



13420 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR spectroscopy

Cycle: 21, Proposal Category: GO

(Availability Mode: AVAILABLE)

INVESTIGATORS

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|--|--|--------------------------------------|
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VISITS

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 01 | (1) GDN1 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:03:57.0 | yes |
| 02 | (2) GDN2 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:04:17.0 | yes |

Proposal 13420 (STScI Edit Number: 0, Created: Thursday, May 1, 2014 8:11:47 PM EST) - Overview

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 03 | (3) GDN3 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:04:36.0 | yes |
| 04 | (4) GDN4 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:04:54.0 | yes |
| 05 | (5) GDN5 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:05:11.0 | yes |
| 06 | (6) GDN6 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:05:31.0 | yes |
| 07 | (7) GDN7 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:05:47.0 | yes |
| 08 | (8) GDN8 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:06:04.0 | yes |
| 09 | (9) GDN9 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:06:20.0 | yes |
| 10 | (10) GDN10 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:06:36.0 | yes |
| 11 | (11) GDN11 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:06:52.0 | yes |
| 12 | (12) GDN12 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:07:08.0 | yes |
| 13 | (13) GDN13 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:07:27.0 | yes |
| 14 | (14) GDN14 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:07:43.0 | yes |
| 15 | (15) GDN15 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:07:58.0 | yes |
| 16 | (16) GDN16 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:08:14.0 | yes |

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| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 17 | (17) GDN17 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:08:30.0 | yes |
| 18 | (18) GDN18 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:08:46.0 | yes |
| 19 | (19) GDN19 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:09:02.0 | yes |
| 20 | (20) GDN20 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:09:20.0 | yes |
| 21 | (21) GDN21 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:09:36.0 | yes |
| 22 | (22) GDN22 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:09:51.0 | yes |
| 23 | (23) GDN23 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:10:07.0 | yes |
| 24 | (24) GDN24 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:10:23.0 | yes |
| 25 | (25) GDN25 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:10:38.0 | yes |
| 26 | (26) GDN26 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:10:58.0 | yes |
| 27 | (27) GDN27 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:11:13.0 | yes |
| 28 | (28) GDN28 | ACS/WFC WFC3/IR | 2 | 01-May-2014 21:11:29.0 | yes |

56 Total Orbits Used

ABSTRACT

Proposal 13420 (STScI Edit Number: 0, Created: Thursday, May 1, 2014 8:11:47 PM EST) - Overview

The important "adolescent" epoch at redshifts $z \sim 1$ to 2 bridges a universe of "adult" galaxies at $z < 1$ to an earlier "childhood" period $z > 2$ when galaxies were dramatically different. During this transition, the early quenching of star formation and later enlargement of compact quiescent galaxies since $z \sim 2$ remain key unsolved mysteries. We have identified a population of compact star-forming galaxies at ~ 2.5 whose structural properties and number densities suggest an evolutionary connection with the first quiescent galaxies. But demonstrating full consistency between progenitor to descendant populations requires high-precision redshifts, ages, and star formation histories to make reliable links in time. We thus propose adding a 56 orbit G102 survey to GOODS-North. The G102 grism meets the required spectral resolution to resolve stellar population ages and connect progenitors to quiescent galaxies, and perfectly bridges the gap for galaxies at $1 < z < 2$ which was missed by the previous G141 program in GOODS-N. Combining and leveraging with the 56-orbit redder (G141) grism investment and 180 hrs of 10m-telescope (GTC) medium-band imaging (SHARDS), our survey will provide the definitive dataset for well time-resolved stellar population studies until JWST. The spatially-resolved WFC3 spectroscopy will also tackle the mystery of how quiescent galaxies grow to their larger sizes today, by measuring differences in the ages and star formation histories between their cores and outskirts during the transition era. Given its high value for legacy science, the new data will have no proprietary period.

OBSERVING DESCRIPTION

Observations Description

The goal of this program is to provide better spectral resolution SEDs for $z > 1$ galaxies to significantly improve the precision for redshifts, and star formation histories. These data, combined with previous G141 (ID #11600, PI Weiner) and ultra-deep medium-band (SHARDS; Perez-Gonzalez et al. 2013) surveys will create an SED library of unprecedented flux accuracy, and spectral range of 250-450 nm rest-frame for 2000 galaxies at $1 < z < 2$. We will use this unique dataset to measure precision redshifts and stellar population ages, mapping the evolutionary paths from star-forming to the red sequence.

Visit layout:

Since our program leverages on the previous G141 program (#11600) our visits are designed to follow as much as possible the tiling of that program (and that of the previous GOODS/ACS survey). This constrain the PA of the 20 WFC3 fields in the southwest to be observed at PA 45 ± 15

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(ORIENT 180 +/- 15), and the 8 WFC3 fields in the northeast to be observed at either PA 45 +/- 15, or at PA 225 +/- 15 (ORIENT 0 +/- 15).

However, the program is designed to tolerate variations in PA/ORIENT of +/-15 degrees from the ideal, to increase schedulability. The choice of PAs also ensures that the parallel pointings would also lie within the GOODS area providing simultaneous G800L and G102 photometry for most of our galaxies and maximizing the legacy value of the survey.

Significant deviations of the planned PAs would also minimize the number of galaxies with good quality G102 and G141 data because the PA changes the internal contamination caused by overlap of the 0th order and 1st order spectra.

Exposures:

To fit the grism exposures needed for our program within the BEA orbit-length restriction (see below), we adopt a sequence of grism-(offset)-grism-direct, which implies that there is only one direct exposure per orbit (instead of direct-grism-(offset)-grism-direct...). This is acceptable because our program consists of two orbits per visit/pointing, and therefore we will be able to drizzle those to obtain a robust direct image for extraction of the spectra. In addition, there is extensive WFC3-IR imaging of the field from CANDELS and program 11600. If necessary for the scheduling, the direct image at the end of each orbit could be extended beyond the BEA limit; this is acceptable because the direct image is less affected by scattered light.

Dithering:

We use POS-TARG offsets to enable rejection of hot/bad pixels and to improve sampling of the PSF. The pattern is:

POS-TARG: (0, 0) (1.355, 0.424) (0.881, 1.212) (-0.474, 0.788)

pixels: (0, 0) (10.0, 3.5) (6.5, 10.0) (-3.5, 6.5)

This is a larger version of the standard WFC3-IR-DITHER-BOX-MIN pattern, which has only 1-2 pixel offsets between pointings. As some bad pixels come in clumps we prefer a slightly larger pattern. No attempt is made to dither over the "dead spot", as large dithers introduce large differential distortion. This pattern has been used successfully in the 3D-HST survey (programs 12177 and 12328).

BEA requirement justificacion:

We require the use of the BEA mode to set a minimum angle of 30 with respect to the bright earth limb in order to avoid substantial contamination on the G102 grism exposures. Our previous experience reducing the G141 data from program 11600 in GOODS-N indicates that the exposures taken at smaller separation angles presented a strong contamination that rendered the data unusable (see also Phase II of GO-11600).

As a example of this issue, here is figure showing the intermediate readouts in each exposure of program 11600 vs limb angle as a function of time.

<https://arcoiris.ucolick.org/~gbc/PhaseII/allvisits.grism.limband.rate.png>

From this it can be seen that grism exposures really need to avoid the bright limb by >30 deg.

We also include a link to a more detailed document by the PIs of program 11719 and 11600 where they discuss the impact of the bright Earth limb in their observations. Figure 10 of that document shows essentially the same information as the previous link.

https://arcoiris.ucolick.org/~gbc/PhaseII/dalcanton_scattlight_report_final.pdf

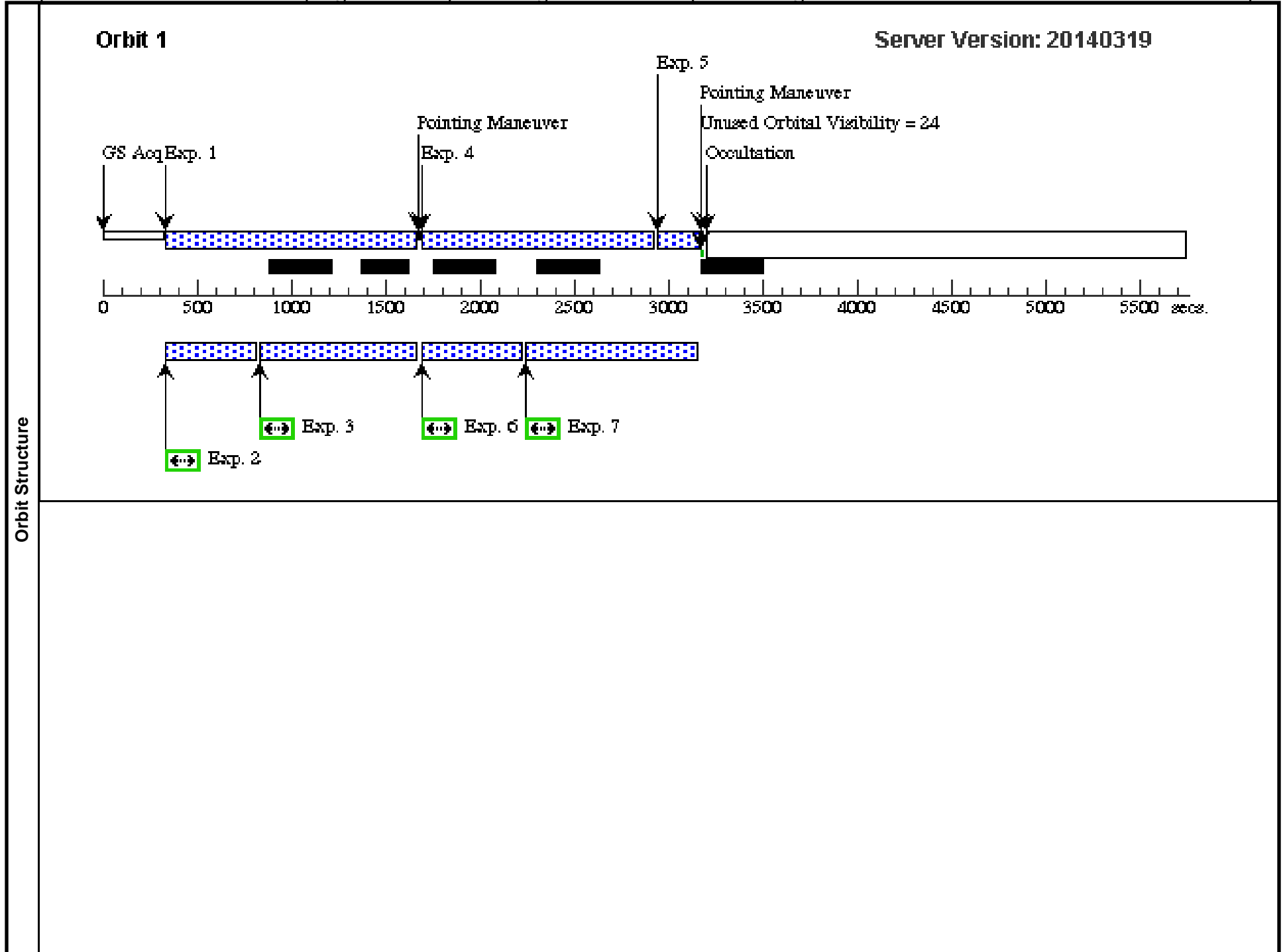
As the main goal of our program requires high-precision measurements of both the spectral continuum and absorptions it is critical to avoid any possible contamination to ensure a successful scientific return. After discussion with the contact scientist, we believe that the BEA requirement is a less restrictive (and thus more easily schedulable) constraint than the LOW-SKY used in the re-observed visits of program 11600.

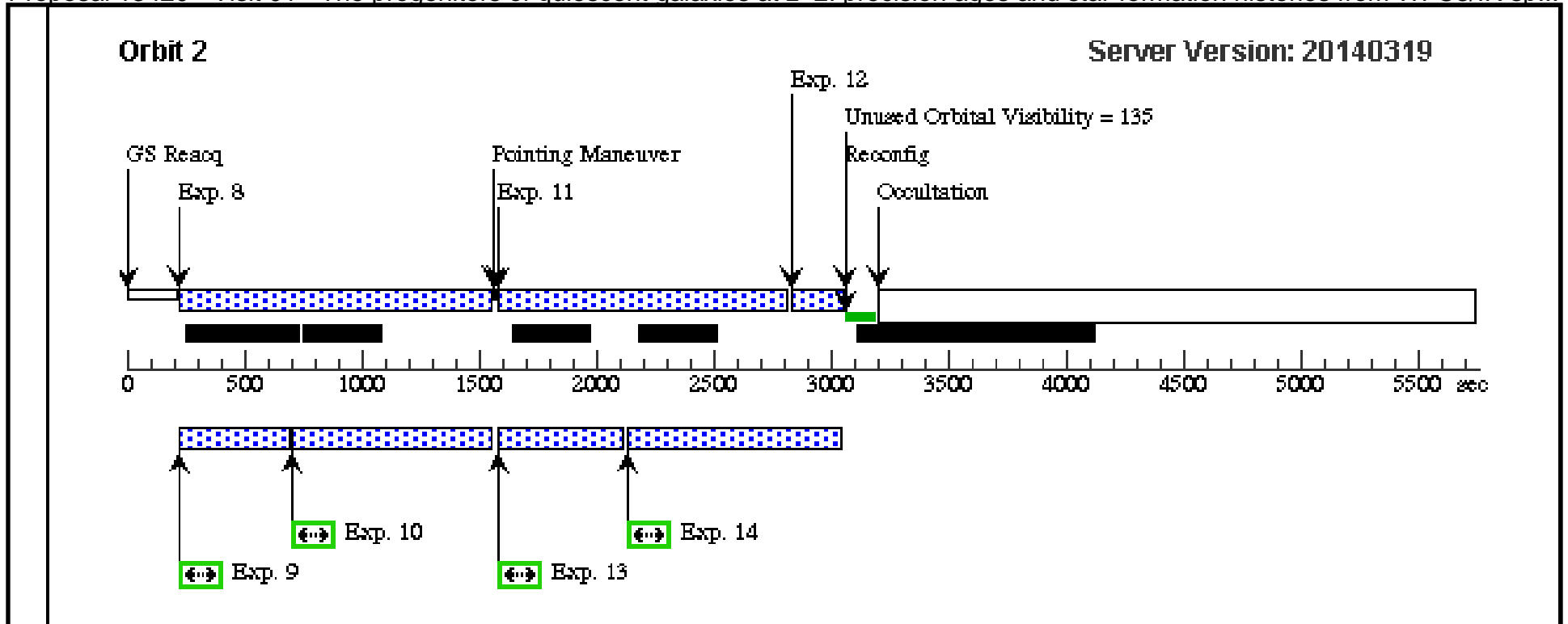
Proposal 13420 - Visit 01 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| Visit | Proposal 13420, Visit 01, completed Fri May 02 01:11:48 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|--|---|--------------------|--------------------------|--------------------------|---------------|---------------|-----|------|---|--|------------|-----------------------|--|--|--|--|
| | (Visit 01) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 01) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 01) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>GDN1</td> <td> RA: 12 35 54.9800 (188.9790833d) Dec: +62 11 51.30 (62.19758d) Equinox: J2000 </td> <td></td> <td>V=26+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (1) | GDN1 | RA: 12 35 54.9800 (188.9790833d) Dec: +62 11 51.30 (62.19758d) Equinox: J2000 | | V=26+/-0.1 | Reference Frame: ICRS | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (1) | GDN1 | RA: 12 35 54.9800 (188.9790833d) Dec: +62 11 51.30 (62.19758d) Equinox: J2000 | | V=26+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 01 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----------|----------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (1) GDN1 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 01 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (1) GDN1 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 01 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (1) GDN1 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 01 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (1) GDN1 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 01 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (1) GDN1 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 4 | Prime + Parallel Group 4-7 in Visit 01 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (1) GDN1 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 01 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (1) GDN1 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 01 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (1) GDN1 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 01 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (1) GDN1 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 01 | 120 Secs (295 Secs) [==>295.0 Secs] | [2] |
| | 10 | (1) GDN1 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 01 | 500 Secs (675 Secs) [==>675.0 Secs] | [2] |
| | 11 | (1) GDN1 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 01 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (1) GDN1 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 01 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (1) GDN1 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 01 | 120 Secs (361 Secs) [==>361.0 Secs] | [2] |
| 14 | (1) GDN1 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 01 | 500 Secs (741 Secs) [==>741.0 Secs] | [2] | |



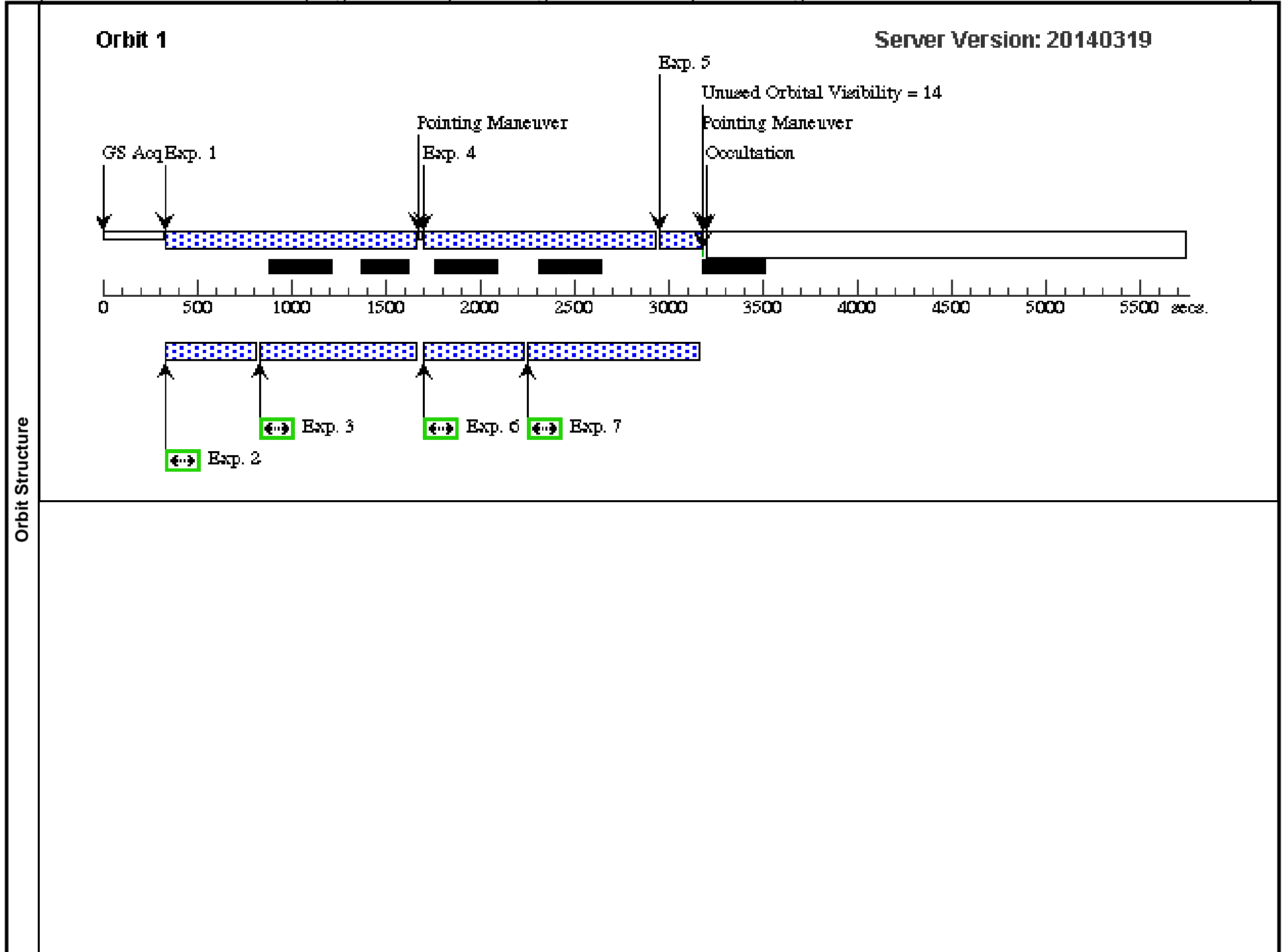


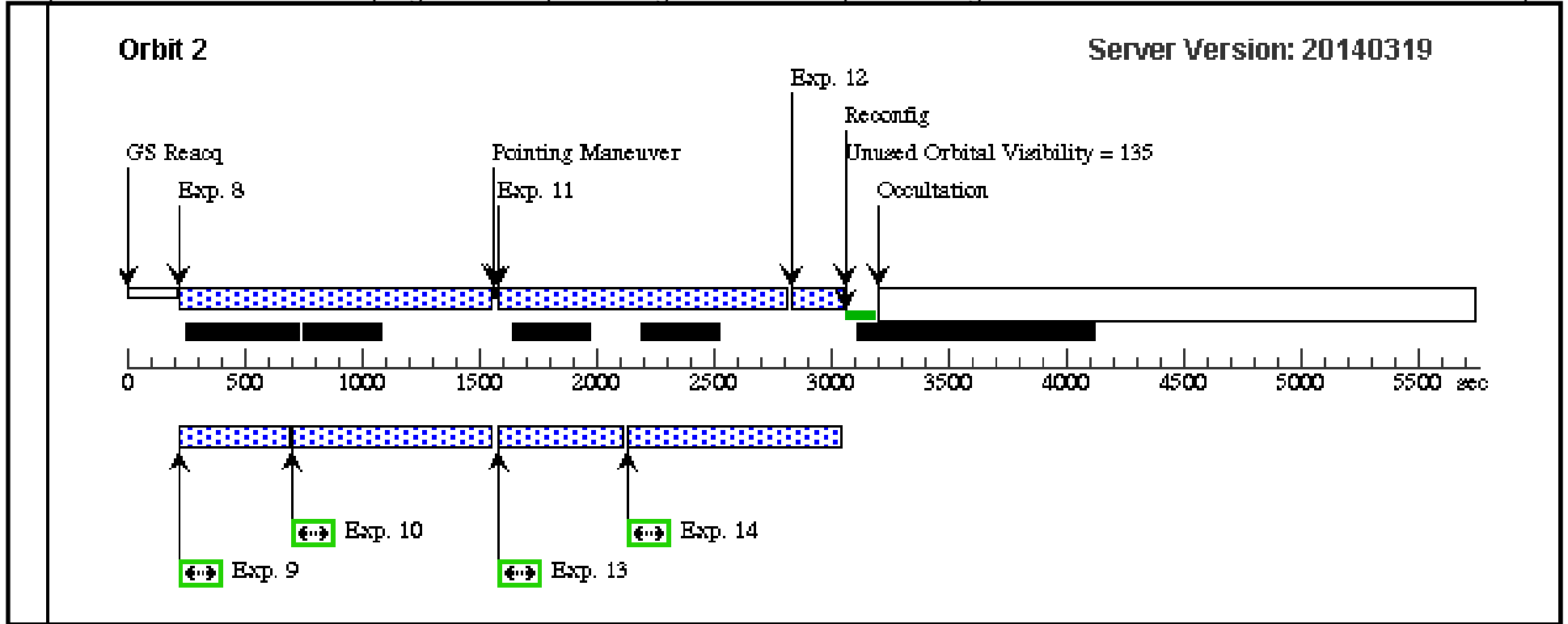
Proposal 13420 - Visit 02 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| Visit | Proposal 13420, Visit 02, completed Fri May 02 01:11:51 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|---|--|--------------------|--------------------------|-----------------------|---------------|------|--------------------|--------------------------|--------|---------------|-----|------|--|--|------------|-----------------------|
| | (Visit 02) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 02) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 02) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | | | | | | | | | |
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| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (2) | GDN2 | RA: 12 36 6.4300 (189.0267917d) Dec: +62 13 11.30 (62.21981d) Equinox: J2000 | | V=26+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 02 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----------|----------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (2) GDN2 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 02 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (2) GDN2 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 02 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (2) GDN2 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 02 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (2) GDN2 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 02 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (2) GDN2 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 02 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (2) GDN2 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 02 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (2) GDN2 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 02 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (2) GDN2 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 02 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (2) GDN2 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 02 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (2) GDN2 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 02 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (2) GDN2 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 02 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (2) GDN2 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 02 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (2) GDN2 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 02 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (2) GDN2 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 02 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |



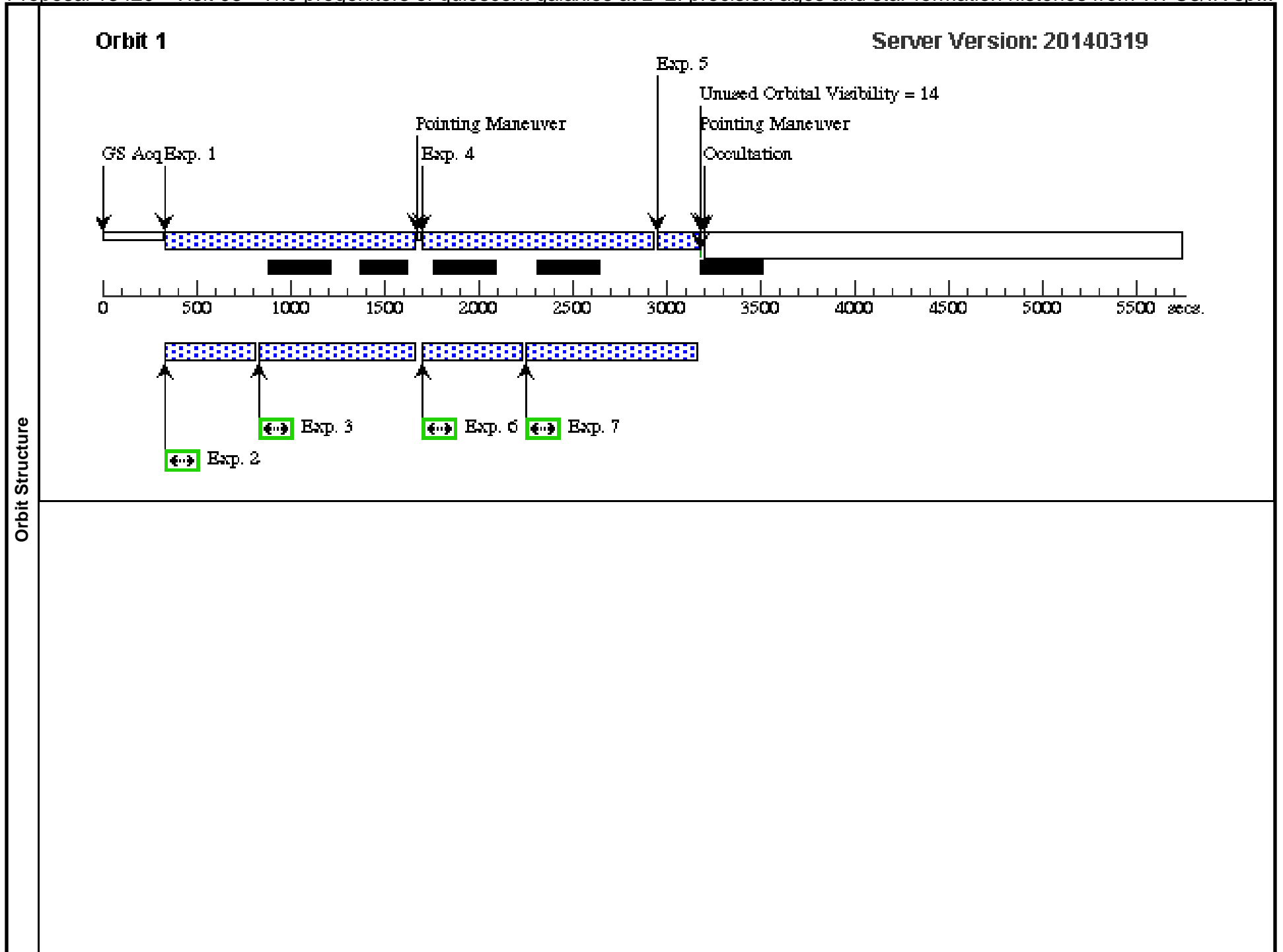


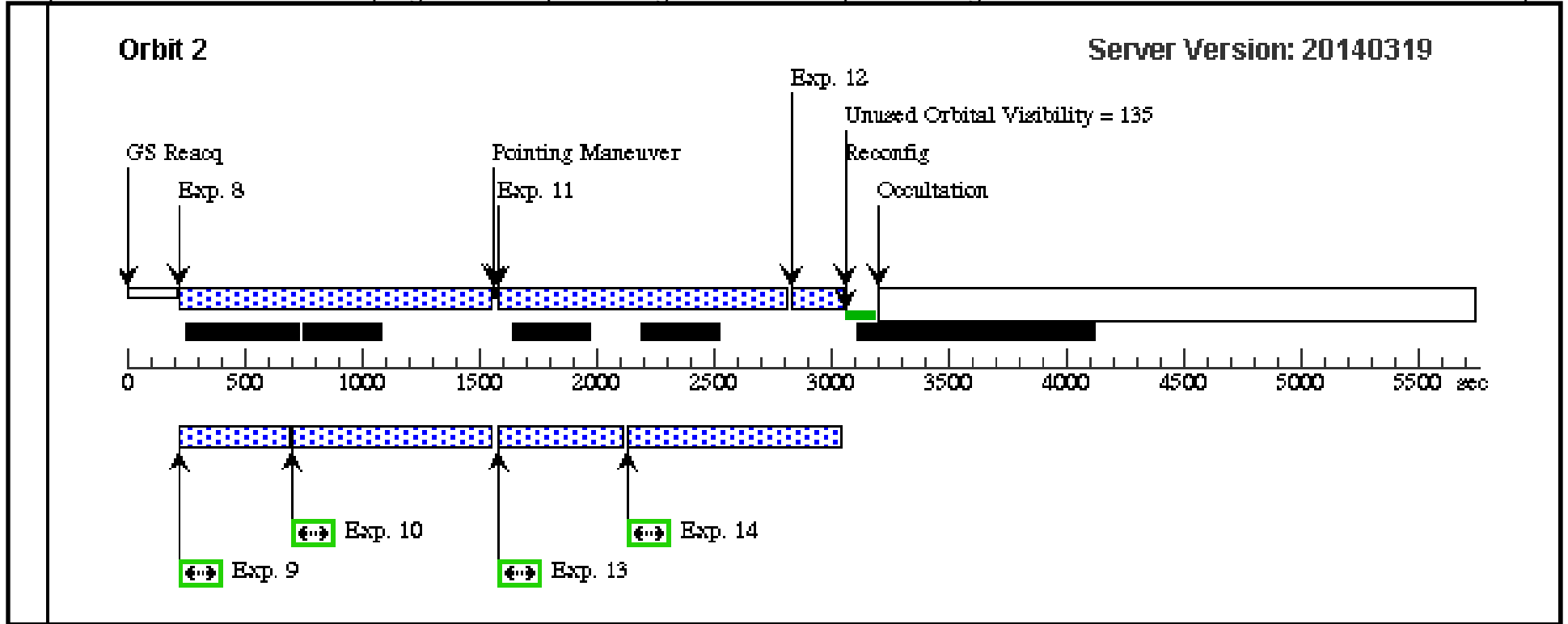
Proposal 13420 - Visit 03 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| Visit | Proposal 13420, Visit 03, completed Fri May 02 01:11:53 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|--|---|--------------------|--------------------------|--------------------------|---------------|---------------|-----|------|---|--|------------|-----------------------|--|--|--|--|
| | (Visit 03) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 03) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 03) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>GDN3</td> <td> RA: 12 36 17.8900 (189.0745417d) Dec: +62 14 31.40 (62.24206d) Equinox: J2000 </td> <td></td> <td>V=21+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (3) | GDN3 | RA: 12 36 17.8900 (189.0745417d) Dec: +62 14 31.40 (62.24206d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (3) | GDN3 | RA: 12 36 17.8900 (189.0745417d) Dec: +62 14 31.40 (62.24206d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 03 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----------|----------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (3) GDN3 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 03 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (3) GDN3 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 03 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (3) GDN3 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 03 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (3) GDN3 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 03 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (3) GDN3 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 03 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (3) GDN3 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 03 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (3) GDN3 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 03 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (3) GDN3 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 03 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (3) GDN3 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 03 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (3) GDN3 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 03 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (3) GDN3 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 03 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (3) GDN3 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 03 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (3) GDN3 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 03 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (3) GDN3 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 03 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |





