



14038 - HST Frontier Fields - Observations of Abell 370

Cycle: 23, Proposal Category: GO/DD

(Availability Mode: SUPPORTED)

INVESTIGATORS

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Proposal 14038 (STScI Edit Number: 1, Created: Wednesday, September 7, 2016 3:55:01 PM EST) - Overview

| <i>Name</i> | <i>Institution</i> | <i>E-Mail</i> |
|------------------------------|-----------------------------------|---------------------|
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| Dr. Robert E. Williams (CoI) | Space Telescope Science Institute | wms@stsci.edu |

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) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:29.0 | yes |
| R1 | (2) ABELL-370-HFFPAR ANY | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:30.0 | yes |
| 02 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:32.0 | yes |
| 05 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:33.0 | yes |
| 10 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:34.0 | yes |
| 15 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:35.0 | yes |
| 16 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:37.0 | yes |
| 20 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:38.0 | yes |
| 25 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:39.0 | yes |
| 28 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:40.0 | yes |
| 30 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:42.0 | yes |

Proposal 14038 (STScI Edit Number: 1, Created: Wednesday, September 7, 2016 3:55:01 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> |
|--------------|---------------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 32 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:43.0 | yes |
| 37 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:45.0 | yes |
| 38 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:46.0 | yes |
| 40 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:47.0 | yes |
| 45 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:48.0 | yes |
| 50 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:49.0 | yes |
| 51 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:50.0 | yes |
| 55 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:52.0 | yes |
| 60 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:53.0 | yes |
| 63 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:54.0 | yes |
| 65 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:55.0 | yes |
| 67 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 2 | 07-Sep-2016 16:53:56.0 | yes |
| 81 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:53:59.0 | yes |
| 82 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:01.0 | yes |

Proposal 14038 (STScI Edit Number: 1, Created: Wednesday, September 7, 2016 3:55:01 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> |
|--------------|---------------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 83 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:03.0 | yes |
| 91 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:06.0 | yes |
| 92 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:08.0 | yes |
| 93 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:10.0 | yes |
| 94 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:13.0 | yes |
| R4 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:15.0 | yes |
| 95 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:18.0 | yes |
| 96 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:20.0 | yes |
| 97 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:22.0 | yes |
| 98 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:25.0 | yes |
| 99 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:27.0 | yes |
| A1 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:30.0 | yes |
| A2 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:32.0 | yes |
| A3 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:35.0 | yes |

| <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> |
|--------------|---------------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| B1 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:37.0 | yes |
| B2 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:39.0 | yes |
| B3 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:42.0 | yes |
| R3 | (2) ABELL-370-HFFPAR ANY | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:44.0 | yes |
| B4 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:47.0 | yes |
| B5 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:49.0 | yes |
| B6 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:51.0 | yes |
| B7 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:54.0 | yes |
| B8 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:56.0 | yes |
| B9 | (1) ABELL-370 (2) ABELL-370-HFFPAR | ACS/WFC WFC3/IR | 4 | 07-Sep-2016 16:54:58.0 | yes |

150 Total Orbits Used

ABSTRACT

Using Director's Discretionary (DD) observing time, HST will undertake a revolutionary deep field observing program to peer deeper into the Universe than ever before and provide a first glimpse of JWST's universe. These Frontier Fields will combine the power of HST with the natural gravitational telescopes of high-magnification clusters of galaxies to produce the second-deepest observations of blank fields and the deepest observations of clusters and their lensed galaxies ever obtained.

The primary science goals of the HST FF are (1) to reveal $z \sim 5-10$ galaxy populations $\sim 10-50$ times intrinsically fainter than any presently known; (2) to solidify our understanding of the stellar masses and star-formation histories of galaxies at the earliest times; (3) provide the first statistically meaningful morphological characterization of $z > 5$ galaxies; and (4) to find $z > 8$ galaxies magnified sufficiently for spectroscopic followup and internal structure studies.

