                                |                        | V=25                                           |                                         | Reference Frame: ICRS |                              |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
| Exposures     | #                                                                                      | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.          | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |
|               | 1                                                                                      |                 | (71) COSMOS-F160 W-71                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                        | Sequence 1-8 Non-Int in COSMOS-F160 W-V71 (8M) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |
|               | 2                                                                                      |                 | (71) COSMOS-F160 W-71                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -99.7,14 .8   | Sequence 1-8 Non-Int in COSMOS-F160 W-V71 (8M) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 3                                                                                      |                 | (71) COSMOS-F160 W-71                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -97.0,13 2.8  | Sequence 1-8 Non-Int in COSMOS-F160 W-V71 (8M) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 4                                                                                      |                 | (71) COSMOS-F160 W-71                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -101.6,2 50.8 | Sequence 1-8 Non-Int in COSMOS-F160 W-V71 (8M) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |
|               | 5                                                                                      |                 | (71) COSMOS-F160 W-71                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -98.9,36 8.8  | Sequence 1-8 Non-Int in COSMOS-F160 W-V71 (8M) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |
|               | 6                                                                                      |                 | (71) COSMOS-F160 W-71                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -100.9,5 62.6 | Sequence 1-8 Non-Int in COSMOS-F160 W-V71 (8M) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |
|               | 7                                                                                      |                 | (71) COSMOS-F160 W-71                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 91.5,546 .6   | Sequence 1-8 Non-Int in COSMOS-F160 W-V71 (8M) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 8                                                                                      |                 | (71) COSMOS-F160 W-71                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 223.5,53 9.2  | Sequence 1-8 Non-Int in COSMOS-F160 W-V71 (8M) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |



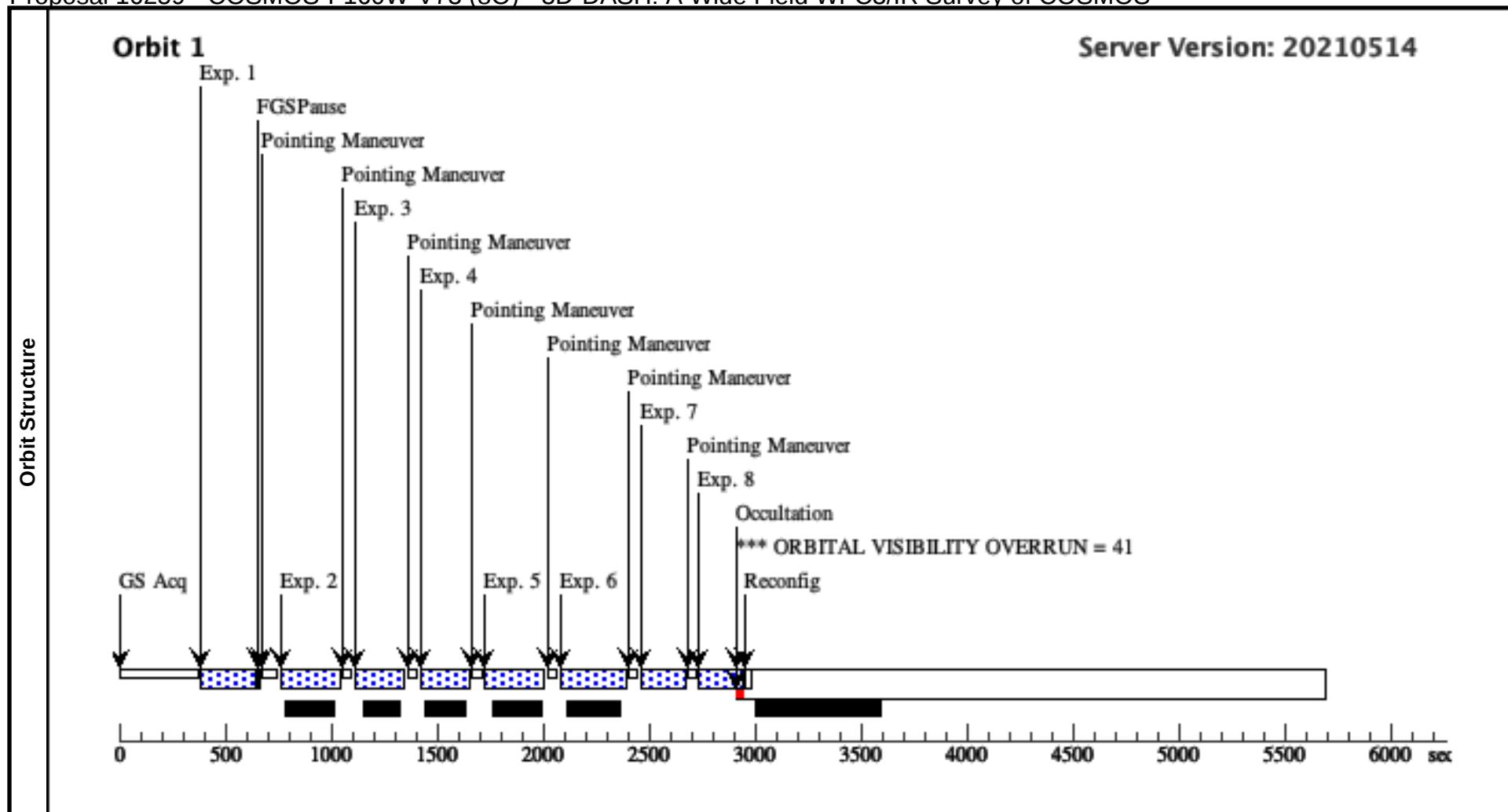
# Proposal 16259 - COSMOS-F160W-V72 (8N) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                        |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |
|---------------|----------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|----------------------------------------------------|------------------------------------------------|-----------------------------------------|--|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V72 (8N), implementation                                  |                 |                                                                                   |                             |                          |                                |                                                    |                                                | Wed Aug 25 21:02:44 GMT 2021            |  |       |
|               | Diagnostic Status: Warning                                                             |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |
|               | Scientific Instruments: WFC3/IR                                                        |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 291.0D TO 291.0 D |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |
| Diagnostics   | (COSMOS-F160W-V72 (8N)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |
|               | (COSMOS-F160W-V72 (8N)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |
|               | (COSMOS-F160W-V72 (8N)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |
|               | (COSMOS-F160W-V72 (8N)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |
|               | (COSMOS-F160W-V72 (8N)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |
|               | (COSMOS-F160W-V72 (8N)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |
|               | (COSMOS-F160W-V72 (8N)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |
|               | (COSMOS-F160W-V72 (8N)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |
| Fixed Targets | #                                                                                      | Name            | Target Coordinates                                                                |                             | Targ. Coord. Corrections |                                | Fluxes                                             |                                                | Miscellaneous                           |  |       |
|               | (72)                                                                                   | COSMOS-F160W-72 | RA: 10 00 51.0802 (150.2128342d)<br>Dec: +02 49 2.00 (2.81722d)<br>Equinox: J2000 |                             |                          |                                | V=25                                               |                                                | Reference Frame: ICRS                   |  |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                        |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |
|               |                                                                                        |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |
| Exposures     | #                                                                                      | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.                                      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|               | 1                                                                                      |                 | (72) COSMOS-F160 W-72                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -163.3,-123.8;<br>GS ACQ SCENARIO BASE1B3 | Sequence 1-8 Non-Int in COSMOS-F160 W-V72 (8N) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 2                                                                                      |                 | (72) COSMOS-F160 W-72                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -131.2,-5.7                               | Sequence 1-8 Non-Int in COSMOS-F160 W-V72 (8N) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 3                                                                                      |                 | (72) COSMOS-F160 W-72                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V72 (8N) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|               | 4                                                                                      |                 | (72) COSMOS-F160 W-72                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -29.3,-124.2                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V72 (8N) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|               | 5                                                                                      |                 | (72) COSMOS-F160 W-72                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 5.0,-244.2                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V72 (8N) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|               | 6                                                                                      |                 | (72) COSMOS-F160 W-72                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 16.1,-364.0                               | Sequence 1-8 Non-Int in COSMOS-F160 W-V72 (8N) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|               | 7                                                                                      |                 | (72) COSMOS-F160 W-72                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 140.3,-245.1                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V72 (8N) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               | 8                                                                                      |                 | (72) COSMOS-F160 W-72                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 273.8,-231.2                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V72 (8N) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               |                                                                                        |                 |                                                                                   |                             |                          |                                |                                                    |                                                |                                         |  |       |



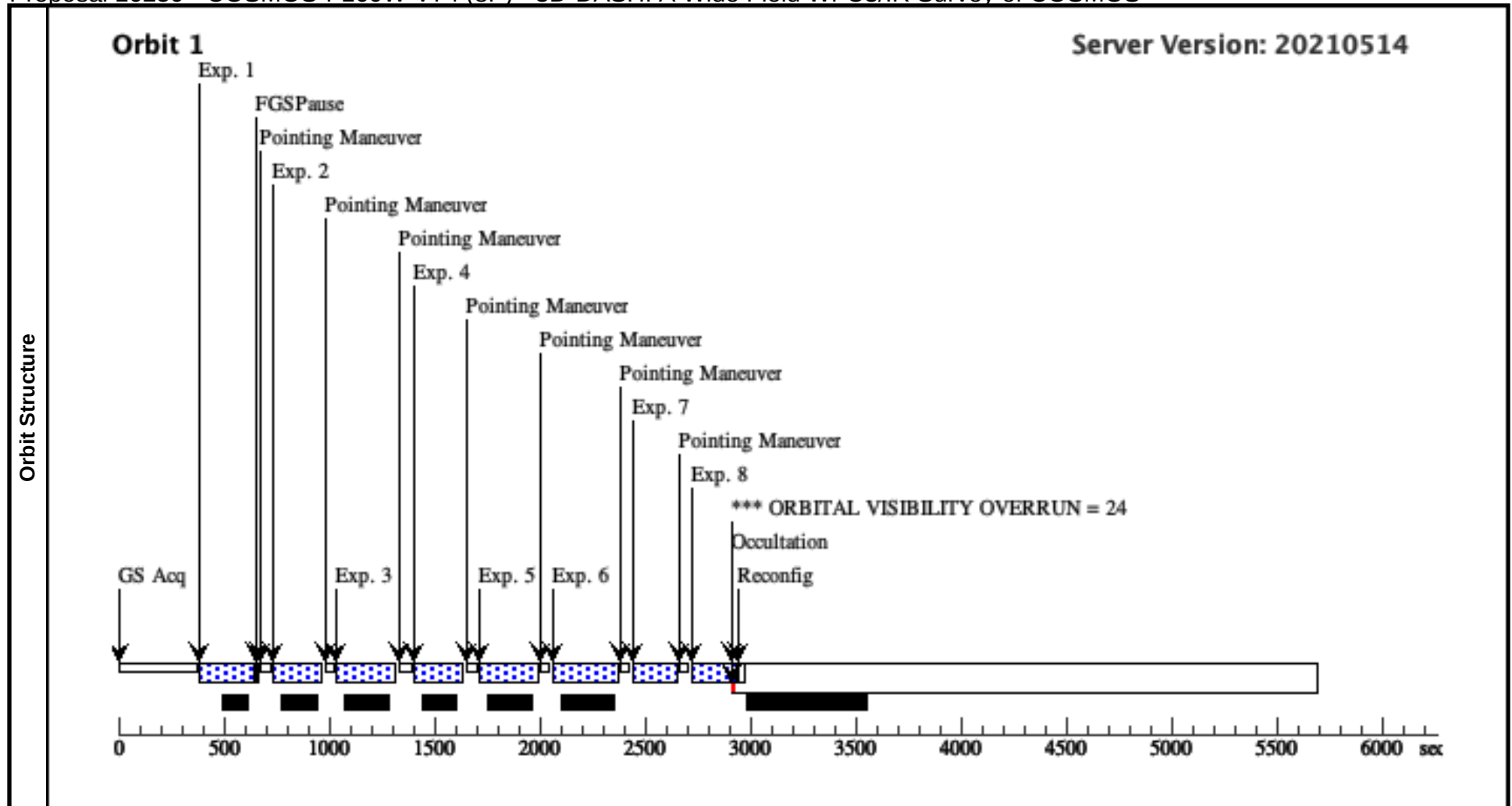
# Proposal 16259 - COSMOS-F160W-V73 (8O) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                        |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|----------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V73 (8O), scheduling                                      |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       | Wed Aug 25 21:02:44 GMT 2021 |  |
|                                                                 | Diagnostic Status: Warning                                                             |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                        |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 291.0D TO 291.0 D |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
| Diagnostics                                                     | (COSMOS-F160W-V73 (8O)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V73 (8O)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V73 (8O)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V73 (8O)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V73 (8O)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V73 (8O)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V73 (8O)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V73 (8O)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
| Fixed Targets                                                   | #                                                                                      | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                      | Fluxes                                         |                                         | Miscellaneous         |                              |  |
|                                                                 | (73)                                                                                   | COSMOS-F160W-73 | RA: 10 00 44.7113 (150.1862971d)<br>Dec: +02 46 1.13 (2.76698d)<br>Equinox: J2000 |                             |               |                                |                      | V=25                                           |                                         | Reference Frame: ICRS |                              |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                        |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |
| Exposures                                                       | #                                                                                      | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.        | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |
|                                                                 | 1                                                                                      |                 | (73) COSMOS-F160 W-73                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 394.9,0.7   | Sequence 1-8 Non-Int in COSMOS-F160 W-V73 (8O) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 2                                                                                      |                 | (73) COSMOS-F160 W-73                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                      | Sequence 1-8 Non-Int in COSMOS-F160 W-V73 (8O) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 3                                                                                      |                 | (73) COSMOS-F160 W-73                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 126.0,3.7   | Sequence 1-8 Non-Int in COSMOS-F160 W-V73 (8O) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 4                                                                                      |                 | (73) COSMOS-F160 W-73                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 261.0,1.1   | Sequence 1-8 Non-Int in COSMOS-F160 W-V73 (8O) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 5                                                                                      |                 | (73) COSMOS-F160 W-73                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 377.9,118.7 | Sequence 1-8 Non-Int in COSMOS-F160 W-V73 (8O) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 6                                                                                      |                 | (73) COSMOS-F160 W-73                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 243.9,119.1 | Sequence 1-8 Non-Int in COSMOS-F160 W-V73 (8O) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 7                                                                                      |                 | (73) COSMOS-F160 W-73                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 107.9,119.0 | Sequence 1-8 Non-Int in COSMOS-F160 W-V73 (8O) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 8                                                                                      |                 | (73) COSMOS-F160 W-73                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -23.0,117.6 | Sequence 1-8 Non-Int in COSMOS-F160 W-V73 (8O) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 |                                                                                        |                 |                                                                                   |                             |               |                                |                      |                                                |                                         |                       |                              |  |



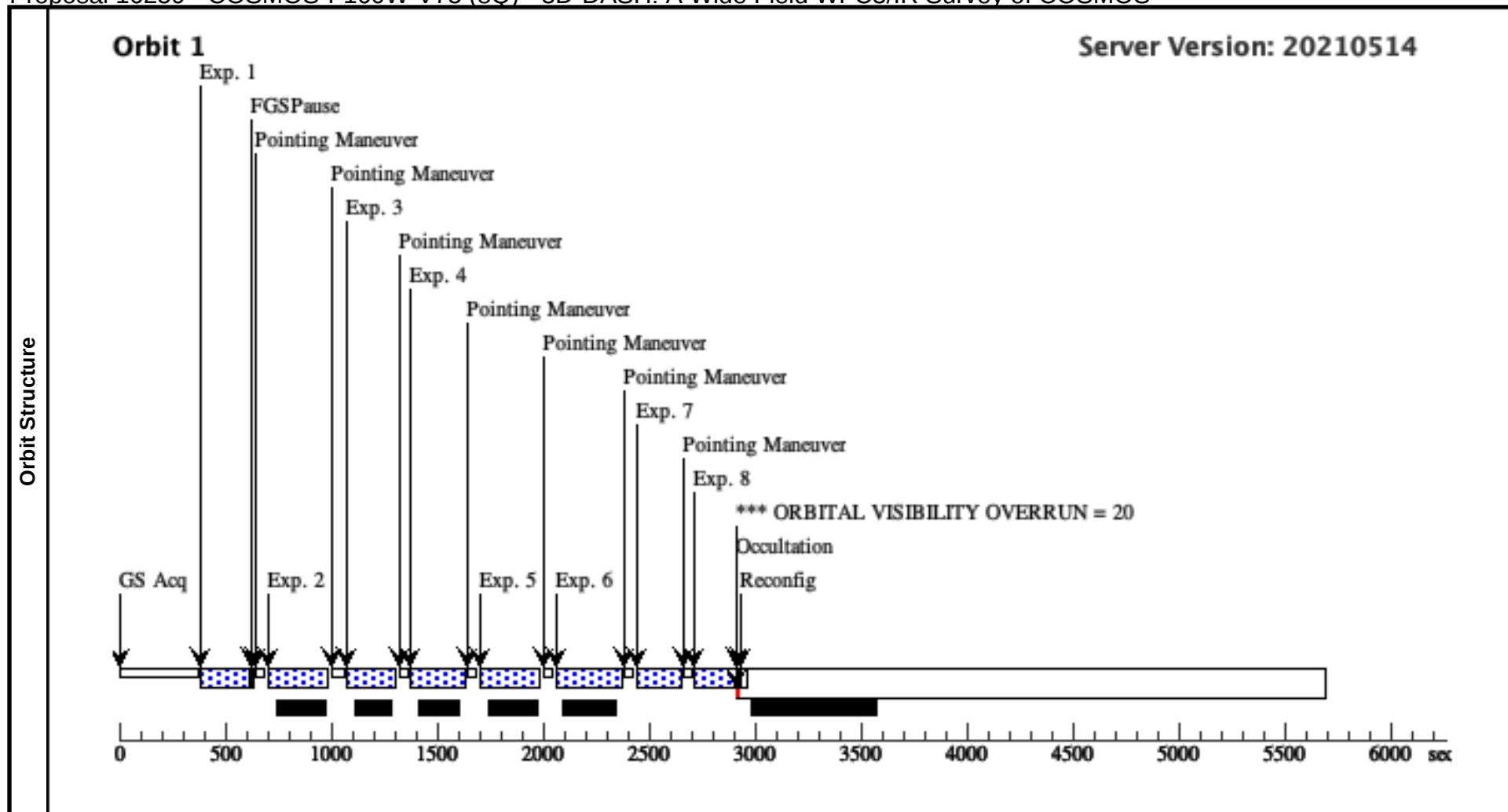
# Proposal 16259 - COSMOS-F160W-V74 (8P) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                        |                 |                                                                                    |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|-----------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V74 (8P), implementation                                  |                 |                                                                                    |                             |               |                                |                       |                                                |                                         |                       | Wed Aug 25 21:02:44 GMT 2021 |  |
|                                                                 | Diagnostic Status: Warning                                                             |                 |                                                                                    |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                        |                 |                                                                                    |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 291.0D TO 291.0 D |                 |                                                                                    |                             |               |                                |                       |                                                |                                         |                       |                              |  |
| Diagnostics                                                     | (COSMOS-F160W-V74 (8P)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                 |                                                                                    |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V74 (8P)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                    |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V74 (8P)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                    |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V74 (8P)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                    |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V74 (8P)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                    |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V74 (8P)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                    |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V74 (8P)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                    |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V74 (8P)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                    |                             |               |                                |                       |                                                |                                         |                       |                              |  |
| Fixed Targets                                                   | #                                                                                      | Name            | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections       |                       | Fluxes                                         |                                         | Miscellaneous         |                              |  |
|                                                                 | (74)                                                                                   | COSMOS-F160W-74 | RA: 10 00 37.4279 (150.1559496d)<br>Dec: +02 49 35.18 (2.82644d)<br>Equinox: J2000 |                             |               |                                |                       | V=25                                           |                                         | Reference Frame: ICRS |                              |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                        |                 |                                                                                    |                             |               |                                |                       |                                                |                                         |                       |                              |  |
| Exposures                                                       | #                                                                                      | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.         | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |
|                                                                 | 1                                                                                      |                 | (74) COSMOS-F160 W-74                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 224.0,116.1  | Sequence 1-8 Non-Int in COSMOS-F160 W-V74 (8P) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 2                                                                                      |                 | (74) COSMOS-F160 W-74                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 135.0,-27.7  | Sequence 1-8 Non-Int in COSMOS-F160 W-V74 (8P) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 3                                                                                      |                 | (74) COSMOS-F160 W-74                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                       | Sequence 1-8 Non-Int in COSMOS-F160 W-V74 (8P) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 4                                                                                      |                 | (74) COSMOS-F160 W-74                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 268.9,-31.1  | Sequence 1-8 Non-Int in COSMOS-F160 W-V74 (8P) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 5                                                                                      |                 | (74) COSMOS-F160 W-74                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 359.0,113.5  | Sequence 1-8 Non-Int in COSMOS-F160 W-V74 (8P) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 6                                                                                      |                 | (74) COSMOS-F160 W-74                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 490.0,95.3   | Sequence 1-8 Non-Int in COSMOS-F160 W-V74 (8P) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 7                                                                                      |                 | (74) COSMOS-F160 W-74                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 529.3,-23.7  | Sequence 1-8 Non-Int in COSMOS-F160 W-V74 (8P) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 8                                                                                      |                 | (74) COSMOS-F160 W-74                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 499.5,-140.7 | Sequence 1-8 Non-Int in COSMOS-F160 W-V74 (8P) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |