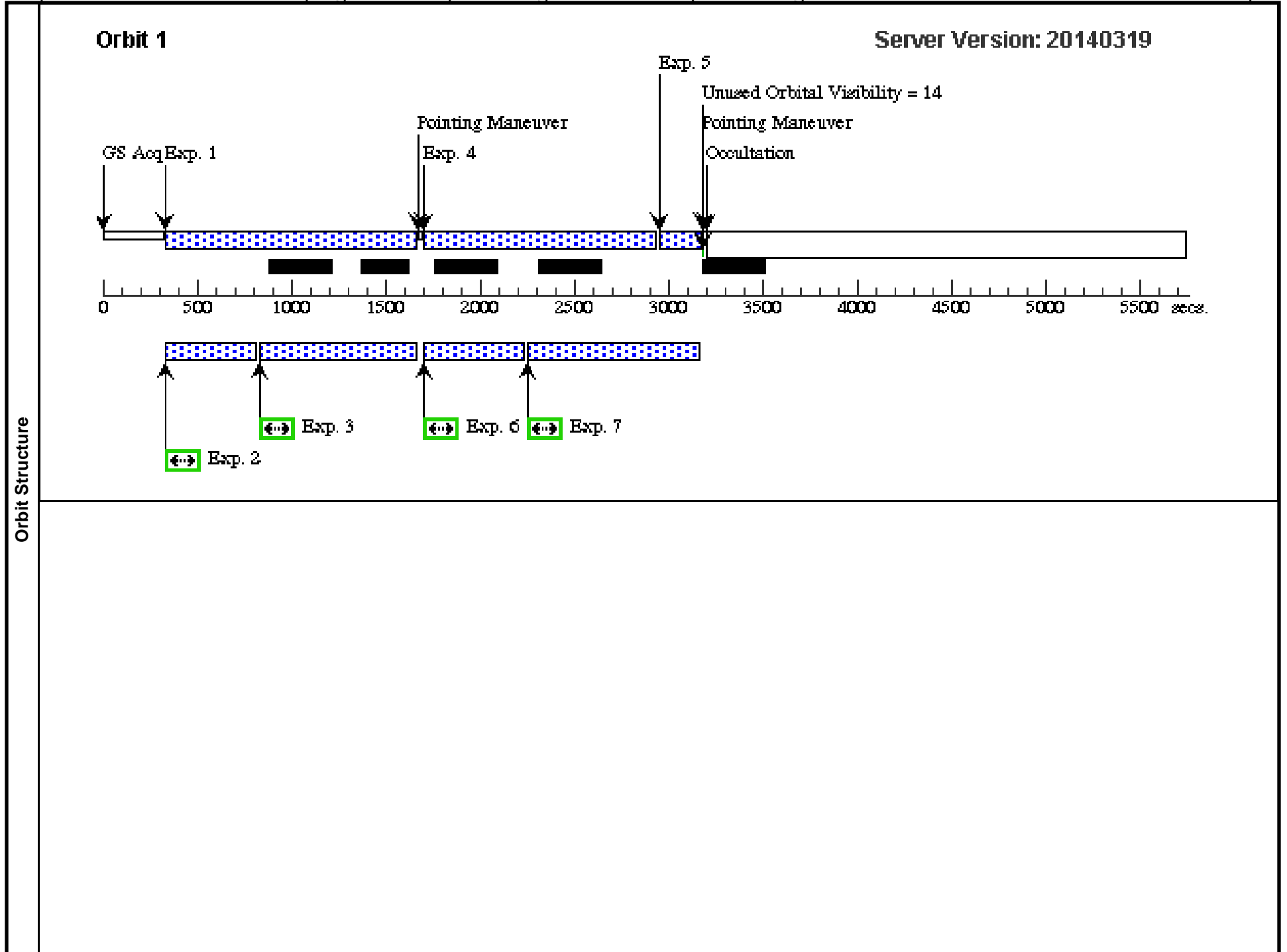
Proposal 13420 - Visit 04 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

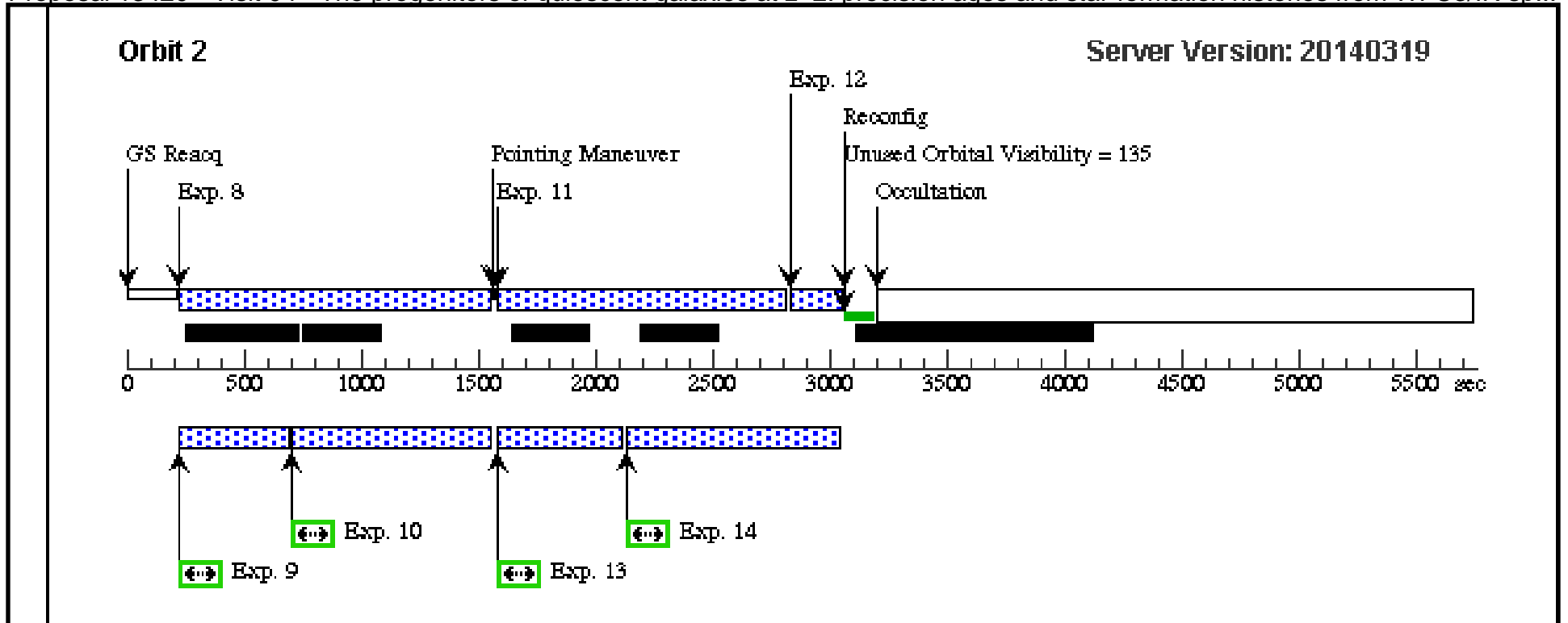
Fri May 02 01:11:54 GMT 2014

| | | | | | | |
|----------------------|--|-------------|---|---------------------------------|---------------|-----------------------|
| Visit | <p>Proposal 13420, Visit 04, completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, ACS/WFC</p> <p>Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 160.0D TO 190.0 D; VISIBILITY INTERVAL 3200 S</p> | | | | | |
| Diagnostics | <p>(Visit 04) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(Visit 04) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(Visit 04) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE</p> | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (4) | GDN4 | RA: 12 36 29.3300 (189.1222083d) Dec: +62 15 51.40 (62.26428d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |

Proposal 13420 - Visit 04 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----------|----------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (4) GDN4 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 04 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (4) GDN4 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 04 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (4) GDN4 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 04 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (4) GDN4 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 04 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (4) GDN4 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 04 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (4) GDN4 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 04 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (4) GDN4 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 04 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (4) GDN4 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 04 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (4) GDN4 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 04 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (4) GDN4 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 04 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (4) GDN4 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 04 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (4) GDN4 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 04 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (4) GDN4 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 04 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (4) GDN4 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 04 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |





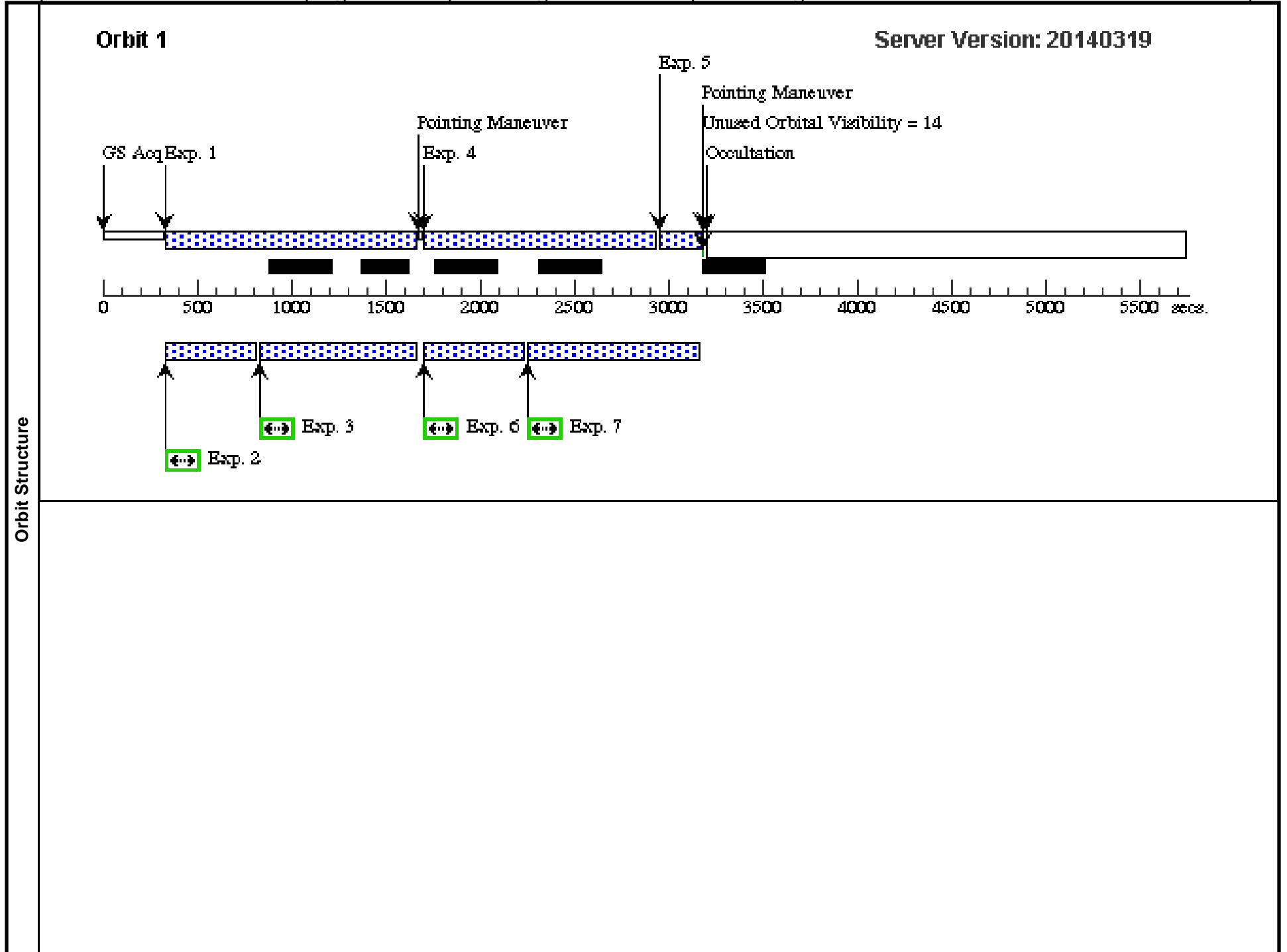
Proposal 13420 - Visit 05 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

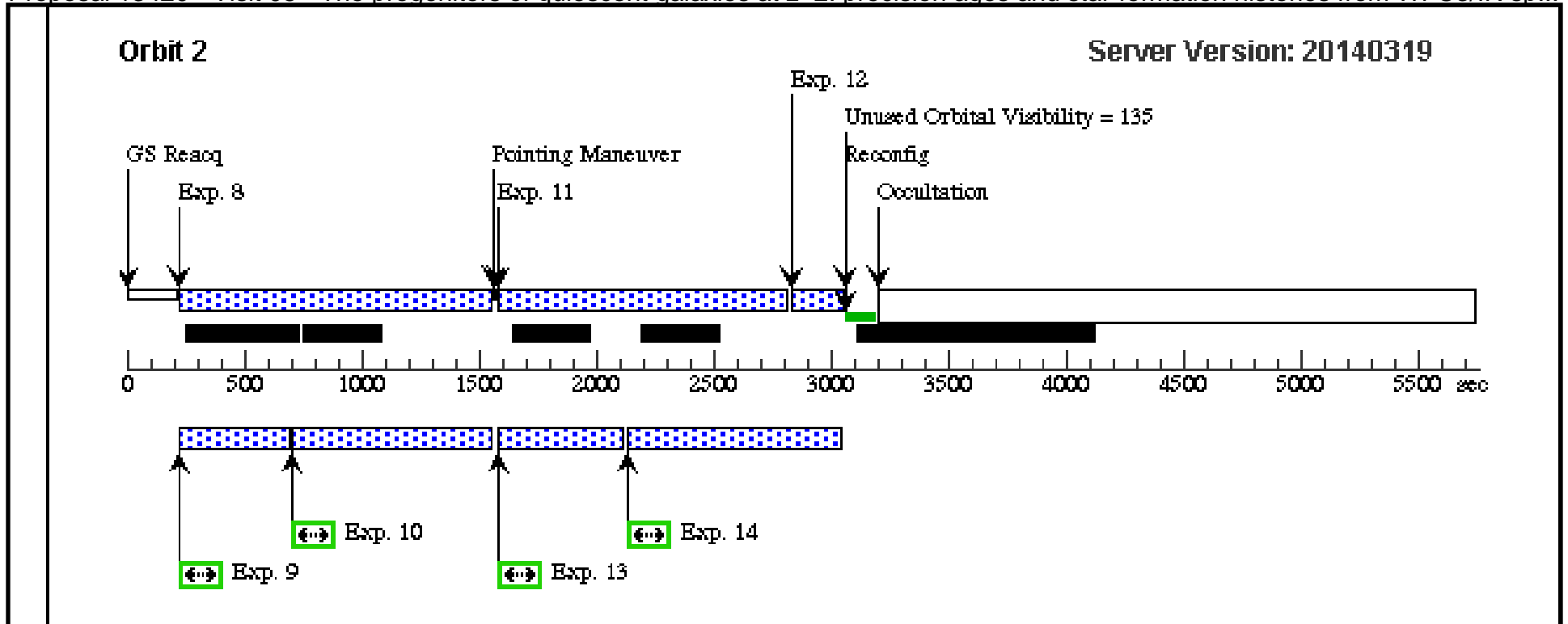
Fri May 02 01:11:56 GMT 2014

| | | | | | | |
|----------------------|---|-------------|--|---------------------------------|---------------|-----------------------|
| Visit | Proposal 13420, Visit 05, scheduled Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | |
| | (Visit 05) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 05) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 05) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | |
| Diagnosics | | | | | | |
| | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (5) | GDN5 | RA: 12 36 8.0500 (189.0335417d) Dec: +62 10 20.00 (62.17222d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |

Proposal 13420 - Visit 05 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----------|----------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (5) GDN5 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 05 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (5) GDN5 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 05 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (5) GDN5 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 05 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (5) GDN5 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 05 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (5) GDN5 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 05 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (5) GDN5 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 05 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (5) GDN5 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 05 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (5) GDN5 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 05 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (5) GDN5 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 05 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (5) GDN5 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 05 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (5) GDN5 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 05 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (5) GDN5 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 05 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (5) GDN5 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 05 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (5) GDN5 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 05 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |



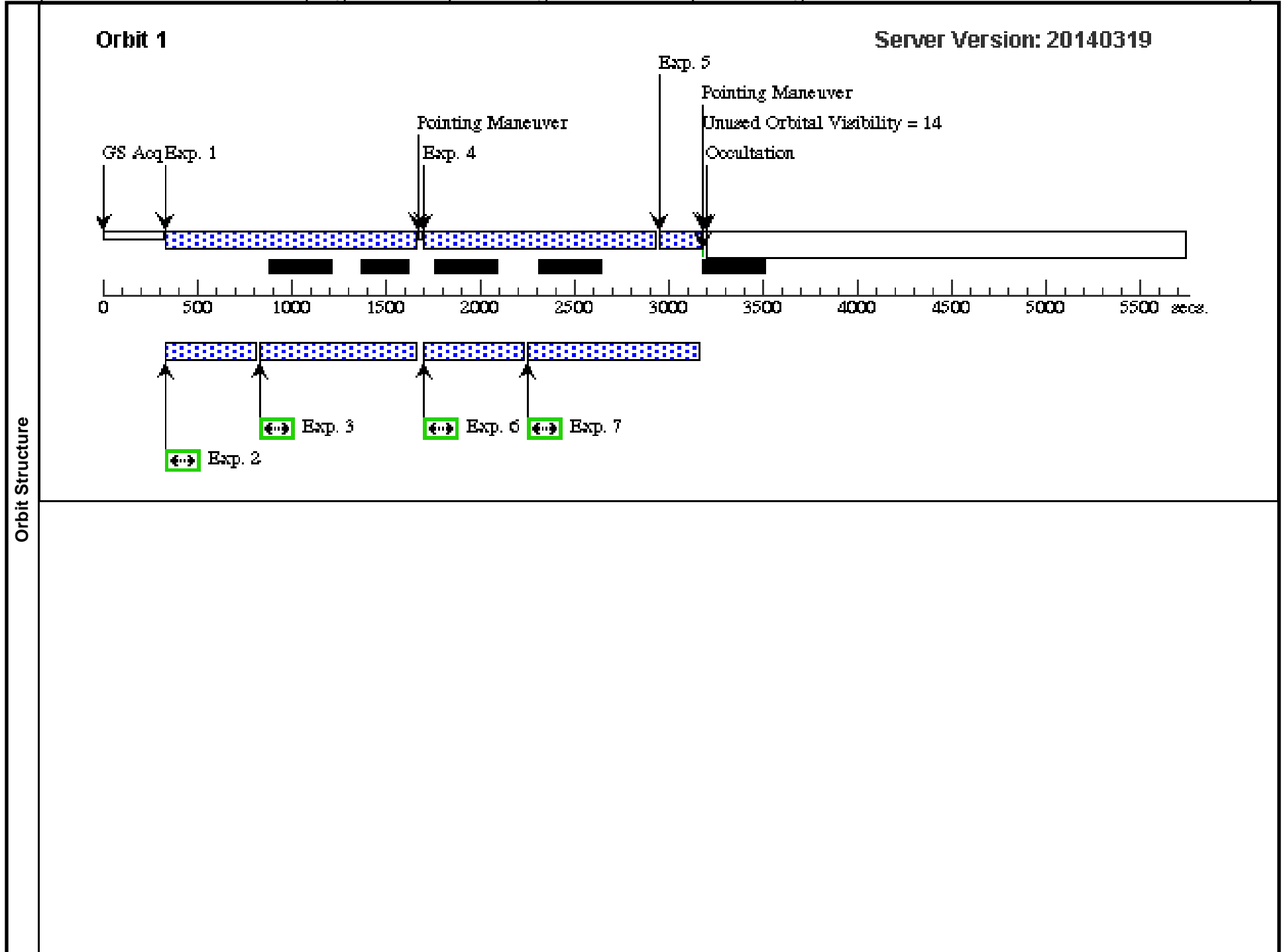


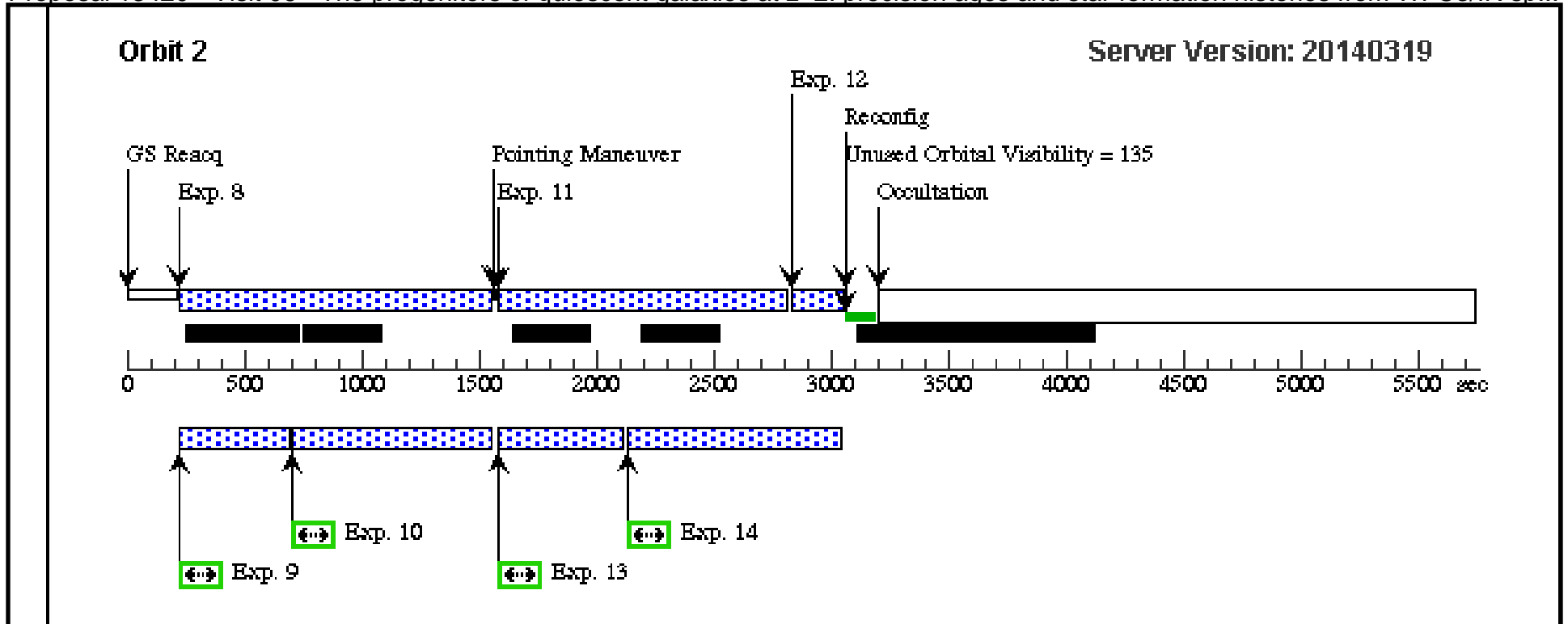
Proposal 13420 - Visit 06 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| | | | | | | |
|----------------------|--|-------------|---|---------------------------------|---------------|-----------------------|
| Visit | Proposal 13420, Visit 06, completed Fri May 02 01:11:57 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | |
| | (Visit 06) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 06) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 06) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE | | | | | |
| Diagnosics | | | | | | |
| | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (6) | GDN6 | RA: 12 36 19.5000 (189.0812500d) Dec: +62 11 40.00 (62.19444d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |

Proposal 13420 - Visit 06 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----------|----------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (6) GDN6 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 06 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (6) GDN6 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 06 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (6) GDN6 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 06 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (6) GDN6 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 06 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (6) GDN6 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 06 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (6) GDN6 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 06 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (6) GDN6 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 06 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (6) GDN6 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 06 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (6) GDN6 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 06 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (6) GDN6 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 06 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (6) GDN6 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 06 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (6) GDN6 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 06 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (6) GDN6 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 06 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (6) GDN6 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 06 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |