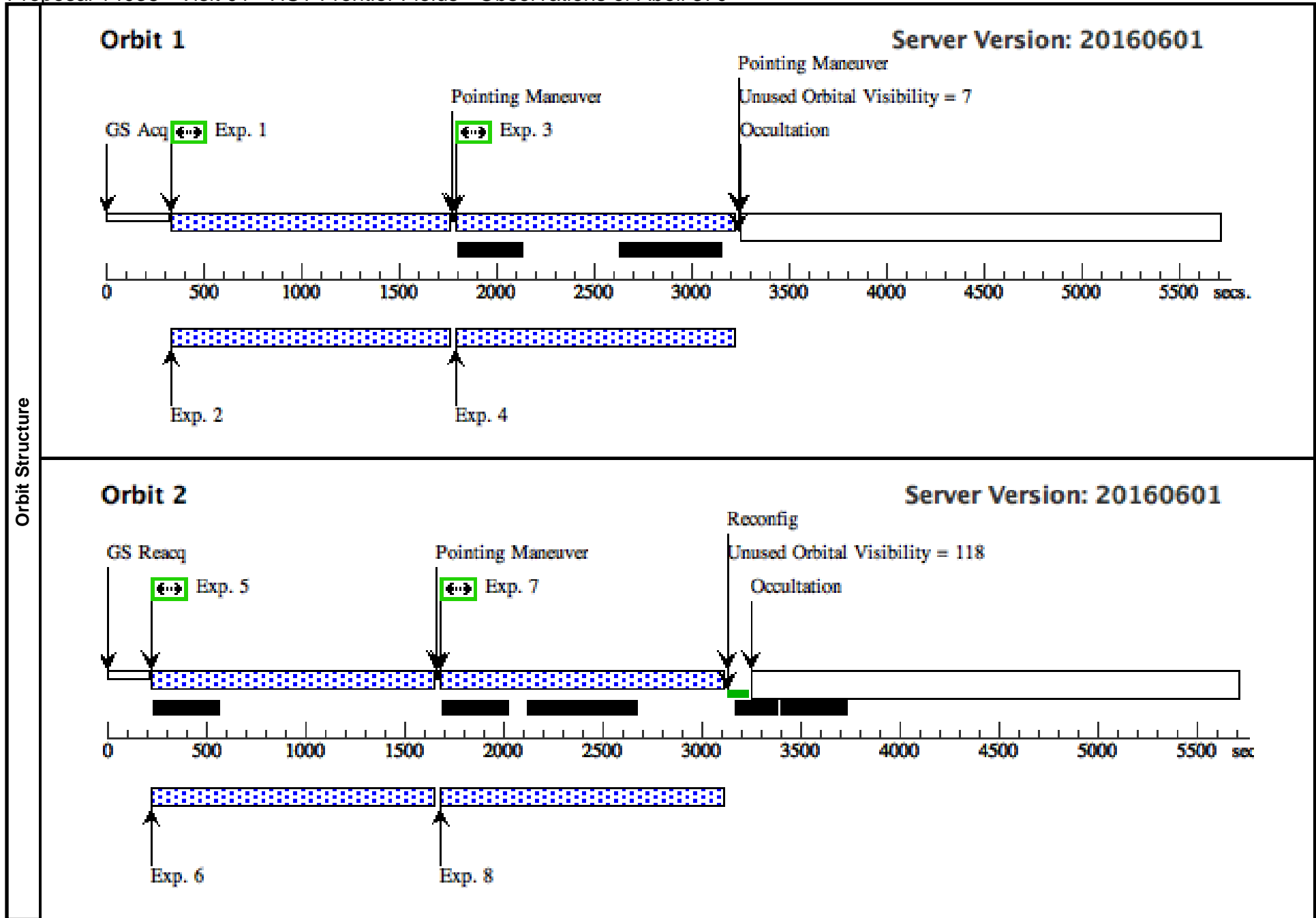
OBSERVING DESCRIPTION

TBD

Proposal 14038 - Visit 01 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:01 GMT 2016

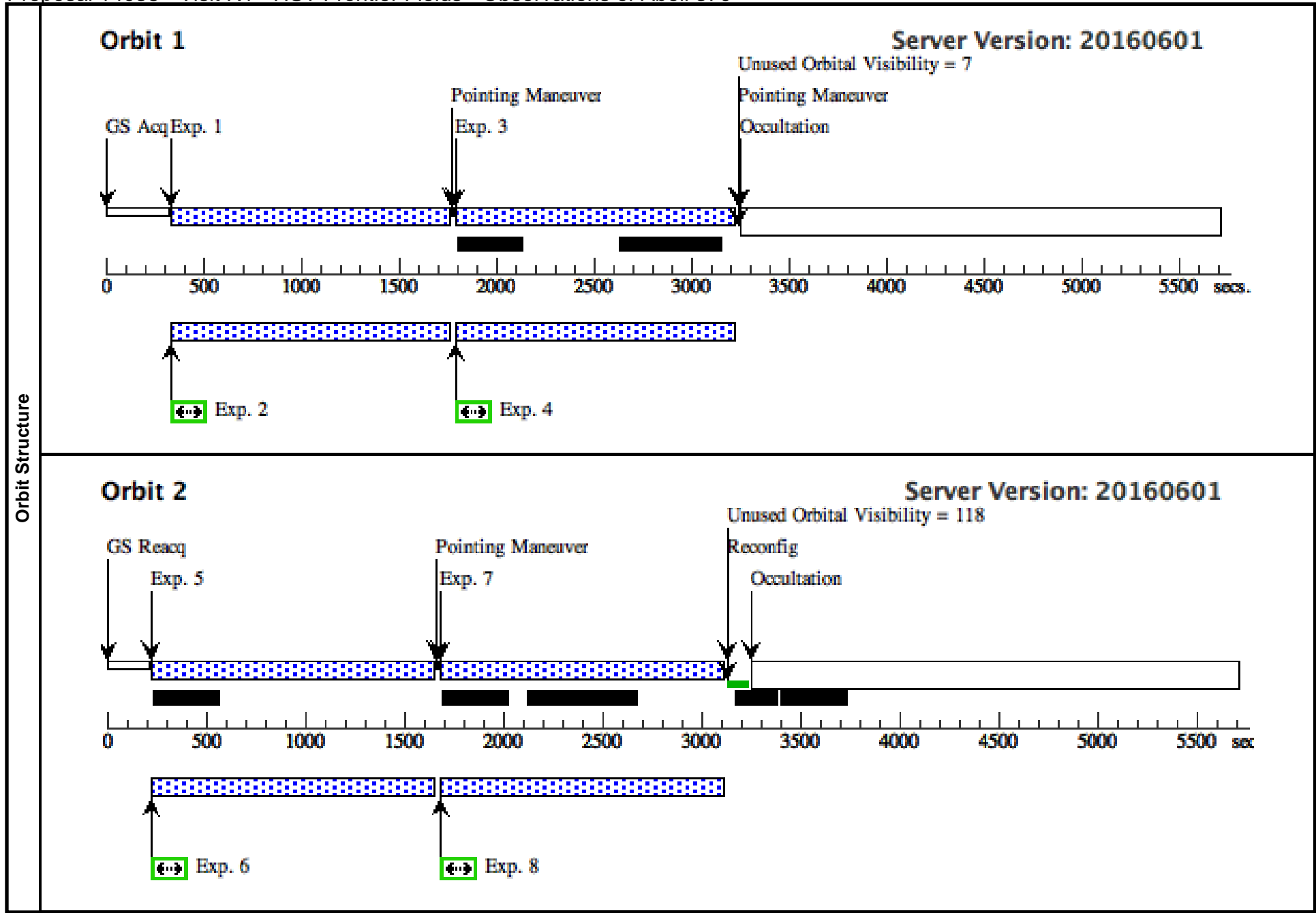
| Visit | Proposal 14038, Visit 01, failed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | | | | | |
|-----------|--|--------------------------|--|-----------------------------|--------------------------|------------------------------------|--------------------------------------|--|---|-------|
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.82382 7632,9.909996351 | Prime + Parallel Group 1-2 in Visit 01 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 1-2 in Visit 01 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.46364 0651,9.967296518 | Prime + Parallel Group 3-4 in Visit 01 | 1307 Secs (1307 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 3-4 in Visit 01 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.60232 2221,5.309393278 | Prime + Parallel Group 5-6 in Visit 01 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 5-6 in Visit 01 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.96250 9202,5.252093111 | Prime + Parallel Group 7-8 in Visit 01 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 7-8 in Visit 01 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |



Proposal 14038 - Visit R1 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:01 GMT 2016