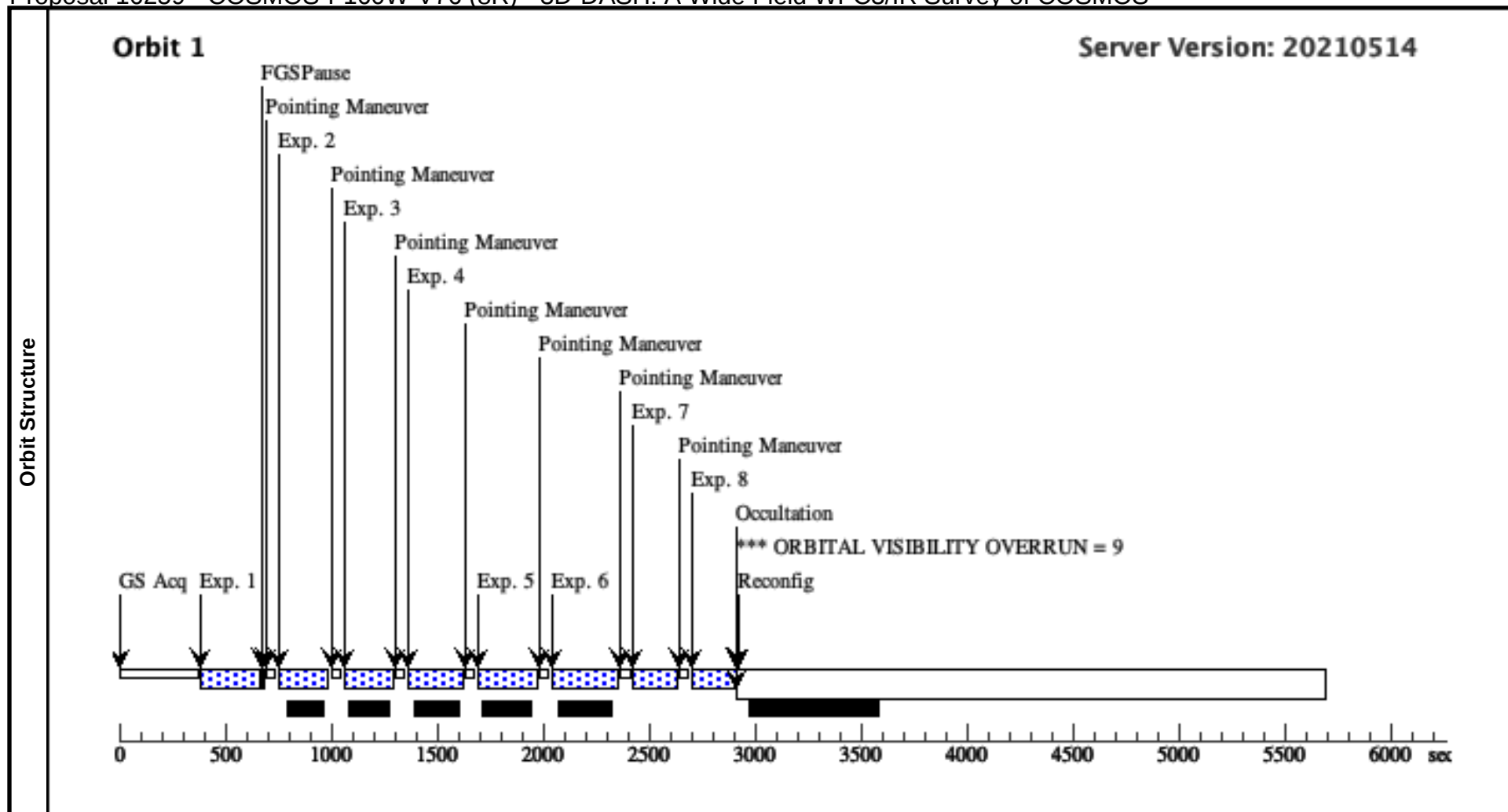
# Proposal 16259 - COSMOS-F160W-V75 (8Q) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                        |                 |                                                                                   |                             |               |                                |                       |                                               |                                         |                       |                              |  |
|---------------|----------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|-----------------------|-----------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|
| Visit         | Proposal 16259, COSMOS-F160W-V75 (8Q), scheduling                                      |                 |                                                                                   |                             |               |                                |                       |                                               |                                         |                       | Wed Aug 25 21:02:44 GMT 2021 |  |
|               | Diagnostic Status: Warning                                                             |                 |                                                                                   |                             |               |                                |                       |                                               |                                         |                       |                              |  |
|               | Scientific Instruments: WFC3/IR                                                        |                 |                                                                                   |                             |               |                                |                       |                                               |                                         |                       |                              |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295.0D TO 295.0 D |                 |                                                                                   |                             |               |                                |                       |                                               |                                         |                       |                              |  |
| Diagnostics   | (COSMOS-F160W-V75 (8Q)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                 |                                                                                   |                             |               |                                |                       |                                               |                                         |                       |                              |  |
|               | (COSMOS-F160W-V75 (8Q)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                       |                                               |                                         |                       |                              |  |
|               | (COSMOS-F160W-V75 (8Q)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                       |                                               |                                         |                       |                              |  |
|               | (COSMOS-F160W-V75 (8Q)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                       |                                               |                                         |                       |                              |  |
|               | (COSMOS-F160W-V75 (8Q)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                       |                                               |                                         |                       |                              |  |
|               | (COSMOS-F160W-V75 (8Q)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                       |                                               |                                         |                       |                              |  |
|               | (COSMOS-F160W-V75 (8Q)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                       |                                               |                                         |                       |                              |  |
|               | (COSMOS-F160W-V75 (8Q)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                       |                                               |                                         |                       |                              |  |
| Fixed Targets | #                                                                                      | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                       | Fluxes                                        |                                         | Miscellaneous         |                              |  |
|               | (75)                                                                                   | COSMOS-F160W-75 | RA: 09 59 49.5594 (149.9564975d)<br>Dec: +02 50 1.22 (2.83367d)<br>Equinox: J2000 |                             |               |                                |                       | V=25                                          |                                         | Reference Frame: ICRS |                              |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                        |                 |                                                                                   |                             |               |                                |                       |                                               |                                         |                       |                              |  |
| Exposures     | #                                                                                      | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.         | Groups                                        | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |
|               | 1                                                                                      |                 | (75) COSMOS-F160W-75                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 135.2,-0.2   | Sequence 1-8 Non-Int in COSMOS-F160W-V75 (8Q) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 2                                                                                      |                 | (75) COSMOS-F160W-75                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                       | Sequence 1-8 Non-Int in COSMOS-F160W-V75 (8Q) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |
|               | 3                                                                                      |                 | (75) COSMOS-F160W-75                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 269.6,0.8    | Sequence 1-8 Non-Int in COSMOS-F160W-V75 (8Q) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 4                                                                                      |                 | (75) COSMOS-F160W-75                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 400.2,1.1    | Sequence 1-8 Non-Int in COSMOS-F160W-V75 (8Q) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |
|               | 5                                                                                      |                 | (75) COSMOS-F160W-75                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 534.5,2.1    | Sequence 1-8 Non-Int in COSMOS-F160W-V75 (8Q) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |
|               | 6                                                                                      |                 | (75) COSMOS-F160W-75                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 484.6,12.0   | Sequence 1-8 Non-Int in COSMOS-F160W-V75 (8Q) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |
|               | 7                                                                                      |                 | (75) COSMOS-F160W-75                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 350.2,12.0.1 | Sequence 1-8 Non-Int in COSMOS-F160W-V75 (8Q) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 8                                                                                      |                 | (75) COSMOS-F160W-75                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 219.4,12.1.1 | Sequence 1-8 Non-Int in COSMOS-F160W-V75 (8Q) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |



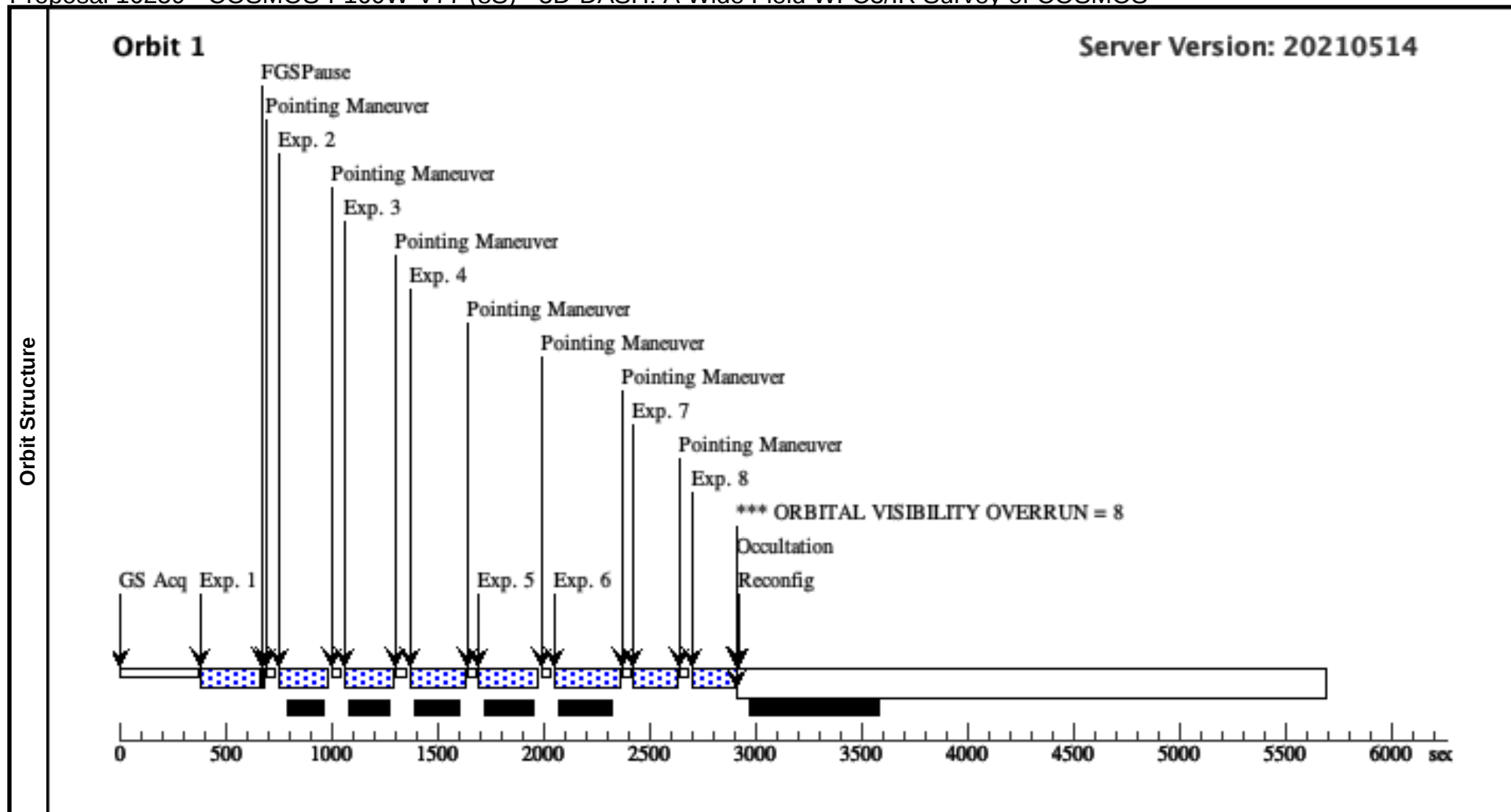
# Proposal 16259 - COSMOS-F160W-V76 (8R) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                        |                 |                                                                                   |                             |                          |                                |                        |                                                |                                         |       |
|---------------|----------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|------------------------|------------------------------------------------|-----------------------------------------|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V76 (8R), completed                                       |                 |                                                                                   |                             |                          |                                |                        |                                                | Wed Aug 25 21:02:44 GMT 2021            |       |
|               | Diagnostic Status: Warning                                                             |                 |                                                                                   |                             |                          |                                |                        |                                                |                                         |       |
|               | Scientific Instruments: WFC3/IR                                                        |                 |                                                                                   |                             |                          |                                |                        |                                                |                                         |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295.0D TO 295.0 D |                 |                                                                                   |                             |                          |                                |                        |                                                |                                         |       |
| Diagnostics   | (COSMOS-F160W-V76 (8R)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                 |                                                                                   |                             |                          |                                |                        |                                                |                                         |       |
|               | (COSMOS-F160W-V76 (8R)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |                          |                                |                        |                                                |                                         |       |
|               | (COSMOS-F160W-V76 (8R)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |                          |                                |                        |                                                |                                         |       |
|               | (COSMOS-F160W-V76 (8R)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |                          |                                |                        |                                                |                                         |       |
|               | (COSMOS-F160W-V76 (8R)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |                          |                                |                        |                                                |                                         |       |
|               | (COSMOS-F160W-V76 (8R)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |                          |                                |                        |                                                |                                         |       |
|               | (COSMOS-F160W-V76 (8R)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |                          |                                |                        |                                                |                                         |       |
|               | (COSMOS-F160W-V76 (8R)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |                          |                                |                        |                                                |                                         |       |
| Fixed Targets | #                                                                                      | Name            | Target Coordinates                                                                |                             | Targ. Coord. Corrections |                                | Fluxes                 | Miscellaneous                                  |                                         |       |
|               | (76)                                                                                   | COSMOS-F160W-76 | RA: 09 58 51.1397 (149.7130821d)<br>Dec: +02 49 0.06 (2.81668d)<br>Equinox: J2000 |                             |                          |                                | V=25                   | Reference Frame: ICRS                          |                                         |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                        |                 |                                                                                   |                             |                          |                                |                        |                                                |                                         |       |
|               |                                                                                        |                 |                                                                                   |                             |                          |                                |                        |                                                |                                         |       |
| Exposures     | #                                                                                      | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.          | Groups                                         | Exp. Time (Total)/[Actual Dur.]         | Orbit |
|               | 1                                                                                      |                 | (76) COSMOS-F160 W-76                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                        | Sequence 1-8 Non-Int in COSMOS-F160 W-V76 (8R) | 252.934546 Secs (252.935 Secs)<br>[==>] | [1]   |
|               | 2                                                                                      |                 | (76) COSMOS-F160 W-76                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134.3,0.9     | Sequence 1-8 Non-Int in COSMOS-F160 W-V76 (8R) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |
|               | 3                                                                                      |                 | (76) COSMOS-F160 W-76                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 175.7,-18.9   | Sequence 1-8 Non-Int in COSMOS-F160 W-V76 (8R) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |
|               | 4                                                                                      |                 | (76) COSMOS-F160 W-76                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 41.4,-119.9   | Sequence 1-8 Non-Int in COSMOS-F160 W-V76 (8R) | 227.936926 Secs (227.937 Secs)<br>[==>] | [1]   |
|               | 5                                                                                      |                 | (76) COSMOS-F160 W-76                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -89.2,-120.2  | Sequence 1-8 Non-Int in COSMOS-F160 W-V76 (8R) | 252.937441 Secs (252.937 Secs)<br>[==>] | [1]   |
|               | 6                                                                                      |                 | (76) COSMOS-F160 W-76                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -223.6,-121.1 | Sequence 1-8 Non-Int in COSMOS-F160 W-V76 (8R) | 277.937956 Secs (277.938 Secs)<br>[==>] | [1]   |
|               | 7                                                                                      |                 | (76) COSMOS-F160 W-76                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -317.2,-2.2   | Sequence 1-8 Non-Int in COSMOS-F160 W-V76 (8R) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |
|               | 8                                                                                      |                 | (76) COSMOS-F160 W-76                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -450.7,-2.9   | Sequence 1-8 Non-Int in COSMOS-F160 W-V76 (8R) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |



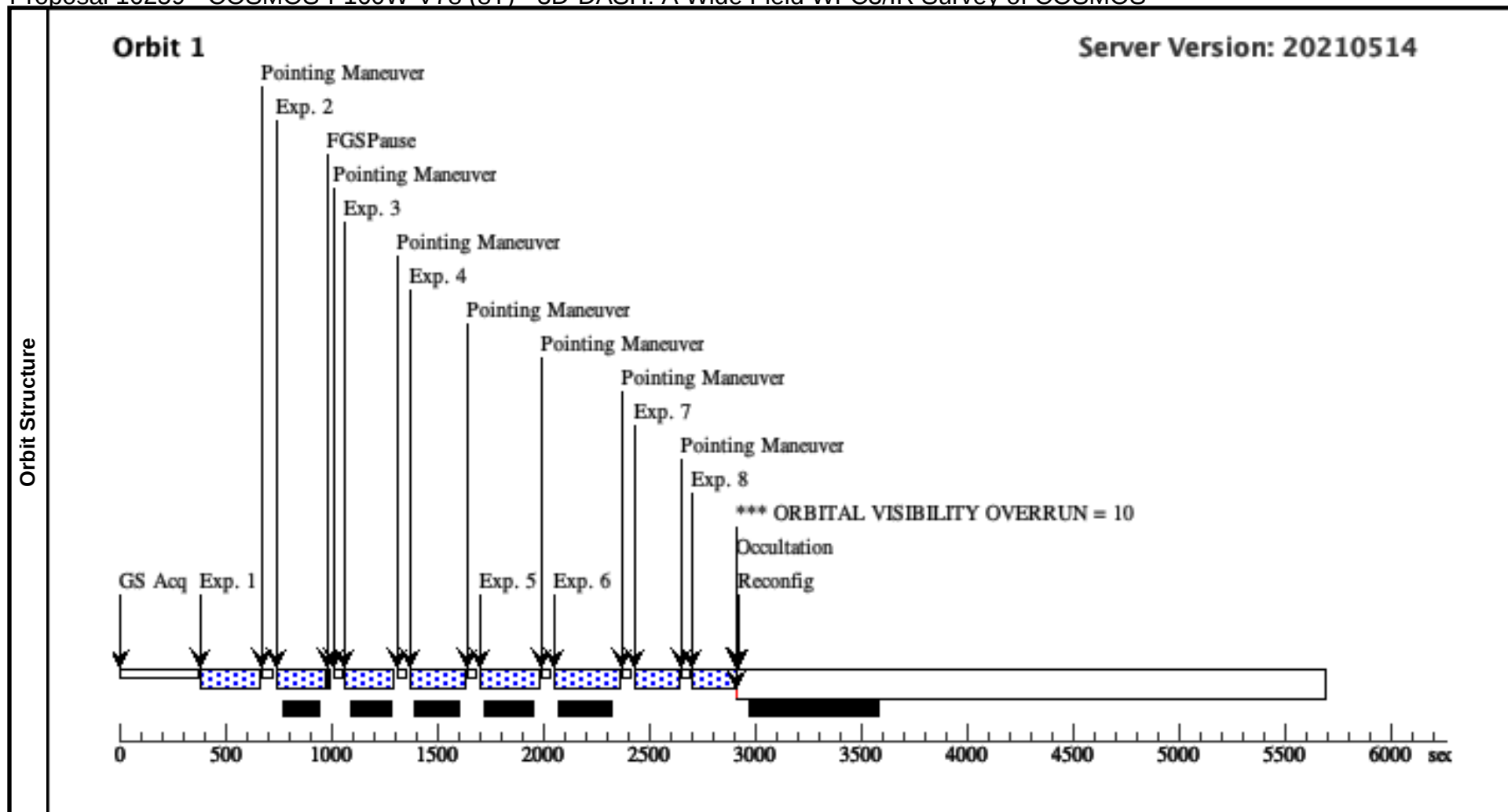
# Proposal 16259 - COSMOS-F160W-V77 (8S) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                        |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|-----------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V77 (8S), completed                                       |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       | Wed Aug 25 21:02:44 GMT 2021 |  |
|                                                                 | Diagnostic Status: Warning                                                             |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                        |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295.0D TO 295.0 D |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
| Diagnostics                                                     | (COSMOS-F160W-V77 (8S)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V77 (8S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V77 (8S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V77 (8S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V77 (8S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V77 (8S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V77 (8S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V77 (8S)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
| Fixed Targets                                                   | #                                                                                      | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                       | Fluxes                                         |                                         | Miscellaneous         |                              |  |
|                                                                 | (77)                                                                                   | COSMOS-F160W-77 | RA: 09 58 25.1963 (149.6049846d)<br>Dec: +02 50 8.51 (2.83570d)<br>Equinox: J2000 |                             |               |                                |                       | V=25                                           |                                         | Reference Frame: ICRS |                              |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                        |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
| Exposures                                                       | #                                                                                      | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.         | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |
|                                                                 | 1                                                                                      |                 | (77) COSMOS-F160 W-77                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                       | Sequence 1-8 Non-Int in COSMOS-F160 W-V77 (8S) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 2                                                                                      |                 | (77) COSMOS-F160 W-77                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 134.3,0.9    | Sequence 1-8 Non-Int in COSMOS-F160 W-V77 (8S) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 3                                                                                      |                 | (77) COSMOS-F160 W-77                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 267.6,-0.0   | Sequence 1-8 Non-Int in COSMOS-F160 W-V77 (8S) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 4                                                                                      |                 | (77) COSMOS-F160 W-77                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 405.0,-122.6 | Sequence 1-8 Non-Int in COSMOS-F160 W-V77 (8S) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 5                                                                                      |                 | (77) COSMOS-F160 W-77                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 453.5,-237.6 | Sequence 1-8 Non-Int in COSMOS-F160 W-V77 (8S) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 6                                                                                      |                 | (77) COSMOS-F160 W-77                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 496.1,-354.8 | Sequence 1-8 Non-Int in COSMOS-F160 W-V77 (8S) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 7                                                                                      |                 | (77) COSMOS-F160 W-77                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 541.4,-473.3 | Sequence 1-8 Non-Int in COSMOS-F160 W-V77 (8S) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 8                                                                                      |                 | (77) COSMOS-F160 W-77                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 583.3,-588.5 | Sequence 1-8 Non-Int in COSMOS-F160 W-V77 (8S) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |