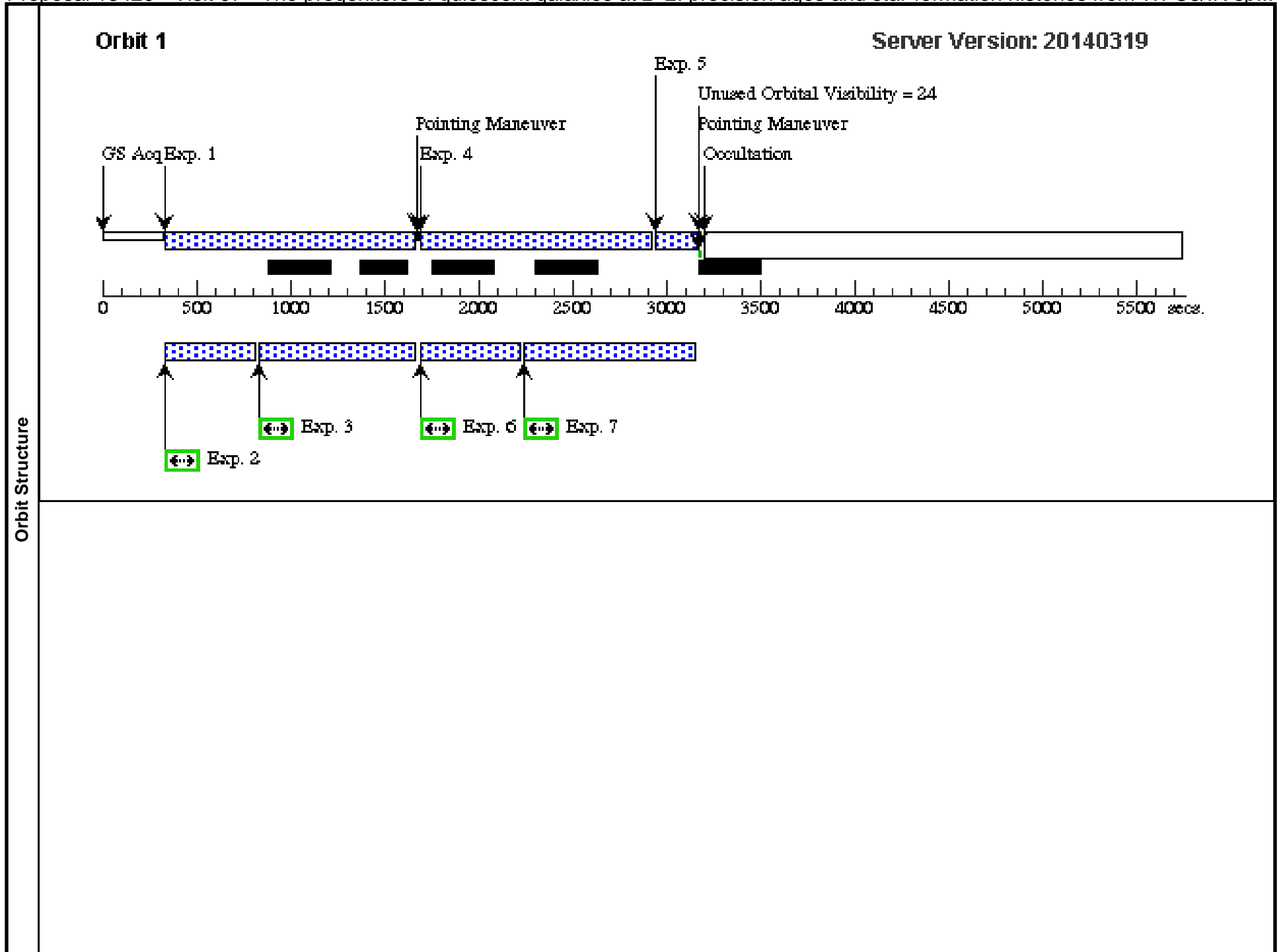


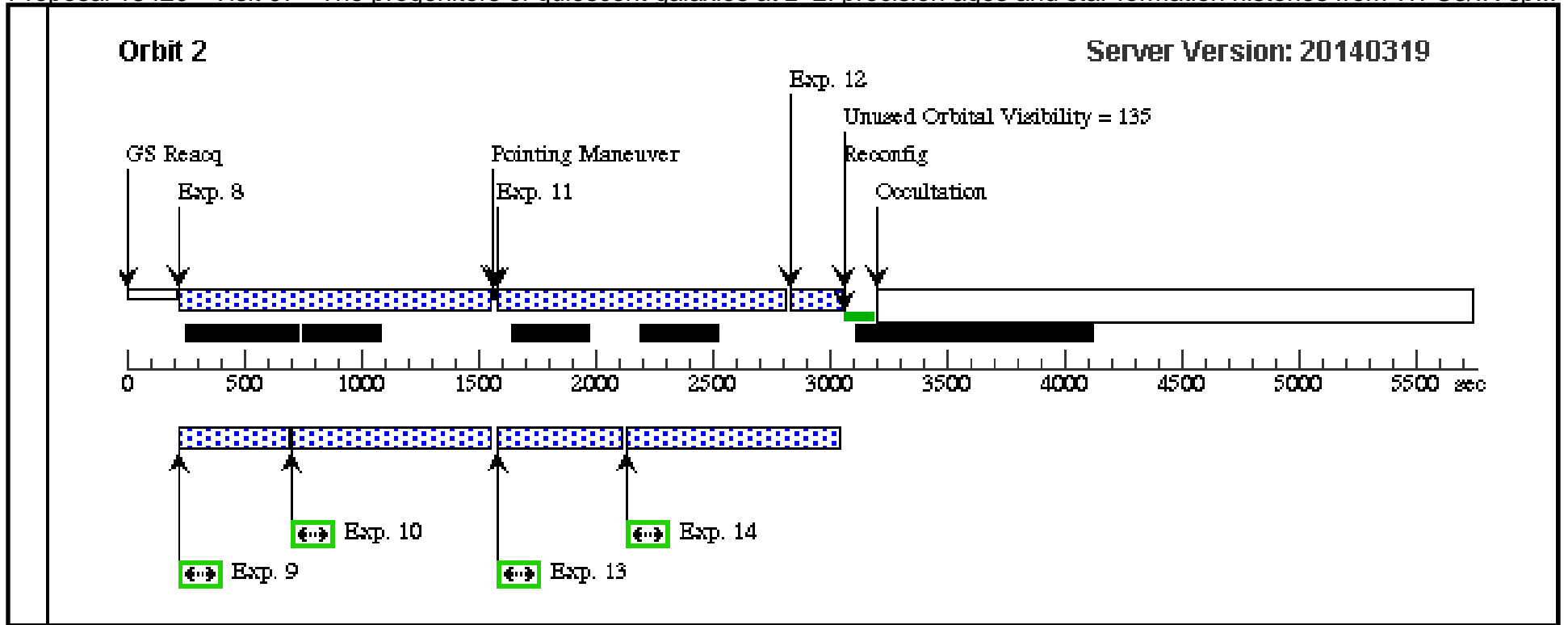


| | | | | | | |
|----------------------|---|-------------|--|---------------------------------|---------------|-----------------------|
| Visit | Proposal 13420, Visit 07, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 155.0D TO 185.0 D; VISIBILITY INTERVAL 3200 S | | | | | |
| | (Visit 07) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 07) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 07) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE | | | | | |
| Diagnosics | | | | | | |
| | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (7) | GDN7 | RA: 12 36 30.9500 (189.1289583d) Dec: +62 13 0.00 (62.21667d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |

Proposal 13420 - Visit 07 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----------|----------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (7) GDN7 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 07 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (7) GDN7 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 07 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (7) GDN7 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 07 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (7) GDN7 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 07 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (7) GDN7 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 4 | Prime + Parallel Group 4-7 in Visit 07 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (7) GDN7 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 07 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (7) GDN7 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 07 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (7) GDN7 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 07 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (7) GDN7 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 07 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (7) GDN7 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 07 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (7) GDN7 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 07 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (7) GDN7 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 07 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (7) GDN7 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 07 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (7) GDN7 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 07 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |



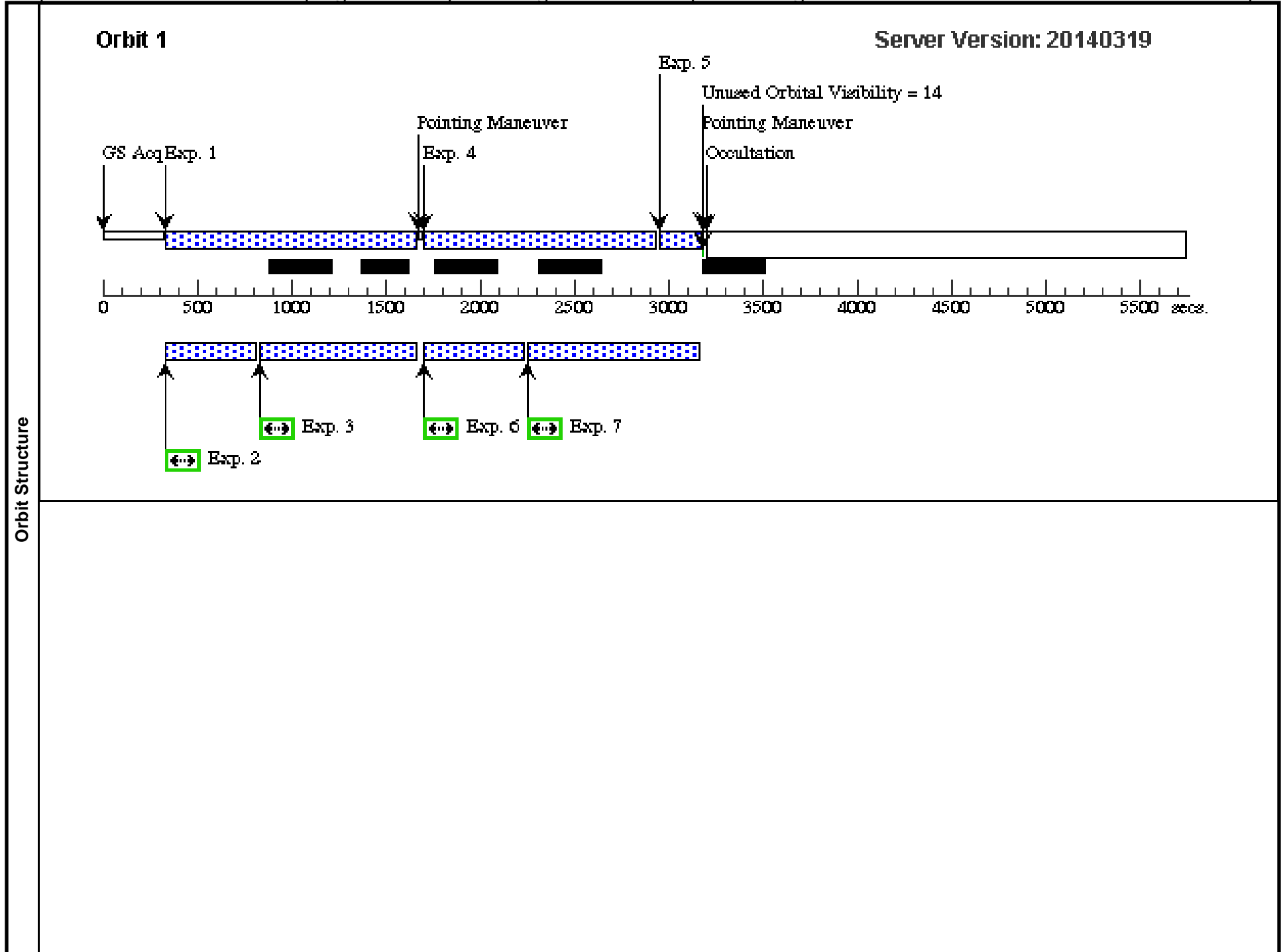


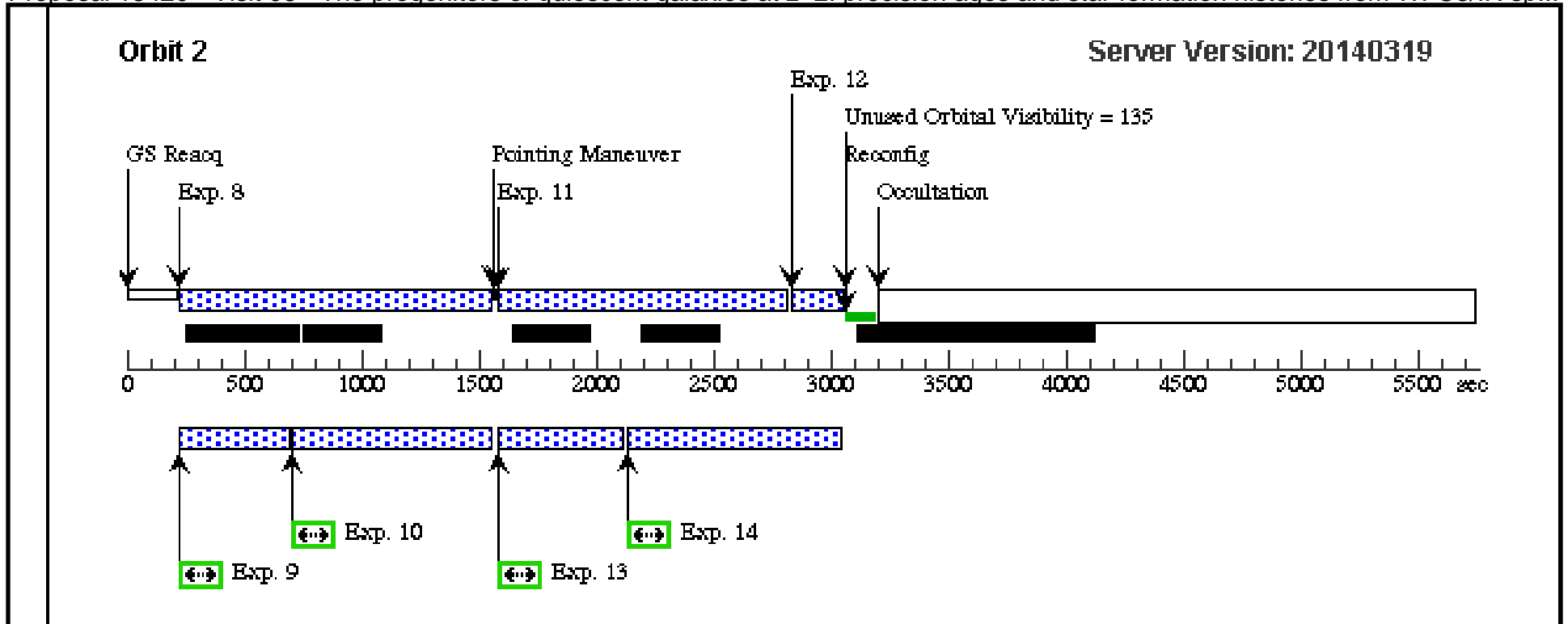
Proposal 13420 - Visit 08 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| Visit | Proposal 13420, Visit 08, completed Fri May 02 01:11:59 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|--|--|--------------------|--------------------------|-----------------------|---------------|---|------|--------------------|--------------------------|--------|---------------|-----|------|---|--|------------|
| | Diagnostics | (Visit 08) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 08) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 08) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | | | | | | | | |
| Fixed Targets | | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(8)</td> <td>GDN8</td> <td>RA: 12 36 42.4000 (189.1766667d) Dec: +62 14 20.10 (62.23892d) Equinox: J2000</td> <td></td> <td>V=21+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (8) | GDN8 | RA: 12 36 42.4000 (189.1766667d) Dec: +62 14 20.10 (62.23892d) Equinox: J2000 | | V=21+/-0.1 |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (8) | GDN8 | RA: 12 36 42.4000 (189.1766667d) Dec: +62 14 20.10 (62.23892d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 08 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----------|----------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (8) GDN8 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 08 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (8) GDN8 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 08 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (8) GDN8 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 08 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (8) GDN8 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 08 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (8) GDN8 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 08 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (8) GDN8 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 08 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (8) GDN8 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 08 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (8) GDN8 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 08 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (8) GDN8 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 08 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (8) GDN8 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 08 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (8) GDN8 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 08 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (8) GDN8 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 08 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (8) GDN8 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 08 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (8) GDN8 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 08 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |



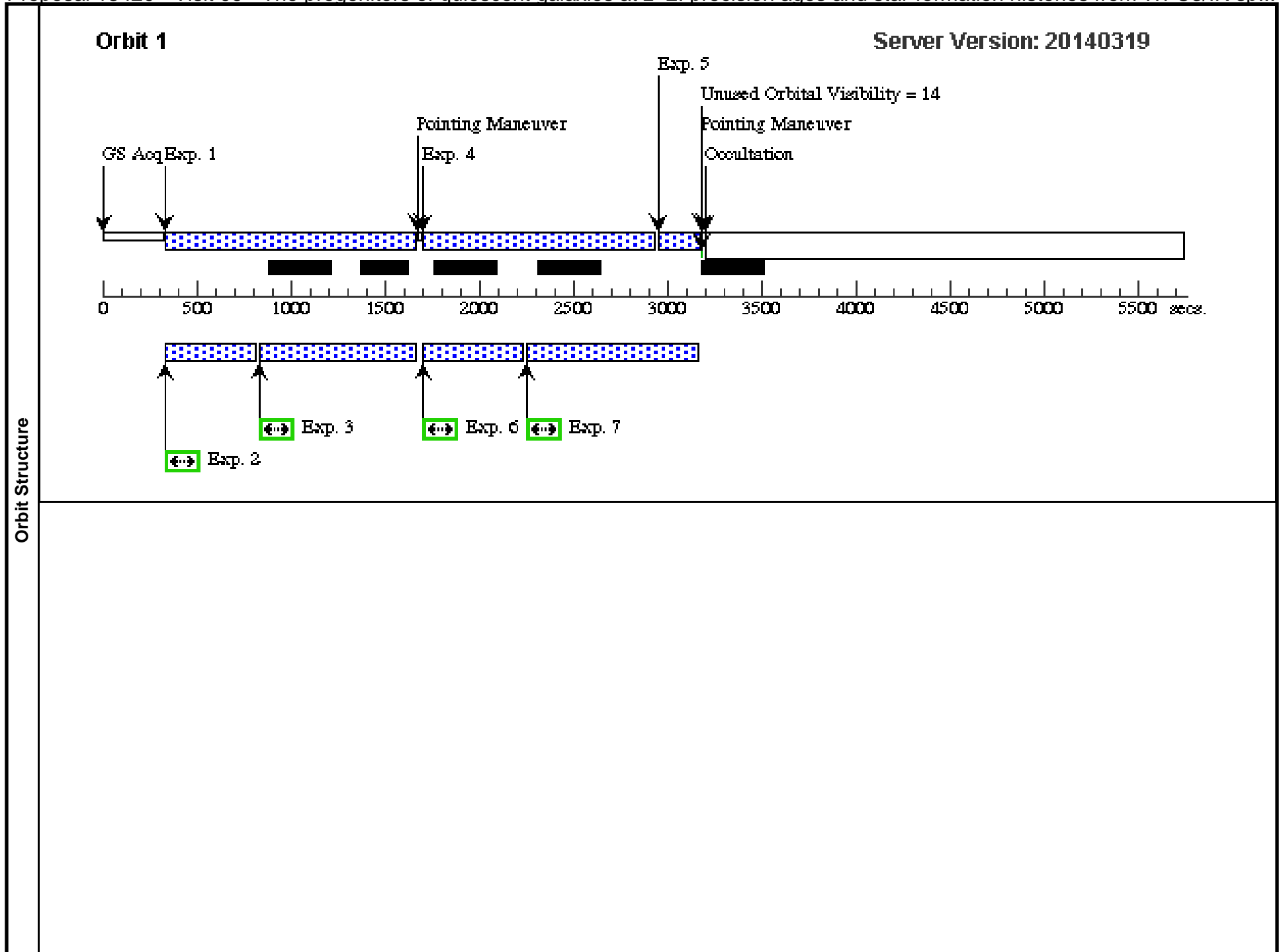


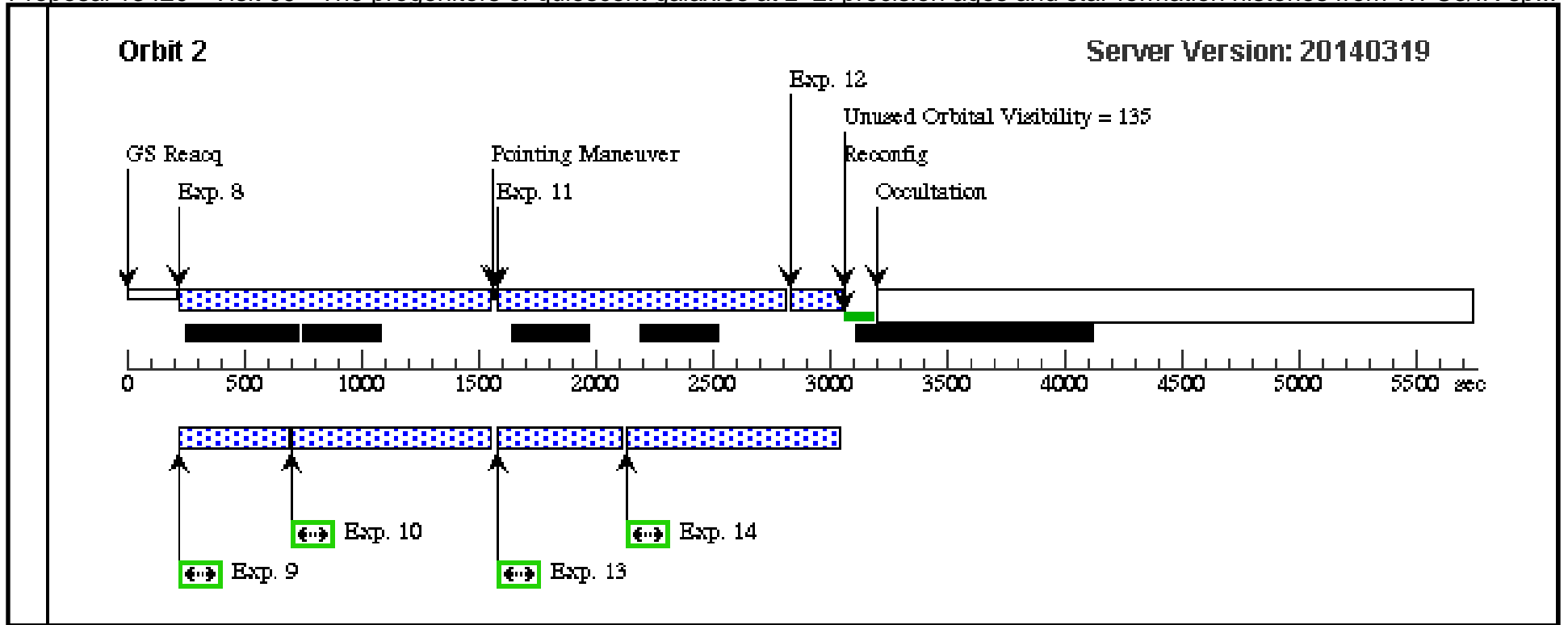
Proposal 13420 - Visit 09 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| Visit | Proposal 13420, Visit 09, completed Fri May 02 01:12:01 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|--|---|--------------------|--------------------------|-----------------------|---------------|------|--------------------|--------------------------|--------|---------------|-----|------|---|--|------------|-----------------------|
| | (Visit 09) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 09) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 09) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(9)</td> <td>GDN9</td> <td>RA: 12 36 21.1200 (189.0880000d) Dec: +62 08 48.60 (62.14683d) Equinox: J2000</td> <td></td> <td>V=21+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (9) | GDN9 | RA: 12 36 21.1200 (189.0880000d) Dec: +62 08 48.60 (62.14683d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (9) | GDN9 | RA: 12 36 21.1200 (189.0880000d) Dec: +62 08 48.60 (62.14683d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 09 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----------|----------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (9) GDN9 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 09 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (9) GDN9 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 09 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (9) GDN9 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 09 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (9) GDN9 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 09 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (9) GDN9 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 09 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (9) GDN9 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 09 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (9) GDN9 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 09 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (9) GDN9 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 09 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (9) GDN9 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 09 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (9) GDN9 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 09 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (9) GDN9 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 09 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (9) GDN9 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 09 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (9) GDN9 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 09 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (9) GDN9 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 09 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |





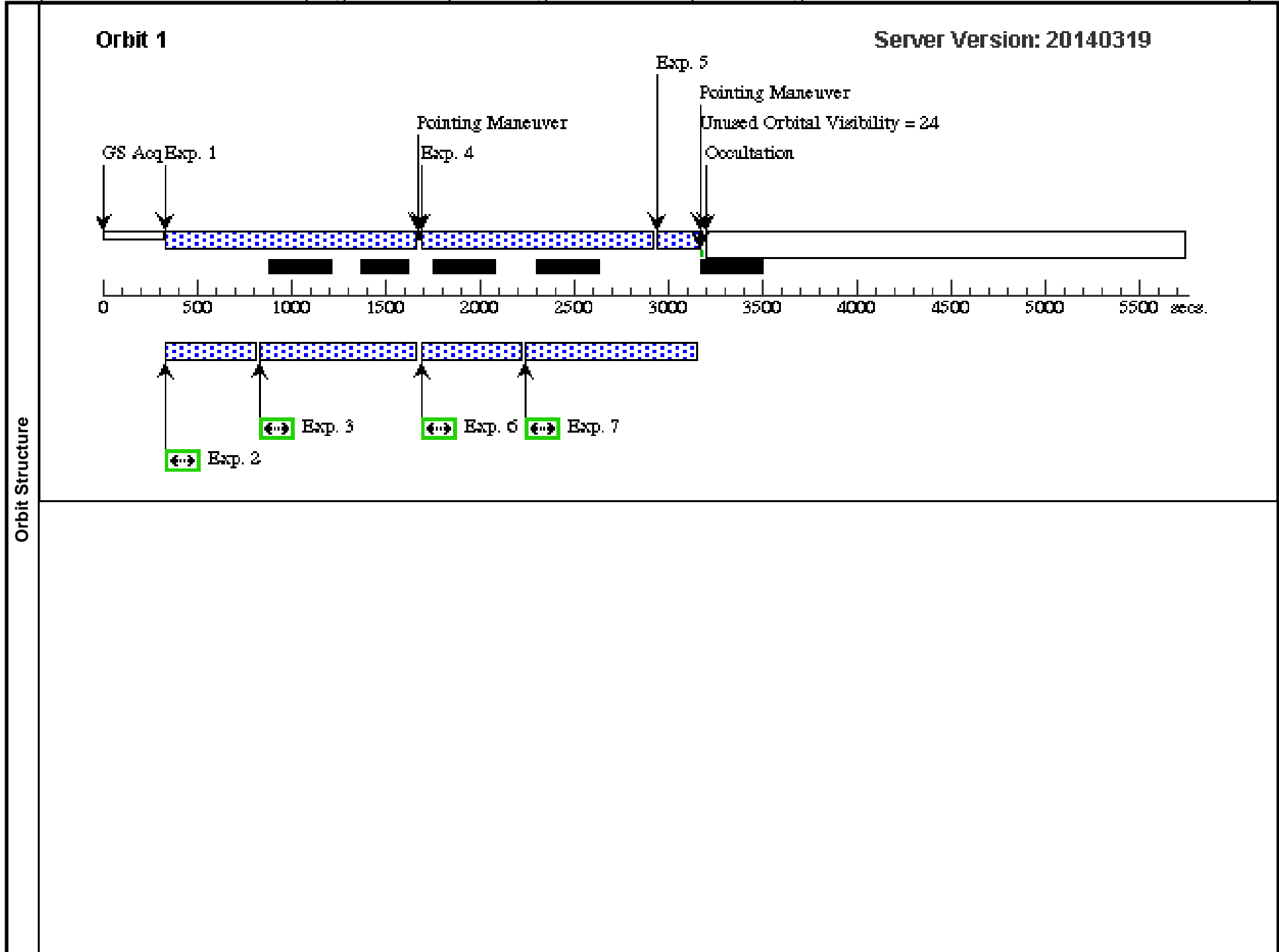
Proposal 13420 - Visit 10 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

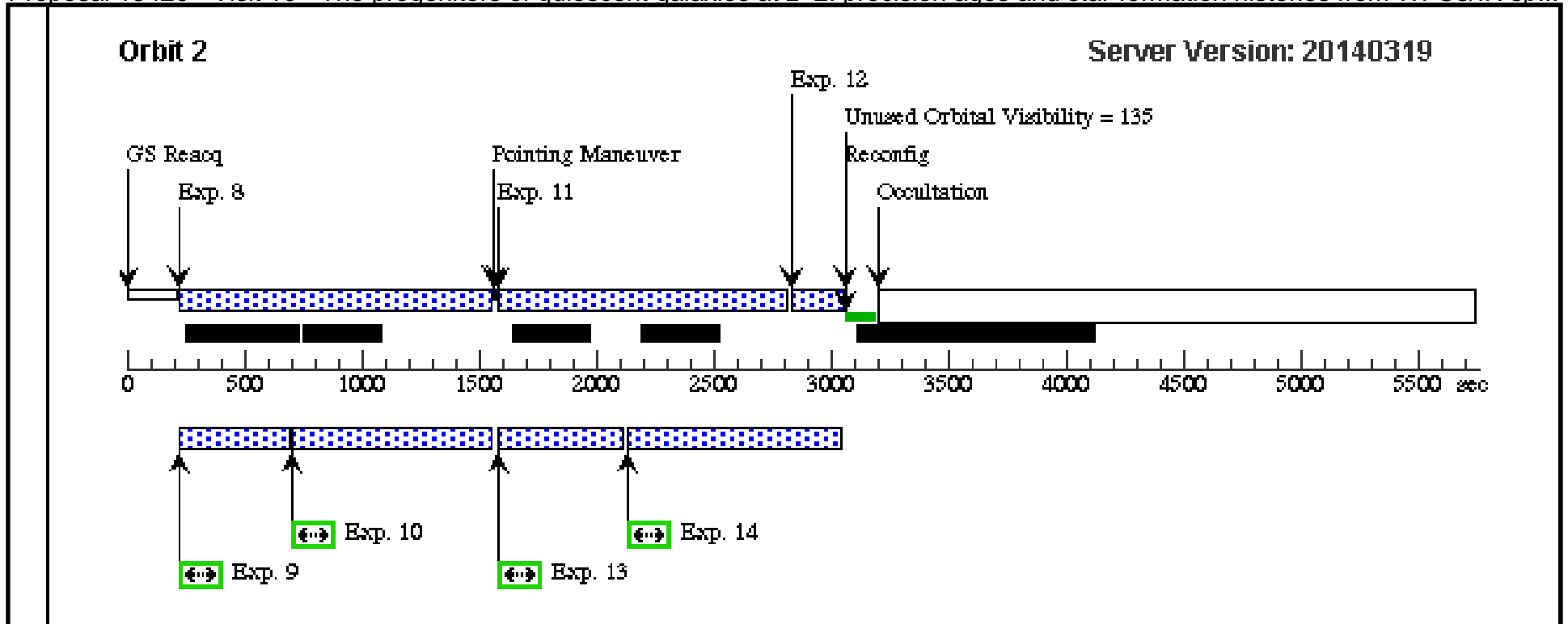
Fri May 02 01:12:02 GMT 2014

| | | | | | | |
|----------------------|---|-------------|--|---------------------------------|---------------|-----------------------|
| Visit | Proposal 13420, Visit 10, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | |
| | (Visit 10) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 10) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 10) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | |
| Diagnosics | | | | | | |
| | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (10) | GDN10 | RA: 12 36 32.5800 (189.1357500d) Dec: +62 10 8.60 (62.16906d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |