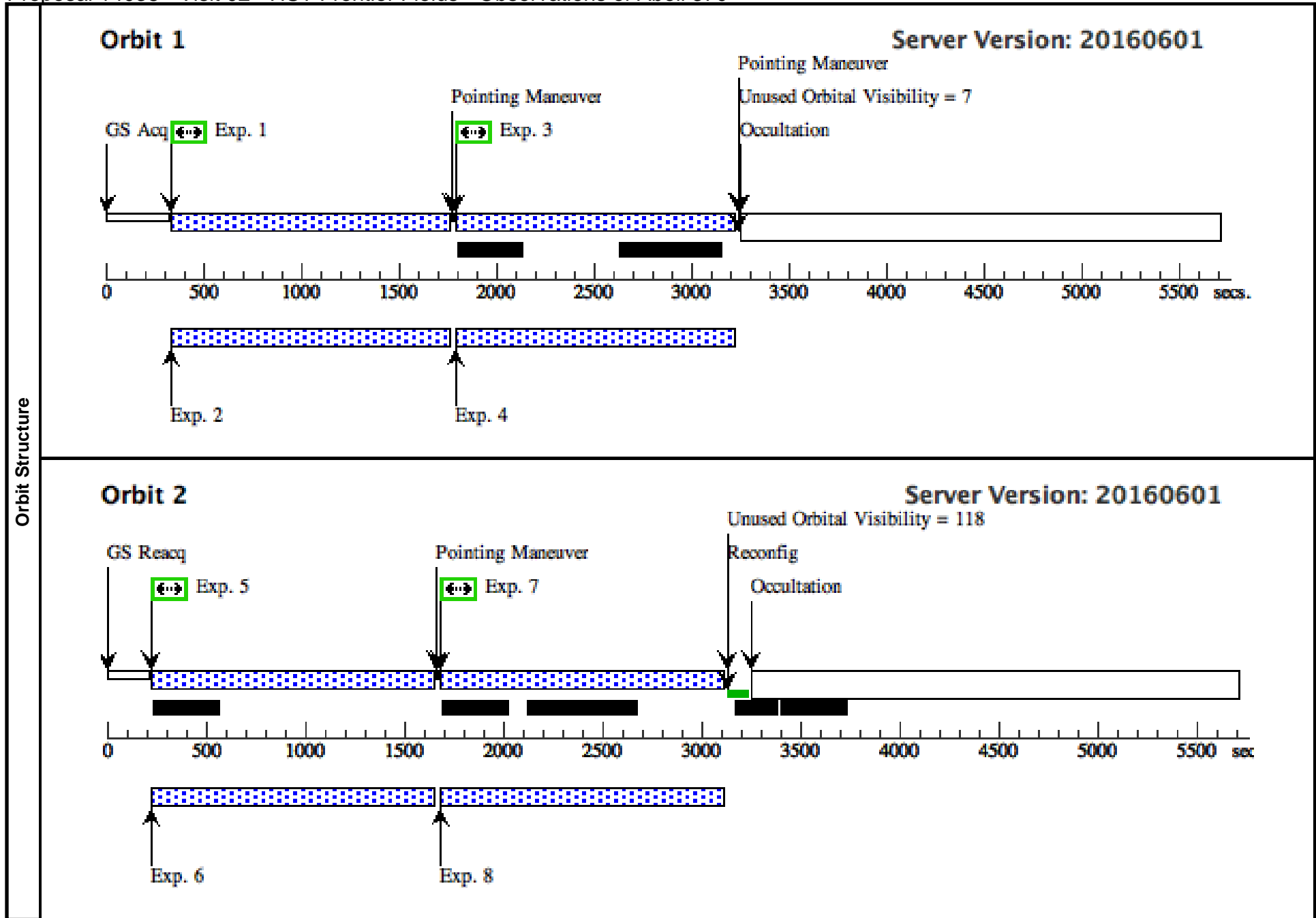
| Visit | Proposal 14038, Visit R1, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: VISIBILITY INTERVAL 3250 S Comments: Repeat of compromised visit B3; Please obtain as close to ORI=73 as possible | | | | | | | | | |
|-----------|--|------------------|--|-----------------------------|--------------------------|------------------------------------|----------------------------|--|---|-------|
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 2.245,1. 401 | Prime + Parallel Gro up 1-2 in Visit R1 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | | ANY | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Gro up 1-2 in Visit R1 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.837,2. 005 | Prime + Parallel Gro up 3-4 in Visit R1 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 4 | | ANY | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Gro up 3-4 in Visit R1 | 1307 Secs (1307 Secs) [==>] | [1] |
| | 5 | | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.482,- 1.264 | Prime + Parallel Gro up 5-6 in Visit R1 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | | ANY | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Gro up 5-6 in Visit R1 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 7 | | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.075,- 1.869 | Prime + Parallel Gro up 7-8 in Visit R1 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | | ANY | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Gro up 7-8 in Visit R1 | 1307 Secs (1307 Secs) [==>] | [2] |