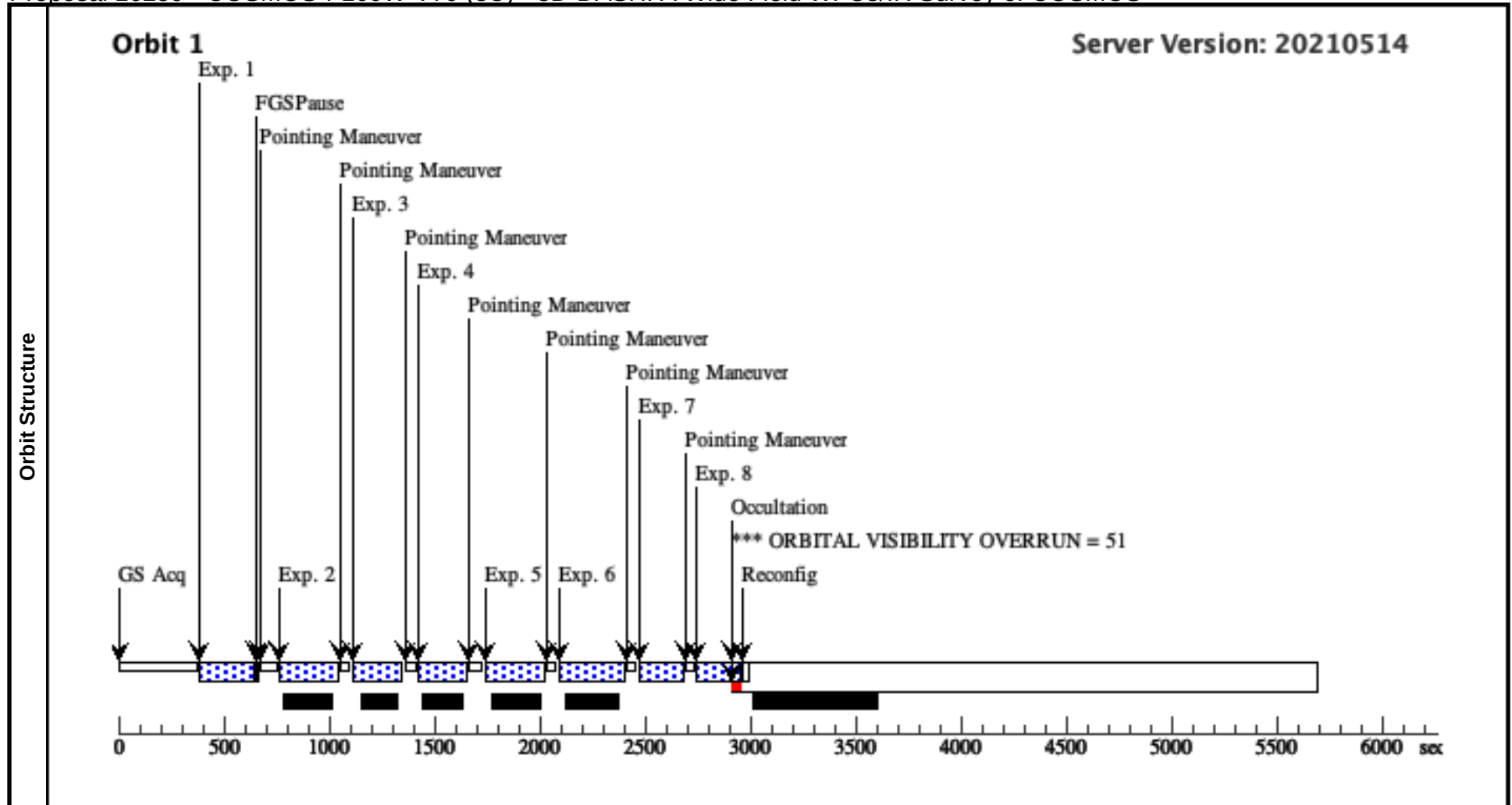
# Proposal 16259 - COSMOS-F160W-V78 (8T) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|---------------|----------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|------------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|
| Visit         | Proposal 16259, COSMOS-F160W-V78 (8T), completed                                       |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       | Wed Aug 25 21:02:44 GMT 2021 |  |
|               | Diagnostic Status: Warning                                                             |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | Scientific Instruments: WFC3/IR                                                        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295.0D TO 295.0 D |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
| Diagnostics   | (COSMOS-F160W-V78 (8T)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V78 (8T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V78 (8T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V78 (8T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V78 (8T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V78 (8T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V78 (8T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
|               | (COSMOS-F160W-V78 (8T)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
| Fixed Targets | #                                                                                      | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                        | Fluxes                                         |                                         | Miscellaneous         |                              |  |
|               | (78)                                                                                   | COSMOS-F160W-78 | RA: 09 58 2.1908 (149.5091283d)<br>Dec: +02 35 31.28 (2.59202d)<br>Equinox: J2000 |                             |               |                                |                        | V=25                                           |                                         | Reference Frame: ICRS |                              |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |
| Exposures     | #                                                                                      | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.          | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |
|               | 1                                                                                      |                 | (78) COSMOS-F160 W-78                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                        | Sequence 1-8 Non-Int in COSMOS-F160 W-V78 (8T) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |
|               | 2                                                                                      |                 | (78) COSMOS-F160 W-78                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 46.5,-11 5.8  | Sequence 1-8 Non-Int in COSMOS-F160 W-V78 (8T) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 3                                                                                      |                 | (78) COSMOS-F160 W-78                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 89.1,-23 3.0  | Sequence 1-8 Non-Int in COSMOS-F160 W-V78 (8T) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 4                                                                                      |                 | (78) COSMOS-F160 W-78                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 134.4,-3 51.4 | Sequence 1-8 Non-Int in COSMOS-F160 W-V78 (8T) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |
|               | 5                                                                                      |                 | (78) COSMOS-F160 W-78                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 269.2,-3 51.1 | Sequence 1-8 Non-Int in COSMOS-F160 W-V78 (8T) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |
|               | 6                                                                                      |                 | (78) COSMOS-F160 W-78                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 228.5,-2 33.2 | Sequence 1-8 Non-Int in COSMOS-F160 W-V78 (8T) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |
|               | 7                                                                                      |                 | (78) COSMOS-F160 W-78                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 186.6,-1 17.9 | Sequence 1-8 Non-Int in COSMOS-F160 W-V78 (8T) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|               | 8                                                                                      |                 | (78) COSMOS-F160 W-78                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 134.3,-0 .6   | Sequence 1-8 Non-Int in COSMOS-F160 W-V78 (8T) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |



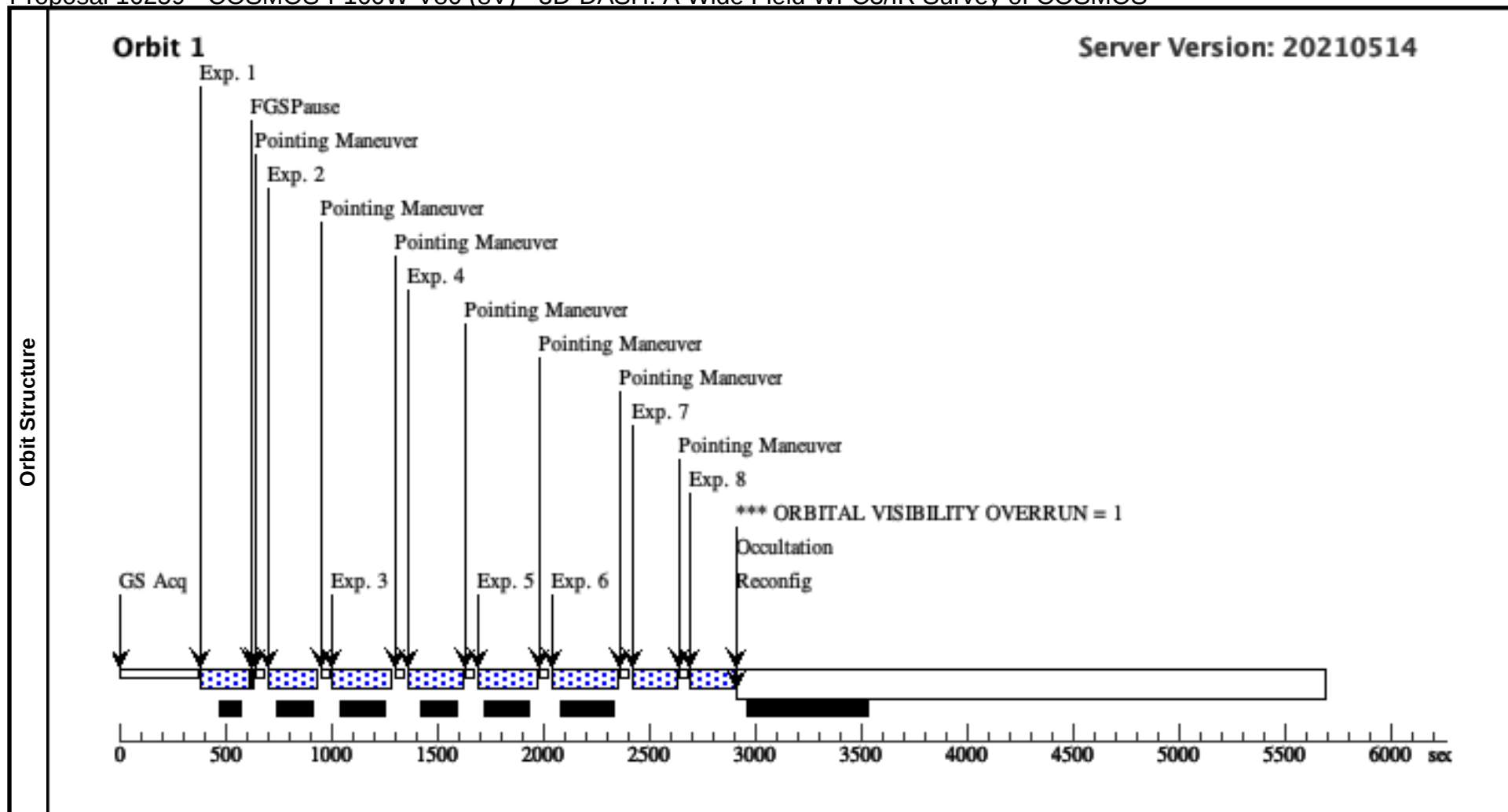
# Proposal 16259 - COSMOS-F160W-V79 (8U) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                        |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         |                              |       |
|---------------|----------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|-------|--------------------------|--------------------------------|-----------------------|-----------------------------------------------|-----------------------------------------|------------------------------|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V79 (8U), scheduling                                      |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         | Wed Aug 25 21:02:44 GMT 2021 |       |
|               | Diagnostic Status: Warning                                                             |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         |                              |       |
|               | Scientific Instruments: WFC3/IR                                                        |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         |                              |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295.0D TO 295.0 D |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         |                              |       |
| Diagnostics   | (COSMOS-F160W-V79 (8U)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         |                              |       |
|               | (COSMOS-F160W-V79 (8U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         |                              |       |
|               | (COSMOS-F160W-V79 (8U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         |                              |       |
|               | (COSMOS-F160W-V79 (8U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         |                              |       |
|               | (COSMOS-F160W-V79 (8U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         |                              |       |
|               | (COSMOS-F160W-V79 (8U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         |                              |       |
|               | (COSMOS-F160W-V79 (8U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         |                              |       |
|               | (COSMOS-F160W-V79 (8U)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         |                              |       |
| Fixed Targets | #                                                                                      | Name            | Target Coordinates                                                                |                             |       | Targ. Coord. Corrections |                                | Fluxes                |                                               | Miscellaneous                           |                              |       |
|               | (79)                                                                                   | COSMOS-F160W-79 | RA: 09 58 6.2052 (149.5258550d)<br>Dec: +02 25 32.02 (2.42556d)<br>Equinox: J2000 |                             |       |                          |                                | V=25                  |                                               | Reference Frame: ICRS                   |                              |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                        |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         |                              |       |
|               |                                                                                        |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                         |                              |       |
| Exposures     | #                                                                                      | Label           | Target                                                                            | Config,Mode,Aperture        |       | Spectral Els.            | Opt. Params.                   | Special Reqs.         | Groups                                        | Exp. Time (Total)/[Actual Dur.]         |                              | Orbit |
|               | 1                                                                                      |                 | (79) COSMOS-F160W-79                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 195.2,-349.3 | Sequence 1-8 Non-Int in COSMOS-F160W-V79 (8U) | 227.936926 Secs (227.937 Secs)<br>[==>] |                              | [1]   |
|               | 2                                                                                      |                 | (79) COSMOS-F160W-79                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                       | Sequence 1-8 Non-Int in COSMOS-F160W-V79 (8U) | 252.934546 Secs (252.935 Secs)<br>[==>] |                              | [1]   |
|               | 3                                                                                      |                 | (79) COSMOS-F160W-79                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 44.2,-118.5  | Sequence 1-8 Non-Int in COSMOS-F160W-V79 (8U) | 202.936411 Secs (202.936 Secs)<br>[==>] |                              | [1]   |
|               | 4                                                                                      |                 | (79) COSMOS-F160W-79                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 152.5,-232.1 | Sequence 1-8 Non-Int in COSMOS-F160W-V79 (8U) | 202.936411 Secs (202.936 Secs)<br>[==>] |                              | [1]   |
|               | 5                                                                                      |                 | (79) COSMOS-F160W-79                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 240.4,-467.7 | Sequence 1-8 Non-Int in COSMOS-F160W-V79 (8U) | 252.937441 Secs (252.937 Secs)<br>[==>] |                              | [1]   |
|               | 6                                                                                      |                 | (79) COSMOS-F160W-79                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 367.7,-469.0 | Sequence 1-8 Non-Int in COSMOS-F160W-V79 (8U) | 277.937956 Secs (277.938 Secs)<br>[==>] |                              | [1]   |
|               | 7                                                                                      |                 | (79) COSMOS-F160W-79                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 325.1,-351.8 | Sequence 1-8 Non-Int in COSMOS-F160W-V79 (8U) | 177.935896 Secs (177.936 Secs)<br>[==>] |                              | [1]   |
|               | 8                                                                                      |                 | (79) COSMOS-F160W-79                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 278.6,-236.0 | Sequence 1-8 Non-Int in COSMOS-F160W-V79 (8U) | 177.935896 Secs (177.936 Secs)<br>[==>] |                              | [1]   |



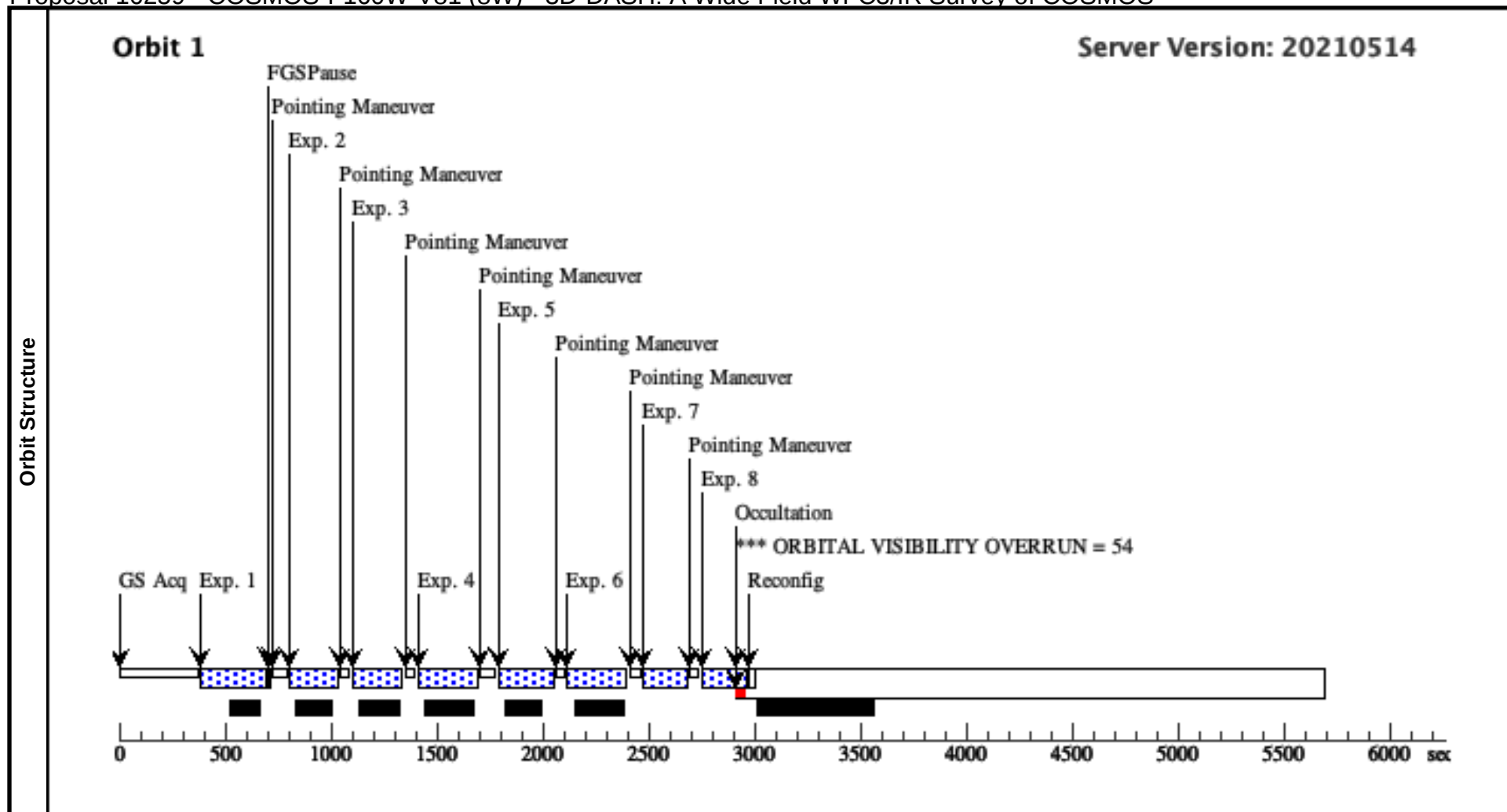
# Proposal 16259 - COSMOS-F160W-V80 (8V) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |       |
|---------------|----------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|-----|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V80 (8V), scheduling                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                | Wed Aug 25 21:02:44 GMT 2021    |     |       |
|               | Diagnostic Status: Warning                                                             |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |       |
|               | Scientific Instruments: WFC3/IR                                                        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295.0D TO 295.0 D |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |       |
| Diagnostics   | (COSMOS-F160W-V80 (8V)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |       |
|               | (COSMOS-F160W-V80 (8V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |       |
|               | (COSMOS-F160W-V80 (8V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |       |
|               | (COSMOS-F160W-V80 (8V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |       |
|               | (COSMOS-F160W-V80 (8V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |       |
|               | (COSMOS-F160W-V80 (8V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |       |
|               | (COSMOS-F160W-V80 (8V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |       |
|               | (COSMOS-F160W-V80 (8V)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |       |
| Fixed Targets | #                                                                                      | Name                  | Target Coordinates                                                                 |                             | Targ. Coord. Corrections       |                                | Fluxes                                         |                                                | Miscellaneous                   |     |       |
|               | (80)                                                                                   | COSMOS-F160W-80       | RA: 09 57 53.7231 (149.4738462d)<br>Dec: +02 11 56.13 (2.19892d)<br>Equinox: J2000 |                             |                                |                                | V=25                                           |                                                | Reference Frame: ICRS           |     |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |       |
|               |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |       |
| Exposures     | #                                                                                      | Label                 | Target                                                                             | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |     | Orbit |
|               | 1                                                                                      |                       | (80) COSMOS-F160 W-80                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -172.5,19.7                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V80 (8V) | 202.936411 Secs (202.936 Secs)  |     |       |
|               |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]   |
|               | 2                                                                                      |                       | (80) COSMOS-F160 W-80                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -41.9,115.3                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V80 (8V) | 202.936411 Secs (202.936 Secs)  |     |       |
|               |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]   |
|               | 3                                                                                      |                       | (80) COSMOS-F160 W-80                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V80 (8V) | 252.934546 Secs (252.935 Secs)  |     |       |
|               |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]   |
|               | 4                                                                                      |                       | (80) COSMOS-F160 W-80                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -133.6,-0.6                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V80 (8V) | 227.936926 Secs (227.937 Secs)  |     |       |
|               |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]   |
|               | 5                                                                                      |                       | (80) COSMOS-F160 W-80                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -87.1,-116.4                          | Sequence 1-8 Non-Int in COSMOS-F160 W-V80 (8V) | 252.937441 Secs (252.937 Secs)  |     |       |
|               |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |       |
| 6             |                                                                                        | (80) COSMOS-F160 W-80 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -44.4,-233.6          | Sequence 1-8 Non-Int in COSMOS-F160 W-V80 (8V) | 277.937956 Secs (277.938 Secs)                 |                                 |     |       |
|               |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |       |
| 7             |                                                                                        | (80) COSMOS-F160 W-80 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 0.8,-352.1            | Sequence 1-8 Non-Int in COSMOS-F160 W-V80 (8V) | 177.935896 Secs (177.936 Secs)                 |                                 |     |       |
|               |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |       |
| 8             |                                                                                        | (80) COSMOS-F160 W-80 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 42.7,-467.3           | Sequence 1-8 Non-Int in COSMOS-F160 W-V80 (8V) | 177.935896 Secs (177.936 Secs)                 |                                 |     |       |
|               |                                                                                        |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |       |