Proposal 13420 - Visit 10 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (10) GDN10 | (10) GDN10 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 10 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (10) GDN10 | (10) GDN10 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 10 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (10) GDN10 | (10) GDN10 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 10 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (10) GDN10 | (10) GDN10 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 10 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (10) GDN10 | (10) GDN10 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 4 | Prime + Parallel Group 4-7 in Visit 10 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (10) GDN10 | (10) GDN10 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 10 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (10) GDN10 | (10) GDN10 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 10 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (10) GDN10 | (10) GDN10 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 10 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (10) GDN10 | (10) GDN10 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 10 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (10) GDN10 | (10) GDN10 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 10 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (10) GDN10 | (10) GDN10 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 10 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (10) GDN10 | (10) GDN10 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 10 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (10) GDN10 | (10) GDN10 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 10 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (10) GDN10 | (10) GDN10 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 10 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |



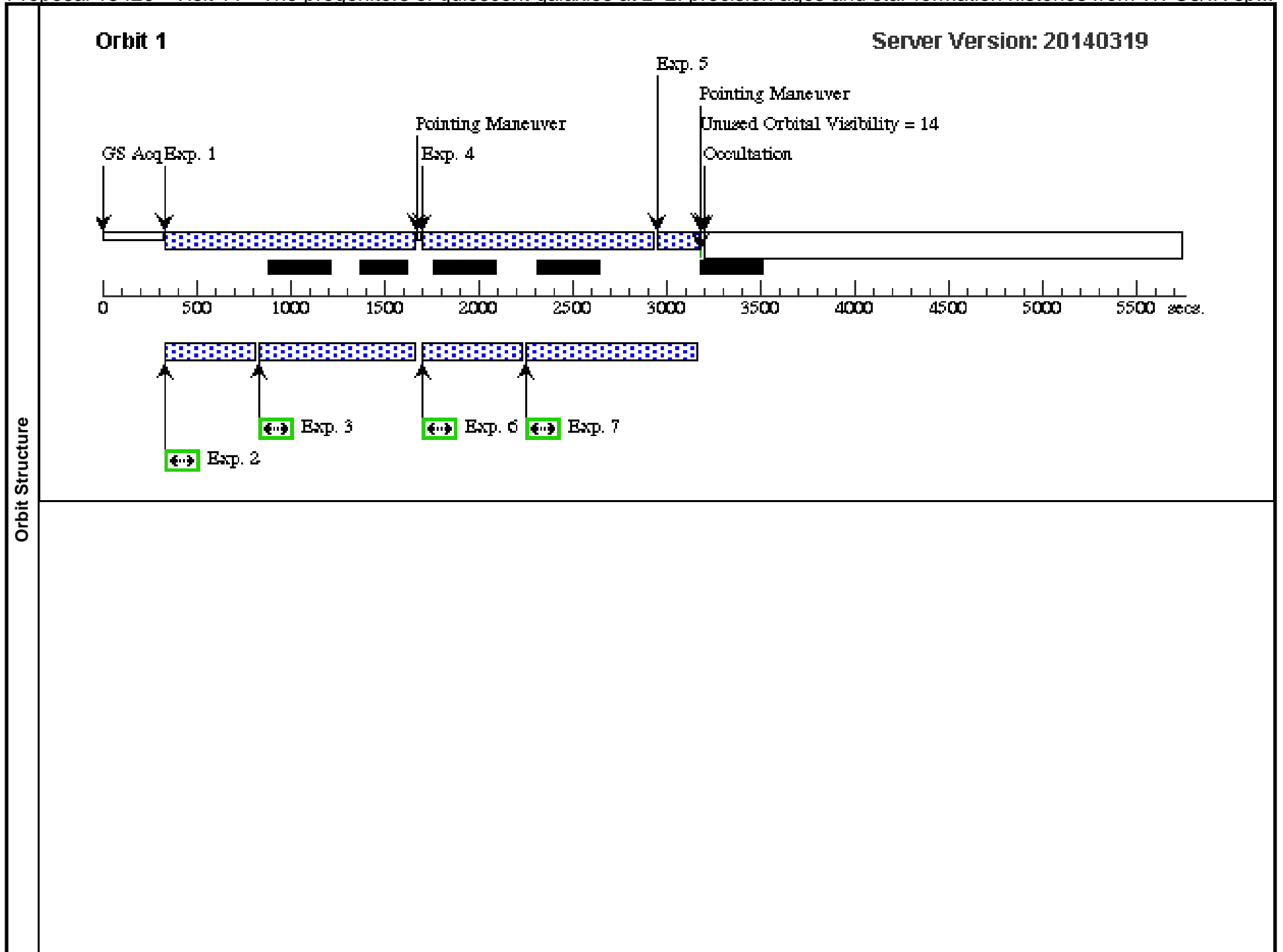


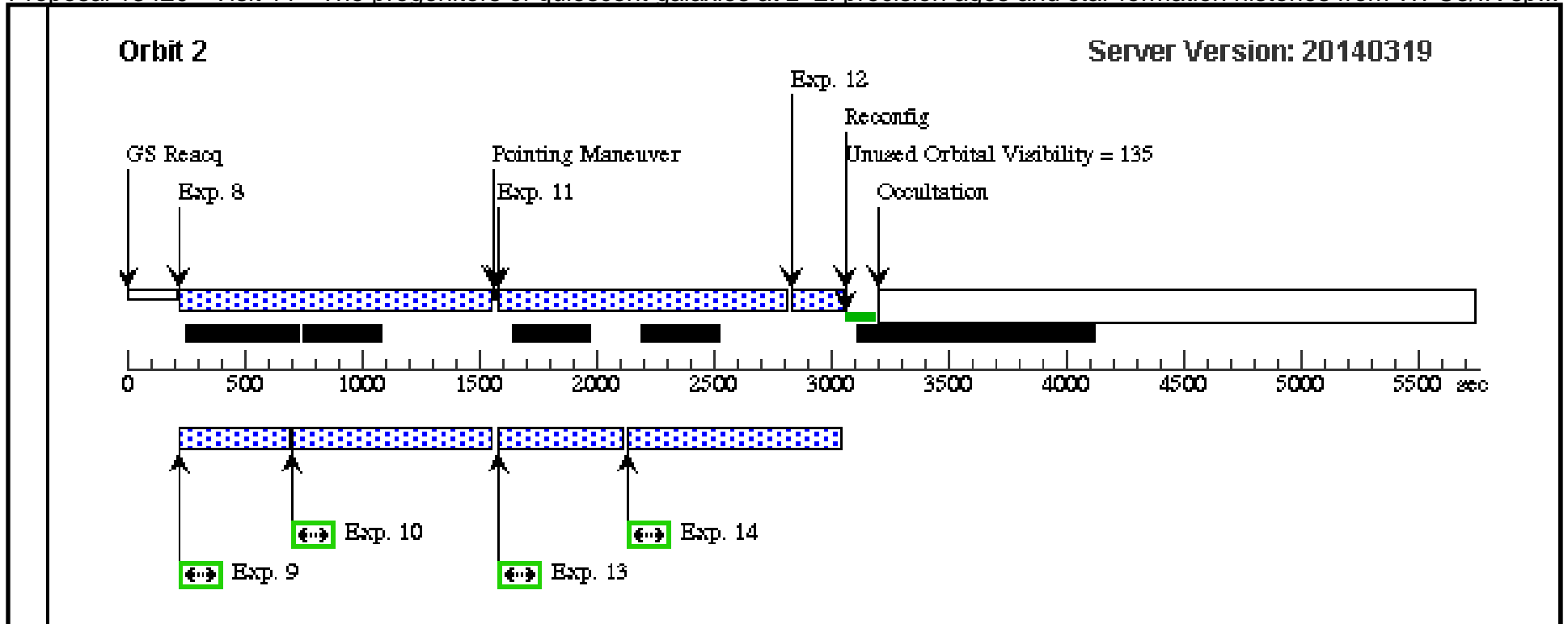
Proposal 13420 - Visit 11 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| Visit | Proposal 13420, Visit 11, completed Fri May 02 01:12:03 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|--|--|--------------------|--------------------------|-----------------------|---------------|---|------|--------------------|--------------------------|--------|---------------|------|-------|---|--|------------|
| | Diagnostics | (Visit 11) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 11) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 11) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE | | | | | | | | | | | | | | | |
| Fixed Targets | | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(11)</td> <td>GDN11</td> <td>RA: 12 36 44.0200 (189.1834167d) Dec: +62 11 28.70 (62.19131d) Equinox: J2000</td> <td></td> <td>V=21+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (11) | GDN11 | RA: 12 36 44.0200 (189.1834167d) Dec: +62 11 28.70 (62.19131d) Equinox: J2000 | | V=21+/-0.1 |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (11) | GDN11 | RA: 12 36 44.0200 (189.1834167d) Dec: +62 11 28.70 (62.19131d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 11 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (11) GDN11 | (11) GDN11 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 11 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (11) GDN11 | (11) GDN11 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 11 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (11) GDN11 | (11) GDN11 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 11 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (11) GDN11 | (11) GDN11 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 11 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (11) GDN11 | (11) GDN11 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 11 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (11) GDN11 | (11) GDN11 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 11 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (11) GDN11 | (11) GDN11 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 11 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (11) GDN11 | (11) GDN11 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 11 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (11) GDN11 | (11) GDN11 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 11 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (11) GDN11 | (11) GDN11 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 11 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (11) GDN11 | (11) GDN11 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 11 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (11) GDN11 | (11) GDN11 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 11 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (11) GDN11 | (11) GDN11 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 11 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (11) GDN11 | (11) GDN11 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 11 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |



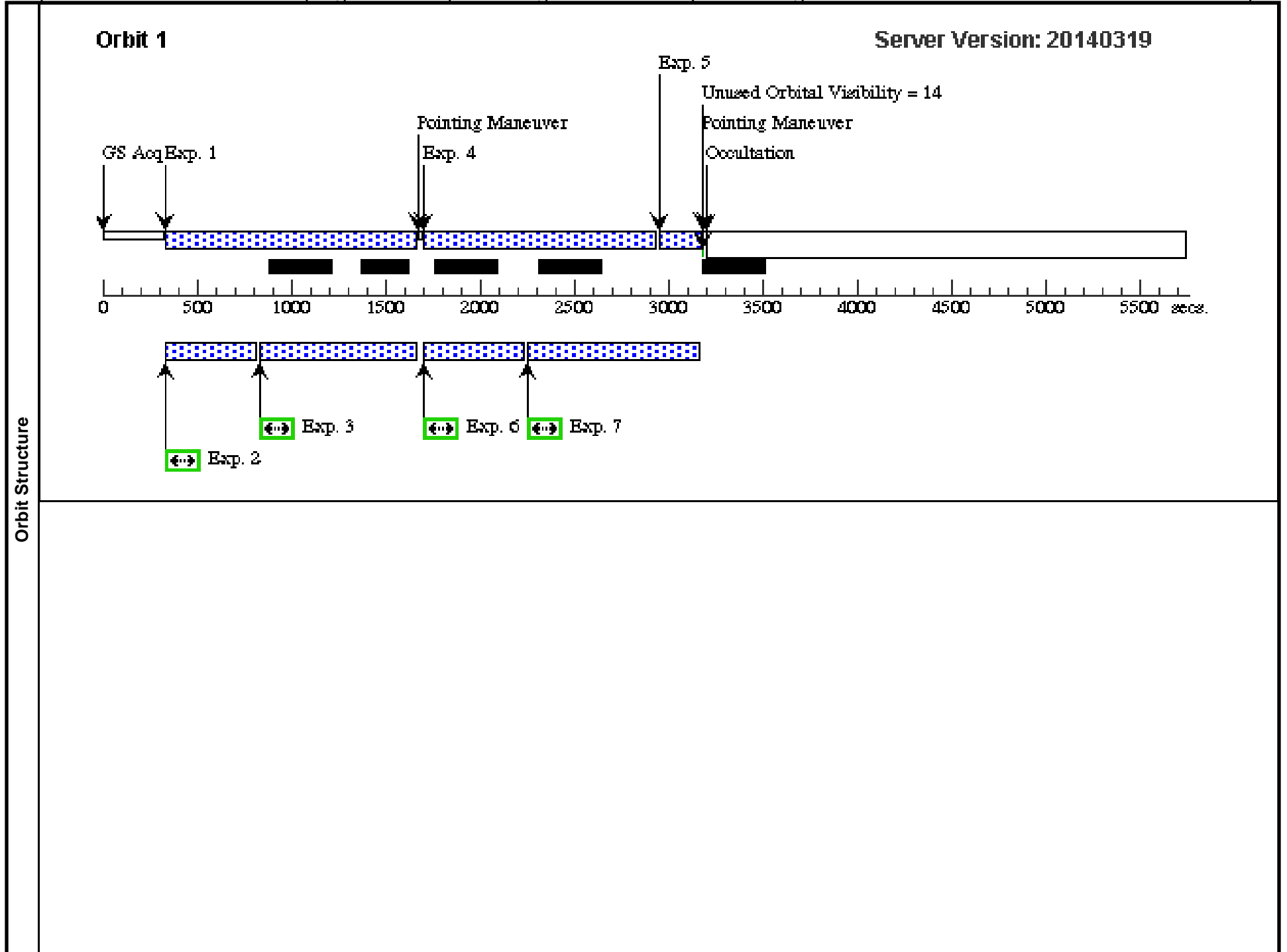


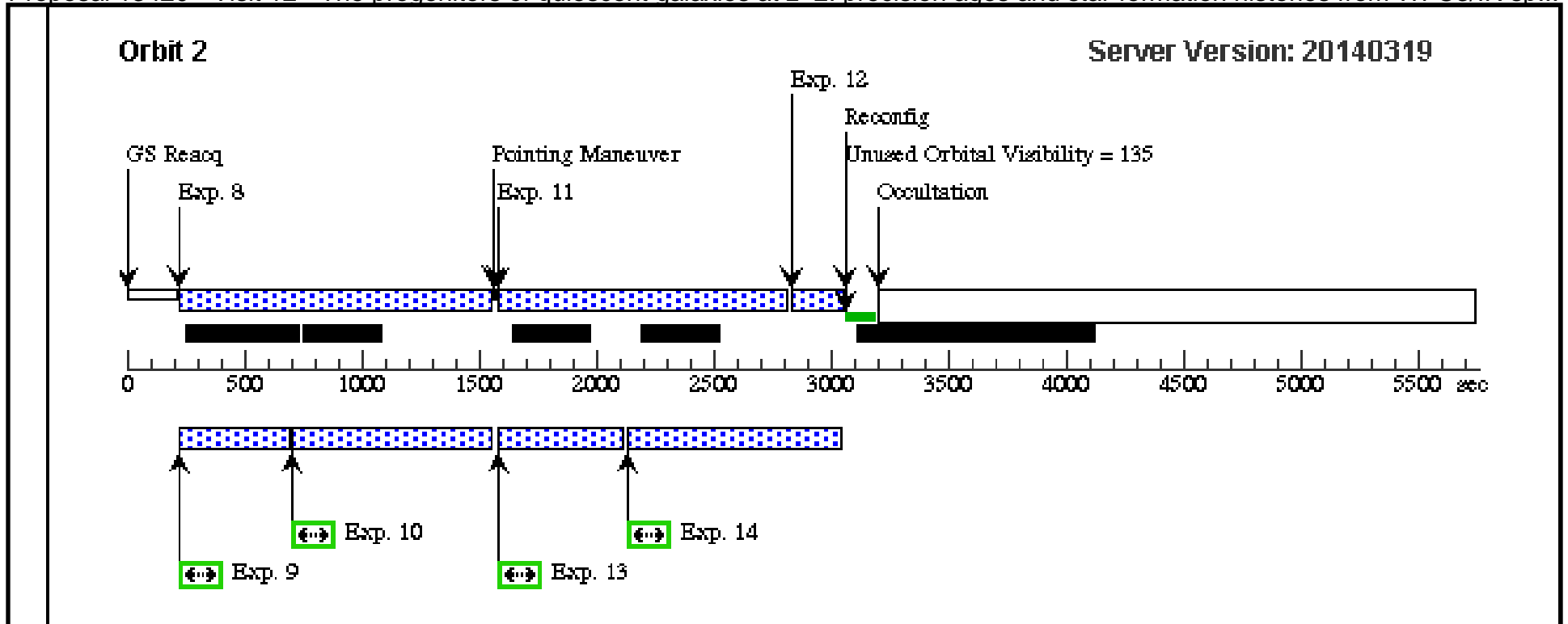
Proposal 13420 - Visit 12 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| | | | | | | |
|----------------------|---|-------------|---|---------------------------------|---------------|-----------------------|
| Visit | Proposal 13420, Visit 12, completed Fri May 02 01:12:04 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | |
| | (Visit 12) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 12) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 12) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE | | | | | |
| Diagnosics | | | | | | |
| | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (12) | GDN12 | RA: 12 36 55.4800 (189.2311667d) Dec: +62 12 48.70 (62.21353d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |

Proposal 13420 - Visit 12 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (12) GDN12 | (12) GDN12 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 12 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (12) GDN12 | (12) GDN12 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 12 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (12) GDN12 | (12) GDN12 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 12 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (12) GDN12 | (12) GDN12 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 12 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (12) GDN12 | (12) GDN12 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 12 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (12) GDN12 | (12) GDN12 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 12 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (12) GDN12 | (12) GDN12 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 12 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (12) GDN12 | (12) GDN12 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 12 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (12) GDN12 | (12) GDN12 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 12 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (12) GDN12 | (12) GDN12 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 12 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (12) GDN12 | (12) GDN12 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 12 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (12) GDN12 | (12) GDN12 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 12 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (12) GDN12 | (12) GDN12 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 12 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (12) GDN12 | (12) GDN12 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 12 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |



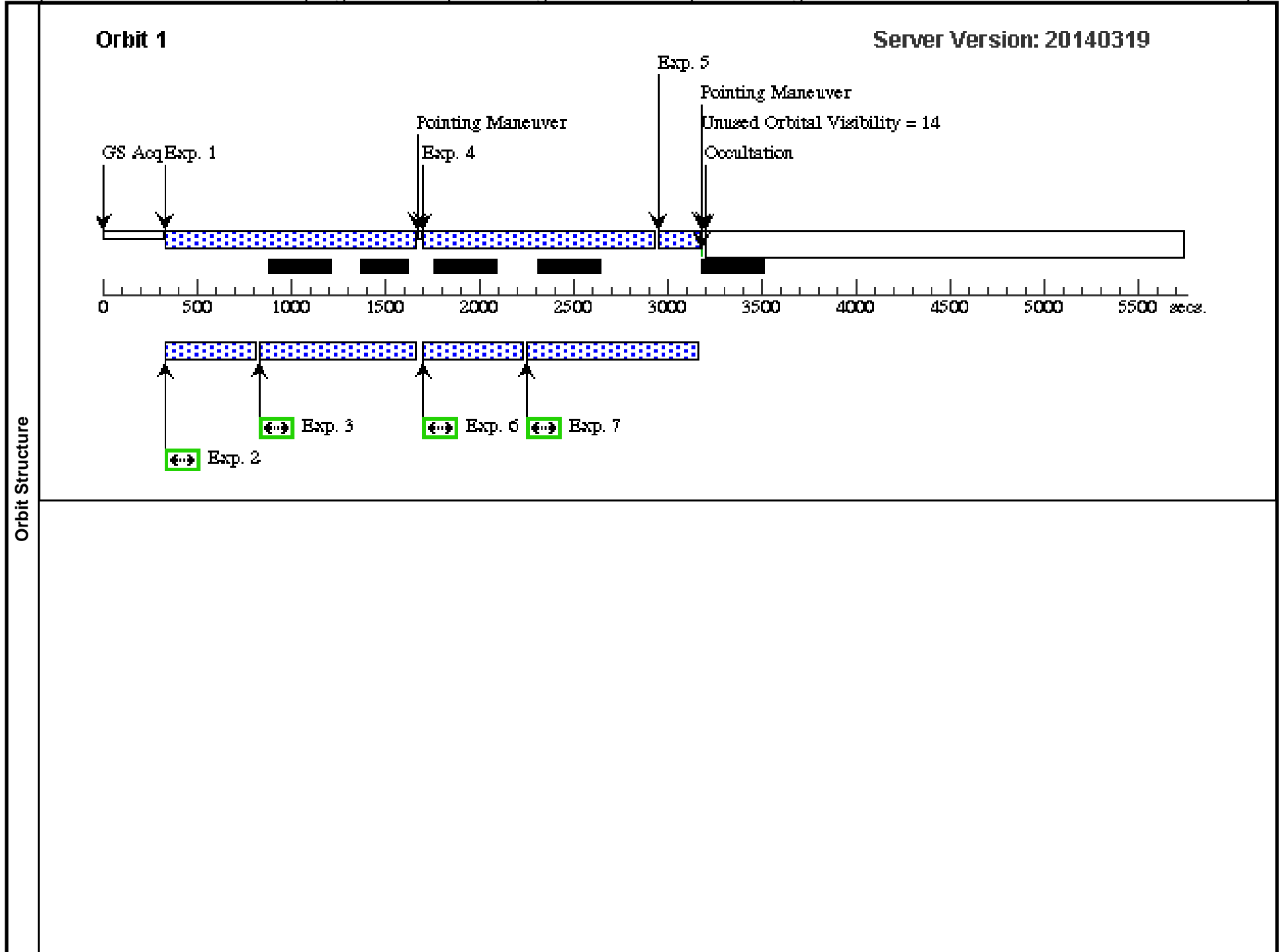


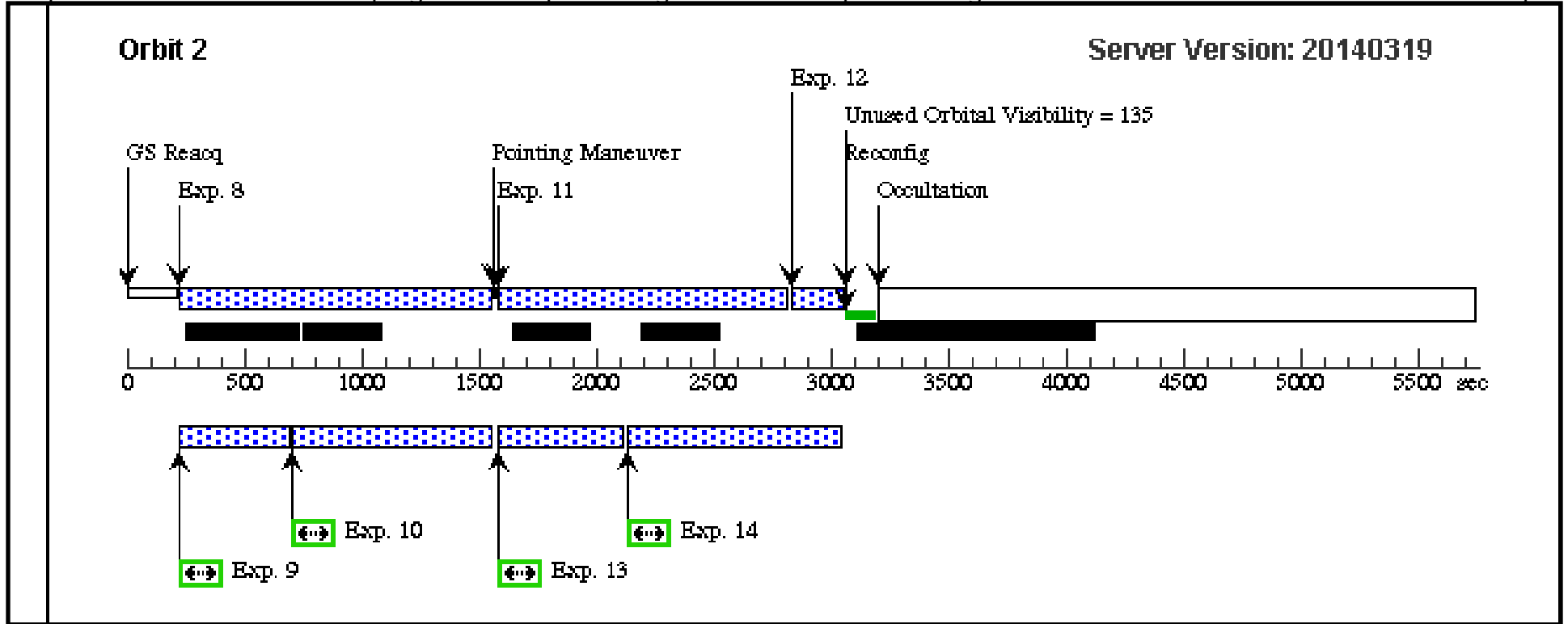
Proposal 13420 - Visit 13 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| | | | | | | |
|----------------------|--|-------------|---|---------------------------------|---------------|-----------------------|
| Visit | Proposal 13420, Visit 13, completed Fri May 02 01:12:05 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | |
| | (Visit 13) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 13) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 13) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE | | | | | |
| Diagnosics | | | | | | |
| | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (13) | GDN13 | RA: 12 36 34.1900 (189.1424583d) Dec: +62 07 17.20 (62.12144d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |

Proposal 13420 - Visit 13 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (13) GDN13 | (13) GDN13 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 13 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (13) GDN13 | (13) GDN13 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 13 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (13) GDN13 | (13) GDN13 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 13 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (13) GDN13 | (13) GDN13 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 13 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (13) GDN13 | (13) GDN13 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 13 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (13) GDN13 | (13) GDN13 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 13 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (13) GDN13 | (13) GDN13 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 13 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (13) GDN13 | (13) GDN13 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 13 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (13) GDN13 | (13) GDN13 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 13 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (13) GDN13 | (13) GDN13 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 13 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (13) GDN13 | (13) GDN13 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 13 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (13) GDN13 | (13) GDN13 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 13 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (13) GDN13 | (13) GDN13 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 13 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (13) GDN13 | (13) GDN13 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 13 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |



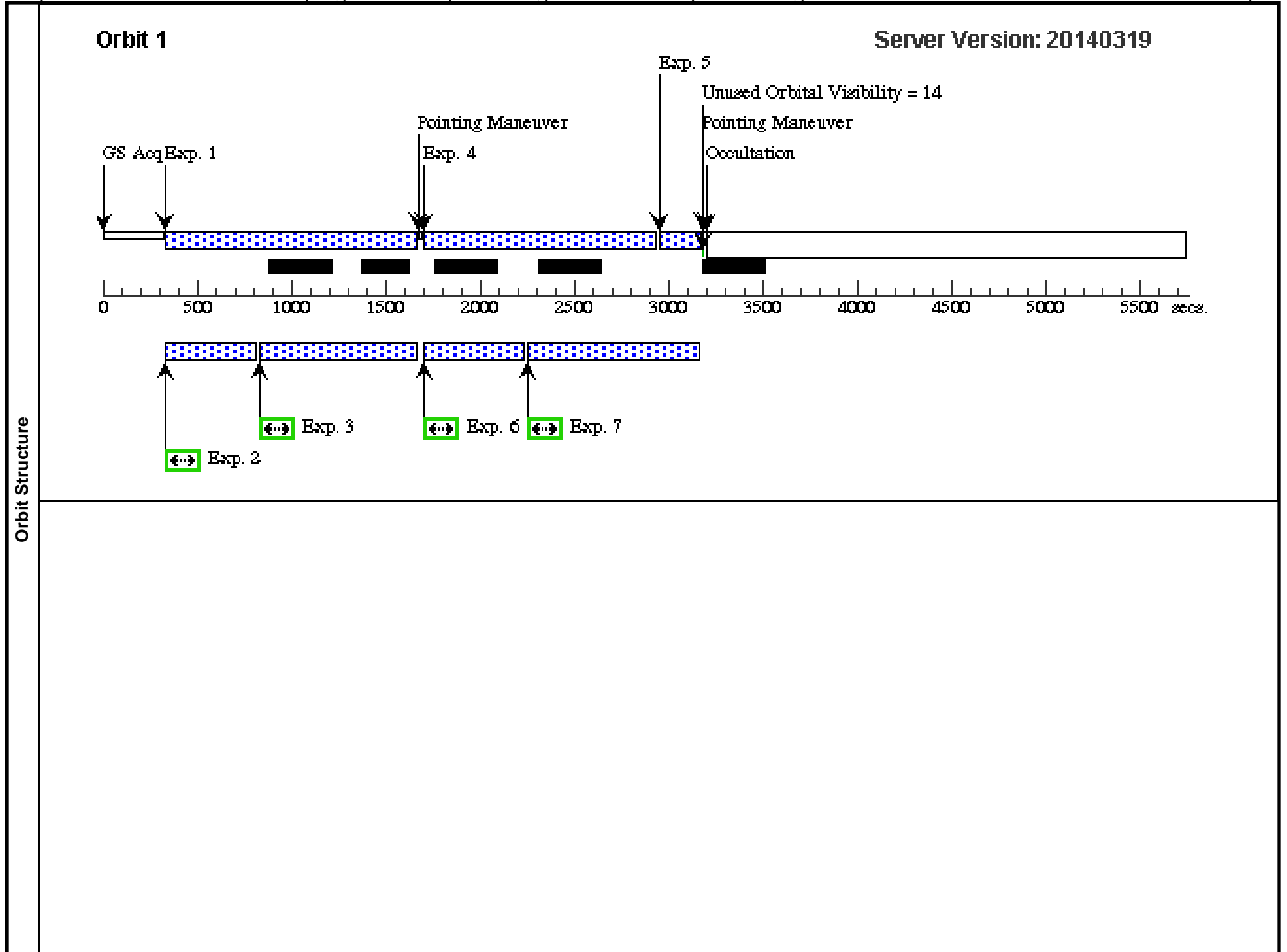


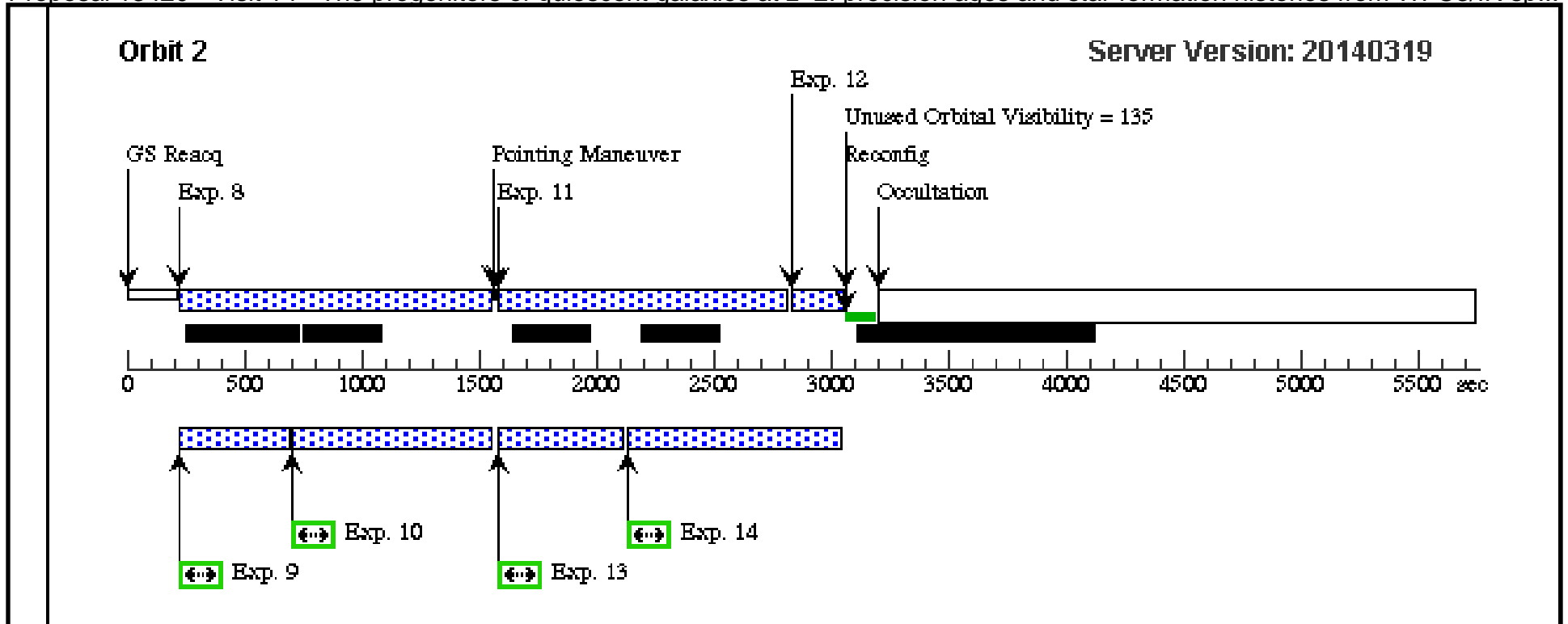
Proposal 13420 - Visit 14 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| | | | | | | |
|----------------------|--|-------------|---|---------------------------------|---------------|-----------------------|
| Visit | Proposal 13420, Visit 14, completed Fri May 02 01:12:06 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | |
| | (Visit 14) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 14) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 14) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE | | | | | |
| Diagnosics | | | | | | |
| | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (14) | GDN14 | RA: 12 36 45.6500 (189.1902083d) Dec: +62 08 37.30 (62.14369d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |

Proposal 13420 - Visit 14 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (14) GDN14 | (14) GDN14 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 14 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (14) GDN14 | (14) GDN14 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 14 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (14) GDN14 | (14) GDN14 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 14 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (14) GDN14 | (14) GDN14 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 14 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (14) GDN14 | (14) GDN14 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 14 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (14) GDN14 | (14) GDN14 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 14 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (14) GDN14 | (14) GDN14 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 14 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (14) GDN14 | (14) GDN14 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 14 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (14) GDN14 | (14) GDN14 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 14 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (14) GDN14 | (14) GDN14 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 14 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (14) GDN14 | (14) GDN14 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 14 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (14) GDN14 | (14) GDN14 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 14 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (14) GDN14 | (14) GDN14 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 14 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (14) GDN14 | (14) GDN14 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 14 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |





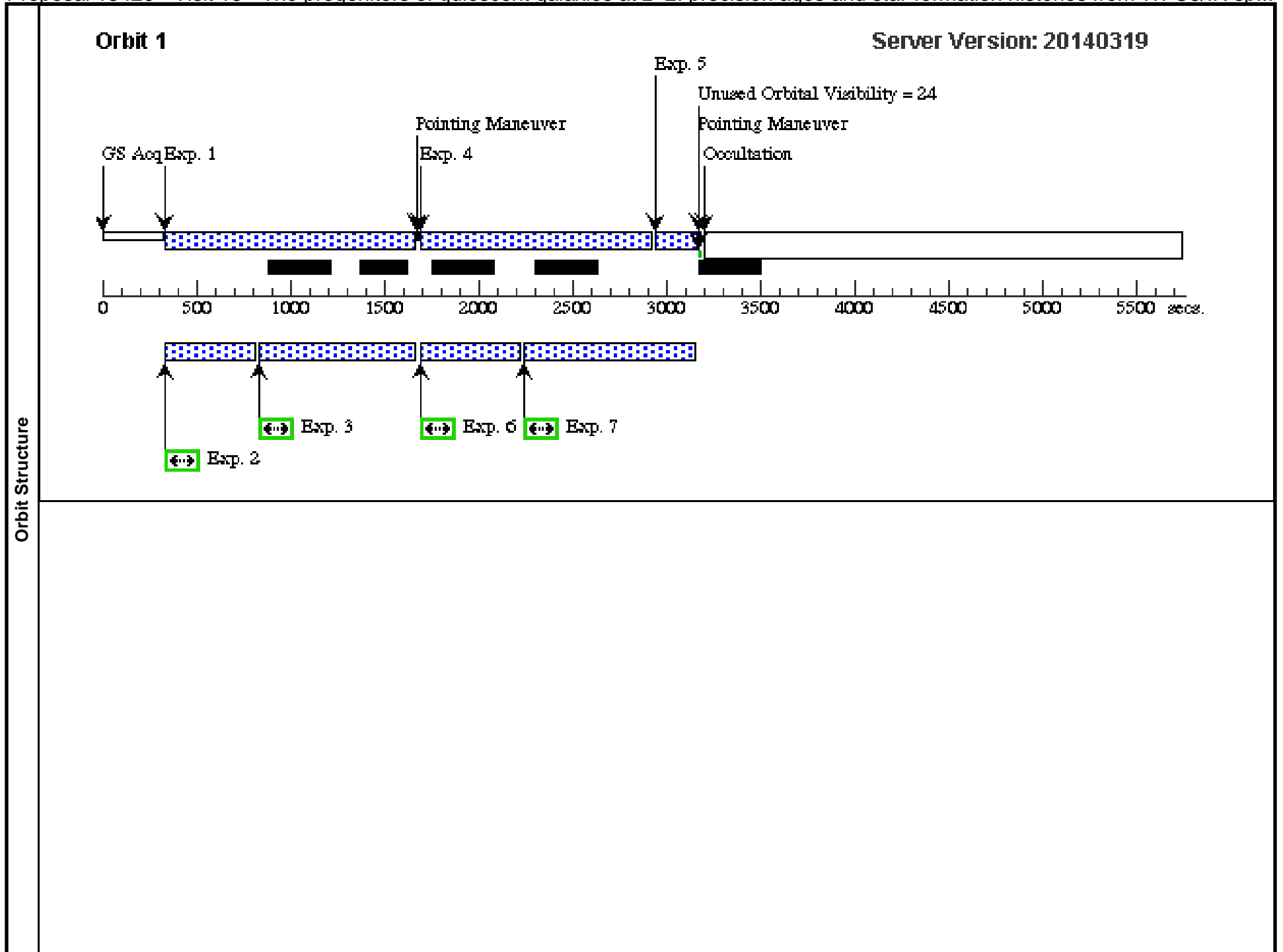
Proposal 13420 - Visit 15 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

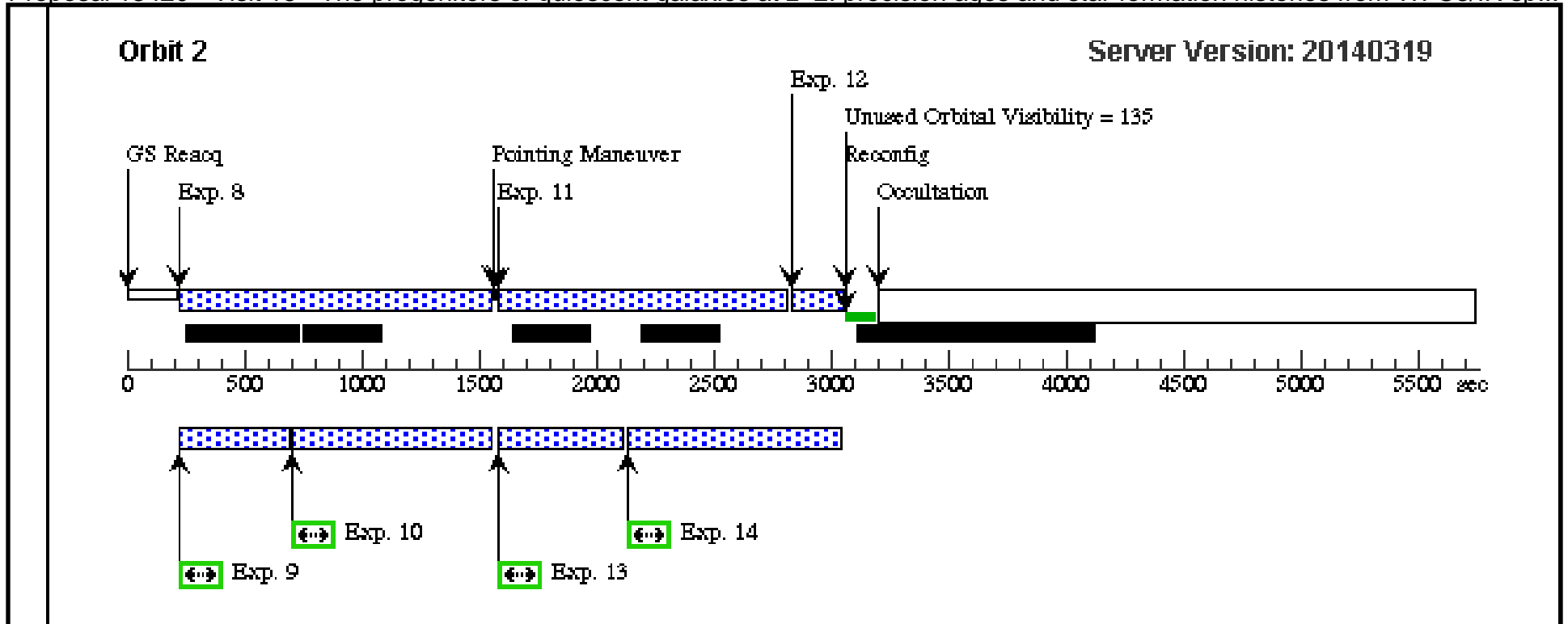
Fri May 02 01:12:07 GMT 2014

| | | | | | | |
|----------------------|---|-------------|---|---------------------------------|---------------|-----------------------|
| Visit | Proposal 13420, Visit 15, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | |
| | (Visit 15) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 15) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 15) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (15) | GDN15 | RA: 12 36 57.0900 (189.2378750d) Dec: +62 09 57.30 (62.16592d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |

Proposal 13420 - Visit 15 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (15) GDN15 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 15 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (15) GDN15 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 15 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (15) GDN15 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 15 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (15) GDN15 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 15 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (15) GDN15 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 4 | Prime + Parallel Group 4-7 in Visit 15 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (15) GDN15 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 15 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (15) GDN15 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 15 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (15) GDN15 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 15 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (15) GDN15 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 15 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (15) GDN15 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 15 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (15) GDN15 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 15 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (15) GDN15 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 15 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (15) GDN15 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 15 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (15) GDN15 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 15 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |



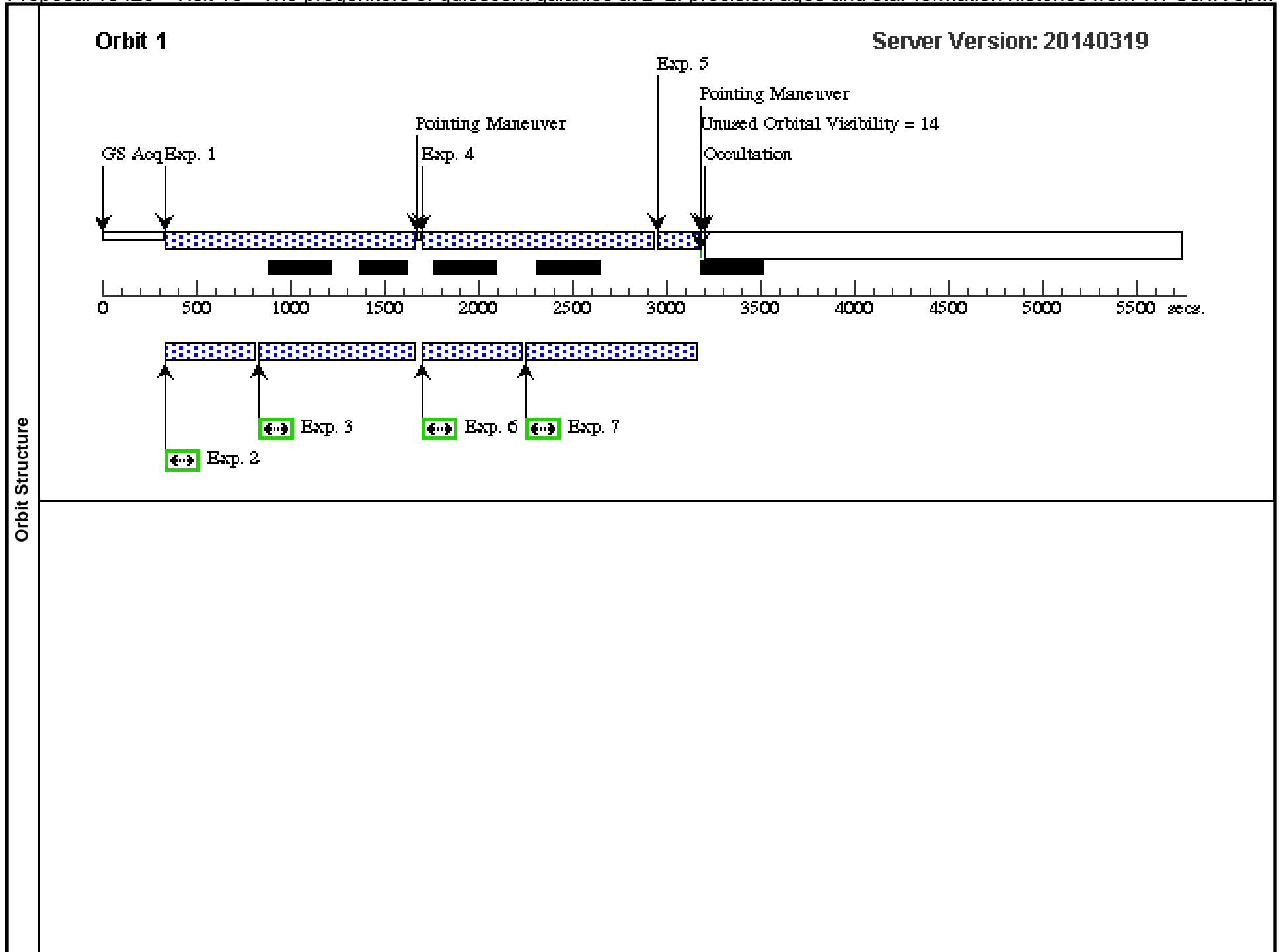


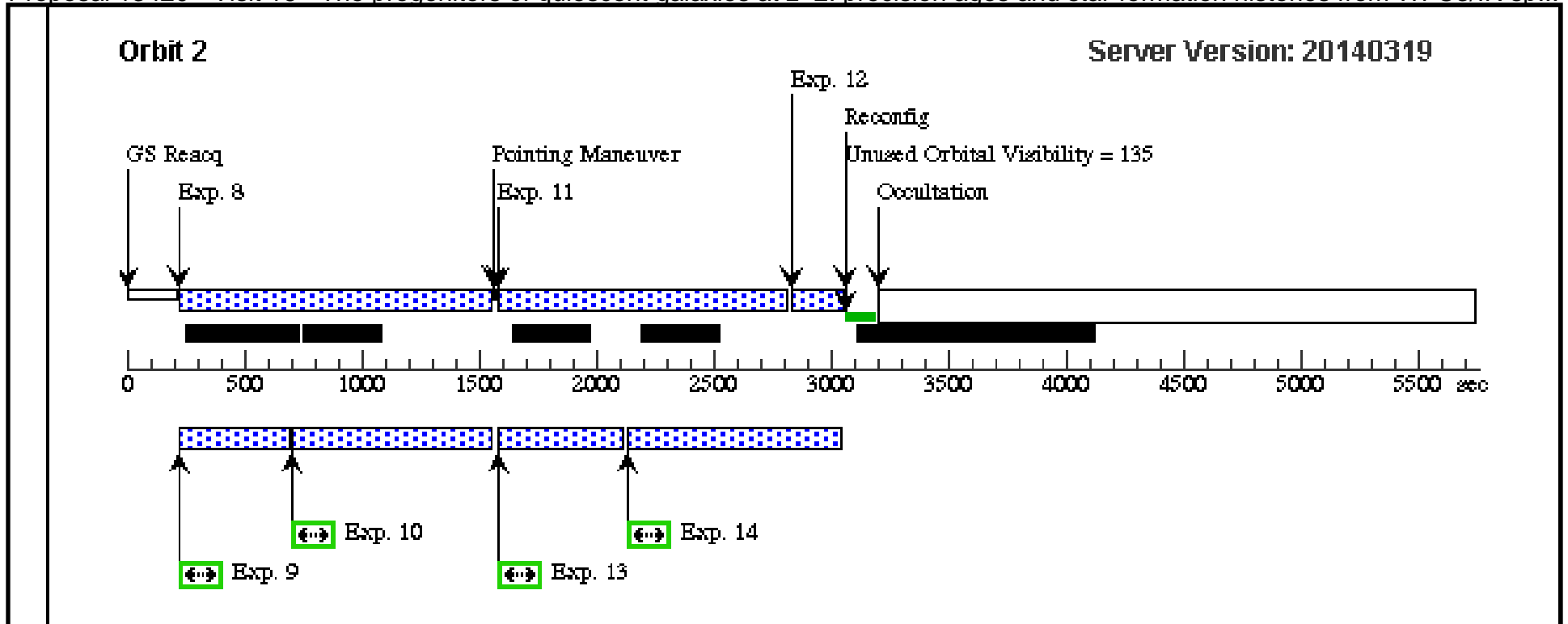
Proposal 13420 - Visit 16 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| Visit | Proposal 13420, Visit 16, completed Fri May 02 01:12:08 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|--|--|--------------------|--------------------------|-----------------------|---------------|---|------|--------------------|--------------------------|--------|---------------|------|-------|--|--|------------|
| | Diagnostics | (Visit 16) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 16) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 16) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE | | | | | | | | | | | | | | | |
| Fixed Targets | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">#</th> <th style="width: 20%;">Name</th> <th style="width: 30%;">Target Coordinates</th> <th style="width: 20%;">Targ. Coord. Corrections</th> <th style="width: 10%;">Fluxes</th> <th style="width: 15%;">Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(16)</td> <td>GDN16</td> <td> RA: 12 37 8.5500 (189.2856250d) Dec: +62 11 17.30 (62.18814d) Equinox: J2000 </td> <td></td> <td>V=21+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (16) | GDN16 | RA: 12 37 8.5500 (189.2856250d) Dec: +62 11 17.30 (62.18814d) Equinox: J2000 | | V=21+/-0.1 |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (16) | GDN16 | RA: 12 37 8.5500 (189.2856250d) Dec: +62 11 17.30 (62.18814d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 16 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (16) GDN16 | (16) GDN16 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 16 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (16) GDN16 | (16) GDN16 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 16 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (16) GDN16 | (16) GDN16 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 16 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (16) GDN16 | (16) GDN16 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 16 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (16) GDN16 | (16) GDN16 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 16 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (16) GDN16 | (16) GDN16 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 16 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (16) GDN16 | (16) GDN16 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 16 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (16) GDN16 | (16) GDN16 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 16 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (16) GDN16 | (16) GDN16 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 16 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (16) GDN16 | (16) GDN16 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 16 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (16) GDN16 | (16) GDN16 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 16 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (16) GDN16 | (16) GDN16 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 16 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (16) GDN16 | (16) GDN16 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 16 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (16) GDN16 | (16) GDN16 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 16 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |





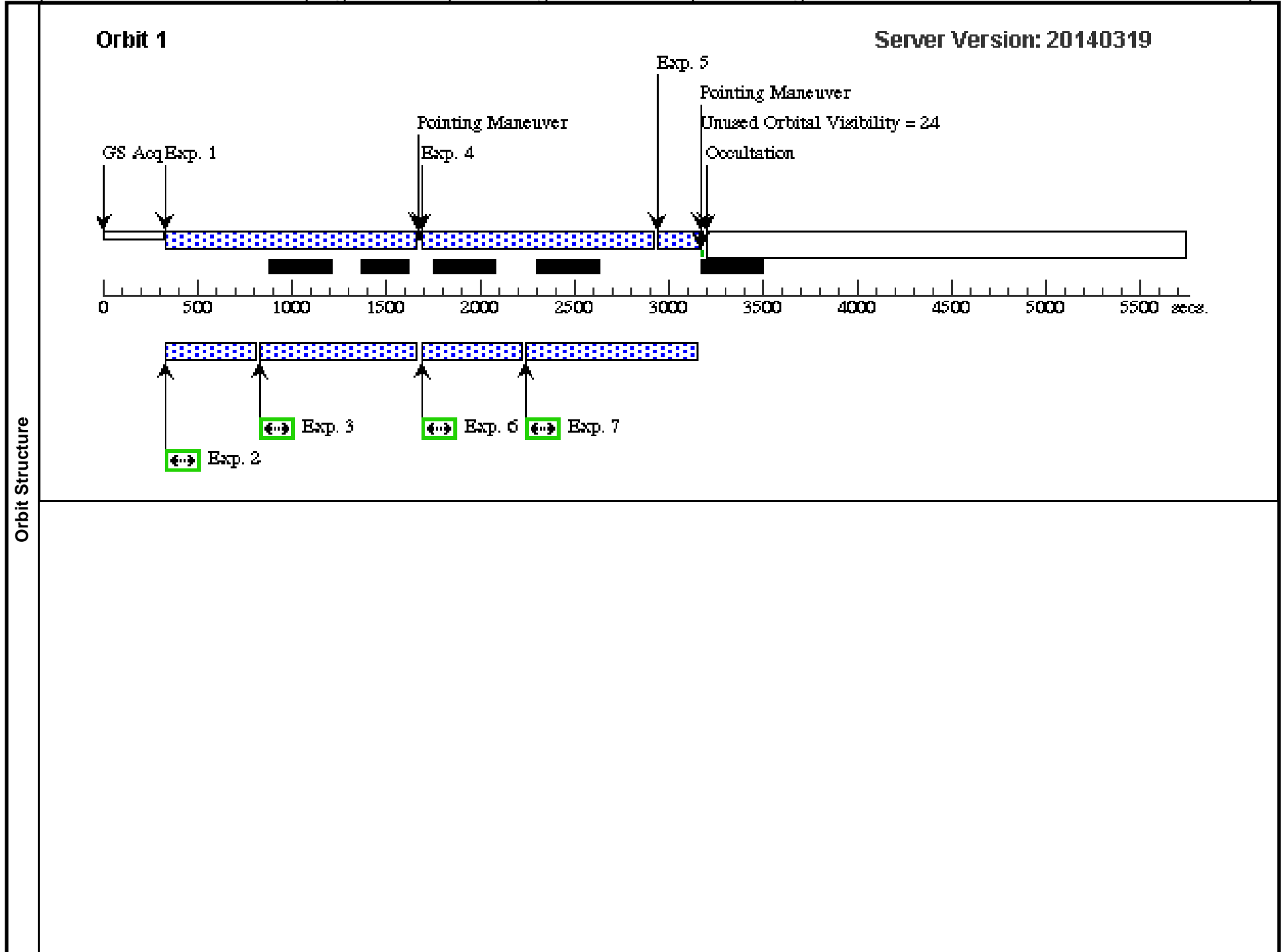
Proposal 13420 - Visit 17 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

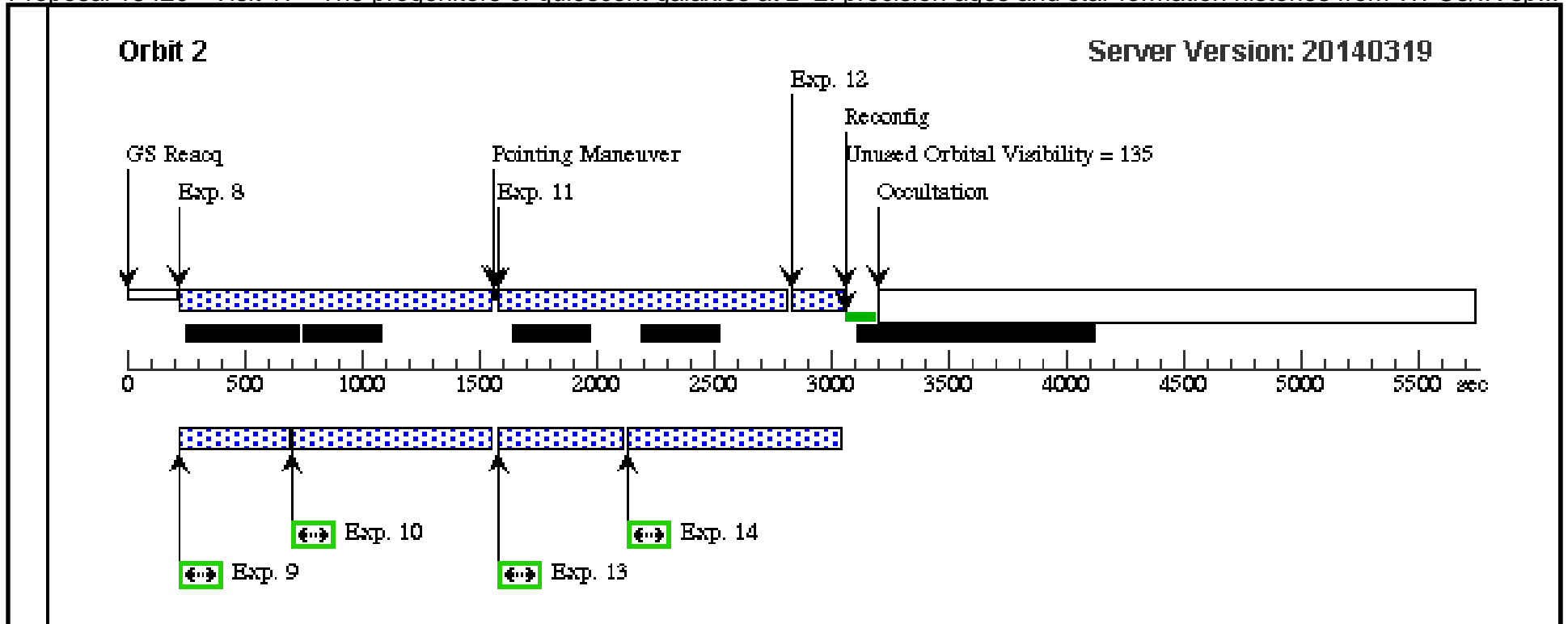
Fri May 02 01:12:09 GMT 2014

| | | | | | | |
|----------------------|---|-------------|---|---------------------------------|---------------|-----------------------|
| Visit | Proposal 13420, Visit 17, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | |
| | (Visit 17) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 17) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 17) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE | | | | | |
| Diagnosics | | | | | | |
| | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (17) | GDN17 | RA: 12 36 40.7800 (189.1699167d) Dec: +62 17 11.50 (62.28653d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |

Proposal 13420 - Visit 17 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (17) GDN17 | (17) GDN17 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 17 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (17) GDN17 | (17) GDN17 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 17 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (17) GDN17 | (17) GDN17 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 17 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (17) GDN17 | (17) GDN17 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 17 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (17) GDN17 | (17) GDN17 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 4 | Prime + Parallel Group 4-7 in Visit 17 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (17) GDN17 | (17) GDN17 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 17 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (17) GDN17 | (17) GDN17 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 17 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (17) GDN17 | (17) GDN17 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 17 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (17) GDN17 | (17) GDN17 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 17 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (17) GDN17 | (17) GDN17 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 17 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (17) GDN17 | (17) GDN17 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 17 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (17) GDN17 | (17) GDN17 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 17 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (17) GDN17 | (17) GDN17 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 17 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (17) GDN17 | (17) GDN17 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 17 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |



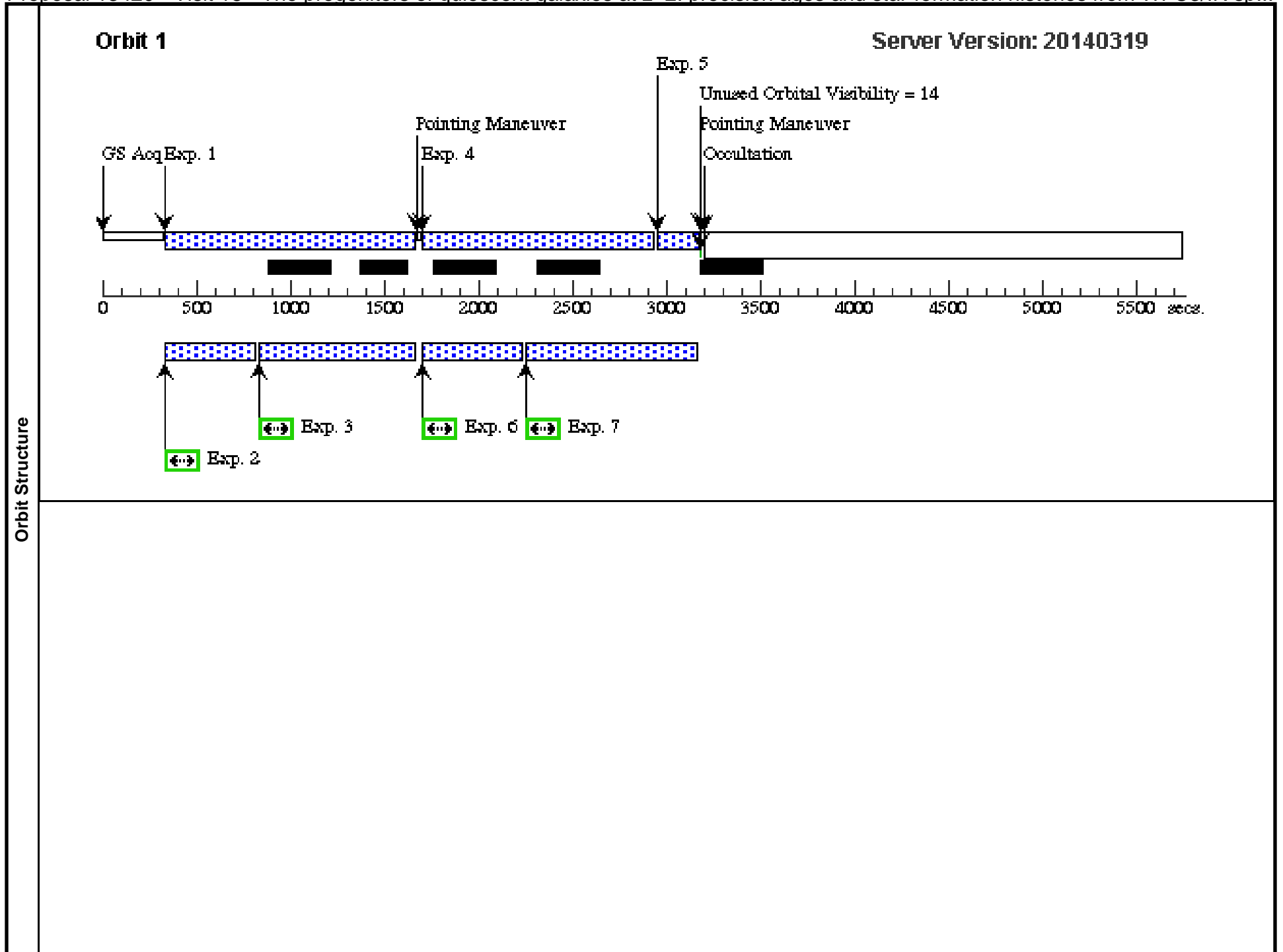


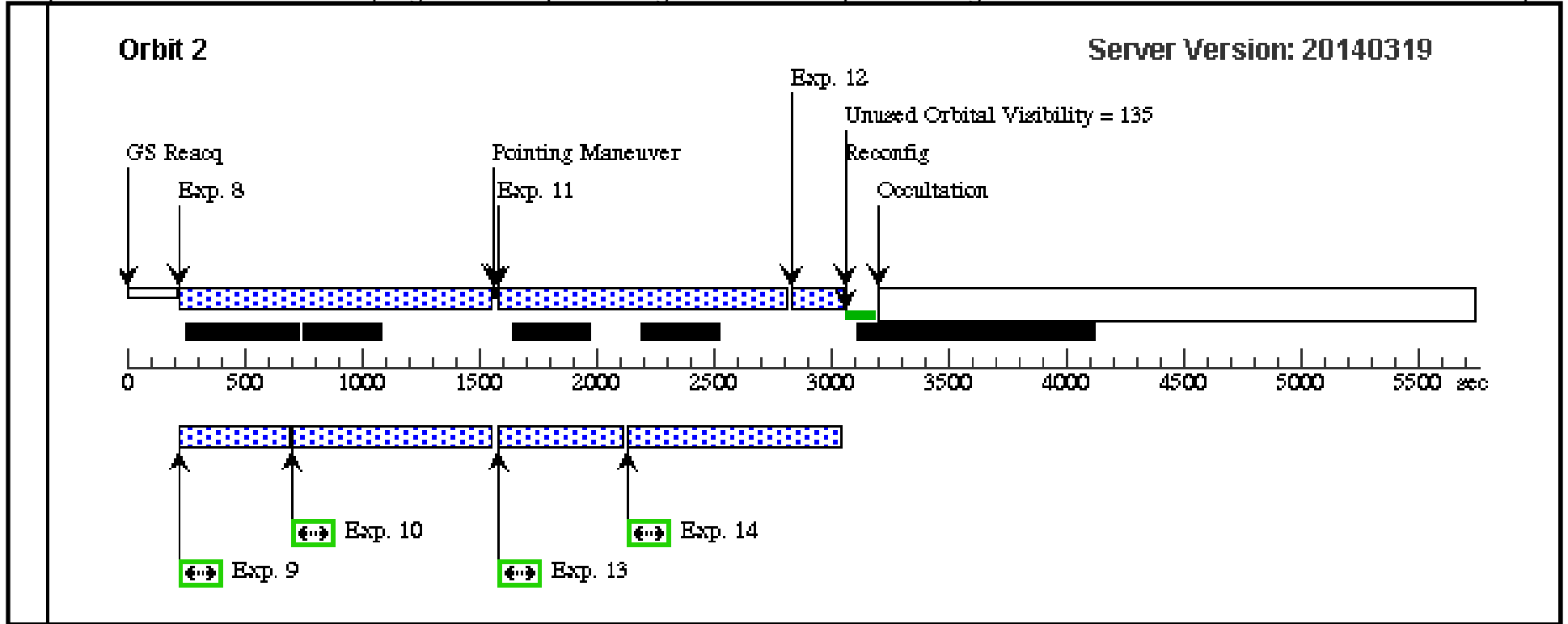
Proposal 13420 - Visit 18 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| Visit | Proposal 13420, Visit 18, completed Fri May 02 01:12:10 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 345D TO 15 D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|---|--|--------------------|--------------------------|-----------------------|---------------|---|------|--------------------|--------------------------|--------|---------------|------|-------|---|--|------------|
| | Diagnostics | (Visit 18) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 18) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 18) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | | | | | | | | |
| Fixed Targets | | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(18)</td> <td>GDN18</td> <td>RA: 12 36 52.2200 (189.2175833d) Dec: +62 18 31.50 (62.30875d) Equinox: J2000</td> <td></td> <td>V=21+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (18) | GDN18 | RA: 12 36 52.2200 (189.2175833d) Dec: +62 18 31.50 (62.30875d) Equinox: J2000 | | V=21+/-0.1 |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (18) | GDN18 | RA: 12 36 52.2200 (189.2175833d) Dec: +62 18 31.50 (62.30875d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 18 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (18) GDN18 | (18) GDN18 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 18 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (18) GDN18 | (18) GDN18 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 18 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (18) GDN18 | (18) GDN18 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 18 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (18) GDN18 | (18) GDN18 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 18 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (18) GDN18 | (18) GDN18 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 18 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (18) GDN18 | (18) GDN18 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 18 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (18) GDN18 | (18) GDN18 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 18 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (18) GDN18 | (18) GDN18 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 18 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (18) GDN18 | (18) GDN18 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 18 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (18) GDN18 | (18) GDN18 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 18 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (18) GDN18 | (18) GDN18 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 18 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (18) GDN18 | (18) GDN18 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 18 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (18) GDN18 | (18) GDN18 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 18 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (18) GDN18 | (18) GDN18 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 18 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |



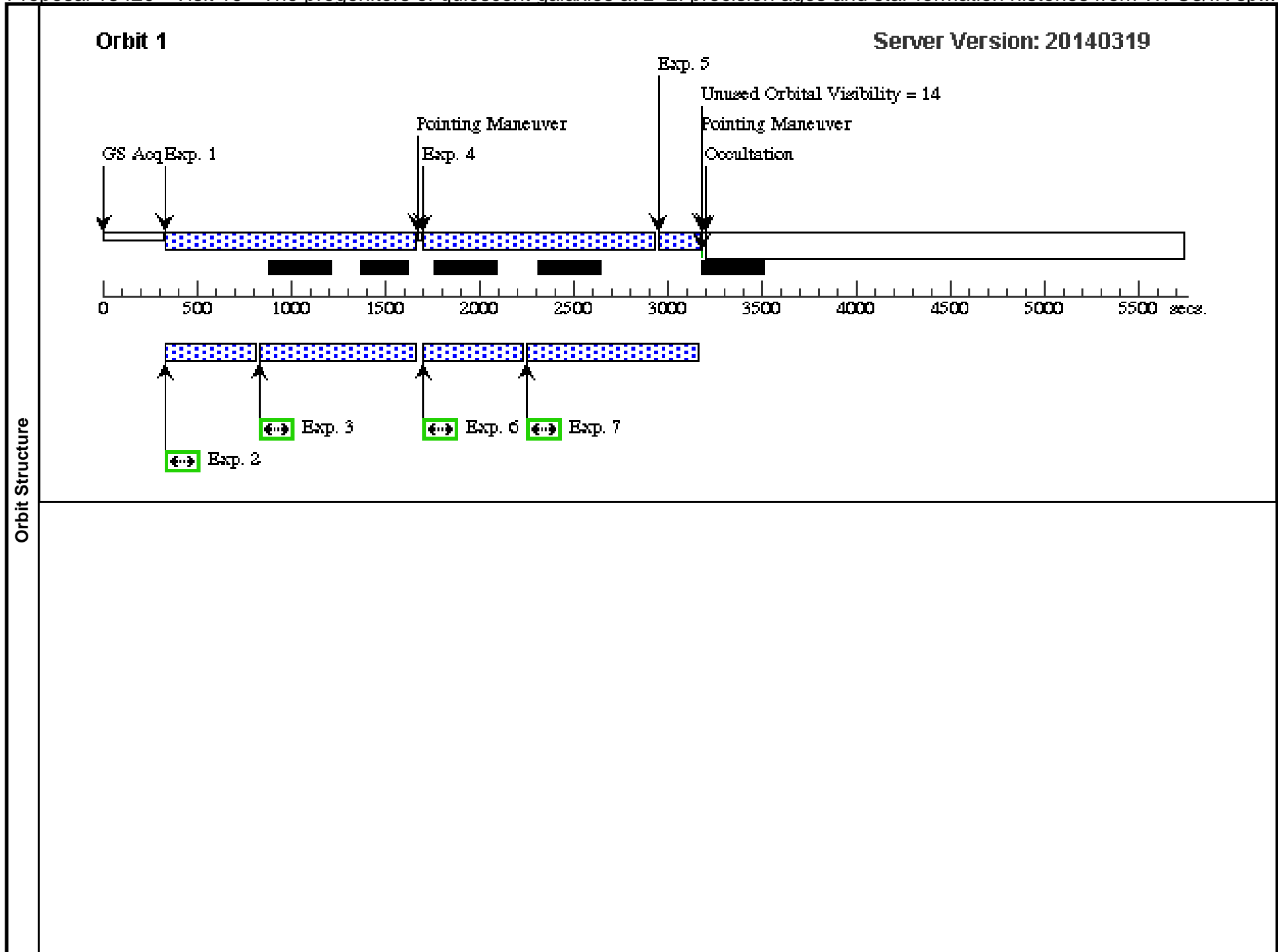


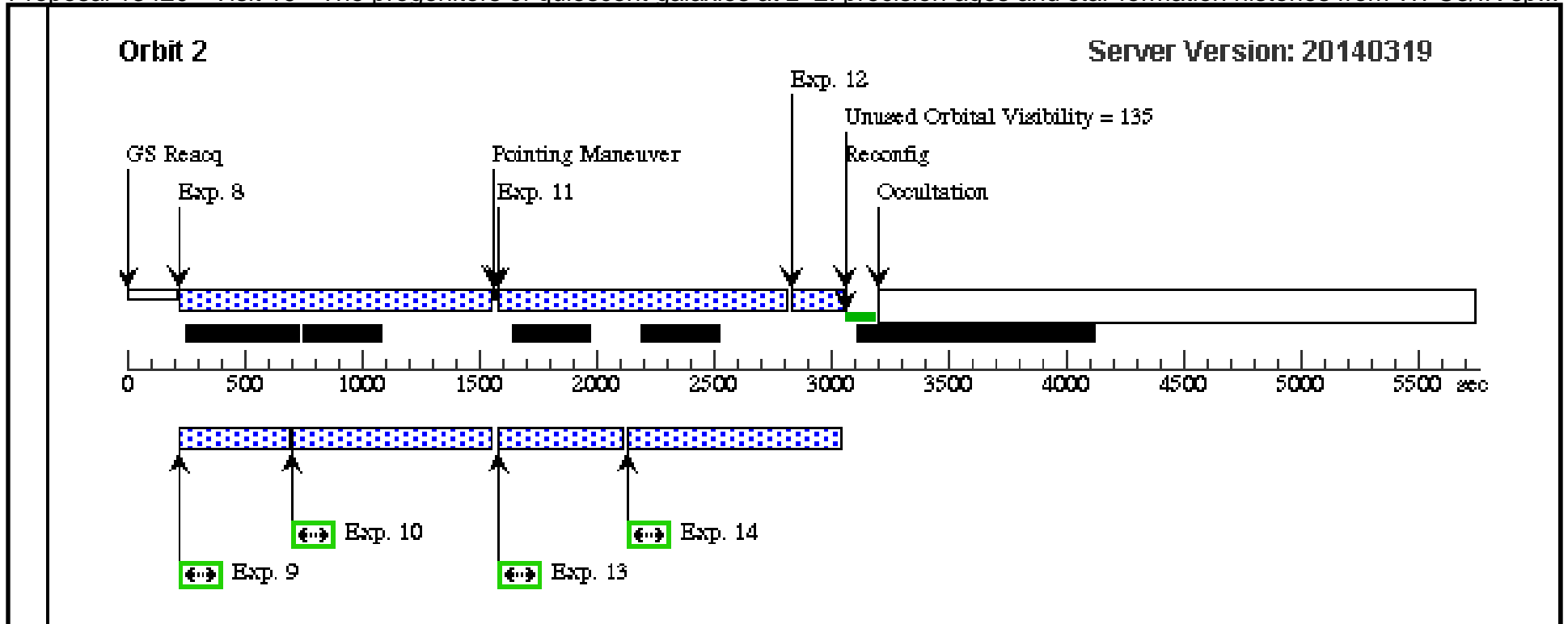
Proposal 13420 - Visit 19 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| Visit | Proposal 13420, Visit 19, completed Fri May 02 01:12:11 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 345D TO 15 D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|---|--|--------------------|--------------------------|-----------------------|---------------|------|--------------------|--------------------------|--------|---------------|------|-------|--|--|------------|-----------------------|
| | (Visit 19) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 19) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 19) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">#</th> <th style="text-align: left;">Name</th> <th style="text-align: left;">Target Coordinates</th> <th style="text-align: left;">Targ. Coord. Corrections</th> <th style="text-align: left;">Fluxes</th> <th style="text-align: left;">Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(19)</td> <td>GDN19</td> <td>RA: 12 37 3.6800 (189.2653333d) Dec: +62 19 51.50 (62.33097d) Equinox: J2000</td> <td></td> <td>V=21+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (19) | GDN19 | RA: 12 37 3.6800 (189.2653333d) Dec: +62 19 51.50 (62.33097d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (19) | GDN19 | RA: 12 37 3.6800 (189.2653333d) Dec: +62 19 51.50 (62.33097d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 19 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (19) GDN19 | (19) GDN19 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 19 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (19) GDN19 | (19) GDN19 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 19 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (19) GDN19 | (19) GDN19 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 19 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (19) GDN19 | (19) GDN19 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 19 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (19) GDN19 | (19) GDN19 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 19 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (19) GDN19 | (19) GDN19 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 19 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (19) GDN19 | (19) GDN19 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 19 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (19) GDN19 | (19) GDN19 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 19 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (19) GDN19 | (19) GDN19 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 19 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (19) GDN19 | (19) GDN19 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 19 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (19) GDN19 | (19) GDN19 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 19 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (19) GDN19 | (19) GDN19 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 19 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (19) GDN19 | (19) GDN19 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 19 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (19) GDN19 | (19) GDN19 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 19 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |



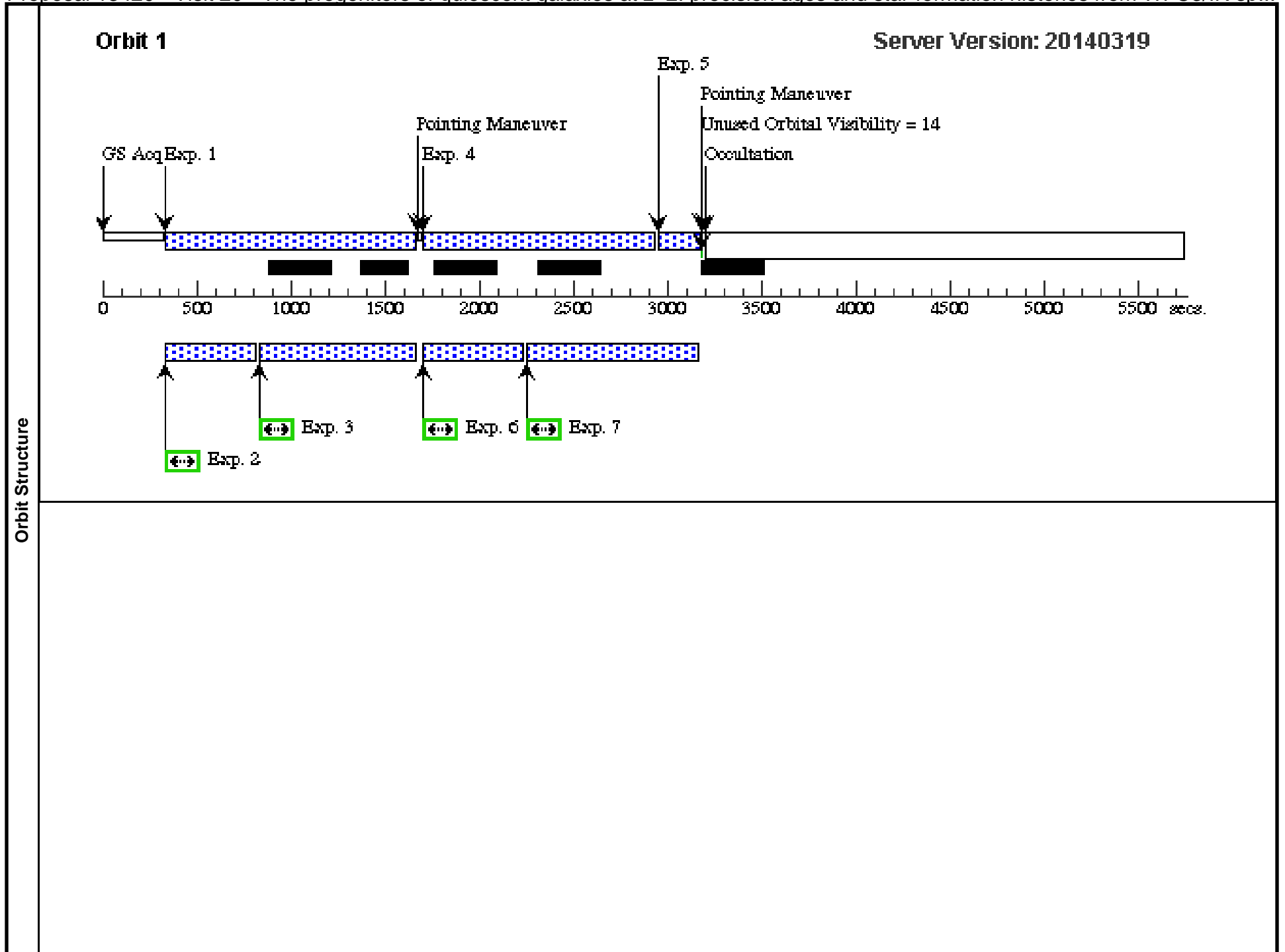


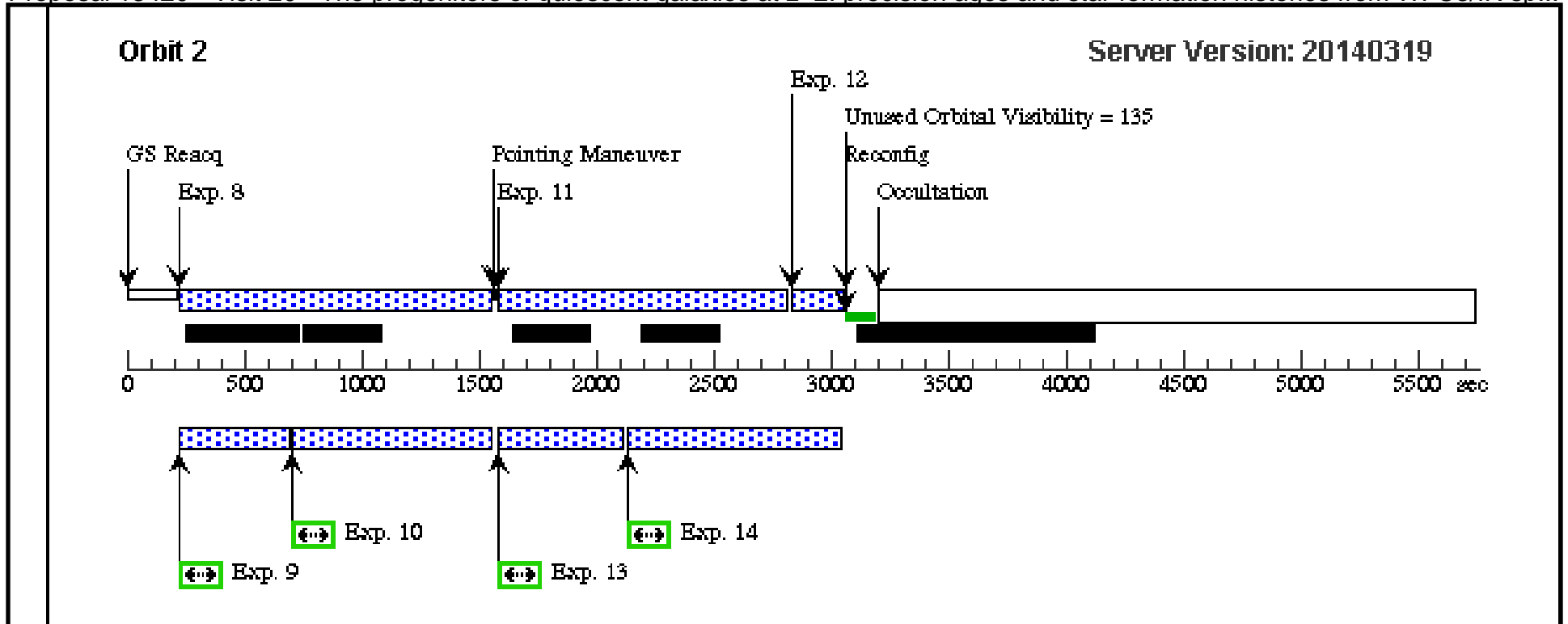
Proposal 13420 - Visit 20 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| Visit | Proposal 13420, Visit 20, completed Fri May 02 01:12:12 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 345D TO 15 D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|--|---|--------------------|--------------------------|--------------------------|---------------|---------------|------|-------|---|--|------------|-----------------------|--|--|--|--|
| | (Visit 20) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 20) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 20) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(20)</td> <td>GDN20</td> <td> RA: 12 37 15.1300 (189.3130417d) Dec: +62 21 11.50 (62.35319d) Equinox: J2000 </td> <td></td> <td>V=21+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (20) | GDN20 | RA: 12 37 15.1300 (189.3130417d) Dec: +62 21 11.50 (62.35319d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (20) | GDN20 | RA: 12 37 15.1300 (189.3130417d) Dec: +62 21 11.50 (62.35319d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 20 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (20) GDN20 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 20 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (20) GDN20 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 20 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (20) GDN20 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 20 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (20) GDN20 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 20 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (20) GDN20 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 20 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (20) GDN20 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 20 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (20) GDN20 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 20 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (20) GDN20 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 20 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (20) GDN20 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 20 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (20) GDN20 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 20 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (20) GDN20 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 20 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (20) GDN20 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 20 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (20) GDN20 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 20 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (20) GDN20 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 20 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |





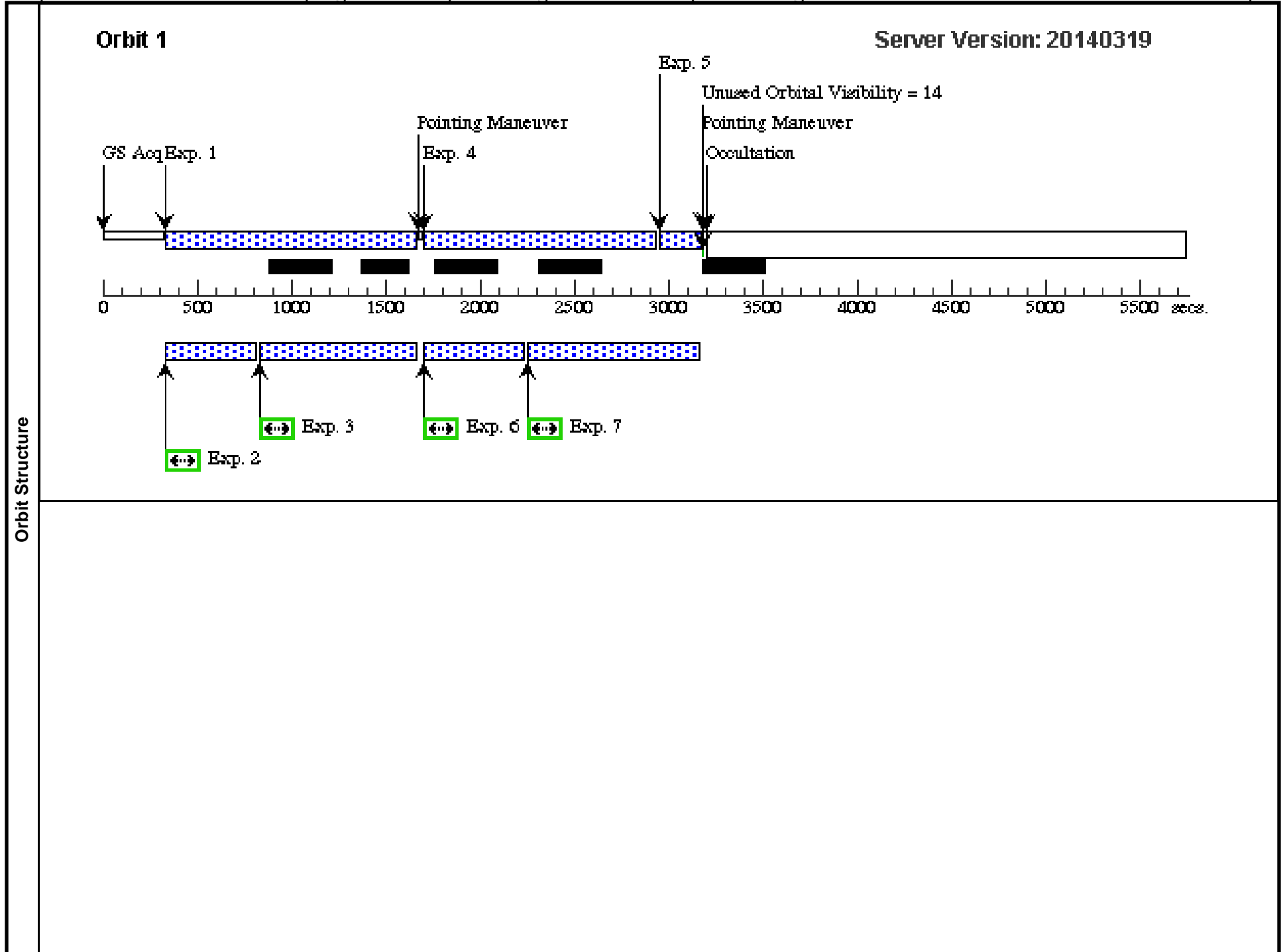
Proposal 13420 - Visit 21 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