Proposal 14038 - Visit 02 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

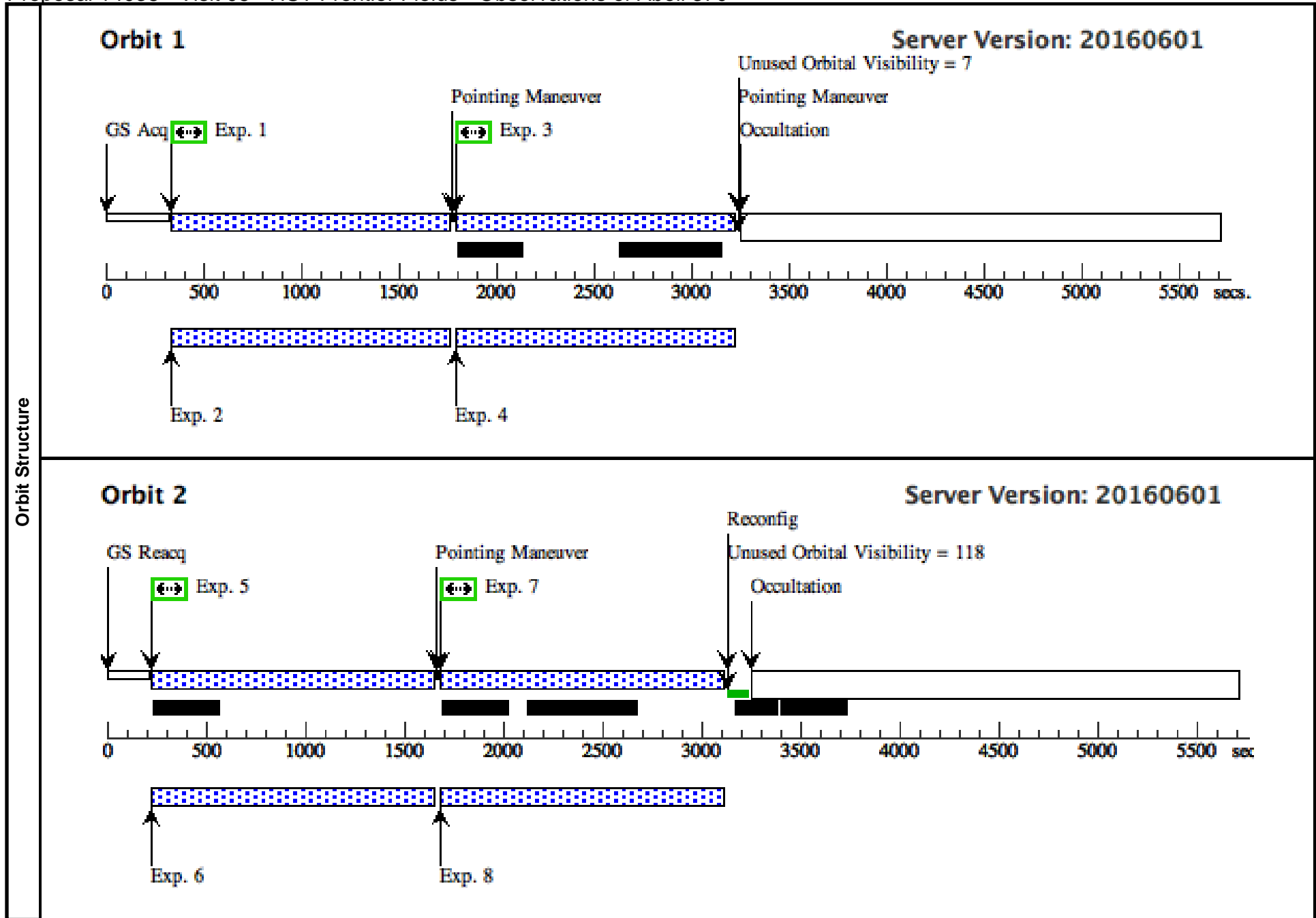
| Visit | Proposal 14038, Visit 02, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | | | | | |
|-----------|--|--------------------------|--|-----------------------------|--------------------------|------------------------------------|---------------------------------------|--|---|-------|
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.65990 6086,10.812429473 | Prime + Parallel Group 1-2 in Visit 02 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 1-2 in Visit 02 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 1.02004 0256,10.756542533 | Prime + Parallel Group 3-4 in Visit 02 | 1307 Secs (1307 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 3-4 in Visit 02 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.79853 4845,6.15593946 | Prime + Parallel Group 5-6 in Visit 02 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 5-6 in Visit 02 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 1.15872 1826,6.098639293 | Prime + Parallel Group 7-8 in Visit 02 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 7-8 in Visit 02 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |



Proposal 14038 - Visit 05 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

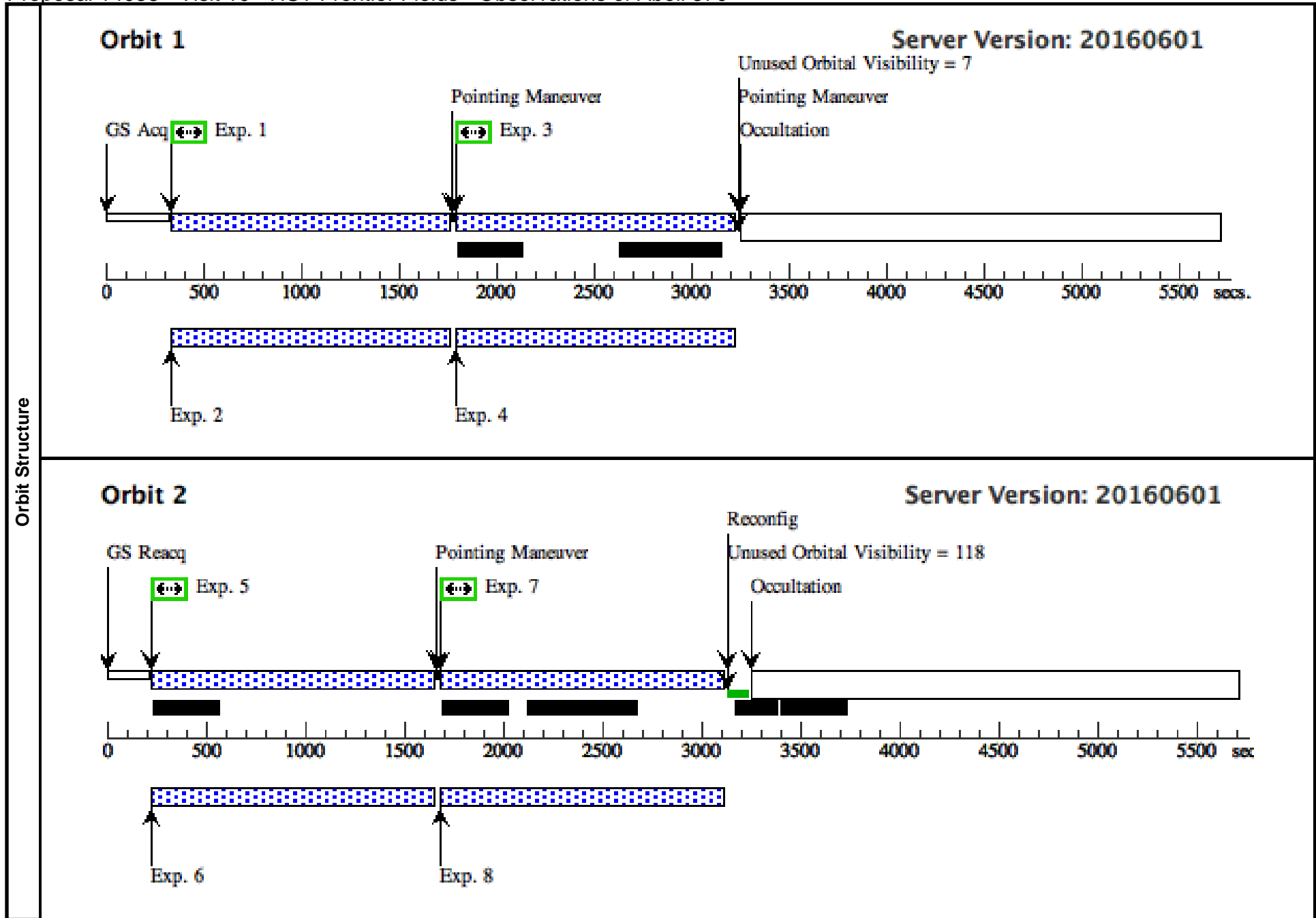
| Visit | Proposal 14038, Visit 05, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | | | | | |
|-----------|--|-----------------------|--|-----------------------------|------------------------------------|------------------------------------|--|---|---|-------|
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.63632 272,10.74291096 | Prime + Parallel Group 1-2 in Visit 05 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 1-2 in Visit 05 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.27545 5531,10.799478108 | Prime + Parallel Group 3-4 in Visit 05 | 1307 Secs (1307 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 3-4 in Visit 05 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.41481 7309,6.142307887 | Prime + Parallel Group 5-6 in Visit 05 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 5-6 in Visit 05 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.77500 429,6.08500772 | Prime + Parallel Group 7-8 in Visit 05 | 1307 Secs (1307 Secs) [==>] | [2] |
| 8 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 7-8 in Visit 05 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] | |