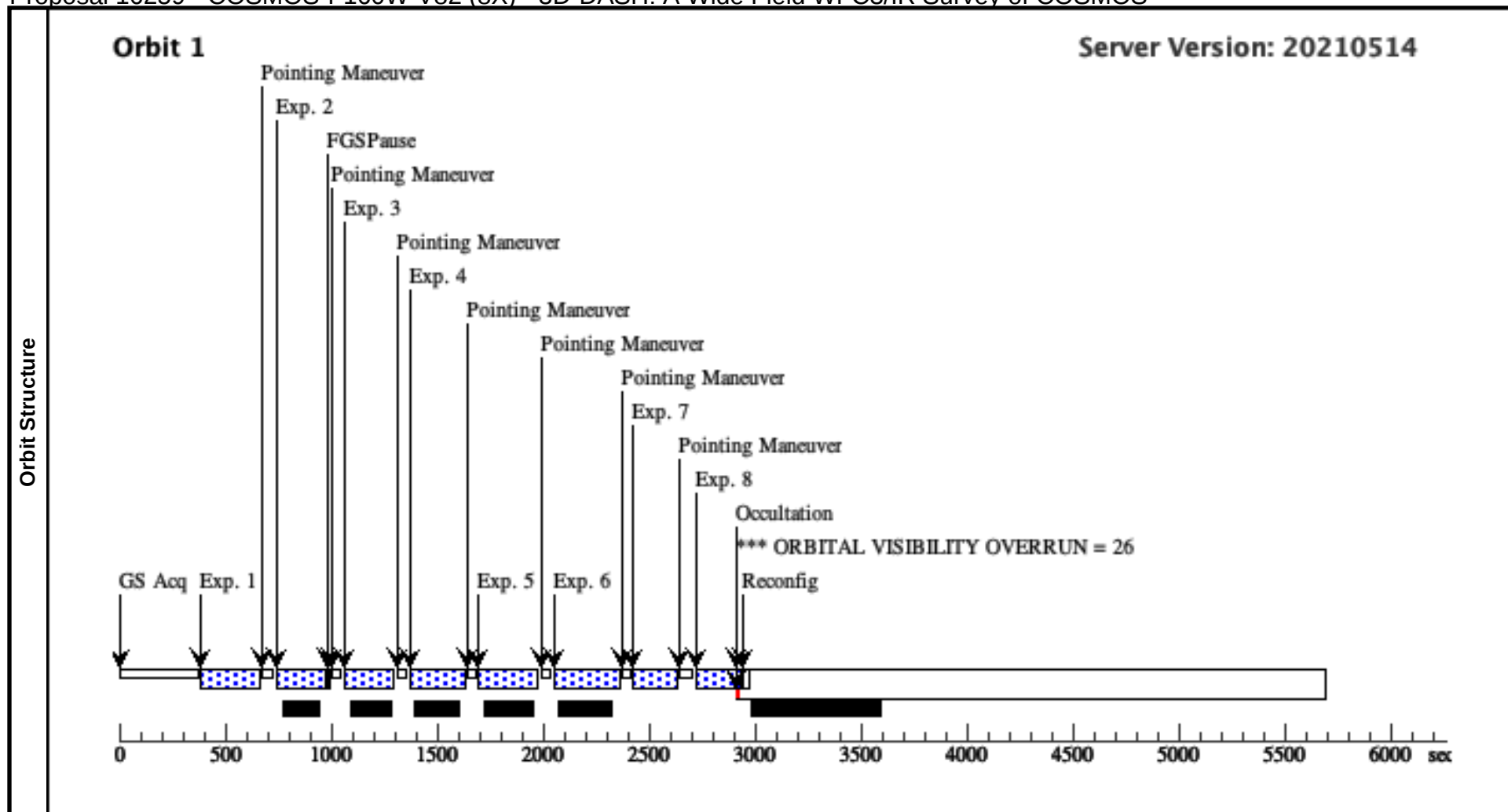
# Proposal 16259 - COSMOS-F160W-V81 (8W) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                        |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                 |                              |       |
|---------------|----------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|-------|--------------------------|--------------------------------|-----------------------|-----------------------------------------------|---------------------------------|------------------------------|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V81 (8W), scheduling                                      |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                 | Wed Aug 25 21:02:44 GMT 2021 |       |
|               | Diagnostic Status: Warning                                                             |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                 |                              |       |
|               | Scientific Instruments: WFC3/IR                                                        |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                 |                              |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295.0D TO 295.0 D |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                 |                              |       |
| Diagnostics   | (COSMOS-F160W-V81 (8W)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                 |                              |       |
|               | (COSMOS-F160W-V81 (8W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                 |                              |       |
|               | (COSMOS-F160W-V81 (8W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                 |                              |       |
|               | (COSMOS-F160W-V81 (8W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                 |                              |       |
|               | (COSMOS-F160W-V81 (8W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                 |                              |       |
|               | (COSMOS-F160W-V81 (8W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                 |                              |       |
|               | (COSMOS-F160W-V81 (8W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                 |                              |       |
|               | (COSMOS-F160W-V81 (8W)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                 |                              |       |
| Fixed Targets | #                                                                                      | Name            | Target Coordinates                                                                |                             |       | Targ. Coord. Corrections |                                | Fluxes                |                                               | Miscellaneous                   |                              |       |
|               | (81)                                                                                   | COSMOS-F160W-81 | RA: 09 58 1.5959 (149.5066496d)<br>Dec: +02 02 14.19 (2.03727d)<br>Equinox: J2000 |                             |       |                          |                                | V=25                  |                                               | Reference Frame: ICRS           |                              |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                        |                 |                                                                                   |                             |       |                          |                                |                       |                                               |                                 |                              |       |
| Exposures     | #                                                                                      | Label           | Target                                                                            | Config,Mode,Aperture        |       | Spectral Els.            | Opt. Params.                   | Special Reqs.         | Groups                                        | Exp. Time (Total)/[Actual Dur.] |                              | Orbit |
|               | 1                                                                                      |                 | (81) COSMOS-F160W-81                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 304.5,-473.5 | Sequence 1-8 Non-Int in COSMOS-F160W-V81 (8W) | 277.937956 Secs (277.938 Secs)  |                              |       |
|               |                                                                                        |                 |                                                                                   |                             |       |                          |                                |                       |                                               | [==>]                           | [1]                          |       |
|               | 2                                                                                      |                 | (81) COSMOS-F160W-81                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 85.5,-236.2  | Sequence 1-8 Non-Int in COSMOS-F160W-V81 (8W) | 202.936411 Secs (202.936 Secs)  |                              |       |
|               |                                                                                        |                 |                                                                                   |                             |       |                          |                                |                       |                                               | [==>]                           | [1]                          |       |
|               | 3                                                                                      |                 | (81) COSMOS-F160W-81                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 39.0,-120.4  | Sequence 1-8 Non-Int in COSMOS-F160W-V81 (8W) | 202.936411 Secs (202.936 Secs)  |                              |       |
|               |                                                                                        |                 |                                                                                   |                             |       |                          |                                |                       |                                               | [==>]                           | [1]                          |       |
|               | 4                                                                                      |                 | (81) COSMOS-F160W-81                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                       | Sequence 1-8 Non-Int in COSMOS-F160W-V81 (8W) | 252.934546 Secs (252.935 Secs)  |                              |       |
|               |                                                                                        |                 |                                                                                   |                             |       |                          |                                |                       |                                               | [==>]                           | [1]                          |       |
|               | 5                                                                                      |                 | (81) COSMOS-F160W-81                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 128.1,-353.4 | Sequence 1-8 Non-Int in COSMOS-F160W-V81 (8W) | 227.936926 Secs (227.937 Secs)  |                              |       |
|               |                                                                                        |                 |                                                                                   |                             |       |                          |                                |                       |                                               | [==>]                           | [1]                          |       |
|               | 6                                                                                      |                 | (81) COSMOS-F160W-81                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 173.4,-471.8 | Sequence 1-8 Non-Int in COSMOS-F160W-V81 (8W) | 252.937441 Secs (252.937 Secs)  |                              |       |
|               |                                                                                        |                 |                                                                                   |                             |       |                          |                                |                       |                                               | [==>]                           | [1]                          |       |
|               | 7                                                                                      |                 | (81) COSMOS-F160W-81                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 257.9,-357.7 | Sequence 1-8 Non-Int in COSMOS-F160W-V81 (8W) | 177.935896 Secs (177.936 Secs)  |                              |       |
|               |                                                                                        |                 |                                                                                   |                             |       |                          |                                |                       |                                               | [==>]                           | [1]                          |       |
|               | 8                                                                                      |                 | (81) COSMOS-F160W-81                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W |                          | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 219.0,-237.4 | Sequence 1-8 Non-Int in COSMOS-F160W-V81 (8W) | 177.935896 Secs (177.936 Secs)  |                              |       |
|               |                                                                                        |                 |                                                                                   |                             |       |                          |                                |                       | [==>]                                         | [1]                             |                              |       |



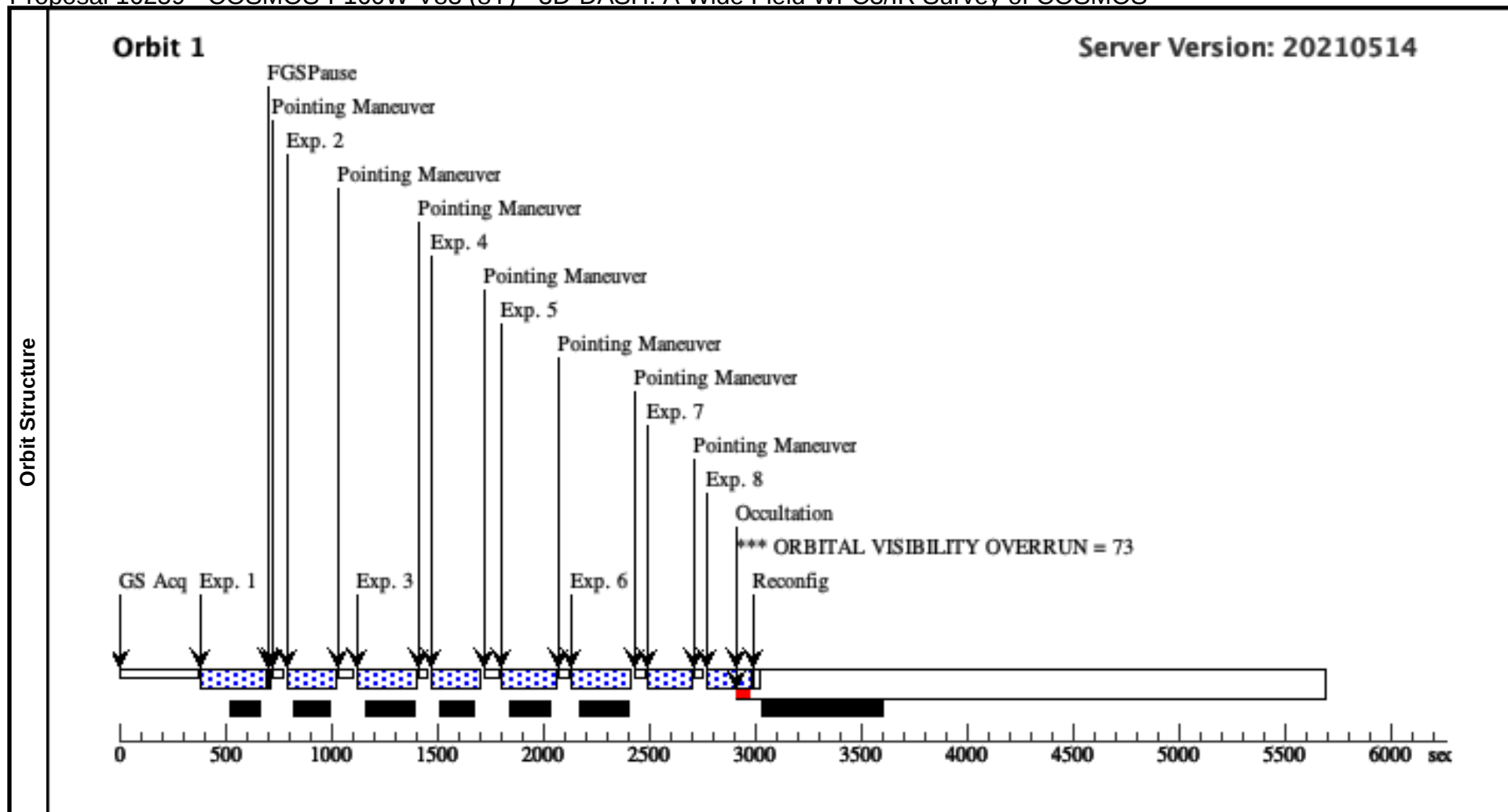
# Proposal 16259 - COSMOS-F160W-V82 (8X) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                        |                 |                                                                                   |                             |  |                          |  |                                |        |                        |                              |                                                |  |                                         |  |       |  |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|--|--------------------------|--|--------------------------------|--------|------------------------|------------------------------|------------------------------------------------|--|-----------------------------------------|--|-------|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V82 (8X), completed                                       |                 |                                                                                   |                             |  |                          |  |                                |        |                        | Wed Aug 25 21:02:44 GMT 2021 |                                                |  |                                         |  |       |  |
|                                                                 | Diagnostic Status: Warning                                                             |                 |                                                                                   |                             |  |                          |  |                                |        |                        |                              |                                                |  |                                         |  |       |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                        |                 |                                                                                   |                             |  |                          |  |                                |        |                        |                              |                                                |  |                                         |  |       |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295.0D TO 295.0 D |                 |                                                                                   |                             |  |                          |  |                                |        |                        |                              |                                                |  |                                         |  |       |  |
| Diagnostics                                                     | (COSMOS-F160W-V82 (8X)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |                 |                                                                                   |                             |  |                          |  |                                |        |                        |                              |                                                |  |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V82 (8X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |  |                          |  |                                |        |                        |                              |                                                |  |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V82 (8X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |  |                          |  |                                |        |                        |                              |                                                |  |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V82 (8X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |  |                          |  |                                |        |                        |                              |                                                |  |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V82 (8X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |  |                          |  |                                |        |                        |                              |                                                |  |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V82 (8X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |  |                          |  |                                |        |                        |                              |                                                |  |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V82 (8X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |  |                          |  |                                |        |                        |                              |                                                |  |                                         |  |       |  |
|                                                                 | (COSMOS-F160W-V82 (8X)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |                 |                                                                                   |                             |  |                          |  |                                |        |                        |                              |                                                |  |                                         |  |       |  |
| Fixed Targets                                                   | #                                                                                      | Name            | Target Coordinates                                                                |                             |  | Targ. Coord. Corrections |  |                                | Fluxes |                        | Miscellaneous                |                                                |  |                                         |  |       |  |
|                                                                 | (82)                                                                                   | COSMOS-F160W-82 | RA: 09 58 1.4967 (149.5062363d)<br>Dec: +01 51 48.92 (1.86359d)<br>Equinox: J2000 |                             |  |                          |  |                                | V=25   |                        | Reference Frame: ICRS        |                                                |  |                                         |  |       |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                        |                 |                                                                                   |                             |  |                          |  |                                |        |                        |                              |                                                |  |                                         |  |       |  |
| Exposures                                                       | #                                                                                      | Label           | Target                                                                            | Config,Mode,Aperture        |  | Spectral Els.            |  | Opt. Params.                   |        | Special Reqs.          |                              | Groups                                         |  | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |  |
|                                                                 | 1                                                                                      |                 | (82) COSMOS-F160 W-82                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |        |                        |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V82 (8X) |  | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 2                                                                                      |                 | (82) COSMOS-F160 W-82                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |        | POS TARG 43.0,-11 3.4  |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V82 (8X) |  | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 3                                                                                      |                 | (82) COSMOS-F160 W-82                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |        | POS TARG 82.0,-23 3.7  |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V82 (8X) |  | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 4                                                                                      |                 | (82) COSMOS-F160 W-82                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=10;<br>SAMP-SEQ=SPAR S25 |        | POS TARG 128.5,-3 49.5 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V82 (8X) |  | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 5                                                                                      |                 | (82) COSMOS-F160 W-82                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=11;<br>SAMP-SEQ=SPAR S25 |        | POS TARG 171.1,-4 66.7 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V82 (8X) |  | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 6                                                                                      |                 | (82) COSMOS-F160 W-82                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=12;<br>SAMP-SEQ=SPAR S25 |        | POS TARG 216.4,-5 85.1 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V82 (8X) |  | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 7                                                                                      |                 | (82) COSMOS-F160 W-82                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |        | POS TARG 258.3,-7 00.4 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V82 (8X) |  | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |
|                                                                 | 8                                                                                      |                 | (82) COSMOS-F160 W-82                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |        | POS TARG 83.2,-93 3.6  |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V82 (8X) |  | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |



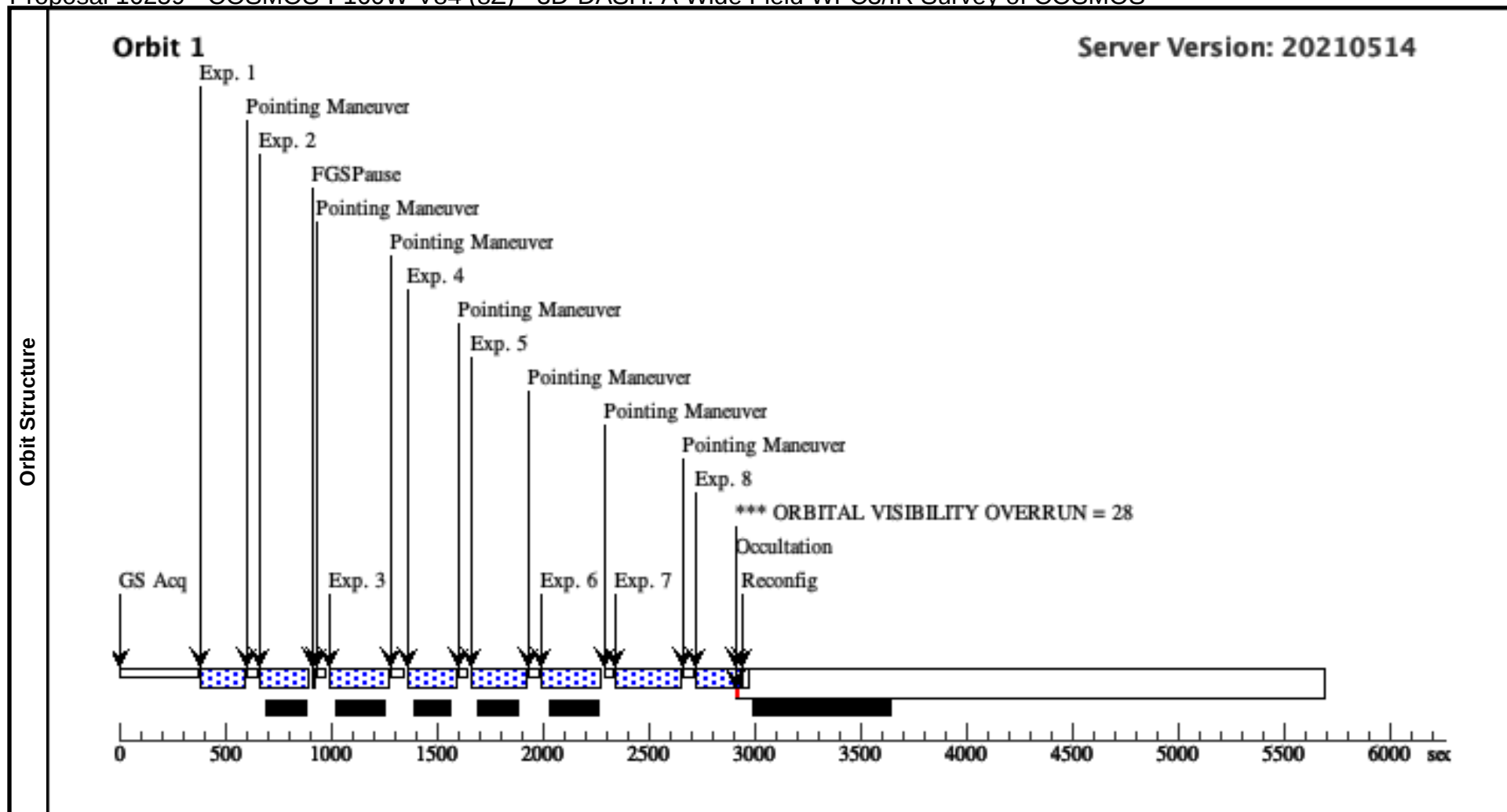
# Proposal 16259 - COSMOS-F160W-V83 (8Y) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                        |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  |                              |  |  |  |
|---------------|----------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|----------------------------------------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|--|--|--|
| Visit         | Proposal 16259, COSMOS-F160W-V83 (8Y), implementation                                  |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  | Wed Aug 25 21:02:44 GMT 2021 |  |  |  |
|               | Diagnostic Status: Warning                                                             |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  |                              |  |  |  |
|               | Scientific Instruments: WFC3/IR                                                        |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  |                              |  |  |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 295.0D TO 295.0 D |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  |                              |  |  |  |
| Diagnostics   | (COSMOS-F160W-V83 (8Y)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN            |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  |                              |  |  |  |
|               | (COSMOS-F160W-V83 (8Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  |                              |  |  |  |
|               | (COSMOS-F160W-V83 (8Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  |                              |  |  |  |
|               | (COSMOS-F160W-V83 (8Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  |                              |  |  |  |
|               | (COSMOS-F160W-V83 (8Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  |                              |  |  |  |
|               | (COSMOS-F160W-V83 (8Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  |                              |  |  |  |
|               | (COSMOS-F160W-V83 (8Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  |                              |  |  |  |
|               | (COSMOS-F160W-V83 (8Y)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE          |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  |                              |  |  |  |
| Fixed Targets | #                                                                                      |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  |                              |  |  |  |
|               | Name                                                                                   |       | Target Coordinates                                                                 |                             |               | Targ. Coord. Corrections       |                                                    |                                                | Fluxes                                  |  | Miscellaneous                |  |  |  |
|               | (83) COSMOS-F160W-83                                                                   |       | RA: 09 58 25.8916 (149.6078817d)<br>Dec: +01 37 27.89 (1.62441d)<br>Equinox: J2000 |                             |               |                                |                                                    |                                                | V=25                                    |  | Reference Frame: ICRS        |  |  |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                        |       |                                                                                    |                             |               |                                |                                                    |                                                |                                         |  |                              |  |  |  |
| Exposures     | #                                                                                      | Label | Target                                                                             | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.                                      | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |  |  |  |
|               | 1                                                                                      |       | (83) COSMOS-F160 W-83                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -559.0,-241.6;<br>GS ACQ SCENARIO BASE1B3 | Sequence 1-8 Non-Int in COSMOS-F160 W-V83 (8Y) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               | 2                                                                                      |       | (83) COSMOS-F160 W-83                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -370.86 11986977557,-126.3 8975943901896  | Sequence 1-8 Non-Int in COSMOS-F160 W-V83 (8Y) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               | 3                                                                                      |       | (83) COSMOS-F160 W-83                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                    | Sequence 1-8 Non-Int in COSMOS-F160 W-V83 (8Y) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               | 4                                                                                      |       | (83) COSMOS-F160 W-83                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -133.0,-0.1                               | Sequence 1-8 Non-Int in COSMOS-F160 W-V83 (8Y) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               | 5                                                                                      |       | (83) COSMOS-F160 W-83                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -480.35 10204583931,-82.10 575345546776   | Sequence 1-8 Non-Int in COSMOS-F160 W-V83 (8Y) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               | 6                                                                                      |       | (83) COSMOS-F160 W-83                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -612.9,-124.9                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V83 (8Y) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               | 7                                                                                      |       | (83) COSMOS-F160 W-83                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -691.5,-242.3                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V83 (8Y) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |  |  |  |
|               | 8                                                                                      |       | (83) COSMOS-F160 W-83                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -824.5,-242.4                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V83 (8Y) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |  |  |  |