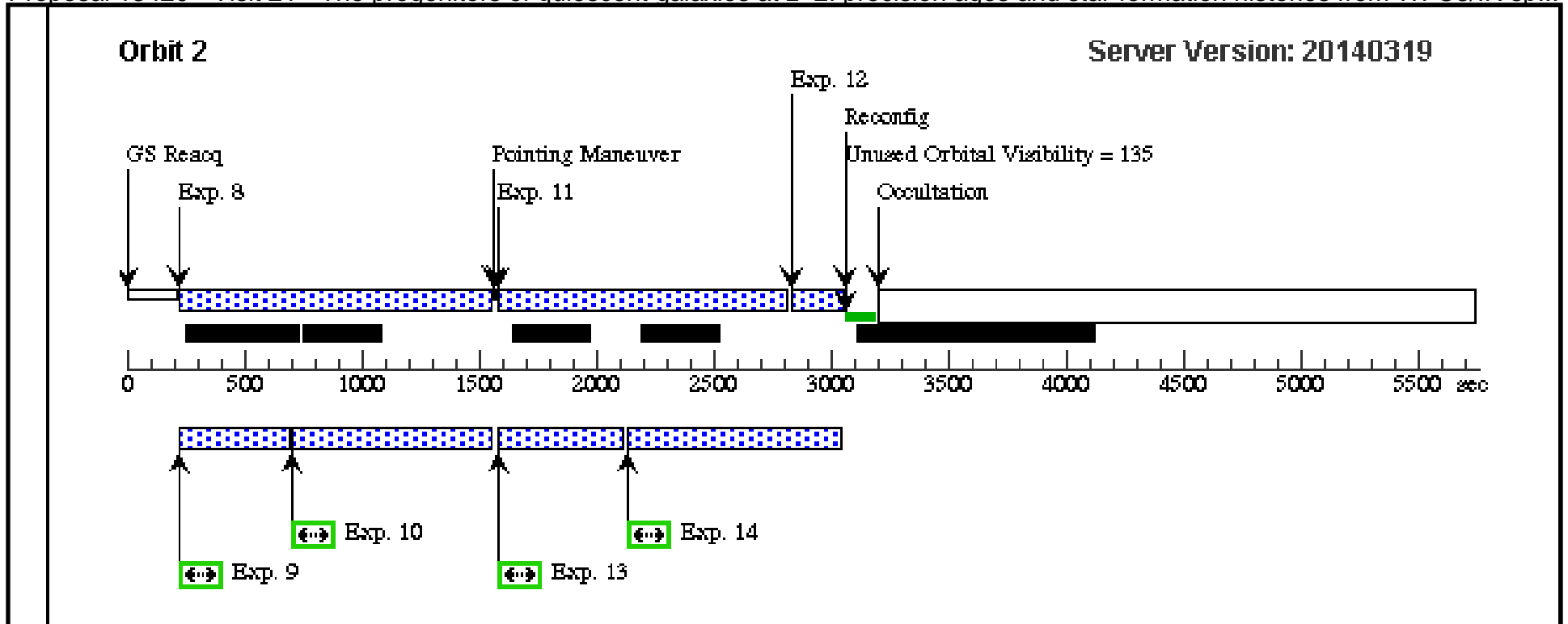
Fri May 02 01:12:13 GMT 2014

| Visit | Proposal 13420, Visit 21, completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|--|---|--------------------|--------------------------|--------------------------|---------------|---------------|------|-------|---|--|------------|-----------------------|--|--|--|--|
| | (Visit 21) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 21) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 21) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(21)</td> <td>GDN21</td> <td> RA: 12 36 53.8500 (189.2243750d) Dec: +62 15 40.10 (62.26114d) Equinox: J2000 </td> <td></td> <td>V=21+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (21) | GDN21 | RA: 12 36 53.8500 (189.2243750d) Dec: +62 15 40.10 (62.26114d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (21) | GDN21 | RA: 12 36 53.8500 (189.2243750d) Dec: +62 15 40.10 (62.26114d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 21 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (21) GDN21 | (21) GDN21 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 21 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (21) GDN21 | (21) GDN21 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 21 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (21) GDN21 | (21) GDN21 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 21 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (21) GDN21 | (21) GDN21 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 21 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (21) GDN21 | (21) GDN21 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 21 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (21) GDN21 | (21) GDN21 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 21 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (21) GDN21 | (21) GDN21 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 21 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (21) GDN21 | (21) GDN21 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 21 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (21) GDN21 | (21) GDN21 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 21 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (21) GDN21 | (21) GDN21 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 21 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (21) GDN21 | (21) GDN21 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 21 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (21) GDN21 | (21) GDN21 | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 21 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (21) GDN21 | (21) GDN21 | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 21 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (21) GDN21 | (21) GDN21 | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 21 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |



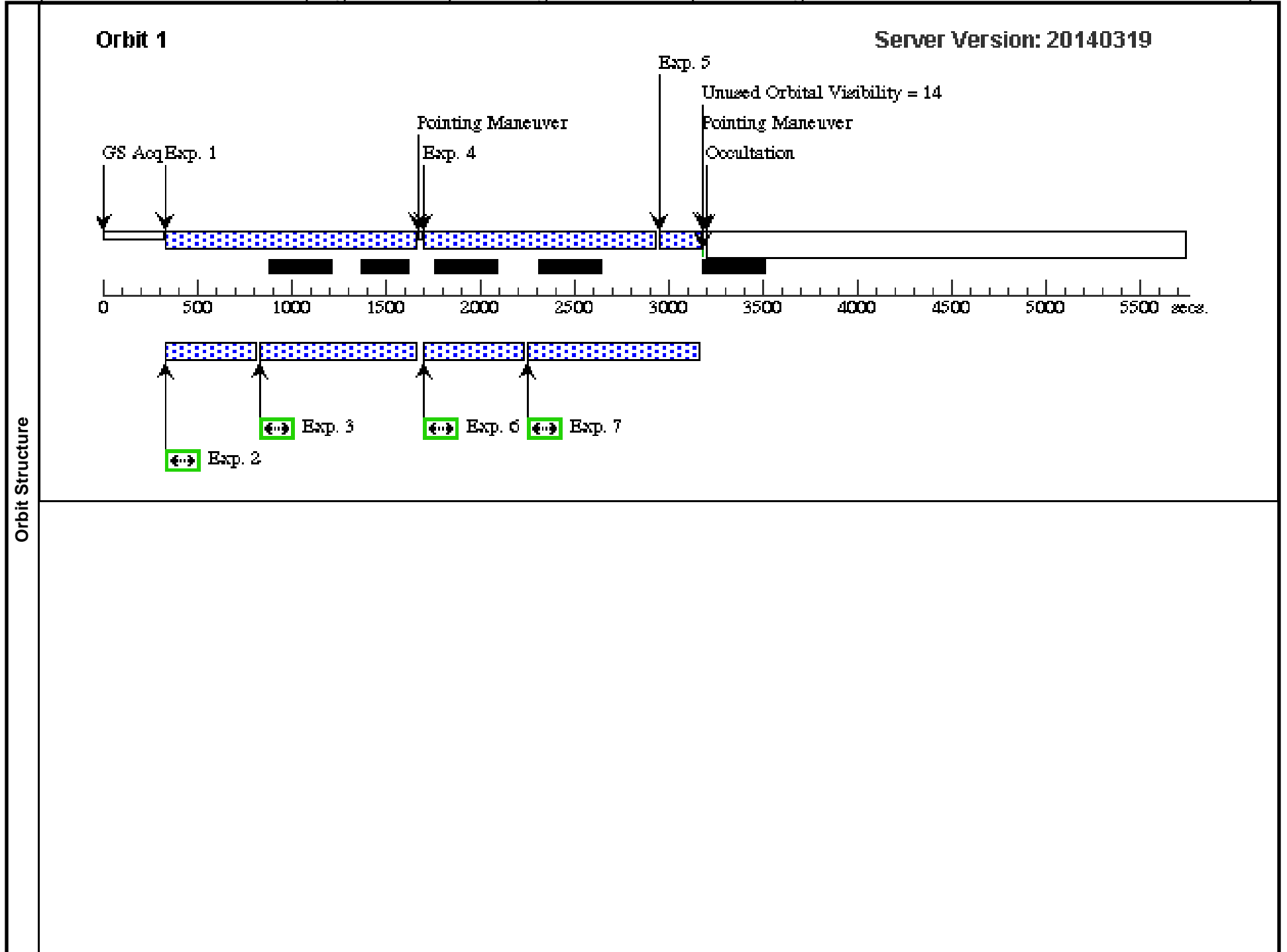


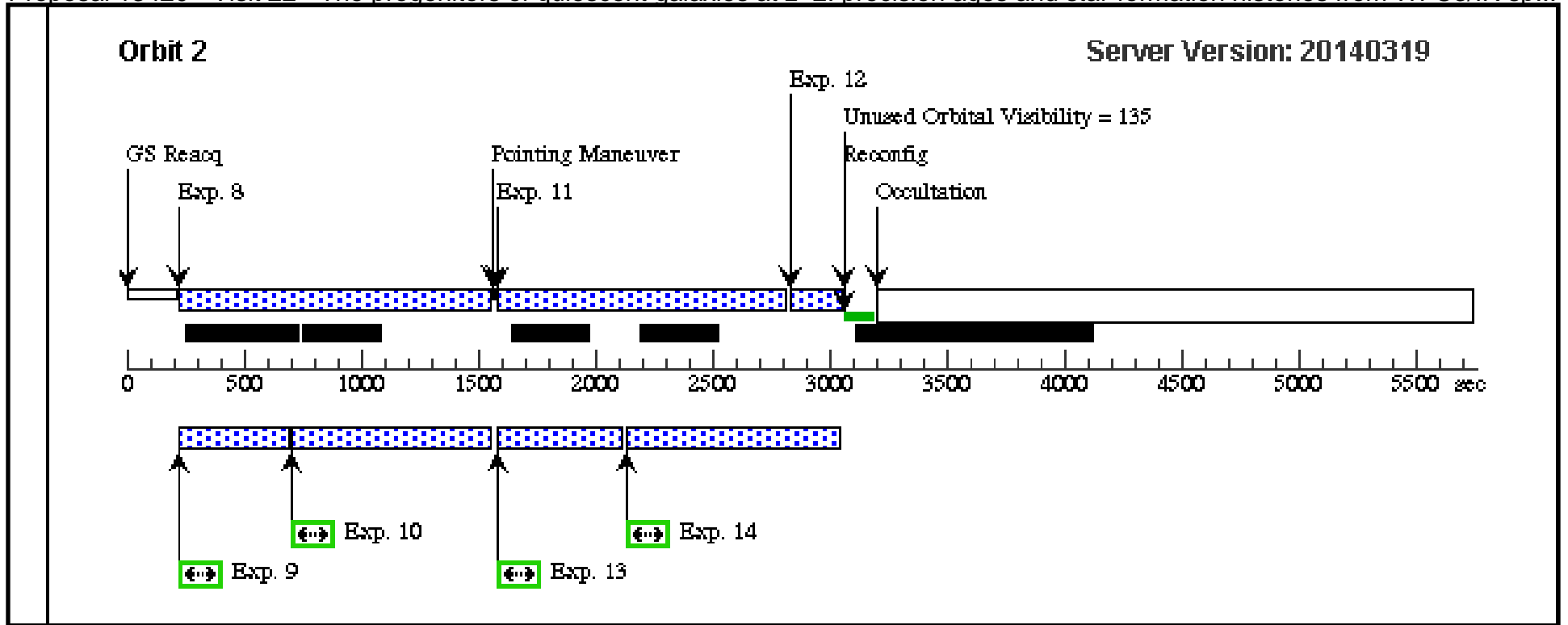
Proposal 13420 - Visit 22 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| Visit | Proposal 13420, Visit 22, completed Fri May 02 01:12:13 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 345D TO 15 D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|--|---|--------------------|--------------------------|-----------------------|---------------|------|--------------------|--------------------------|--------|---------------|------|-------|---|--|------------|-----------------------|
| | (Visit 22) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 22) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 22) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(22)</td> <td>GDN22</td> <td>RA: 12 37 5.3000 (189.2720833d) Dec: +62 17 0.10 (62.28336d) Equinox: J2000</td> <td></td> <td>V=21+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (22) | GDN22 | RA: 12 37 5.3000 (189.2720833d) Dec: +62 17 0.10 (62.28336d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (22) | GDN22 | RA: 12 37 5.3000 (189.2720833d) Dec: +62 17 0.10 (62.28336d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 22 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (22) GDN22 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 22 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (22) GDN22 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 22 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (22) GDN22 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 22 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (22) GDN22 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 22 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (22) GDN22 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 22 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (22) GDN22 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 22 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (22) GDN22 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 22 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (22) GDN22 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 22 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (22) GDN22 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 22 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (22) GDN22 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 22 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (22) GDN22 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 22 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (22) GDN22 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 22 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (22) GDN22 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 22 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (22) GDN22 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 22 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |





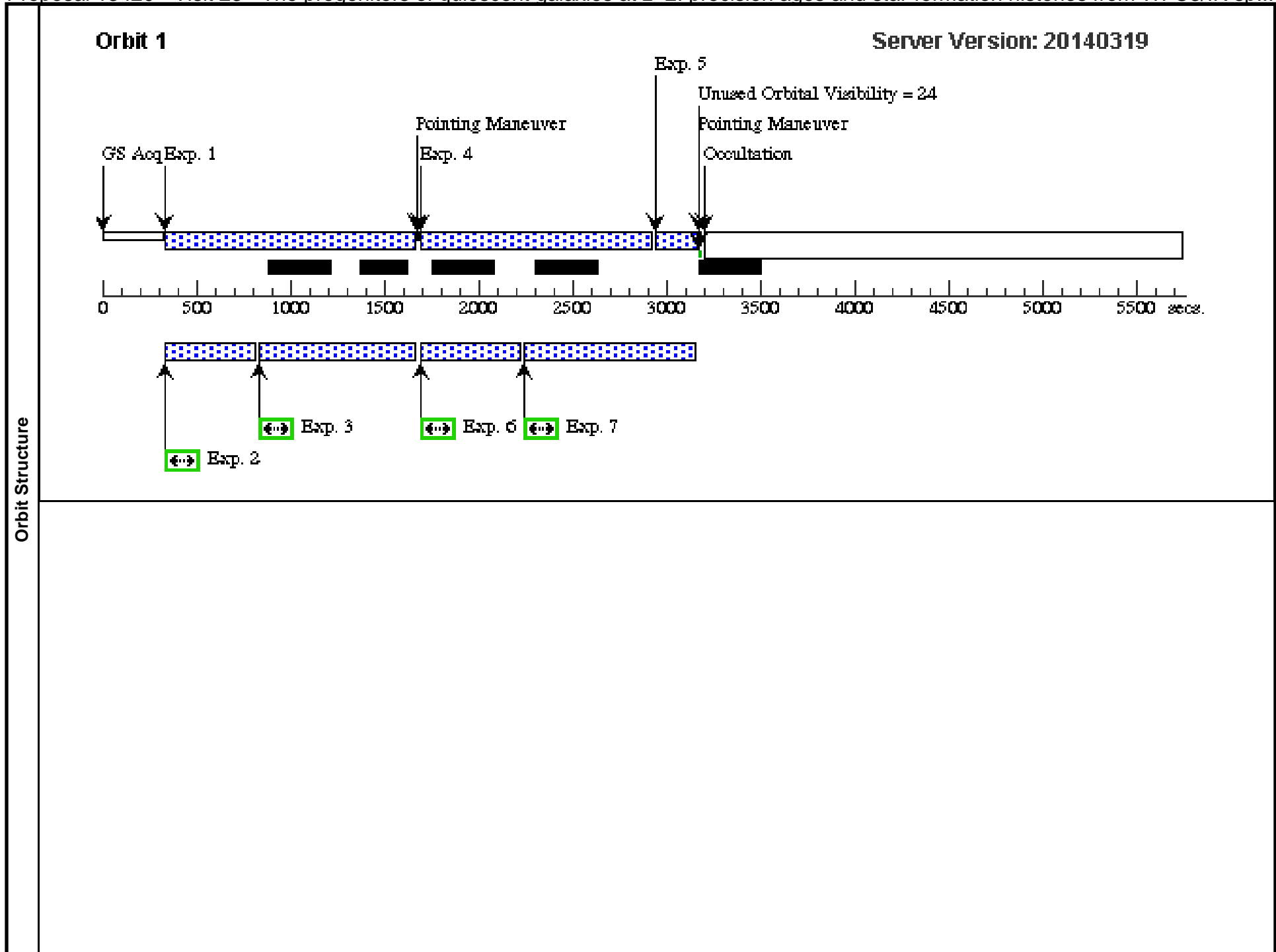
Proposal 13420 - Visit 23 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

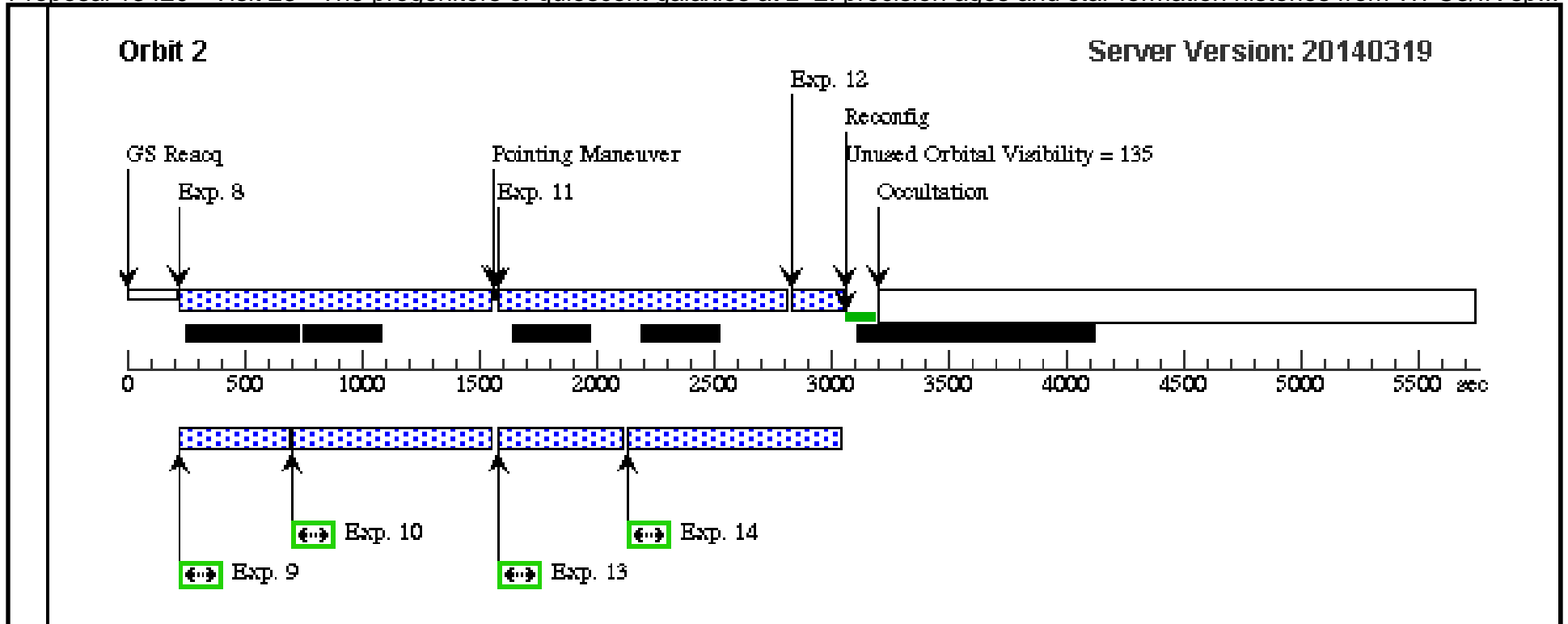
Fri May 02 01:12:14 GMT 2014

| Visit | Proposal 13420, Visit 23, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 345D TO 15 D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|--|---|--------------------|--------------------------|--------------------------|---------------|---------------|------|-------|---|--|------------|-----------------------|--|--|--|--|
| | (Visit 23) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 23) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 23) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(23)</td> <td>GDN23</td> <td> RA: 12 37 16.7500 (189.3197917d) Dec: +62 18 20.20 (62.30561d) Equinox: J2000 </td> <td></td> <td>V=21+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (23) | GDN23 | RA: 12 37 16.7500 (189.3197917d) Dec: +62 18 20.20 (62.30561d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (23) | GDN23 | RA: 12 37 16.7500 (189.3197917d) Dec: +62 18 20.20 (62.30561d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 23 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (23) GDN23 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 23 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (23) GDN23 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 23 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (23) GDN23 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 23 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (23) GDN23 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 23 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (23) GDN23 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 4 | Prime + Parallel Group 4-7 in Visit 23 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (23) GDN23 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 23 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (23) GDN23 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 23 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (23) GDN23 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 23 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (23) GDN23 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 23 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (23) GDN23 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 23 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (23) GDN23 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 23 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (23) GDN23 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 23 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (23) GDN23 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 23 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (23) GDN23 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 23 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |





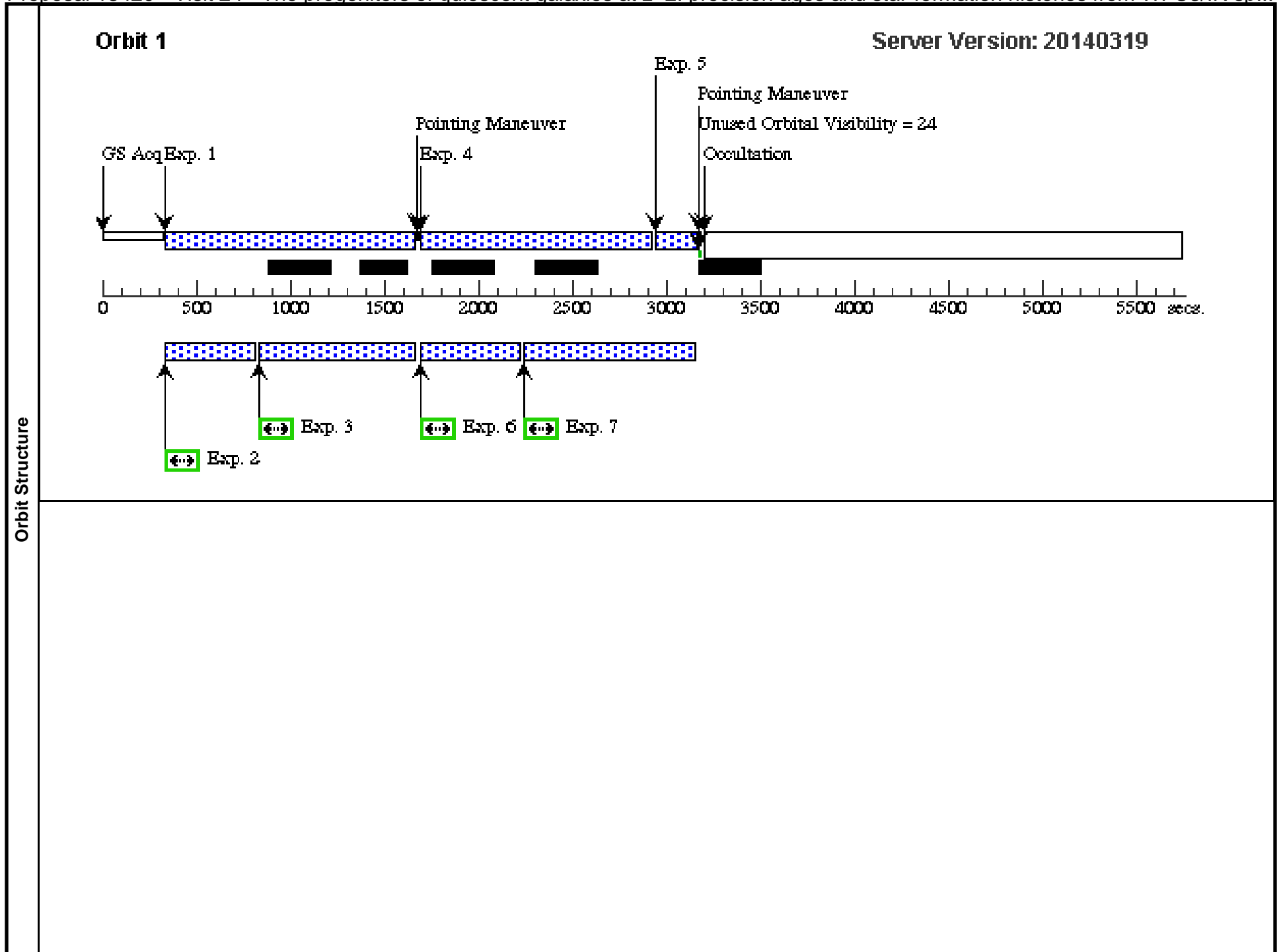
Proposal 13420 - Visit 24 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

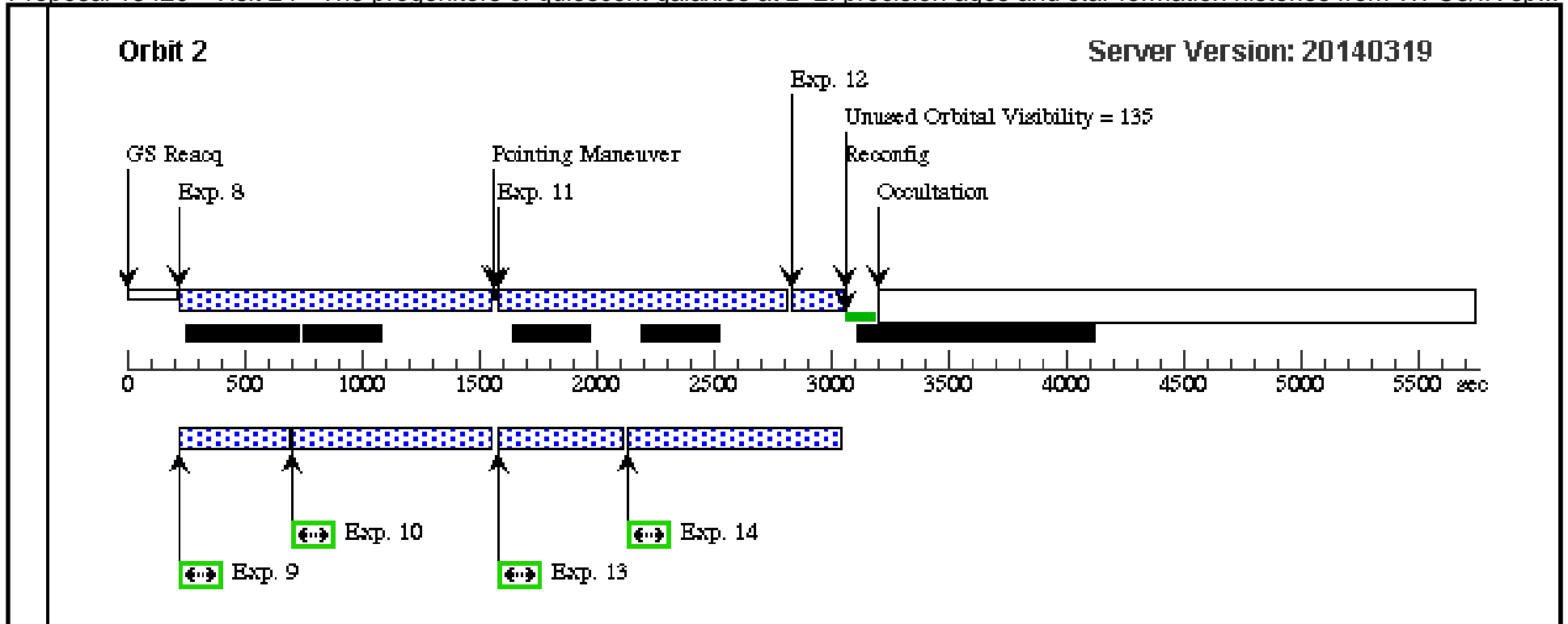
Fri May 02 01:12:15 GMT 2014

| | | | | | | |
|----------------------|---|-------------|---|---------------------------------|---------------|-----------------------|
| Visit | Proposal 13420, Visit 24, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 345D TO 15 D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | |
| | (Visit 24) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 24) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 24) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | |
| Diagnosics | | | | | | |
| | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (24) | GDN24 | RA: 12 37 28.2000 (189.3675000d) Dec: +62 19 40.20 (62.32783d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |

Proposal 13420 - Visit 24 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (24) GDN24 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 24 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (24) GDN24 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 24 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (24) GDN24 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 24 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (24) GDN24 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 24 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (24) GDN24 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 4 | Prime + Parallel Group 4-7 in Visit 24 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (24) GDN24 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 24 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (24) GDN24 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 24 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (24) GDN24 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 24 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (24) GDN24 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 24 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (24) GDN24 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 24 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (24) GDN24 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 24 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (24) GDN24 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 24 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (24) GDN24 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 24 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (24) GDN24 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 24 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |





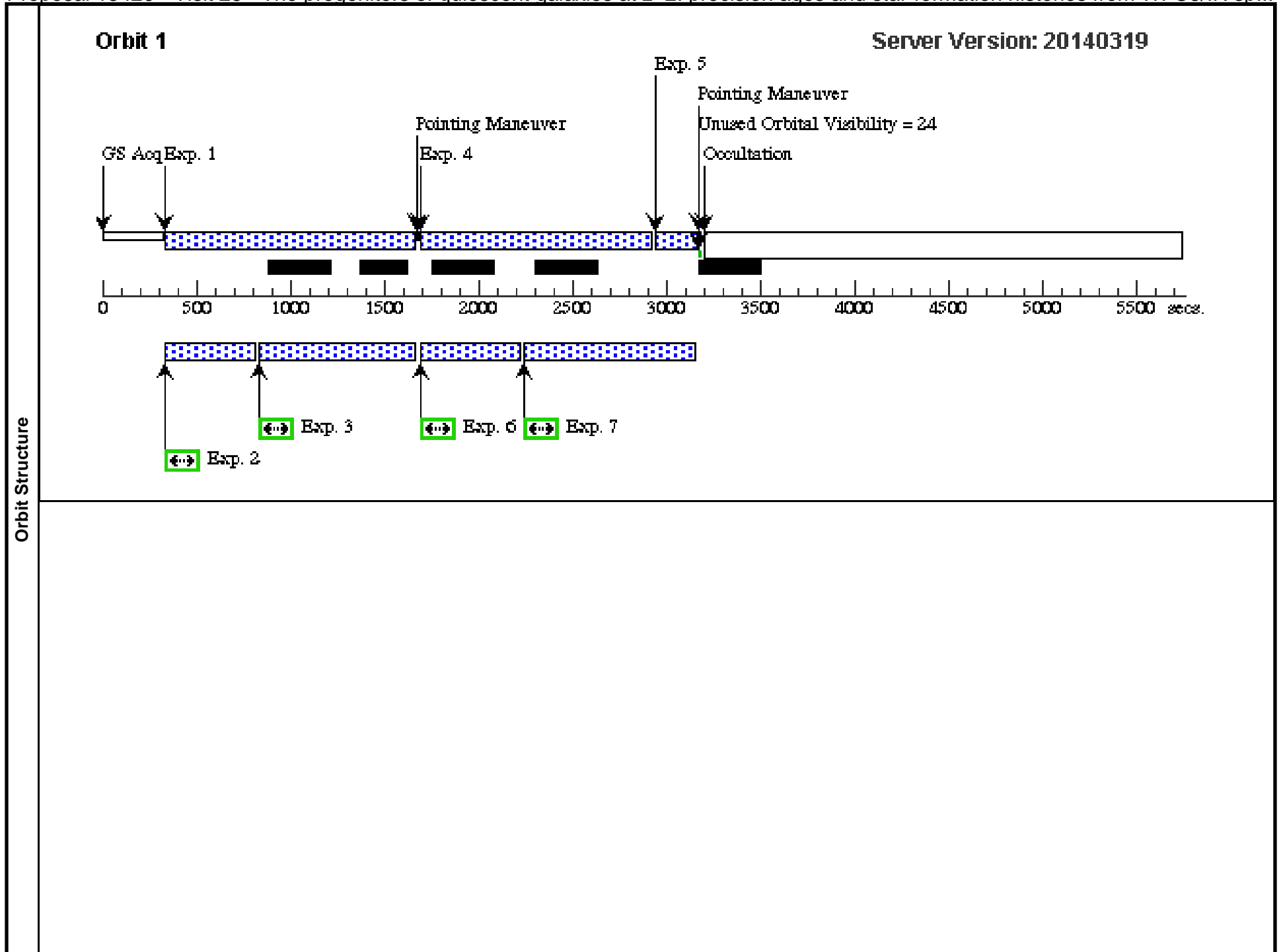
Proposal 13420 - Visit 25 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

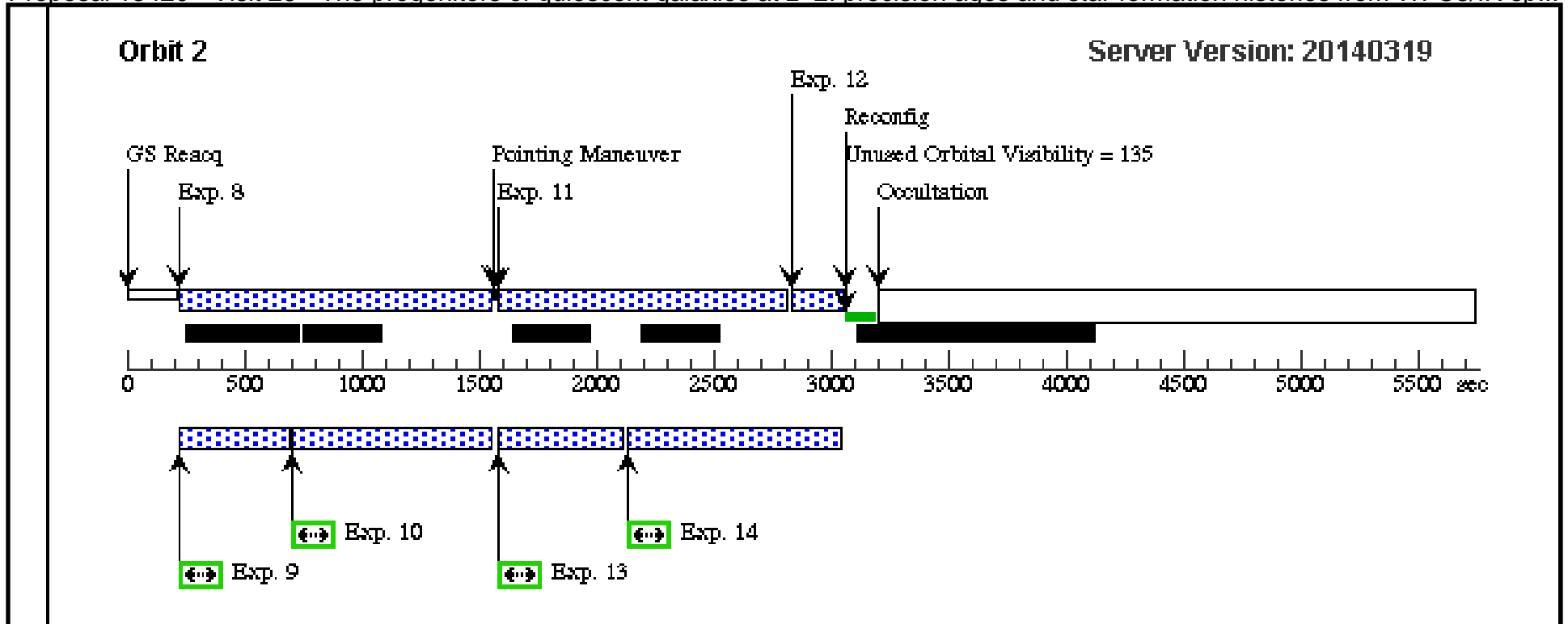
Fri May 02 01:12:16 GMT 2014

| | | | | | | |
|----------------------|---|-------------|---|---------------------------------|---------------|-----------------------|
| Visit | Proposal 13420, Visit 25, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 345.0D TO 15.0 D; VISIBILITY INTERVAL 3200 S | | | | | |
| | (Visit 25) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 25) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 25) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | |
| Diagnosics | | | | | | |
| | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (25) | GDN25 | RA: 12 37 6.9200 (189.2788333d) Dec: +62 14 8.70 (62.23575d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |

Proposal 13420 - Visit 25 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (25) GDN25 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 25 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (25) GDN25 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 25 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (25) GDN25 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 25 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (25) GDN25 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 25 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (25) GDN25 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 4 | Prime + Parallel Group 4-7 in Visit 25 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (25) GDN25 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 25 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (25) GDN25 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 25 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (25) GDN25 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 25 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (25) GDN25 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 25 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (25) GDN25 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 25 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (25) GDN25 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 25 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (25) GDN25 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 25 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (25) GDN25 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 25 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (25) GDN25 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 25 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |



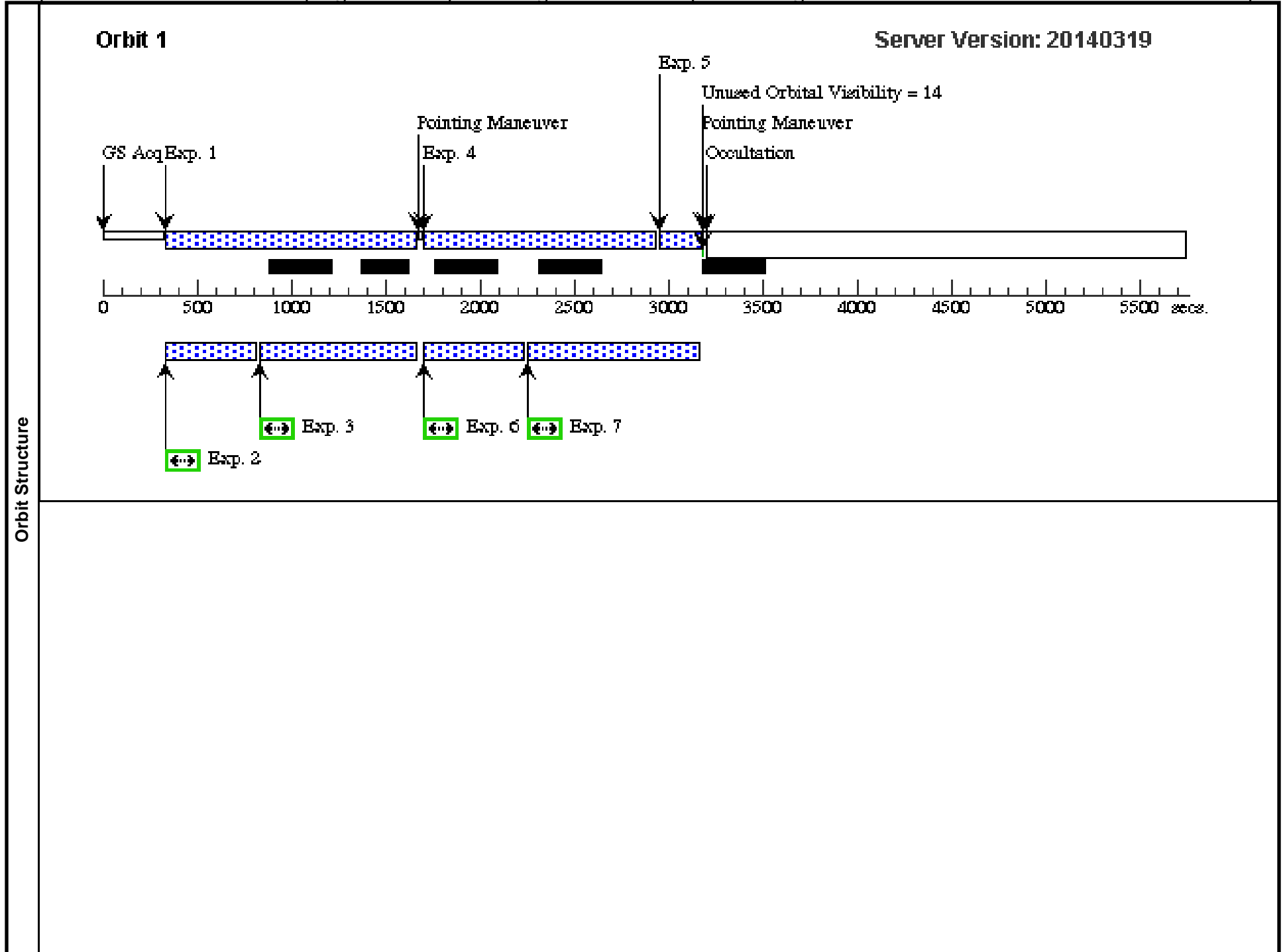


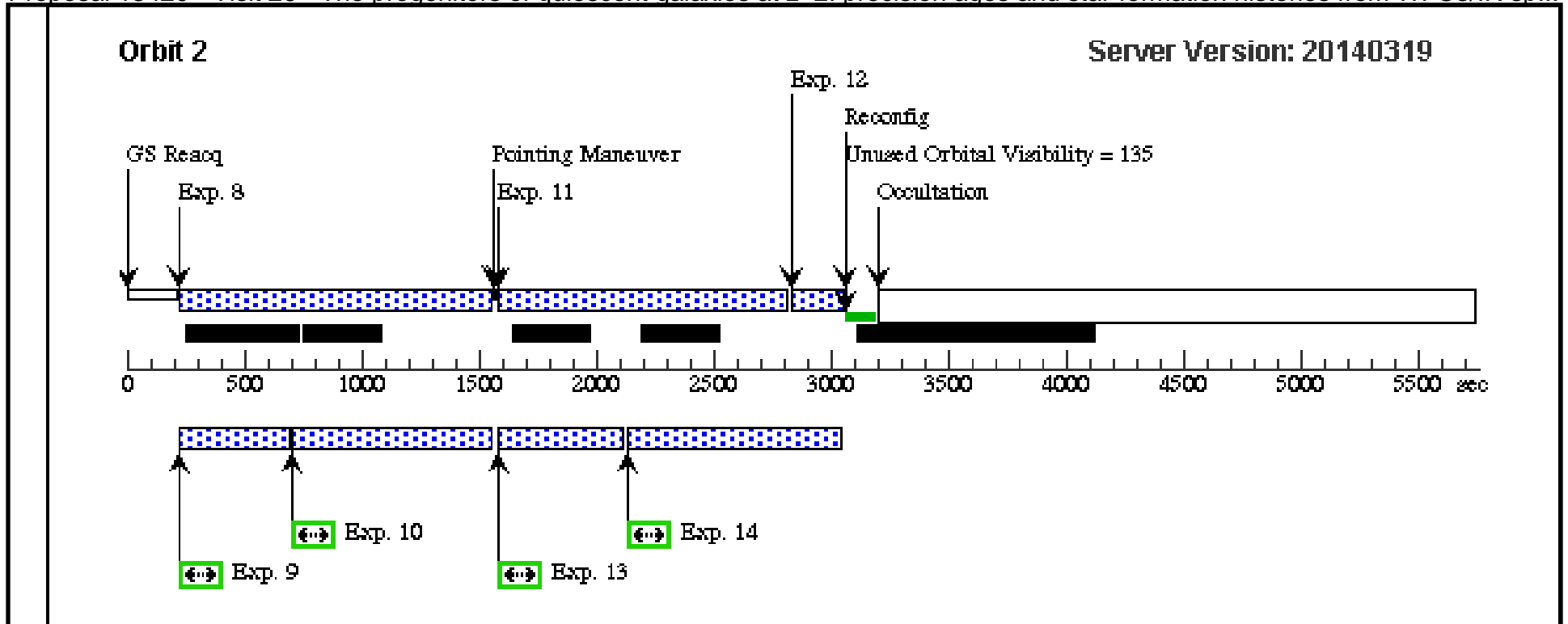
Proposal 13420 - Visit 26 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

| Visit | Proposal 13420, Visit 26, completed Fri May 02 01:12:17 GMT 2014 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 345D TO 15 D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|--|---|--------------------|--------------------------|--------------------------|---------------|---------------|------|-------|---|--|------------|-----------------------|--|--|--|--|
| | (Visit 26) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 26) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 26) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(26)</td> <td>GDN26</td> <td> RA: 12 37 18.3700 (189.3265417d) Dec: +62 15 28.80 (62.25800d) Equinox: J2000 </td> <td></td> <td>V=21+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (26) | GDN26 | RA: 12 37 18.3700 (189.3265417d) Dec: +62 15 28.80 (62.25800d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (26) | GDN26 | RA: 12 37 18.3700 (189.3265417d) Dec: +62 15 28.80 (62.25800d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 26 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (26) GDN26 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 26 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (26) GDN26 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 26 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (26) GDN26 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 26 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (26) GDN26 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 26 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (26) GDN26 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 26 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (26) GDN26 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 26 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (26) GDN26 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 26 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (26) GDN26 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 26 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (26) GDN26 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 26 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (26) GDN26 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 26 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (26) GDN26 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 26 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (26) GDN26 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 26 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (26) GDN26 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 26 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (26) GDN26 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 26 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |





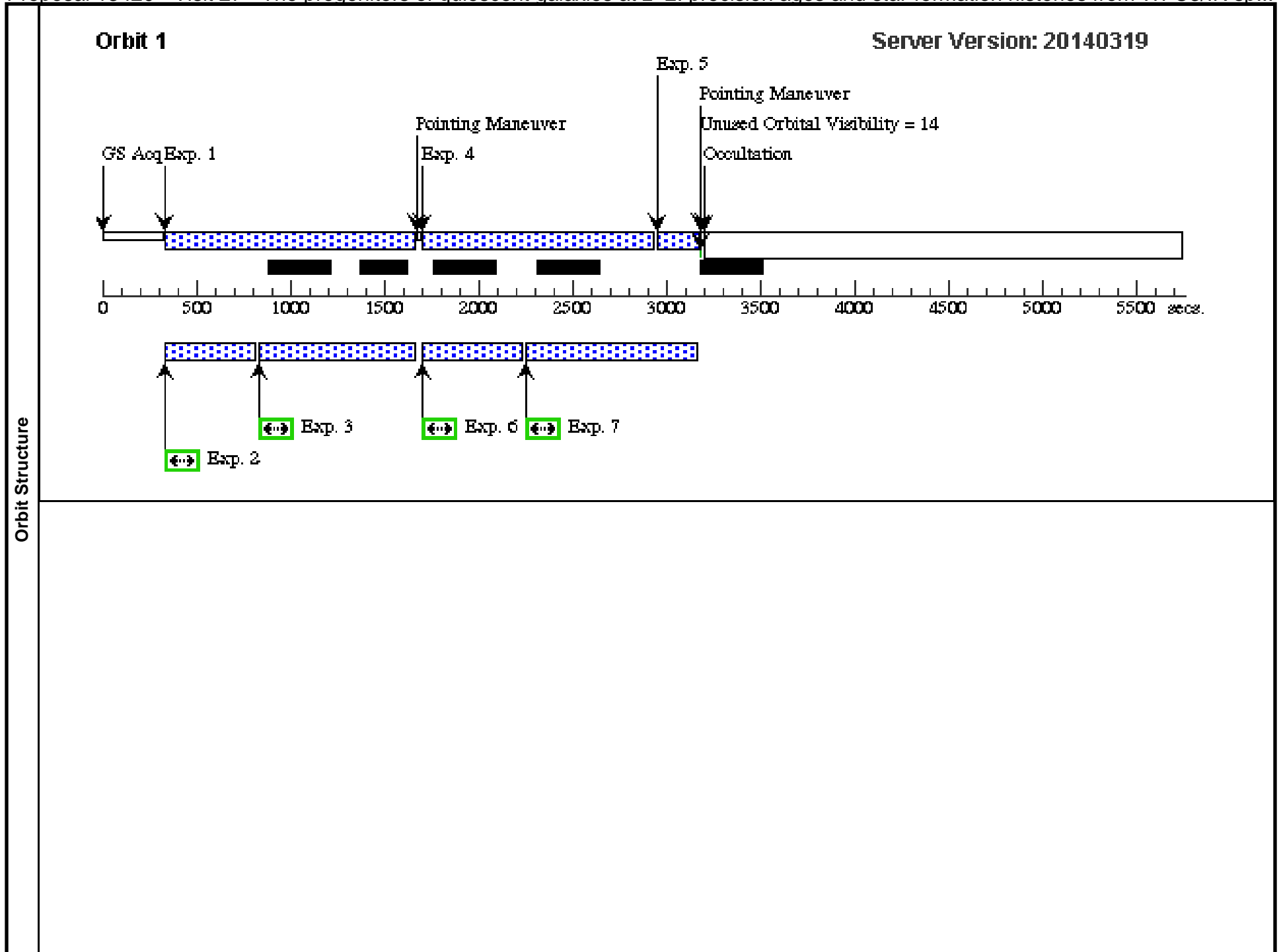
Proposal 13420 - Visit 27 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

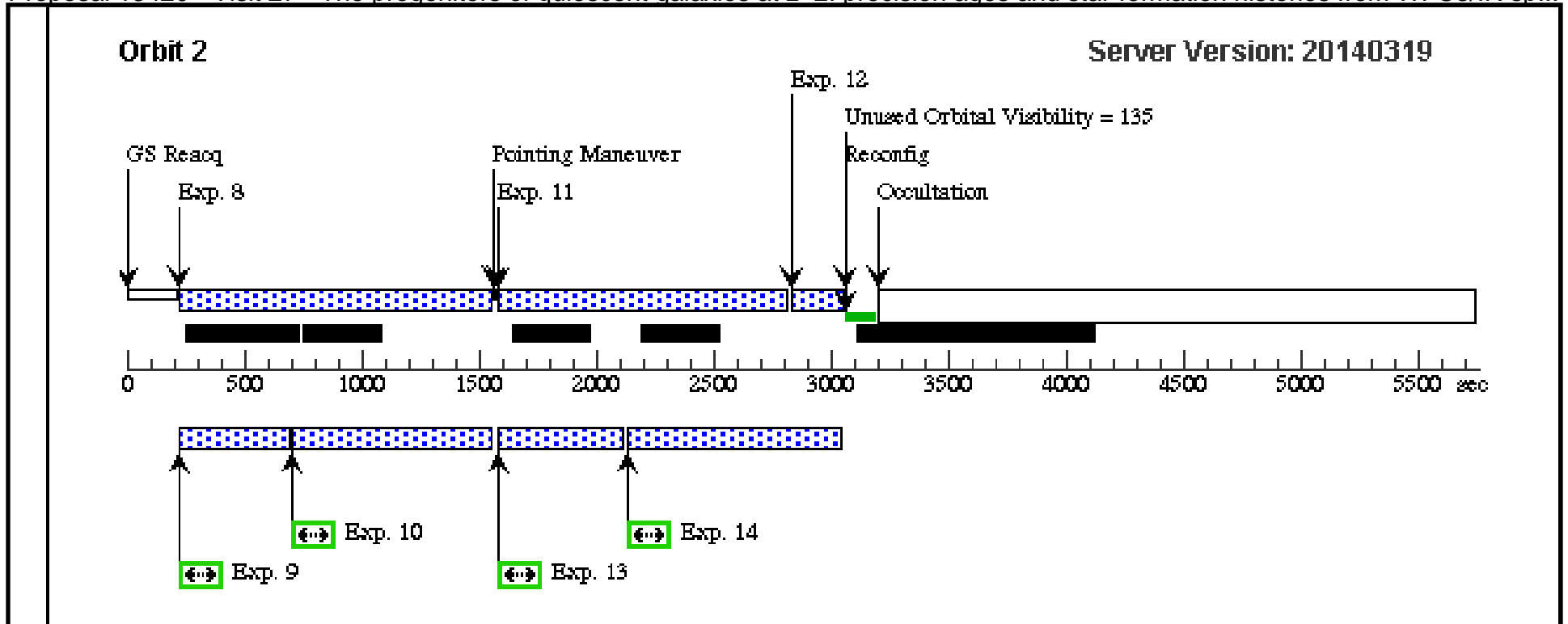
Fri May 02 01:12:18 GMT 2014

| Visit | Proposal 13420, Visit 27, completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | | | | | | | | | | | | |
|----------------------|--|---|--------------------|--------------------------|--------------------------|---------------|---------------|------|-------|---|--|------------|-----------------------|--|--|--|--|
| | (Visit 27) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 27) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 27) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(27)</td> <td>GDN27</td> <td> RA: 12 37 19.9900 (189.3332917d) Dec: +62 12 37.40 (62.21039d) Equinox: J2000 </td> <td></td> <td>V=21+/-0.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (27) | GDN27 | RA: 12 37 19.9900 (189.3332917d) Dec: +62 12 37.40 (62.21039d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (27) | GDN27 | RA: 12 37 19.9900 (189.3332917d) Dec: +62 12 37.40 (62.21039d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 13420 - Visit 27 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (27) GDN27 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 27 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (27) GDN27 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 27 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (27) GDN27 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 27 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (27) GDN27 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Prime + Parallel Group 4-7 in Visit 27 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (27) GDN27 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 27 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (27) GDN27 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 27 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (27) GDN27 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 27 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (27) GDN27 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 27 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (27) GDN27 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 27 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (27) GDN27 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 27 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (27) GDN27 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 27 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (27) GDN27 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 27 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (27) GDN27 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 27 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (27) GDN27 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 27 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |





Proposal 13420 - Visit 28 - The progenitors of quiescent galaxies at z~2: precision ages and star-formation histories from WFC3/IR sp...

Fri May 02 01:12:19 GMT 2014

| | | | | | | |
|----------------------|---|-------------|---|---------------------------------|---------------|-----------------------|
| Visit | Proposal 13420, Visit 28, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BRIGHT EARTH AVOID 30D; ORIENT 345D TO 15 D; ORIENT 165.0D TO 195.0 D; VISIBILITY INTERVAL 3200 S | | | | | |
| | (Visit 28) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (Visit 28) Warning (Orbit Planner): NO VISIBILITY TABLE CORRESPONDING TO BRIGHT EARTH AVOIDANCE ANGLE (Visit 28) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (28) | GDN28 | RA: 12 37 31.4500 (189.3810417d) Dec: +62 13 57.40 (62.23261d) Equinox: J2000 | | V=21+/-0.1 | Reference Frame: ICRS |

Proposal 13420 - Visit 28 - The progenitors of quiescent galaxies at $z \sim 2$: precision ages and star-formation histories from WFC3/IR sp...

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|------------|------------|---------------------|--------------------------------|---------------|------------------------------------|--|--|---|-------|
| | 1 | (28) GDN28 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0,0 | Prime + Parallel Group 1-3 in Visit 28 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (28) GDN28 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 1-3 in Visit 28 | 120 Secs (278 Secs) [==>278.0 Secs] | [1] |
| | 3 | (28) GDN28 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 1-3 in Visit 28 | 500 Secs (658 Secs) [==>658.0 Secs] | [1] |
| | 4 | (28) GDN28 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG 1.355,0.424 | Prime + Parallel Group 4-7 in Visit 28 | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 5 | (28) GDN28 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 4 | Prime + Parallel Group 4-7 in Visit 28 | 202.934095 Secs (202.934 Secs) [==>] | [1] |
| | 6 | (28) GDN28 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 4-7 in Visit 28 | 120 Secs (361 Secs) [==>361.0 Secs] | [1] |
| | 7 | (28) GDN28 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 4-7 in Visit 28 | 500 Secs (741 Secs) [==>741.0 Secs] | [1] |
| | 8 | (28) GDN28 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 0.881,1.212 | Prime + Parallel Group 8-10 in Visit 28 | 1302.93649 Secs (1302.936 Secs) [==>] | [2] |
| | 9 | (28) GDN28 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 8-10 in Visit 28 | 120 Secs (297 Secs) [==>297.0 Secs] | [2] |
| | 10 | (28) GDN28 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 8-10 in Visit 28 | 500 Secs (677 Secs) [==>677.0 Secs] | [2] |
| | 11 | (28) GDN28 | | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | POS TARG -0.474,0.788 | Prime + Parallel Group 11-14 in Visit 28 | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 12 | (28) GDN28 | | WFC3/IR, MULTIACCUM, IR | F105W | NSAMP=5; SAMP-SEQ=SPAR S50 | SAME POS AS 11 | Prime + Parallel Group 11-14 in Visit 28 | 202.934095 Secs (202.934 Secs) [==>] | [2] |
| | 13 | (28) GDN28 | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 11-14 in Visit 28 | 120 Secs (363 Secs) [==>363.0 Secs] | [2] |
| 14 | (28) GDN28 | | ACS/WFC, ACCUM, WFC | G800L | AUTOIMAGE=NO | | Prime + Parallel Group 11-14 in Visit 28 | 500 Secs (743 Secs) [==>743.0 Secs] | [2] | |