Proposal 14038 - Visit 10 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

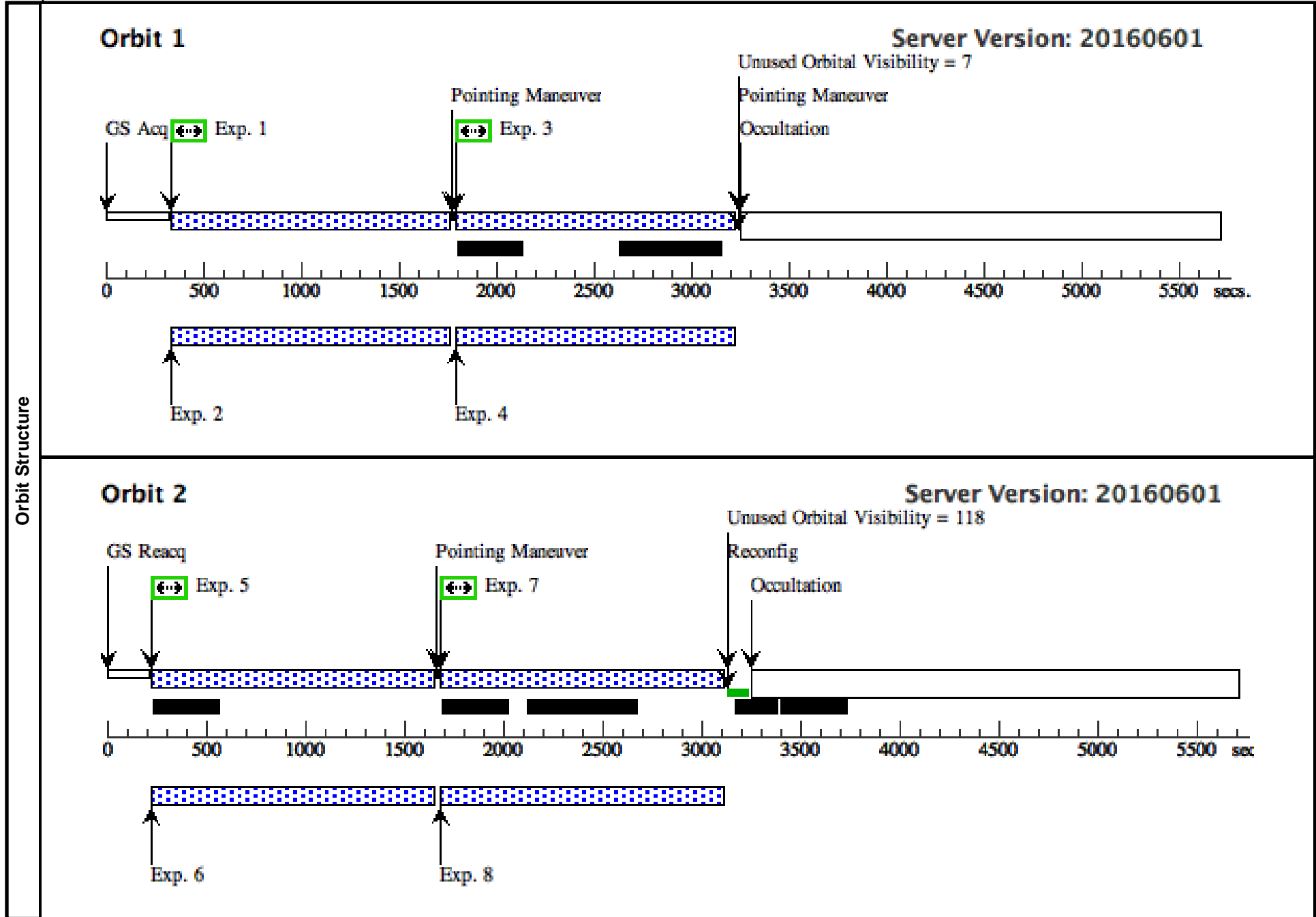
| Visit | Proposal 14038, Visit 10, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | | | | | |
|-----------|--|--------------------------|--|-----------------------------|--------------------------|------------------------------------|---------------------------------------|--|---|-------|
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.53672 2899,10.245991632 | Prime + Parallel Group 1-2 in Visit 10 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 1-2 in Visit 10 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.89690 988,10.188691465 | Prime + Parallel Group 3-4 in Visit 10 | 1307 Secs (1307 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 3-4 in Visit 10 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.67540 4469,5.588088392 | Prime + Parallel Group 5-6 in Visit 10 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 5-6 in Visit 10 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 1.03485 8431,5.531468433 | Prime + Parallel Group 7-8 in Visit 10 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 7-8 in Visit 10 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |