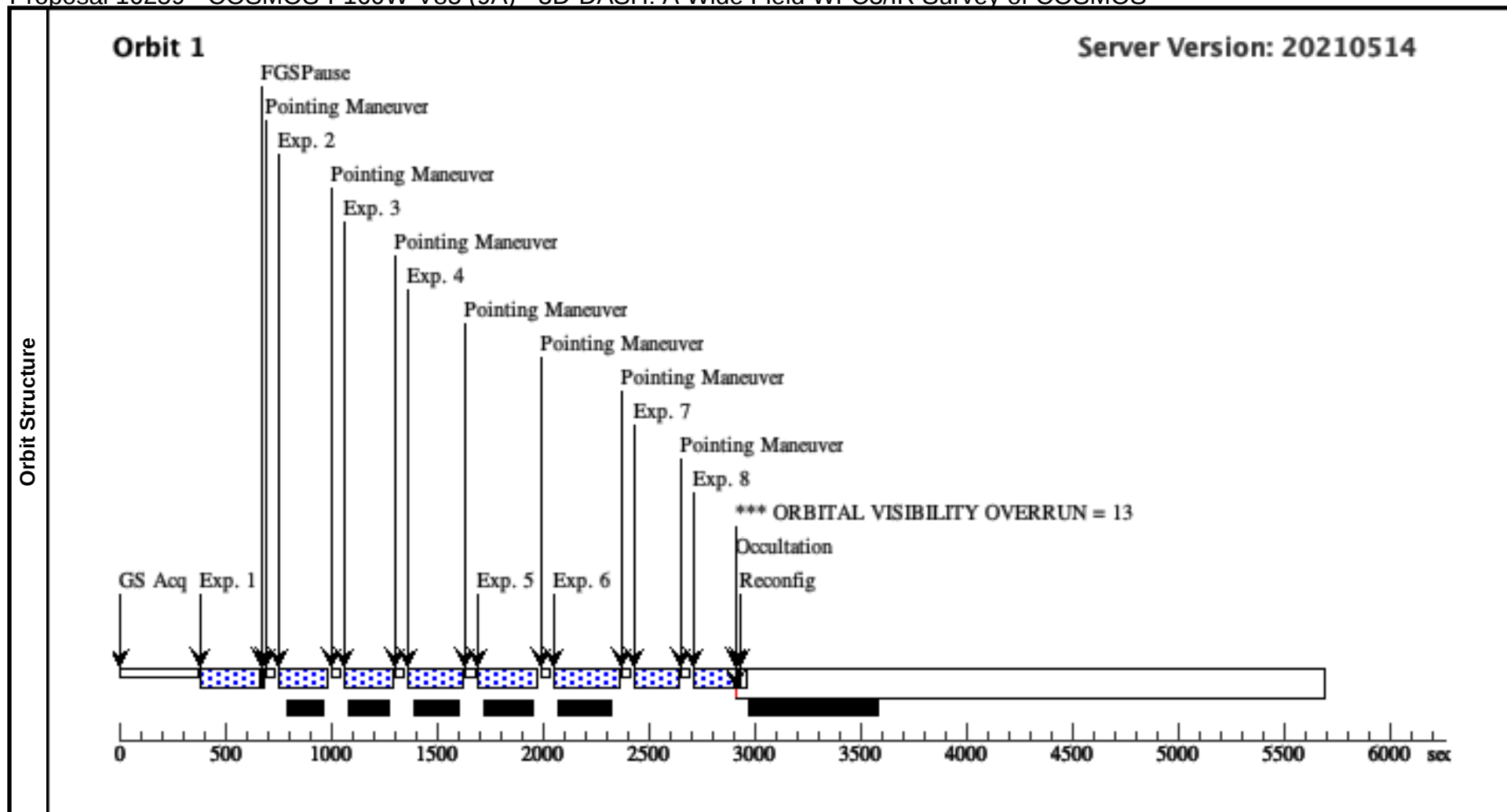
# Proposal 16259 - COSMOS-F160W-V84 (8Z) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                      |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|---------------|--------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|---------------------------------------------------|------------------------------------------------|-----------------------------------------|--|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V84 (8Z), implementation                                |                 |                                                                                    |                             |                          |                                |                                                   |                                                | Wed Aug 25 21:02:44 GMT 2021            |  |       |
|               | Diagnostic Status: Warning                                                           |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|               | Scientific Instruments: WFC3/IR                                                      |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 55.0D TO 55.0 D |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
| Diagnostics   | (COSMOS-F160W-V84 (8Z)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN          |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|               | (COSMOS-F160W-V84 (8Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|               | (COSMOS-F160W-V84 (8Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|               | (COSMOS-F160W-V84 (8Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|               | (COSMOS-F160W-V84 (8Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|               | (COSMOS-F160W-V84 (8Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|               | (COSMOS-F160W-V84 (8Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|               | (COSMOS-F160W-V84 (8Z)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
| Fixed Targets | #                                                                                    | Name            | Target Coordinates                                                                 |                             | Targ. Coord. Corrections |                                | Fluxes                                            |                                                | Miscellaneous                           |  |       |
|               | (84)                                                                                 | COSMOS-F160W-84 | RA: 10 02 18.5911 (150.5774629d)<br>Dec: +01 58 13.56 (1.97043d)<br>Equinox: J2000 |                             |                          |                                | V=25                                              |                                                | Reference Frame: ICRS                   |  |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                      |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|               |                                                                                      |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
| Exposures     | #                                                                                    | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.                                     | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|               | 1                                                                                    |                 | (84) COSMOS-F160 W-84                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -135.9,-93.1;<br>GS ACQ SCENARIO BASE1B3 | Sequence 1-8 Non-Int in COSMOS-F160 W-V84 (8Z) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               | 2                                                                                    |                 | (84) COSMOS-F160 W-84                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -134.8,23.7                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V84 (8Z) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 3                                                                                    |                 | (84) COSMOS-F160 W-84                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                   | Sequence 1-8 Non-Int in COSMOS-F160 W-V84 (8Z) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|               | 4                                                                                    |                 | (84) COSMOS-F160 W-84                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -267.7,44.7                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V84 (8Z) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|               | 5                                                                                    |                 | (84) COSMOS-F160 W-84                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -400.6,58.3                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V84 (8Z) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|               | 6                                                                                    |                 | (84) COSMOS-F160 W-84                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -534.0,-28.0                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V84 (8Z) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|               | 7                                                                                    |                 | (84) COSMOS-F160 W-84                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -460.4939913431121,-60.77424261121686    | Sequence 1-8 Non-Int in COSMOS-F160 W-V84 (8Z) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|               | 8                                                                                    |                 | (84) COSMOS-F160 W-84                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -268.8,-72.2                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V84 (8Z) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|               |                                                                                      |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |



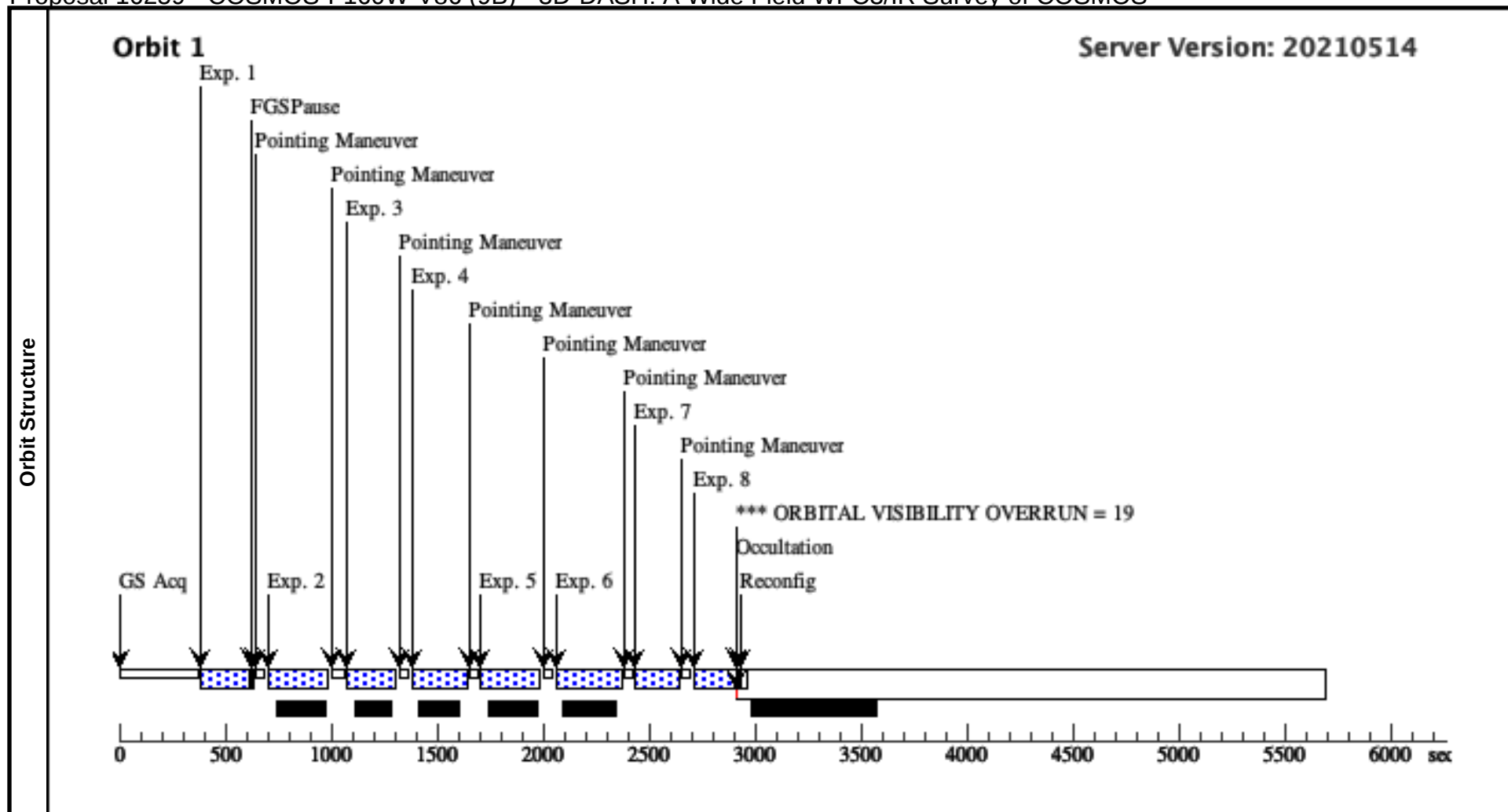
# Proposal 16259 - COSMOS-F160W-V85 (9A) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                      |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|-----------------------|------------------------------|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V85 (9A), completed                                     |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       | Wed Aug 25 21:02:44 GMT 2021 |  |
|                                                                 | Diagnostic Status: Warning                                                           |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                      |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 55.0D TO 55.0 D |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |
| Diagnostics                                                     | (COSMOS-F160W-V85 (9A)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN          |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |
|                                                                 | (COSMOS-F160W-V85 (9A)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |
|                                                                 | (COSMOS-F160W-V85 (9A)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |
|                                                                 | (COSMOS-F160W-V85 (9A)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |
|                                                                 | (COSMOS-F160W-V85 (9A)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |
|                                                                 | (COSMOS-F160W-V85 (9A)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |
|                                                                 | (COSMOS-F160W-V85 (9A)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |
|                                                                 | (COSMOS-F160W-V85 (9A)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |
| Fixed Targets                                                   | #                                                                                    | Name                  | Target Coordinates                                                                |                             |                                | Targ. Coord. Corrections       |                                                | Fluxes                                         |                                 | Miscellaneous         |                              |  |
|                                                                 | (85)                                                                                 | COSMOS-F160W-85       | RA: 10 02 2.8540 (150.5118917d)<br>Dec: +01 54 22.57 (1.90627d)<br>Equinox: J2000 |                             |                                |                                |                                                | V=25                                           |                                 | Reference Frame: ICRS |                              |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                      |                       |                                                                                   |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |
| Exposures                                                       | #                                                                                    | Label                 | Target                                                                            | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |                       | Orbit                        |  |
|                                                                 | 1                                                                                    |                       | (85) COSMOS-F160 W-85                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V85 (9A) | 252.934546 Secs (252.935 Secs)  |                       |                              |  |
|                                                                 |                                                                                      |                       |                                                                                   |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |  |
|                                                                 | 2                                                                                    |                       | (85) COSMOS-F160 W-85                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132.9,1 3.6                          | Sequence 1-8 Non-Int in COSMOS-F160 W-V85 (9A) | 202.936411 Secs (202.936 Secs)  |                       |                              |  |
|                                                                 |                                                                                      |                       |                                                                                   |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |  |
|                                                                 | 3                                                                                    |                       | (85) COSMOS-F160 W-85                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -265.3,4 4.3                          | Sequence 1-8 Non-Int in COSMOS-F160 W-V85 (9A) | 202.936411 Secs (202.936 Secs)  |                       |                              |  |
|                                                                 |                                                                                      |                       |                                                                                   |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |  |
|                                                                 | 4                                                                                    |                       | (85) COSMOS-F160 W-85                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -396.9,6 5.0                          | Sequence 1-8 Non-Int in COSMOS-F160 W-V85 (9A) | 227.936926 Secs (227.937 Secs)  |                       |                              |  |
|                                                                 |                                                                                      |                       |                                                                                   |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |  |
|                                                                 | 5                                                                                    |                       | (85) COSMOS-F160 W-85                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -530.8,- 38.3                         | Sequence 1-8 Non-Int in COSMOS-F160 W-V85 (9A) | 252.937441 Secs (252.937 Secs)  |                       |                              |  |
|                                                                 |                                                                                      |                       |                                                                                   |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |  |
| 6                                                               |                                                                                      | (85) COSMOS-F160 W-85 | WFC3/IR, MULTIACCUM, IR-FIX                                                       | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -398.0,- 51.9         | Sequence 1-8 Non-Int in COSMOS-F160 W-V85 (9A) | 277.937956 Secs (277.938 Secs)                 |                                 |                       |                              |  |
|                                                                 |                                                                                      |                       |                                                                                   |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |  |
| 7                                                               |                                                                                      | (85) COSMOS-F160 W-85 | WFC3/IR, MULTIACCUM, IR-FIX                                                       | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -266.3,- 72.6         | Sequence 1-8 Non-Int in COSMOS-F160 W-V85 (9A) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |  |
|                                                                 |                                                                                      |                       |                                                                                   |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |  |
| 8                                                               |                                                                                      | (85) COSMOS-F160 W-85 | WFC3/IR, MULTIACCUM, IR-FIX                                                       | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -134.0,- 103.2        | Sequence 1-8 Non-Int in COSMOS-F160 W-V85 (9A) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |  |
|                                                                 |                                                                                      |                       |                                                                                   |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |  |



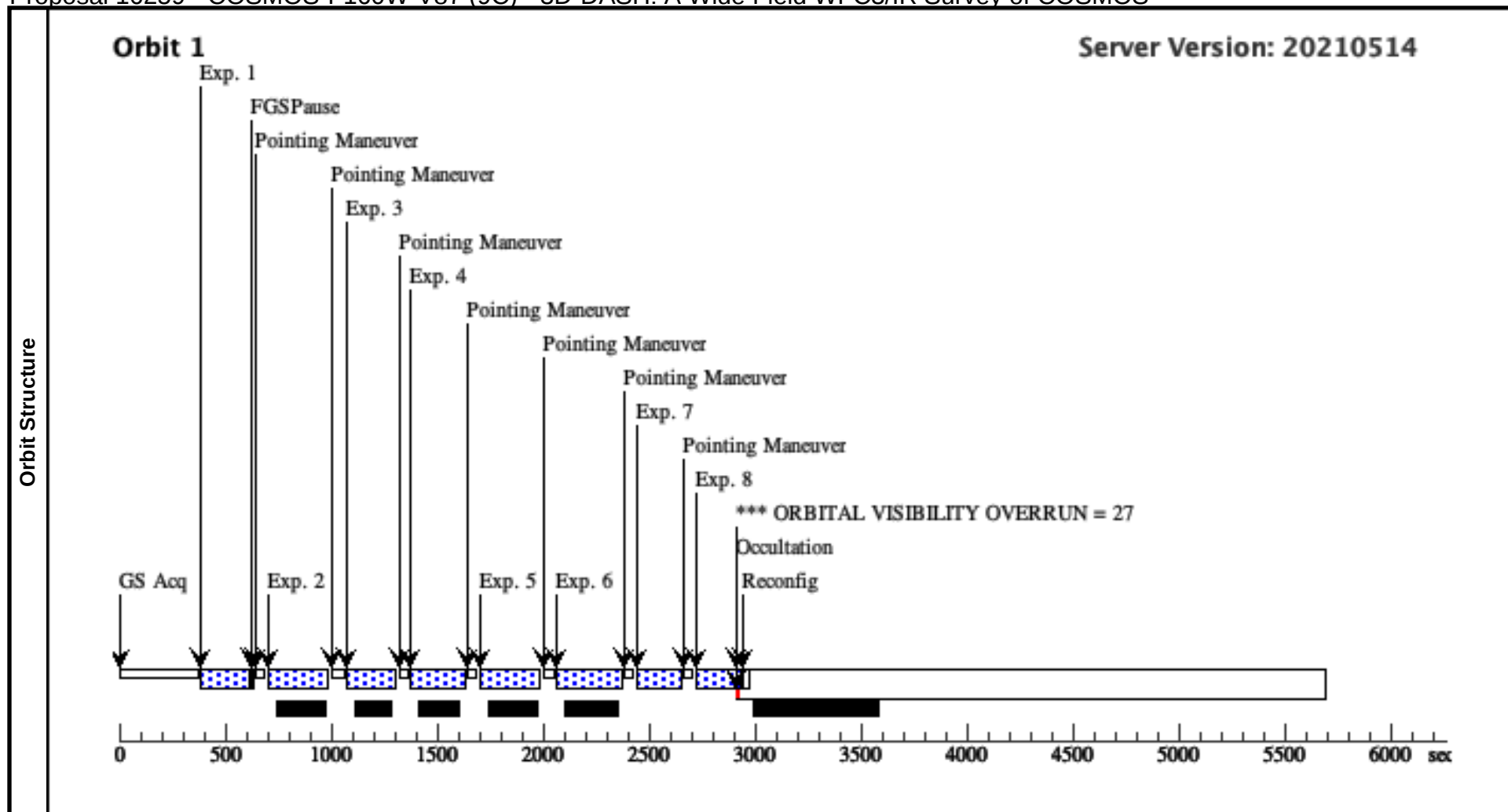
# Proposal 16259 - COSMOS-F160W-V86 (9B) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                      |                 |                                                                                   |                             |                          |                                |                                                   |                                                |                                         |                              |       |
|---------------|--------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|---------------------------------------------------|------------------------------------------------|-----------------------------------------|------------------------------|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V86 (9B), implementation                                |                 |                                                                                   |                             |                          |                                |                                                   |                                                |                                         | Wed Aug 25 21:02:44 GMT 2021 |       |
|               | Diagnostic Status: Warning                                                           |                 |                                                                                   |                             |                          |                                |                                                   |                                                |                                         |                              |       |
|               | Scientific Instruments: WFC3/IR                                                      |                 |                                                                                   |                             |                          |                                |                                                   |                                                |                                         |                              |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 55.0D TO 55.0 D |                 |                                                                                   |                             |                          |                                |                                                   |                                                |                                         |                              |       |
| Diagnostics   | (COSMOS-F160W-V86 (9B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN          |                 |                                                                                   |                             |                          |                                |                                                   |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V86 (9B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |                          |                                |                                                   |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V86 (9B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |                          |                                |                                                   |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V86 (9B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |                          |                                |                                                   |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V86 (9B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |                          |                                |                                                   |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V86 (9B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |                          |                                |                                                   |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V86 (9B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |                          |                                |                                                   |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V86 (9B)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |                          |                                |                                                   |                                                |                                         |                              |       |
| Fixed Targets | #                                                                                    | Name            | Target Coordinates                                                                |                             | Targ. Coord. Corrections |                                | Fluxes                                            |                                                | Miscellaneous                           |                              |       |
|               | (86)                                                                                 | COSMOS-F160W-86 | RA: 10 01 46.4497 (150.4435404d)<br>Dec: +01 55 2.02 (1.91723d)<br>Equinox: J2000 |                             |                          |                                | V=25                                              |                                                | Reference Frame: ICRS                   |                              |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                      |                 |                                                                                   |                             |                          |                                |                                                   |                                                |                                         |                              |       |
| Exposures     | #                                                                                    | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.                                     | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                              | Orbit |
|               | 1                                                                                    |                 | (86) COSMOS-F160 W-86                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132.5,2 4.3                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V86 (9B) | 202.936411 Secs (202.936 Secs)<br>[==>] |                              | [1]   |
|               | 2                                                                                    |                 | (86) COSMOS-F160 W-86                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                   | Sequence 1-8 Non-Int in COSMOS-F160 W-V86 (9B) | 252.934546 Secs (252.935 Secs)<br>[==>] |                              | [1]   |
|               | 3                                                                                    |                 | (86) COSMOS-F160 W-86                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -262.5,5 1.6                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V86 (9B) | 202.936411 Secs (202.936 Secs)<br>[==>] |                              | [1]   |
|               | 4                                                                                    |                 | (86) COSMOS-F160 W-86                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -395.5,7 3.0                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V86 (9B) | 227.936926 Secs (227.937 Secs)<br>[==>] |                              | [1]   |
|               | 5                                                                                    |                 | (86) COSMOS-F160 W-86                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -395.6,-44.0                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V86 (9B) | 252.937441 Secs (252.937 Secs)<br>[==>] |                              | [1]   |
|               | 6                                                                                    |                 | (86) COSMOS-F160 W-86                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -262.7,-65.9                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V86 (9B) | 277.937956 Secs (277.938 Secs)<br>[==>] |                              | [1]   |
|               | 7                                                                                    |                 | (86) COSMOS-F160 W-86                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -133.01 43031193695,-114.5 3407360939036 | Sequence 1-8 Non-Int in COSMOS-F160 W-V86 (9B) | 177.935896 Secs (177.936 Secs)<br>[==>] |                              | [1]   |
|               | 8                                                                                    |                 | (86) COSMOS-F160 W-86                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -3.9,-11 8.8                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V86 (9B) | 177.935896 Secs (177.936 Secs)<br>[==>] |                              | [1]   |



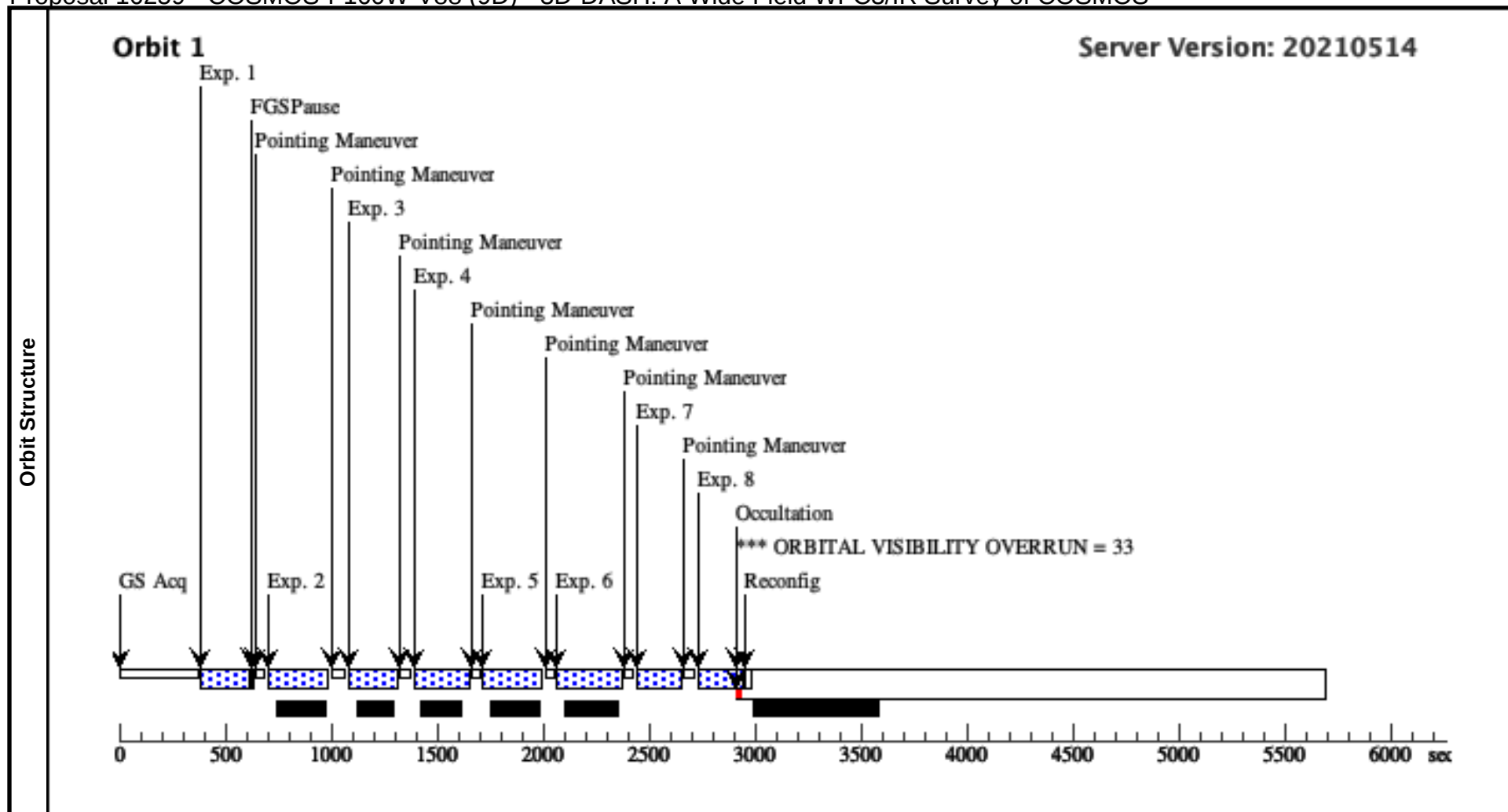
# Proposal 16259 - COSMOS-F160W-V87 (9C) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|-----|------------------------------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V87 (9C), completed                                     |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     | Wed Aug 25 21:02:44 GMT 2021 |
|                                                                 | Diagnostic Status: Warning                                                           |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | Scientific Instruments: WFC3/IR                                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 55.0D TO 55.0 D |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
| Diagnostics                                                     | (COSMOS-F160W-V87 (9C)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | (COSMOS-F160W-V87 (9C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | (COSMOS-F160W-V87 (9C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | (COSMOS-F160W-V87 (9C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | (COSMOS-F160W-V87 (9C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | (COSMOS-F160W-V87 (9C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | (COSMOS-F160W-V87 (9C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
|                                                                 | (COSMOS-F160W-V87 (9C)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
| Fixed Targets                                                   | #                                                                                    | Name                  | Target Coordinates                                                                 |                             |                                | Targ. Coord. Corrections       |                                                | Fluxes                                         | Miscellaneous                   |     |                              |
|                                                                 | (87)                                                                                 | COSMOS-F160W-87       | RA: 10 02 18.2586 (150.5760775d)<br>Dec: +01 49 13.26 (1.82035d)<br>Equinox: J2000 |                             |                                |                                |                                                | V=25                                           | Reference Frame: ICRS           |     |                              |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |     |                              |
| Exposures                                                       | #                                                                                    | Label                 | Target                                                                             | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |     | Orbit                        |
|                                                                 | 1                                                                                    |                       | (87) COSMOS-F160 W-87                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -131.7,2 0.7                          | Sequence 1-8 Non-Int in COSMOS-F160 W-V87 (9C) | 202.936411 Secs (202.936 Secs)  |     |                              |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |
|                                                                 | 2                                                                                    |                       | (87) COSMOS-F160 W-87                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V87 (9C) | 252.934546 Secs (252.935 Secs)  |     |                              |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |
|                                                                 | 3                                                                                    |                       | (87) COSMOS-F160 W-87                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -263.3,3 4.1                          | Sequence 1-8 Non-Int in COSMOS-F160 W-V87 (9C) | 202.936411 Secs (202.936 Secs)  |     |                              |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |
|                                                                 | 4                                                                                    |                       | (87) COSMOS-F160 W-87                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -395.3,6 7.1                          | Sequence 1-8 Non-Int in COSMOS-F160 W-V87 (9C) | 227.936926 Secs (227.937 Secs)  |     |                              |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |     | [1]                          |
|                                                                 | 5                                                                                    |                       | (87) COSMOS-F160 W-87                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -526.9,8 7.8                          | Sequence 1-8 Non-Int in COSMOS-F160 W-V87 (9C) | 252.937441 Secs (252.937 Secs)  |     |                              |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |
| 6                                                               |                                                                                      | (87) COSMOS-F160 W-87 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -396.3,- 49.7         | Sequence 1-8 Non-Int in COSMOS-F160 W-V87 (9C) | 277.937956 Secs (277.938 Secs)                 |                                 |     |                              |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |
| 7                                                               |                                                                                      | (87) COSMOS-F160 W-87 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -264.4,- 82.7         | Sequence 1-8 Non-Int in COSMOS-F160 W-V87 (9C) | 177.935896 Secs (177.936 Secs)                 |                                 |     |                              |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |
| 8                                                               |                                                                                      | (87) COSMOS-F160 W-87 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -132.7,- 96.1         | Sequence 1-8 Non-Int in COSMOS-F160 W-V87 (9C) | 177.935896 Secs (177.936 Secs)                 |                                 |     |                              |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1] |                              |



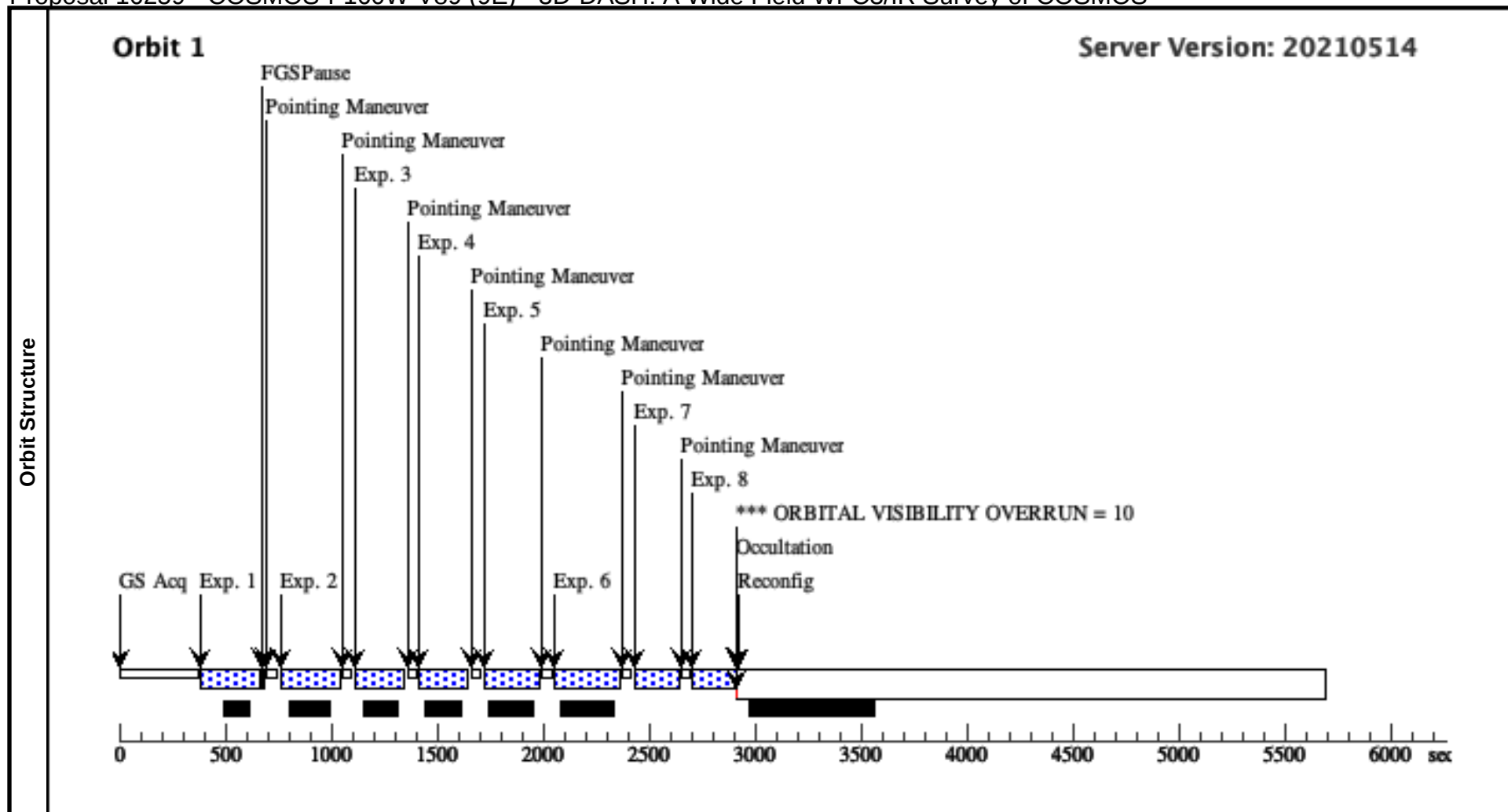
# Proposal 16259 - COSMOS-F160W-V88 (9D) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                      |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |
|---------------|--------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|------------------------|------------------------------------------------|-----------------------------------------|--|------------------------------|
| Visit         | Proposal 16259, COSMOS-F160W-V88 (9D), completed                                     |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  | Wed Aug 25 21:02:44 GMT 2021 |
|               | Diagnostic Status: Warning                                                           |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |
|               | Scientific Instruments: WFC3/IR                                                      |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 55.0D TO 55.0 D |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |
| Diagnostics   | (COSMOS-F160W-V88 (9D)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V88 (9D)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V88 (9D)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V88 (9D)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V88 (9D)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V88 (9D)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V88 (9D)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |
|               | (COSMOS-F160W-V88 (9D)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |
| Fixed Targets | #                                                                                    | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                        | Fluxes                                         | Miscellaneous                           |  |                              |
|               | (88)                                                                                 | COSMOS-F160W-88 | RA: 10 02 1.8826 (150.5078442d)<br>Dec: +01 45 27.25 (1.75757d)<br>Equinox: J2000 |                             |               |                                |                        | V=25                                           | Reference Frame: ICRS                   |  |                              |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                      |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |
|               |                                                                                      |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |
| Exposures     | #                                                                                    | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.          | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit                        |
|               | 1                                                                                    |                 | (88) COSMOS-F160 W-88                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -130.8,3 2.8  | Sequence 1-8 Non-Int in COSMOS-F160 W-V88 (9D) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|               | 2                                                                                    |                 | (88) COSMOS-F160 W-88                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                        | Sequence 1-8 Non-Int in COSMOS-F160 W-V88 (9D) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]                          |
|               | 3                                                                                    |                 | (88) COSMOS-F160 W-88                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -262.8,1 73.5 | Sequence 1-8 Non-Int in COSMOS-F160 W-V88 (9D) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]                          |
|               | 4                                                                                    |                 | (88) COSMOS-F160 W-88                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -394.5,3 11.3 | Sequence 1-8 Non-Int in COSMOS-F160 W-V88 (9D) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]                          |
|               | 5                                                                                    |                 | (88) COSMOS-F160 W-88                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -395.5,1 94.5 | Sequence 1-8 Non-Int in COSMOS-F160 W-V88 (9D) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]                          |
|               | 6                                                                                    |                 | (88) COSMOS-F160 W-88                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -395.2,7 4.4  | Sequence 1-8 Non-Int in COSMOS-F160 W-V88 (9D) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]                          |
|               | 7                                                                                    |                 | (88) COSMOS-F160 W-88                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -262.4,5 3.5  | Sequence 1-8 Non-Int in COSMOS-F160 W-V88 (9D) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|               | 8                                                                                    |                 | (88) COSMOS-F160 W-88                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -396.3,- 42.4 | Sequence 1-8 Non-Int in COSMOS-F160 W-V88 (9D) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]                          |
|               |                                                                                      |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |  |                              |



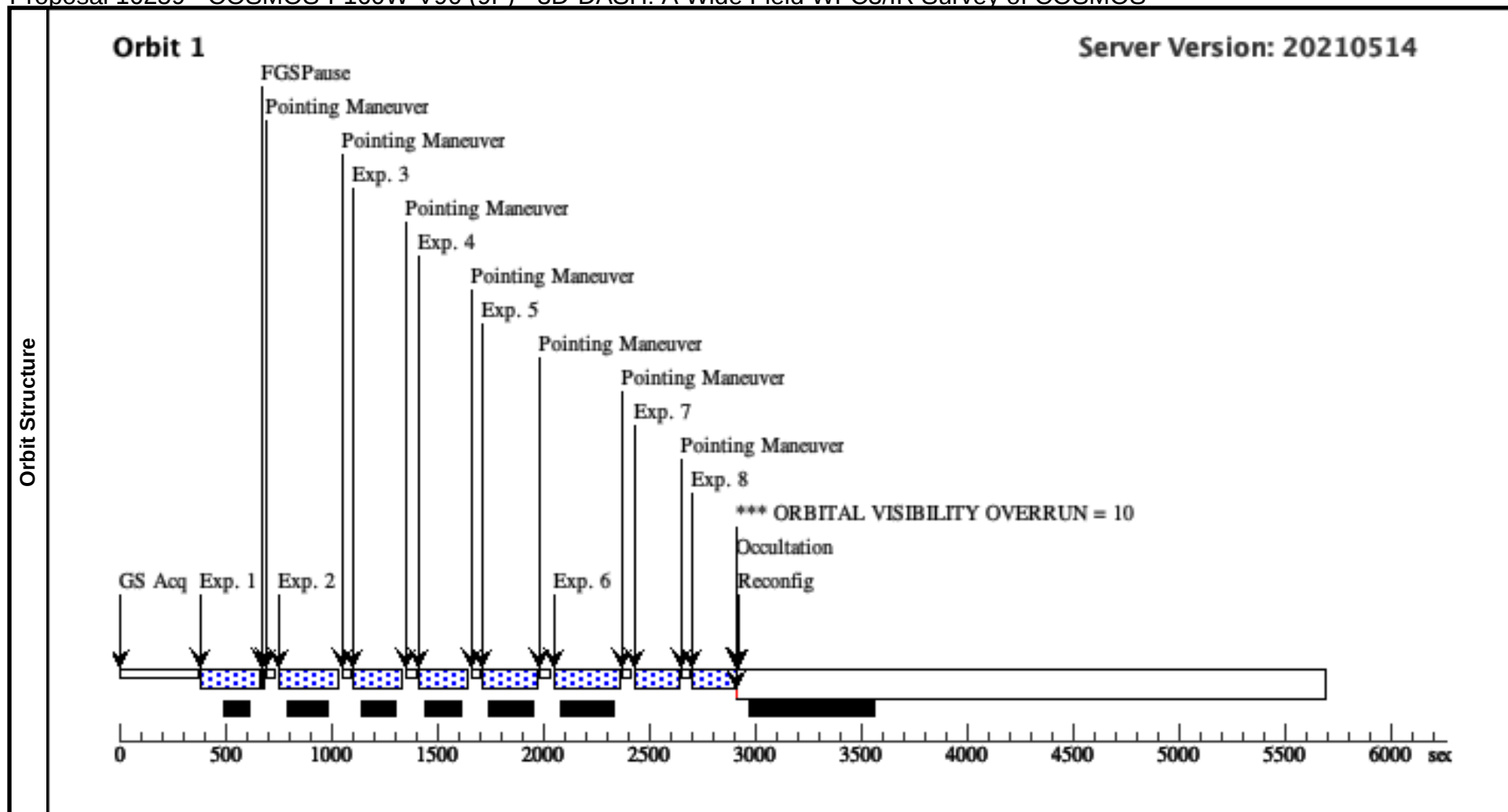
# Proposal 16259 - COSMOS-F160W-V89 (9E) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                      |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|-----------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V89 (9E), completed                                     |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       | Wed Aug 25 21:02:44 GMT 2021 |  |
|                                                                 | Diagnostic Status: Warning                                                           |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                      |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 55.0D TO 55.0 D |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
| Diagnostics                                                     | (COSMOS-F160W-V89 (9E)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN          |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V89 (9E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V89 (9E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V89 (9E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V89 (9E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V89 (9E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V89 (9E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
|                                                                 | (COSMOS-F160W-V89 (9E)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
| Fixed Targets                                                   | #                                                                                    | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                       | Fluxes                                         |                                         | Miscellaneous         |                              |  |
|                                                                 | (89)                                                                                 | COSMOS-F160W-89 | RA: 10 01 46.0245 (150.4417688d)<br>Dec: +01 46 6.69 (1.76852d)<br>Equinox: J2000 |                             |               |                                |                       | V=25                                           |                                         | Reference Frame: ICRS |                              |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                      |                 |                                                                                   |                             |               |                                |                       |                                                |                                         |                       |                              |  |
| Exposures                                                       | #                                                                                    | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.         | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |
|                                                                 | 1                                                                                    |                 | (89) COSMOS-F160 W-89                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -129.4,156.9 | Sequence 1-8 Non-Int in COSMOS-F160 W-V89 (9E) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 2                                                                                    |                 | (89) COSMOS-F160 W-89                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                       | Sequence 1-8 Non-Int in COSMOS-F160 W-V89 (9E) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 3                                                                                    |                 | (89) COSMOS-F160 W-89                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -0.1,-117.0  | Sequence 1-8 Non-Int in COSMOS-F160 W-V89 (9E) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 4                                                                                    |                 | (89) COSMOS-F160 W-89                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -130.9,-84.3 | Sequence 1-8 Non-Int in COSMOS-F160 W-V89 (9E) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 5                                                                                    |                 | (89) COSMOS-F160 W-89                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -130.8,32.8  | Sequence 1-8 Non-Int in COSMOS-F160 W-V89 (9E) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 6                                                                                    |                 | (89) COSMOS-F160 W-89                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -261.1,177.7 | Sequence 1-8 Non-Int in COSMOS-F160 W-V89 (9E) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 7                                                                                    |                 | (89) COSMOS-F160 W-89                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -262.4,53.5  | Sequence 1-8 Non-Int in COSMOS-F160 W-V89 (9E) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |
|                                                                 | 8                                                                                    |                 | (89) COSMOS-F160 W-89                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -262.6,-63.5 | Sequence 1-8 Non-Int in COSMOS-F160 W-V89 (9E) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |



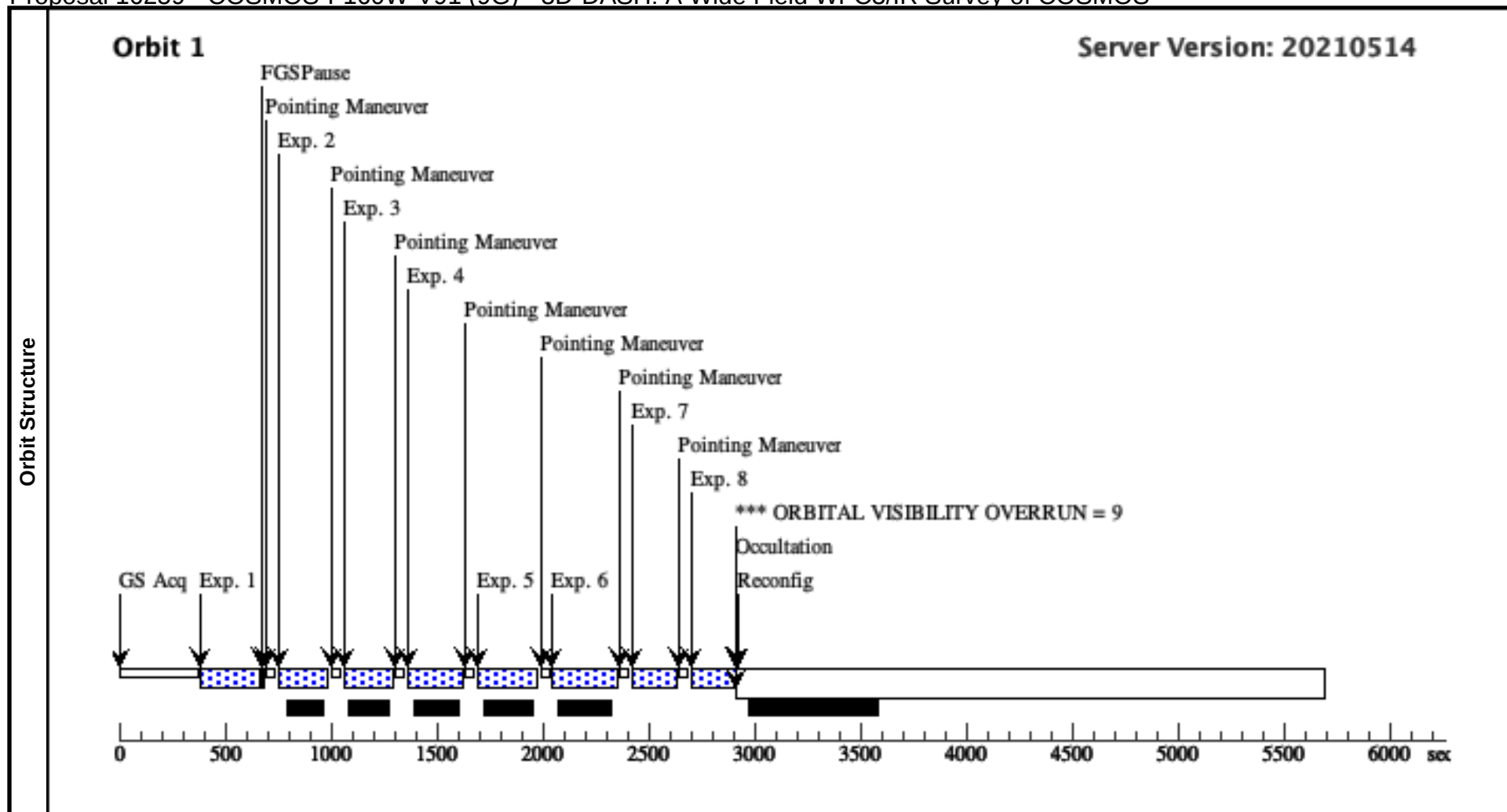
# Proposal 16259 - COSMOS-F160W-V90 (9F) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                      |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------|---------------------------------------------------|------------------------------------------------|-----------------------------------------|--|-------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V90 (9F), completed                                     |                 |                                                                                    |                             |                          |                                |                                                   |                                                | Wed Aug 25 21:02:45 GMT 2021            |  |       |
|                                                                 | Diagnostic Status: Warning                                                           |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|                                                                 | Scientific Instruments: WFC3/IR                                                      |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 55.0D TO 55.0 D |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
| Diagnostics                                                     | (COSMOS-F160W-V90 (9F)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN          |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|                                                                 | (COSMOS-F160W-V90 (9F)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|                                                                 | (COSMOS-F160W-V90 (9F)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|                                                                 | (COSMOS-F160W-V90 (9F)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|                                                                 | (COSMOS-F160W-V90 (9F)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|                                                                 | (COSMOS-F160W-V90 (9F)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|                                                                 | (COSMOS-F160W-V90 (9F)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
|                                                                 | (COSMOS-F160W-V90 (9F)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
| Fixed Targets                                                   | #                                                                                    | Name            | Target Coordinates                                                                 |                             | Targ. Coord. Corrections |                                | Fluxes                                            |                                                | Miscellaneous                           |  |       |
|                                                                 | (90)                                                                                 | COSMOS-F160W-90 | RA: 10 01 38.6500 (150.4110417d)<br>Dec: +01 39 44.73 (1.66242d)<br>Equinox: J2000 |                             |                          |                                | V=25                                              |                                                | Reference Frame: ICRS                   |  |       |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                      |                 |                                                                                    |                             |                          |                                |                                                   |                                                |                                         |  |       |
| Exposures                                                       | #                                                                                    | Label           | Target                                                                             | Config,Mode,Aperture        | Spectral Els.            | Opt. Params.                   | Special Reqs.                                     | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|                                                                 | 1                                                                                    |                 | (90) COSMOS-F160 W-90                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -131.8,-39.7;<br>GS ACQ SCENARIO BASE1B3 | Sequence 1-8 Non-Int in COSMOS-F160 W-V90 (9F) | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|                                                                 | 2                                                                                    |                 | (90) COSMOS-F160 W-90                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                   | Sequence 1-8 Non-Int in COSMOS-F160 W-V90 (9F) | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|                                                                 | 3                                                                                    |                 | (90) COSMOS-F160 W-90                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 0.1,117.0                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V90 (9F) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 4                                                                                    |                 | (90) COSMOS-F160 W-90                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -131.1,197.2                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V90 (9F) | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 5                                                                                    |                 | (90) COSMOS-F160 W-90                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -132.2,80.3                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V90 (9F) | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|                                                                 | 6                                                                                    |                 | (90) COSMOS-F160 W-90                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -54.2,-120.5                             | Sequence 1-8 Non-Int in COSMOS-F160 W-V90 (9F) | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|                                                                 | 7                                                                                    |                 | (90) COSMOS-F160 W-90                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -185.4,-154.9                            | Sequence 1-8 Non-Int in COSMOS-F160 W-V90 (9F) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 8                                                                                    |                 | (90) COSMOS-F160 W-90                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -185.1,-274.9                            | Sequence 1-8 Non-Int in COSMOS-F160 W-V90 (9F) | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |



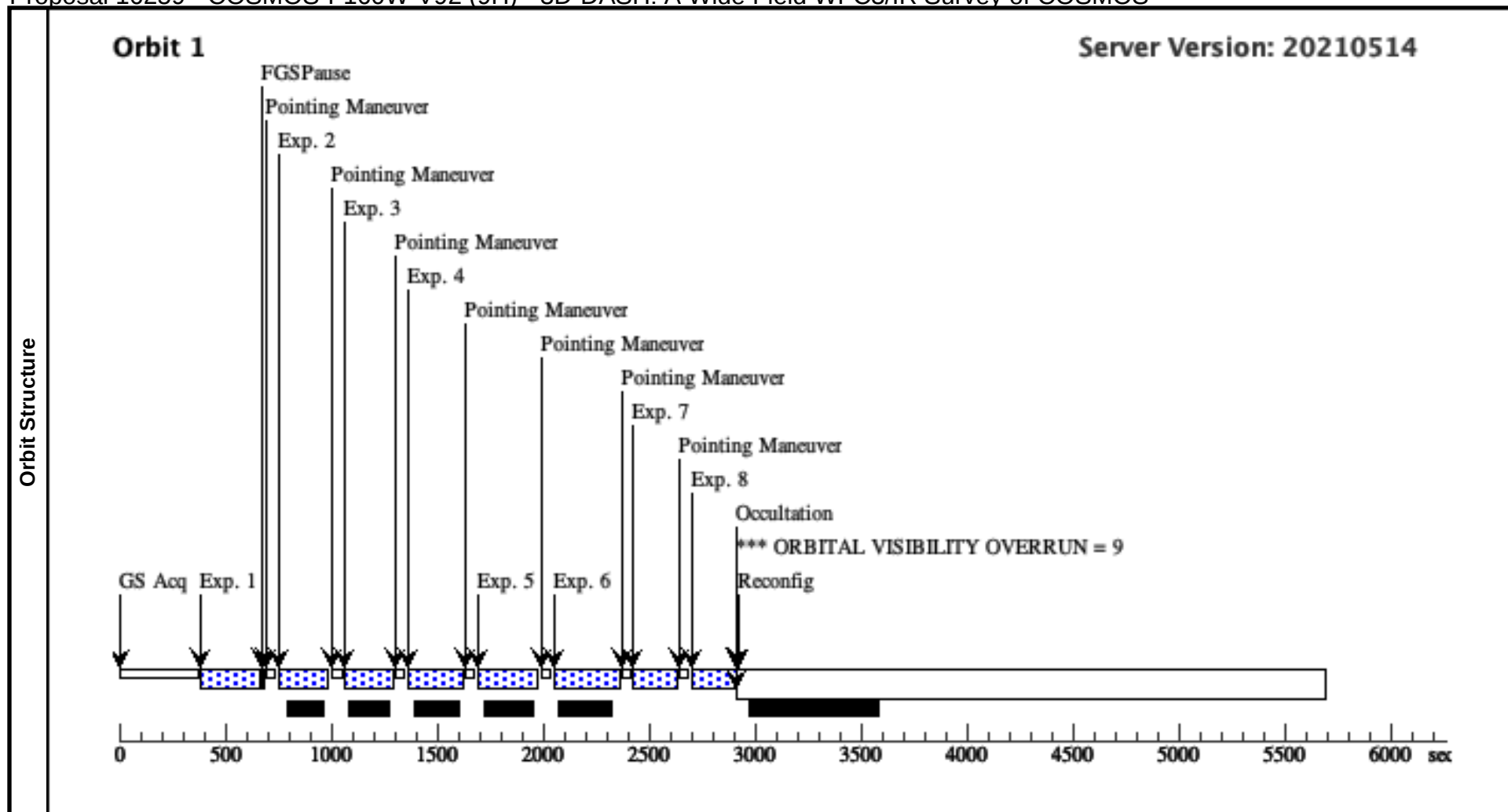
# Proposal 16259 - COSMOS-F160W-V91 (9G) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                      |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         |                              |       |
|---------------|--------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|--|--------------------------|--------------------------------|--------------------------------------------------|------------------------------------------------|-----------------------------------------|------------------------------|-------|
| Visit         | Proposal 16259, COSMOS-F160W-V91 (9G), scheduling                                    |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         | Wed Aug 25 21:02:45 GMT 2021 |       |
|               | Diagnostic Status: Warning                                                           |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         |                              |       |
|               | Scientific Instruments: WFC3/IR                                                      |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         |                              |       |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 55.0D TO 55.0 D |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         |                              |       |
| Diagnostics   | (COSMOS-F160W-V91 (9G)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN          |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V91 (9G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V91 (9G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V91 (9G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V91 (9G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V91 (9G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V91 (9G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         |                              |       |
|               | (COSMOS-F160W-V91 (9G)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         |                              |       |
| Fixed Targets | #                                                                                    | Name            | Target Coordinates                                                                |                             |  | Targ. Coord. Corrections |                                |                                                  | Fluxes                                         |                                         | Miscellaneous                |       |
|               | (91)                                                                                 | COSMOS-F160W-91 | RA: 10 01 0.5795 (150.2524146d)<br>Dec: +02 25 34.27 (2.42619d)<br>Equinox: J2000 |                             |  |                          |                                |                                                  | V=25                                           |                                         | Reference Frame: ICRS        |       |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                      |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         |                              |       |
|               |                                                                                      |                 |                                                                                   |                             |  |                          |                                |                                                  |                                                |                                         |                              |       |
| Exposures     | #                                                                                    | Label           | Target                                                                            | Config,Mode,Aperture        |  | Spectral Els.            | Opt. Params.                   | Special Reqs.                                    | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                              | Orbit |
|               | 1                                                                                    |                 | (91) COSMOS-F160 W-91                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=6;<br>SAMP-SEQ=SPAR S50  | POS TARG null,-13                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V91 (9G) | 252.934546 Secs (252.935 Secs)<br>[==>] |                              | [1]   |
|               | 2                                                                                    |                 | (91) COSMOS-F160 W-91                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 129.7,-3 6.5                            | Sequence 1-8 Non-Int in COSMOS-F160 W-V91 (9G) | 202.936411 Secs (202.936 Secs)<br>[==>] |                              | [1]   |
|               | 3                                                                                    |                 | (91) COSMOS-F160 W-91                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 260.667 01437268995,-61.83 356991785983 | Sequence 1-8 Non-Int in COSMOS-F160 W-V91 (9G) | 202.936411 Secs (202.936 Secs)<br>[==>] |                              | [1]   |
|               | 4                                                                                    |                 | (91) COSMOS-F160 W-91                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG 392.3,-5 0.4                            | Sequence 1-8 Non-Int in COSMOS-F160 W-V91 (9G) | 227.936926 Secs (227.937 Secs)<br>[==>] |                              | [1]   |
|               | 5                                                                                    |                 | (91) COSMOS-F160 W-91                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG 526.044 5627208103,-72.724 891205428    | Sequence 1-8 Non-Int in COSMOS-F160 W-V91 (9G) | 252.937441 Secs (252.937 Secs)<br>[==>] |                              | [1]   |
|               | 6                                                                                    |                 | (91) COSMOS-F160 W-91                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG 661.290 4837932348,-99.369 88189344956  | Sequence 1-8 Non-Int in COSMOS-F160 W-V91 (9G) | 277.937956 Secs (277.938 Secs)<br>[==>] |                              | [1]   |
|               | 7                                                                                    |                 | (91) COSMOS-F160 W-91                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 794.6,-1 27.6                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V91 (9G) | 177.935896 Secs (177.936 Secs)<br>[==>] |                              | [1]   |
|               | 8                                                                                    |                 | (91) COSMOS-F160 W-91                                                             | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG 926.2,-1 31.8                           | Sequence 1-8 Non-Int in COSMOS-F160 W-V91 (9G) | 177.935896 Secs (177.936 Secs)<br>[==>] |                              | [1]   |



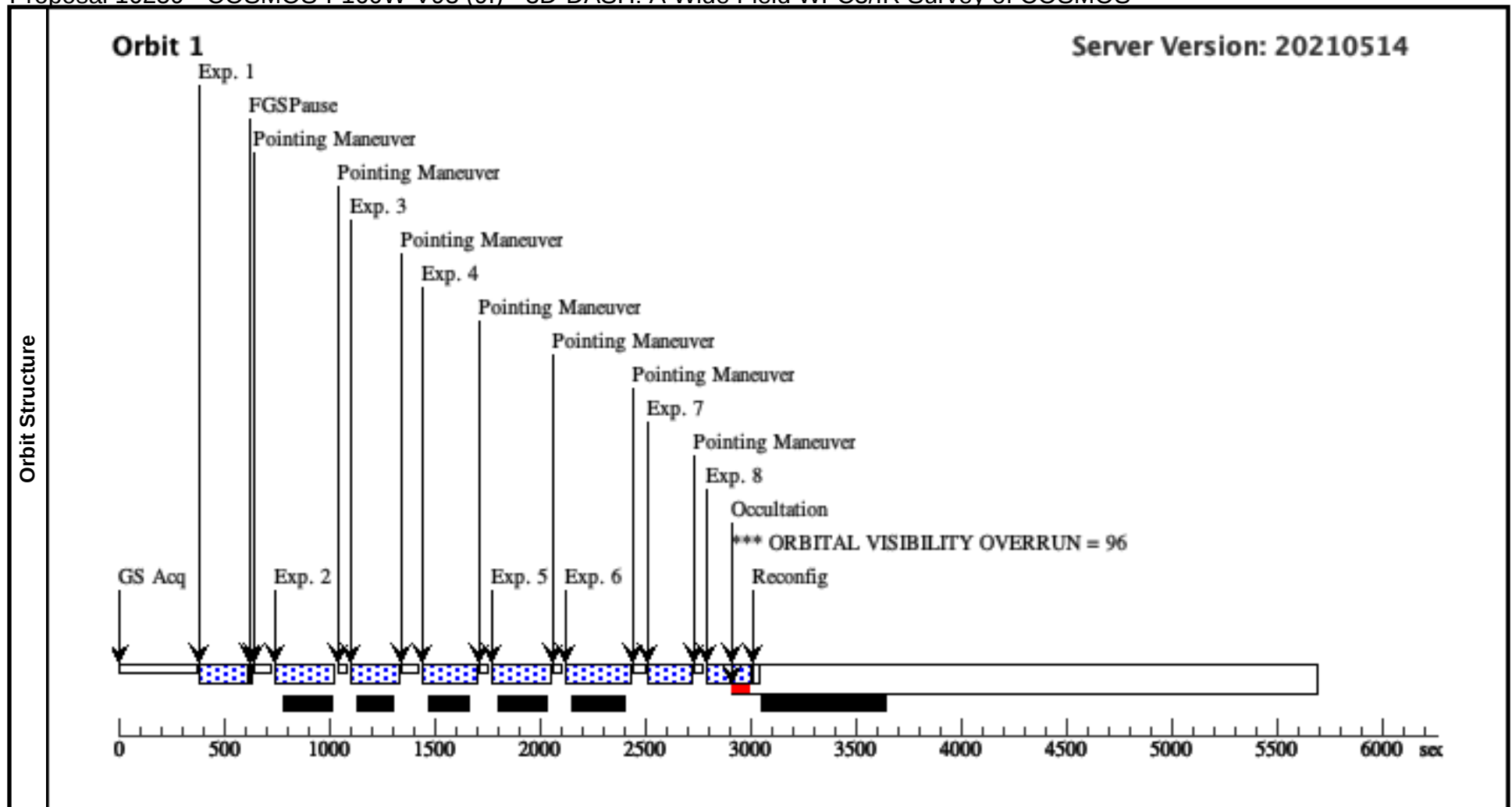
# Proposal 16259 - COSMOS-F160W-V92 (9H) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                      |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |  |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|------------------------|------------------------------------------------|-----------------------------------------|-----------------------|------------------------------|--|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V92 (9H), completed                                     |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       | Wed Aug 25 21:02:45 GMT 2021 |  |  |
|                                                                 | Diagnostic Status: Warning                                                           |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                      |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 55.0D TO 55.0 D |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |  |
| Diagnostics                                                     | (COSMOS-F160W-V92 (9H)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |  |
|                                                                 | (COSMOS-F160W-V92 (9H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |  |
|                                                                 | (COSMOS-F160W-V92 (9H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |  |
|                                                                 | (COSMOS-F160W-V92 (9H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |  |
|                                                                 | (COSMOS-F160W-V92 (9H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |  |
|                                                                 | (COSMOS-F160W-V92 (9H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |  |
|                                                                 | (COSMOS-F160W-V92 (9H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |  |
|                                                                 | (COSMOS-F160W-V92 (9H)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |  |
| Fixed Targets                                                   | #                                                                                    | Name            | Target Coordinates                                                                |                             |               | Targ. Coord. Corrections       |                        | Fluxes                                         |                                         | Miscellaneous         |                              |  |  |
|                                                                 | (92)                                                                                 | COSMOS-F160W-92 | RA: 10 01 0.7410 (150.2530875d)<br>Dec: +02 23 17.13 (2.38809d)<br>Equinox: J2000 |                             |               |                                |                        | V=25                                           |                                         | Reference Frame: ICRS |                              |  |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                      |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |                       |                              |  |  |
| Exposures                                                       | #                                                                                    | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.          | Groups                                         | Exp. Time (Total)/[Actual Dur.]         |                       | Orbit                        |  |  |
|                                                                 | 1                                                                                    |                 | (92) COSMOS-F160 W-92                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                        | Sequence 1-8 Non-Int in COSMOS-F160 W-V92 (9H) | 252.934546 Secs (252.935 Secs)<br>[==>] |                       | [1]                          |  |  |
|                                                                 | 2                                                                                    |                 | (92) COSMOS-F160 W-92                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -132.2,1 9.4  | Sequence 1-8 Non-Int in COSMOS-F160 W-V92 (9H) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |  |
|                                                                 | 3                                                                                    |                 | (92) COSMOS-F160 W-92                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -272.8,5 3.7  | Sequence 1-8 Non-Int in COSMOS-F160 W-V92 (9H) | 202.936411 Secs (202.936 Secs)<br>[==>] |                       | [1]                          |  |  |
|                                                                 | 4                                                                                    |                 | (92) COSMOS-F160 W-92                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -405.0,7 3.1  | Sequence 1-8 Non-Int in COSMOS-F160 W-V92 (9H) | 227.936926 Secs (227.937 Secs)<br>[==>] |                       | [1]                          |  |  |
|                                                                 | 5                                                                                    |                 | (92) COSMOS-F160 W-92                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -537.5,9 6.4  | Sequence 1-8 Non-Int in COSMOS-F160 W-V92 (9H) | 252.937441 Secs (252.937 Secs)<br>[==>] |                       | [1]                          |  |  |
|                                                                 | 6                                                                                    |                 | (92) COSMOS-F160 W-92                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -670.6,1 29.7 | Sequence 1-8 Non-Int in COSMOS-F160 W-V92 (9H) | 277.937956 Secs (277.938 Secs)<br>[==>] |                       | [1]                          |  |  |
|                                                                 | 7                                                                                    |                 | (92) COSMOS-F160 W-92                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -800.4,1 30.2 | Sequence 1-8 Non-Int in COSMOS-F160 W-V92 (9H) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |  |
|                                                                 | 8                                                                                    |                 | (92) COSMOS-F160 W-92                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -932.6,1 49.6 | Sequence 1-8 Non-Int in COSMOS-F160 W-V92 (9H) | 177.935896 Secs (177.936 Secs)<br>[==>] |                       | [1]                          |  |  |



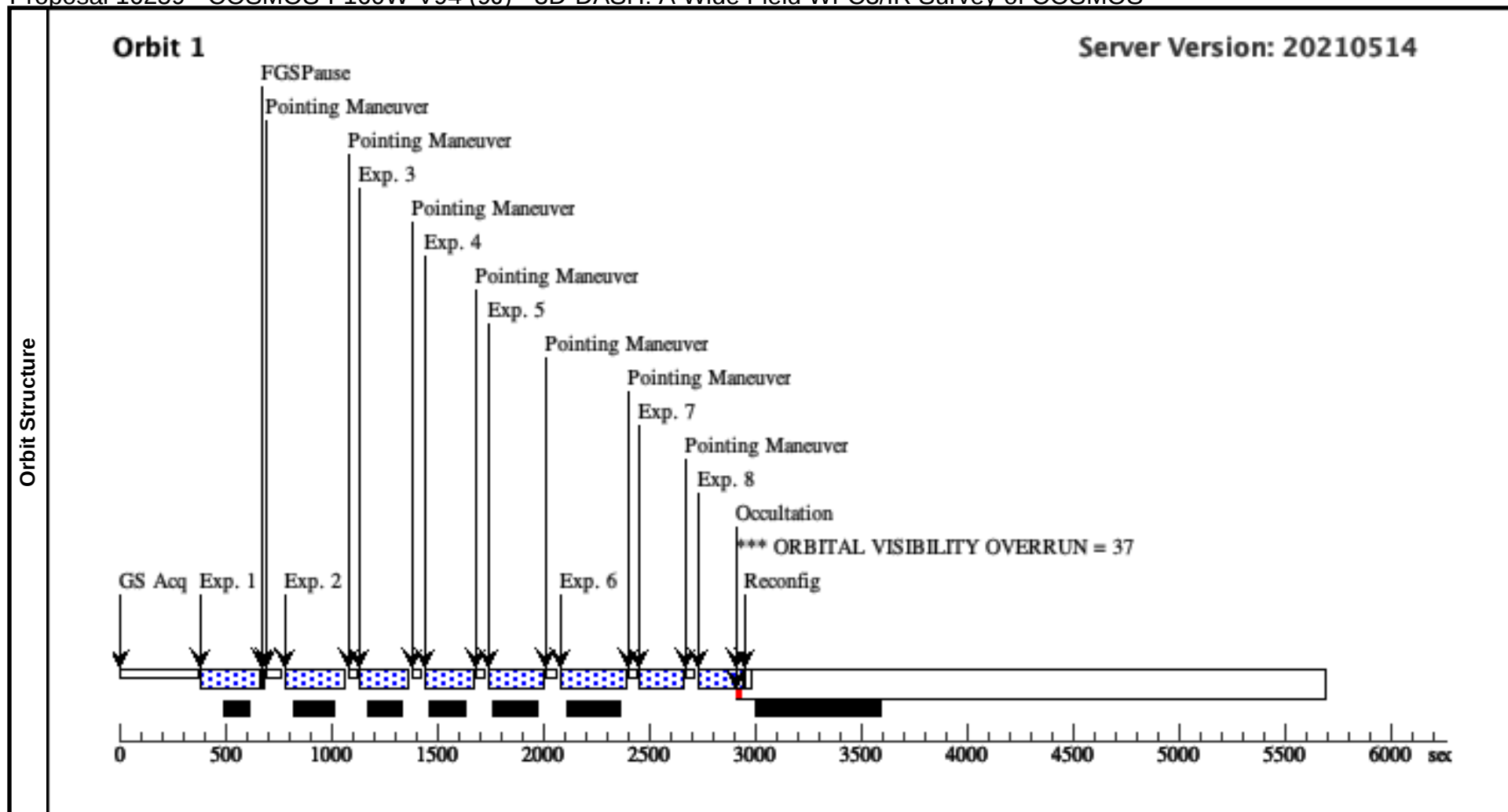
# Proposal 16259 - COSMOS-F160W-V93 (9I) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                      |                 |                                                                                    |                             |  |                          |  |                                |        |                         |                              |                                                |  |                                         |  |       |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|--|--------------------------|--|--------------------------------|--------|-------------------------|------------------------------|------------------------------------------------|--|-----------------------------------------|--|-------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V93 (9I), completed                                     |                 |                                                                                    |                             |  |                          |  |                                |        |                         | Wed Aug 25 21:02:45 GMT 2021 |                                                |  |                                         |  |       |
|                                                                 | Diagnostic Status: Warning                                                           |                 |                                                                                    |                             |  |                          |  |                                |        |                         |                              |                                                |  |                                         |  |       |
|                                                                 | Scientific Instruments: WFC3/IR                                                      |                 |                                                                                    |                             |  |                          |  |                                |        |                         |                              |                                                |  |                                         |  |       |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 55.0D TO 55.0 D |                 |                                                                                    |                             |  |                          |  |                                |        |                         |                              |                                                |  |                                         |  |       |
| Diagnostics                                                     | (COSMOS-F160W-V93 (9I)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN          |                 |                                                                                    |                             |  |                          |  |                                |        |                         |                              |                                                |  |                                         |  |       |
|                                                                 | (COSMOS-F160W-V93 (9I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |  |                          |  |                                |        |                         |                              |                                                |  |                                         |  |       |
|                                                                 | (COSMOS-F160W-V93 (9I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |  |                          |  |                                |        |                         |                              |                                                |  |                                         |  |       |
|                                                                 | (COSMOS-F160W-V93 (9I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |  |                          |  |                                |        |                         |                              |                                                |  |                                         |  |       |
|                                                                 | (COSMOS-F160W-V93 (9I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |  |                          |  |                                |        |                         |                              |                                                |  |                                         |  |       |
|                                                                 | (COSMOS-F160W-V93 (9I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |  |                          |  |                                |        |                         |                              |                                                |  |                                         |  |       |
|                                                                 | (COSMOS-F160W-V93 (9I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |  |                          |  |                                |        |                         |                              |                                                |  |                                         |  |       |
|                                                                 | (COSMOS-F160W-V93 (9I)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |  |                          |  |                                |        |                         |                              |                                                |  |                                         |  |       |
| Fixed Targets                                                   | #                                                                                    | Name            | Target Coordinates                                                                 |                             |  | Targ. Coord. Corrections |  |                                | Fluxes |                         | Miscellaneous                |                                                |  |                                         |  |       |
|                                                                 | (93)                                                                                 | COSMOS-F160W-93 | RA: 10 00 59.7654 (150.2490225d)<br>Dec: +02 05 18.26 (2.08841d)<br>Equinox: J2000 |                             |  |                          |  |                                | V=25   |                         | Reference Frame: ICRS        |                                                |  |                                         |  |       |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                      |                 |                                                                                    |                             |  |                          |  |                                |        |                         |                              |                                                |  |                                         |  |       |
| Exposures                                                       | #                                                                                    | Label           | Target                                                                             | Config,Mode,Aperture        |  | Spectral Els.            |  | Opt. Params.                   |        | Special Reqs.           |                              | Groups                                         |  | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |
|                                                                 | 1                                                                                    |                 | (93) COSMOS-F160 W-93                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |        | POS TARG -445.2,9 4.1   |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V93 (9I) |  | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 2                                                                                    |                 | (93) COSMOS-F160 W-93                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |        |                         |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V93 (9I) |  | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |
|                                                                 | 3                                                                                    |                 | (93) COSMOS-F160 W-93                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |        | POS TARG -133.2,3 3.2   |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V93 (9I) |  | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 4                                                                                    |                 | (93) COSMOS-F160 W-93                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=10;<br>SAMP-SEQ=SPAR S25 |        | POS TARG -577.3,1 13.5  |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V93 (9I) |  | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |
|                                                                 | 5                                                                                    |                 | (93) COSMOS-F160 W-93                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=11;<br>SAMP-SEQ=SPAR S25 |        | POS TARG -709.8,1 36.8  |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V93 (9I) |  | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |
|                                                                 | 6                                                                                    |                 | (93) COSMOS-F160 W-93                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=12;<br>SAMP-SEQ=SPAR S25 |        | POS TARG -843.0,1 70.1  |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V93 (9I) |  | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |
|                                                                 | 7                                                                                    |                 | (93) COSMOS-F160 W-93                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |        | POS TARG -1097.3, 207.6 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V93 (9I) |  | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |
|                                                                 | 8                                                                                    |                 | (93) COSMOS-F160 W-93                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |        | POS TARG -1230.2, 220.2 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V93 (9I) |  | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |



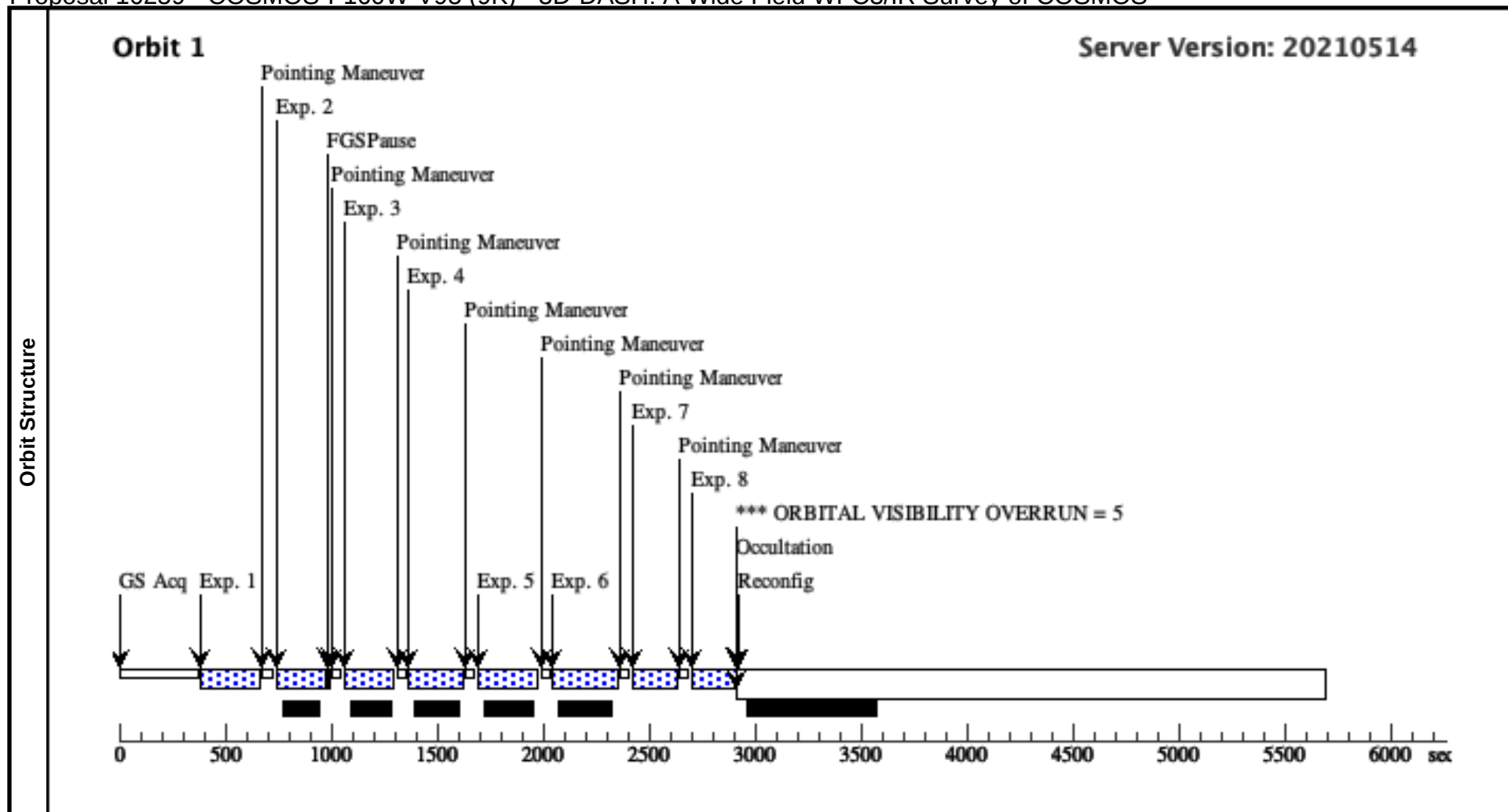
# Proposal 16259 - COSMOS-F160W-V94 (9J) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                      |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |       |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------|---------------|--------------------------------|------------------------|------------------------------------------------|-----------------------------------------|-------|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V94 (9J), completed                                     |                 |                                                                                   |                             |               | Wed Aug 25 21:02:45 GMT 2021   |                        |                                                |                                         |       |
|                                                                 | Diagnostic Status: Warning                                                           |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |       |
|                                                                 | Scientific Instruments: WFC3/IR                                                      |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |       |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 55.0D TO 55.0 D |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |       |
| Diagnostics                                                     | (COSMOS-F160W-V94 (9J)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN          |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V94 (9J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V94 (9J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V94 (9J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V94 (9J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V94 (9J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V94 (9J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |       |
|                                                                 | (COSMOS-F160W-V94 (9J)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |       |
| Fixed Targets                                                   | #                                                                                    | Name            | Target Coordinates                                                                | Targ. Coord. Corrections    | Fluxes        | Miscellaneous                  |                        |                                                |                                         |       |
|                                                                 | (94)                                                                                 | COSMOS-F160W-94 | RA: 10 01 0.0470 (150.2501958d)<br>Dec: +01 42 15.01 (1.70417d)<br>Equinox: J2000 |                             | V=25          | Reference Frame: ICRS          |                        |                                                |                                         |       |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                      |                 |                                                                                   |                             |               |                                |                        |                                                |                                         |       |
| Exposures                                                       | #                                                                                    | Label           | Target                                                                            | Config,Mode,Aperture        | Spectral Els. | Opt. Params.                   | Special Reqs.          | Groups                                         | Exp. Time (Total)/[Actual Dur.]         | Orbit |
|                                                                 | 1                                                                                    |                 | (94) COSMOS-F160 W-94                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -148.5,-342.3 | Sequence 1-8 Non-Int in COSMOS-F160 W-V94 (9J) | 252.937441 Secs (252.937 Secs)<br>[==>] | [1]   |
|                                                                 | 2                                                                                    |                 | (94) COSMOS-F160 W-94                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                        | Sequence 1-8 Non-Int in COSMOS-F160 W-V94 (9J) | 252.934546 Secs (252.935 Secs)<br>[==>] | [1]   |
|                                                                 | 3                                                                                    |                 | (94) COSMOS-F160 W-94                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -129.4,13.0   | Sequence 1-8 Non-Int in COSMOS-F160 W-V94 (9J) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |
|                                                                 | 4                                                                                    |                 | (94) COSMOS-F160 W-94                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -114.7,-107.4 | Sequence 1-8 Non-Int in COSMOS-F160 W-V94 (9J) | 202.936411 Secs (202.936 Secs)<br>[==>] | [1]   |
|                                                                 | 5                                                                                    |                 | (94) COSMOS-F160 W-94                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -131.6,-225.2 | Sequence 1-8 Non-Int in COSMOS-F160 W-V94 (9J) | 227.936926 Secs (227.937 Secs)<br>[==>] | [1]   |
|                                                                 | 6                                                                                    |                 | (94) COSMOS-F160 W-94                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -167.9,-463.1 | Sequence 1-8 Non-Int in COSMOS-F160 W-V94 (9J) | 277.937956 Secs (277.938 Secs)<br>[==>] | [1]   |
|                                                                 | 7                                                                                    |                 | (94) COSMOS-F160 W-94                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -175.4,-581.7 | Sequence 1-8 Non-Int in COSMOS-F160 W-V94 (9J) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |
|                                                                 | 8                                                                                    |                 | (94) COSMOS-F160 W-94                                                             | WFC3/IR, MULTIACCUM, IR-FIX | F160W         | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -218.5,-696.5 | Sequence 1-8 Non-Int in COSMOS-F160 W-V94 (9J) | 177.935896 Secs (177.936 Secs)<br>[==>] | [1]   |



# Proposal 16259 - COSMOS-F160W-V95 (9K) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |  |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|-----------------------|------------------------------|--|--|
| Visit                                                           | Proposal 16259, COSMOS-F160W-V95 (9K), completed                                     |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       | Wed Aug 25 21:02:45 GMT 2021 |  |  |
|                                                                 | Diagnostic Status: Warning                                                           |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |  |
|                                                                 | Scientific Instruments: WFC3/IR                                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |  |
|                                                                 | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 55.0D TO 55.0 D |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |  |
| Diagnostics                                                     | (COSMOS-F160W-V95 (9K)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN          |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |  |
|                                                                 | (COSMOS-F160W-V95 (9K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |  |
|                                                                 | (COSMOS-F160W-V95 (9K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |  |
|                                                                 | (COSMOS-F160W-V95 (9K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |  |
|                                                                 | (COSMOS-F160W-V95 (9K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |  |
|                                                                 | (COSMOS-F160W-V95 (9K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |  |
|                                                                 | (COSMOS-F160W-V95 (9K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |  |
|                                                                 | (COSMOS-F160W-V95 (9K)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |  |
| Fixed Targets                                                   | #                                                                                    | Name                  | Target Coordinates                                                                 |                             |                                | Targ. Coord. Corrections       |                                                | Fluxes                                         |                                 | Miscellaneous         |                              |  |  |
|                                                                 | (95)                                                                                 | COSMOS-F160W-95       | RA: 10 00 58.2831 (150.2428463d)<br>Dec: +01 37 53.23 (1.63145d)<br>Equinox: J2000 |                             |                                |                                |                                                | V=25                                           |                                 | Reference Frame: ICRS |                              |  |  |
| Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD] |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                |                                 |                       |                              |  |  |
| Exposures                                                       | #                                                                                    | Label                 | Target                                                                             | Config,Mode,Aperture        | Spectral Els.                  | Opt. Params.                   | Special Reqs.                                  | Groups                                         | Exp. Time (Total)/[Actual Dur.] |                       | Orbit                        |  |  |
|                                                                 | 1                                                                                    |                       | (95) COSMOS-F160 W-95                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |                                                | Sequence 1-8 Non-Int in COSMOS-F160 W-V95 (9K) | 252.934546 Secs (252.935 Secs)  |                       |                              |  |  |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |  |  |
|                                                                 | 2                                                                                    |                       | (95) COSMOS-F160 W-95                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG 14.1,-12 0.7                          | Sequence 1-8 Non-Int in COSMOS-F160 W-V95 (9K) | 202.936411 Secs (202.936 Secs)  |                       |                              |  |  |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |  |  |
|                                                                 | 3                                                                                    |                       | (95) COSMOS-F160 W-95                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=9;<br>SAMP-SEQ=SPAR S25  | POS TARG -2.2,-23 8.2                          | Sequence 1-8 Non-Int in COSMOS-F160 W-V95 (9K) | 202.936411 Secs (202.936 Secs)  |                       |                              |  |  |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |  |  |
|                                                                 | 4                                                                                    |                       | (95) COSMOS-F160 W-95                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=10;<br>SAMP-SEQ=SPAR S25 | POS TARG -20.0,-3 57.0                         | Sequence 1-8 Non-Int in COSMOS-F160 W-V95 (9K) | 227.936926 Secs (227.937 Secs)  |                       |                              |  |  |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                |                                                | [==>]                           |                       | [1]                          |  |  |
|                                                                 | 5                                                                                    |                       | (95) COSMOS-F160 W-95                                                              | WFC3/IR, MULTIACCUM, IR-FIX | F160W                          | NSAMP=11;<br>SAMP-SEQ=SPAR S25 | POS TARG -38.5,-4 76.1                         | Sequence 1-8 Non-Int in COSMOS-F160 W-V95 (9K) | 252.937441 Secs (252.937 Secs)  |                       |                              |  |  |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |  |  |
| 6                                                               |                                                                                      | (95) COSMOS-F160 W-95 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=12;<br>SAMP-SEQ=SPAR S25 | POS TARG -45.4,-5 95.1         | Sequence 1-8 Non-Int in COSMOS-F160 W-V95 (9K) | 277.937956 Secs (277.938 Secs)                 |                                 |                       |                              |  |  |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |  |  |
| 7                                                               |                                                                                      | (95) COSMOS-F160 W-95 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -91.3,-7 14.5         | Sequence 1-8 Non-Int in COSMOS-F160 W-V95 (9K) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |  |  |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |  |  |
| 8                                                               |                                                                                      | (95) COSMOS-F160 W-95 | WFC3/IR, MULTIACCUM, IR-FIX                                                        | F160W                       | NSAMP=8;<br>SAMP-SEQ=SPAR S25  | POS TARG -43.8,-8 35.5         | Sequence 1-8 Non-Int in COSMOS-F160 W-V95 (9K) | 177.935896 Secs (177.936 Secs)                 |                                 |                       |                              |  |  |
|                                                                 |                                                                                      |                       |                                                                                    |                             |                                |                                |                                                | [==>]                                          |                                 | [1]                   |                              |  |  |



# Proposal 16259 - COSMOS-F160W-V96 (9L) - 3D-DASH: A Wide Field WFC3/IR Survey of COSMOS

|               |                                                                                      |                 |                                                                                    |                             |  |                          |  |                                |        |                       |                              |                                                |  |                                         |  |       |  |
|---------------|--------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|--|--------------------------|--|--------------------------------|--------|-----------------------|------------------------------|------------------------------------------------|--|-----------------------------------------|--|-------|--|
| Visit         | Proposal 16259, COSMOS-F160W-V96 (9L), completed                                     |                 |                                                                                    |                             |  |                          |  |                                |        |                       | Wed Aug 25 21:02:45 GMT 2021 |                                                |  |                                         |  |       |  |
|               | Diagnostic Status: Warning                                                           |                 |                                                                                    |                             |  |                          |  |                                |        |                       |                              |                                                |  |                                         |  |       |  |
|               | Scientific Instruments: WFC3/IR                                                      |                 |                                                                                    |                             |  |                          |  |                                |        |                       |                              |                                                |  |                                         |  |       |  |
|               | Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 55.0D TO 55.0 D |                 |                                                                                    |                             |  |                          |  |                                |        |                       |                              |                                                |  |                                         |  |       |  |
| Diagnostics   | (COSMOS-F160W-V96 (9L)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN          |                 |                                                                                    |                             |  |                          |  |                                |        |                       |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V96 (9L)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |  |                          |  |                                |        |                       |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V96 (9L)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |  |                          |  |                                |        |                       |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V96 (9L)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |  |                          |  |                                |        |                       |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V96 (9L)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |  |                          |  |                                |        |                       |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V96 (9L)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |  |                          |  |                                |        |                       |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V96 (9L)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |  |                          |  |                                |        |                       |                              |                                                |  |                                         |  |       |  |
|               | (COSMOS-F160W-V96 (9L)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE        |                 |                                                                                    |                             |  |                          |  |                                |        |                       |                              |                                                |  |                                         |  |       |  |
| Fixed Targets | #                                                                                    | Name            | Target Coordinates                                                                 |                             |  | Targ. Coord. Corrections |  |                                | Fluxes |                       | Miscellaneous                |                                                |  |                                         |  |       |  |
|               | (96)                                                                                 | COSMOS-F160W-96 | RA: 10 00 44.6090 (150.1858708d)<br>Dec: +01 36 24.94 (1.60693d)<br>Equinox: J2000 |                             |  |                          |  |                                | V=25   |                       | Reference Frame: ICRS        |                                                |  |                                         |  |       |  |
|               | Comments:<br>Category=UNIDENTIFIED<br>Description=[BLANK FIELD]                      |                 |                                                                                    |                             |  |                          |  |                                |        |                       |                              |                                                |  |                                         |  |       |  |
| Exposures     | #                                                                                    | Label           | Target                                                                             | Config,Mode,Aperture        |  | Spectral Els.            |  | Opt. Params.                   |        | Special Reqs.         |                              | Groups                                         |  | Exp. Time (Total)/[Actual Dur.]         |  | Orbit |  |
|               | 1                                                                                    |                 | (96) COSMOS-F160 W-96                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=6;<br>SAMP-SEQ=SPAR S50  |        |                       |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V96 (9L) |  | 252.934546 Secs (252.935 Secs)<br>[==>] |  | [1]   |  |
|               | 2                                                                                    |                 | (96) COSMOS-F160 W-96                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |        | POS TARG -16.4,-122.6 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V96 (9L) |  | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|               | 3                                                                                    |                 | (96) COSMOS-F160 W-96                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=9;<br>SAMP-SEQ=SPAR S25  |        | POS TARG -38.2,-242.9 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V96 (9L) |  | 202.936411 Secs (202.936 Secs)<br>[==>] |  | [1]   |  |
|               | 4                                                                                    |                 | (96) COSMOS-F160 W-96                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=10;<br>SAMP-SEQ=SPAR S25 |        | POS TARG -52.2,-365.2 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V96 (9L) |  | 227.936926 Secs (227.937 Secs)<br>[==>] |  | [1]   |  |
|               | 5                                                                                    |                 | (96) COSMOS-F160 W-96                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=11;<br>SAMP-SEQ=SPAR S25 |        | POS TARG -58.5,-487.4 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V96 (9L) |  | 252.937441 Secs (252.937 Secs)<br>[==>] |  | [1]   |  |
|               | 6                                                                                    |                 | (96) COSMOS-F160 W-96                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=12;<br>SAMP-SEQ=SPAR S25 |        | POS TARG -56.9,-607.9 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V96 (9L) |  | 277.937956 Secs (277.938 Secs)<br>[==>] |  | [1]   |  |
|               | 7                                                                                    |                 | (96) COSMOS-F160 W-96                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |        | POS TARG -56.8,-728.2 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V96 (9L) |  | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |
|               | 8                                                                                    |                 | (96) COSMOS-F160 W-96                                                              | WFC3/IR, MULTIACCUM, IR-FIX |  | F160W                    |  | NSAMP=8;<br>SAMP-SEQ=SPAR S25  |        | POS TARG -56.5,-847.0 |                              | Sequence 1-8 Non-Int in COSMOS-F160 W-V96 (9L) |  | 177.935896 Secs (177.936 Secs)<br>[==>] |  | [1]   |  |