Proposal 14038 - Visit 15 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

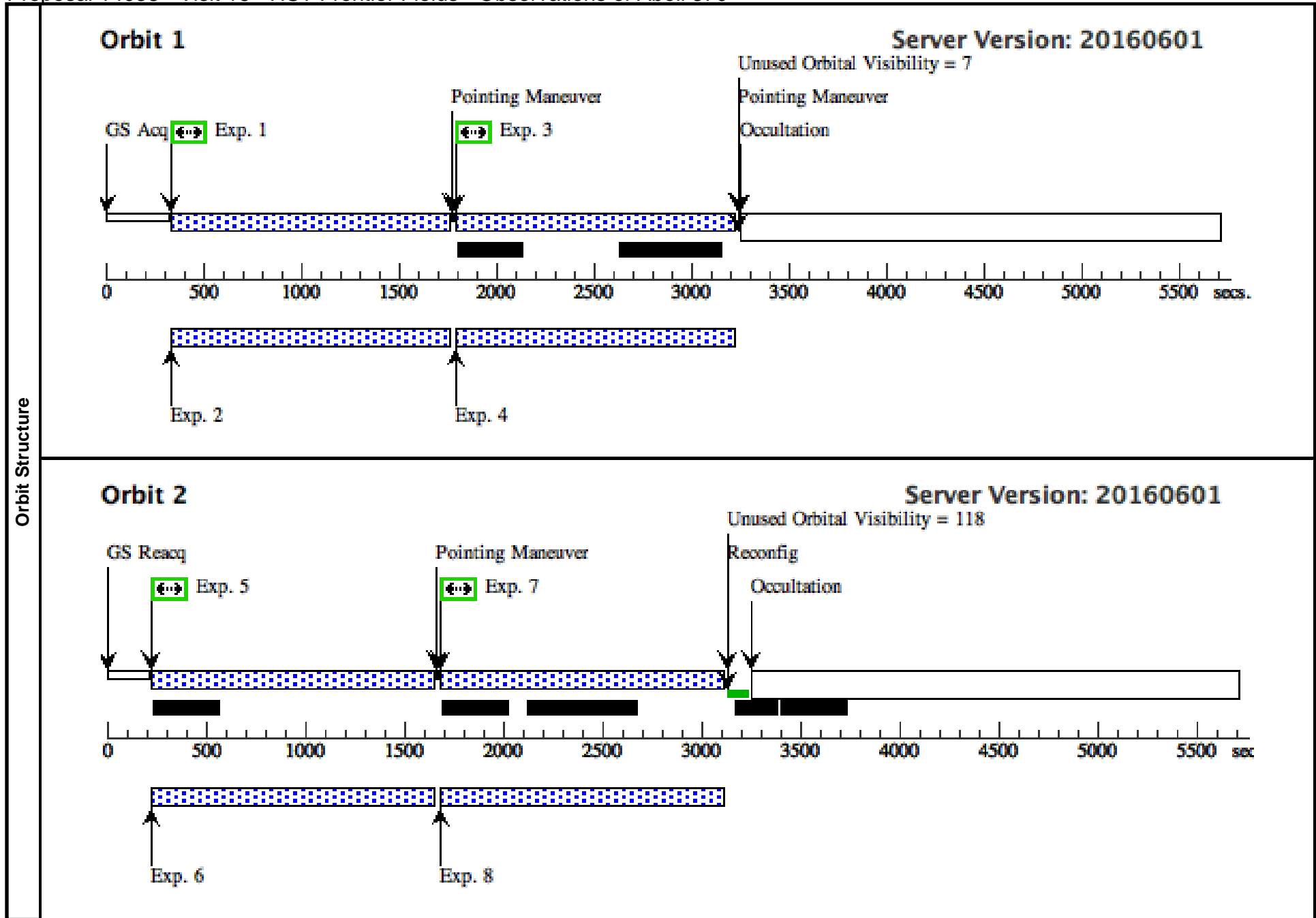
| Visit | Proposal 14038, Visit 15, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | | | | | |
|-----------|--|--------------------------|--|-----------------------------|--------------------------|------------------------------------|---------------------------------------|--|---|-------|
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 1.17390 0299,10.521000457 | Prime + Parallel Group 1-2 in Visit 15 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 1-2 in Visit 15 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.81371 3318,10.578300624 | Prime + Parallel Group 3-4 in Visit 15 | 1307 Secs (1307 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 3-4 in Visit 15 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.95239 4888,5.920397384 | Prime + Parallel Group 5-6 in Visit 15 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 5-6 in Visit 15 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 1.31258 1869,5.863097217 | Prime + Parallel Group 7-8 in Visit 15 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 7-8 in Visit 15 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |



Proposal 14038 - Visit 16 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

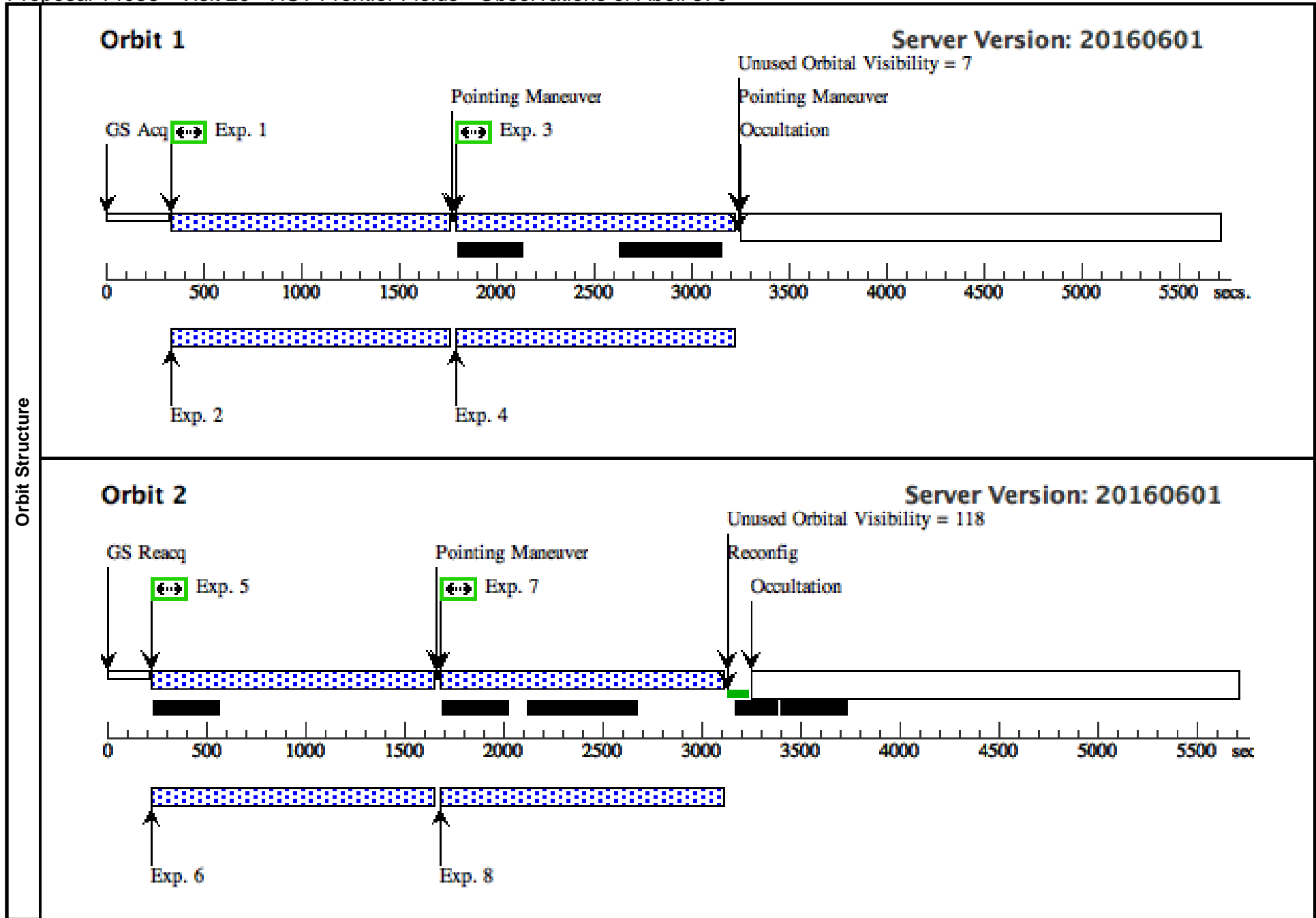
| Visit | Proposal 14038, Visit 16, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | | | | | |
|-----------|--|--------------------------|--|-----------------------------|------------------------------------|------------------------------------|--|---|---|-------|
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.54680 145,10.79051285 | Prime + Parallel Group 1-2 in Visit 16 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 1-2 in Visit 16 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.90625 5412,10.733892891 | Prime + Parallel Group 3-4 in Visit 16 | 1307 Secs (1307 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 3-4 in Visit 16 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.68475 0001,6.133289818 | Prime + Parallel Group 5-6 in Visit 16 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 5-6 in Visit 16 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 1.04561 719,6.07672267 | Prime + Parallel Group 7-8 in Visit 16 | 1307 Secs (1307 Secs) [==>] | [2] |
| 8 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 7-8 in Visit 16 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] | |



Proposal 14038 - Visit 20 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

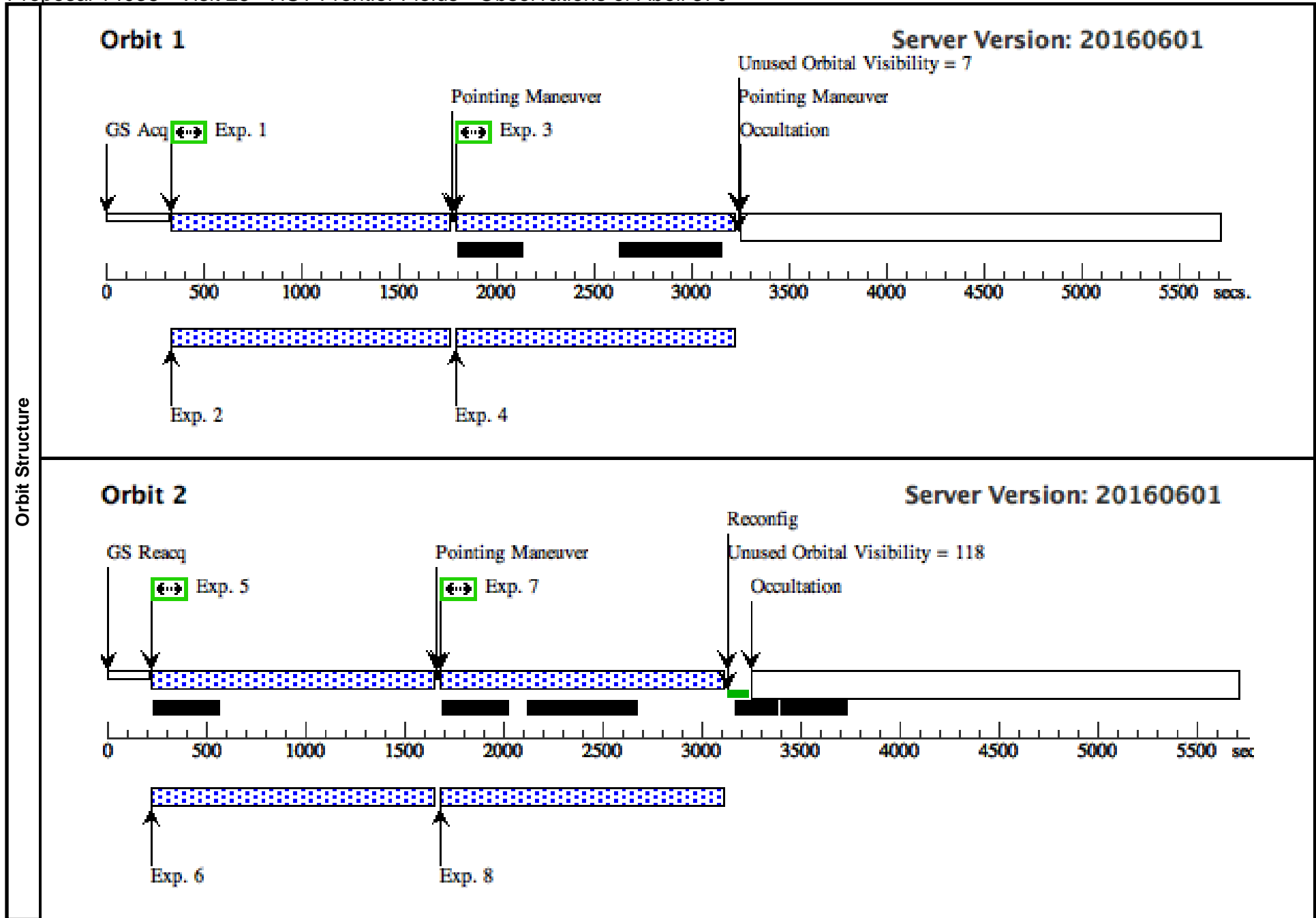
| Visit | Proposal 14038, Visit 20, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | | | | | |
|-----------|--|--------------------------|--|-----------------------------|--------------------------|------------------------------------|---------------------------------------|--|---|-------|
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.54139 5665,10.518592345 | Prime + Parallel Group 1-2 in Visit 20 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 1-2 in Visit 20 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.90158 2646,10.461292178 | Prime + Parallel Group 3-4 in Visit 20 | 1307 Secs (1307 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 3-4 in Visit 20 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.68007 7235,5.860689105 | Prime + Parallel Group 5-6 in Visit 20 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 5-6 in Visit 20 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 1.04026 4216,5.803388938 | Prime + Parallel Group 7-8 in Visit 20 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 7-8 in Visit 20 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |



Proposal 14038 - Visit 25 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

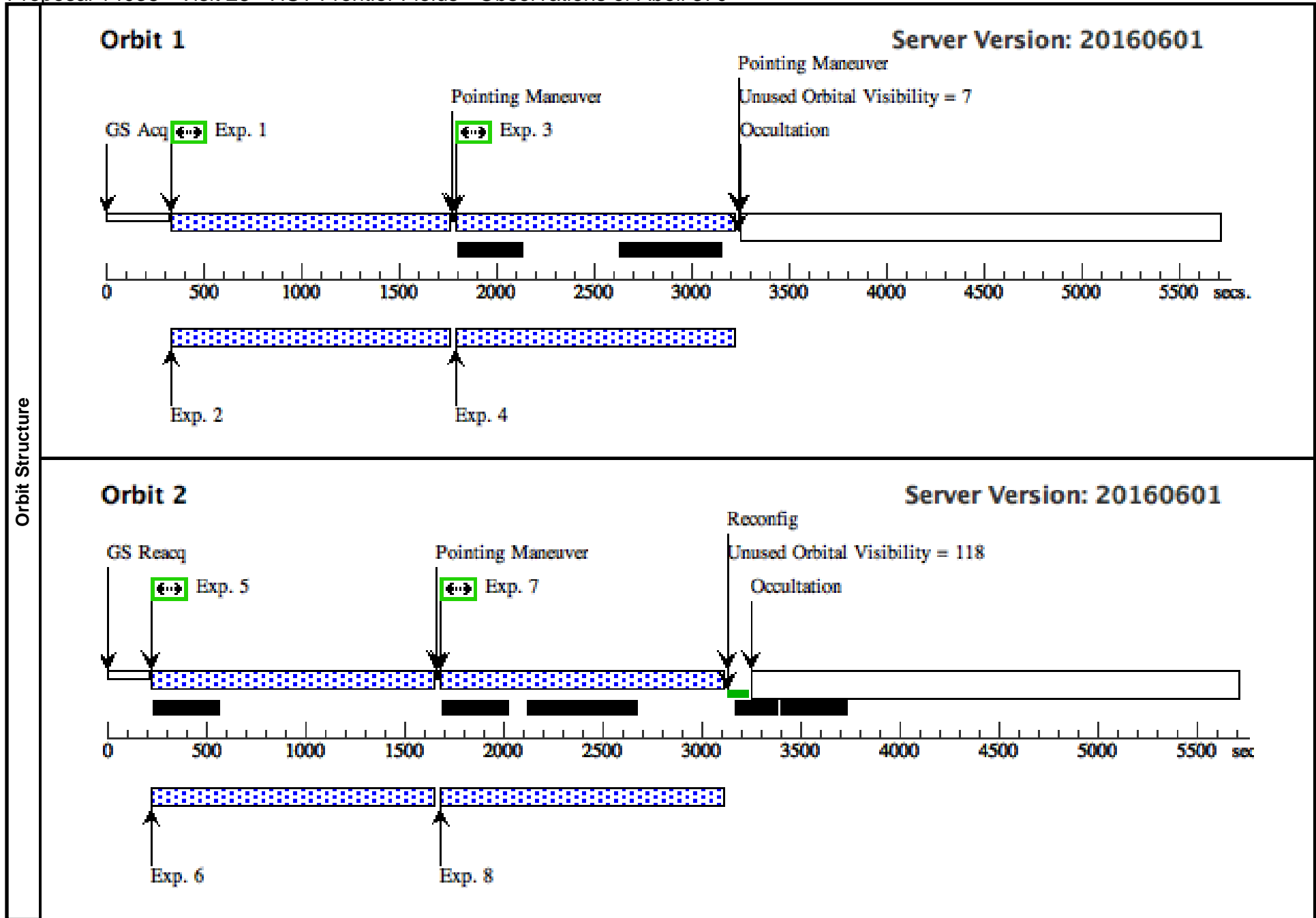
| Visit | Proposal 14038, Visit 25, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | | | | | |
|-----------|--|--------------------------|--|-----------------------------|--------------------------|------------------------------------|---------------------------------------|--|---|-------|
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.63096 9746,10.469577228 | Prime + Parallel Group 1-2 in Visit 25 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 1-2 in Visit 25 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.27078 2765,10.526877395 | Prime + Parallel Group 3-4 in Visit 25 | 1307 Secs (1307 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 3-4 in Visit 25 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.40946 4335,5.868974155 | Prime + Parallel Group 5-6 in Visit 25 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 5-6 in Visit 25 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.76959 8505,5.813087215 | Prime + Parallel Group 7-8 in Visit 25 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 7-8 in Visit 25 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |



Proposal 14038 - Visit 28 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

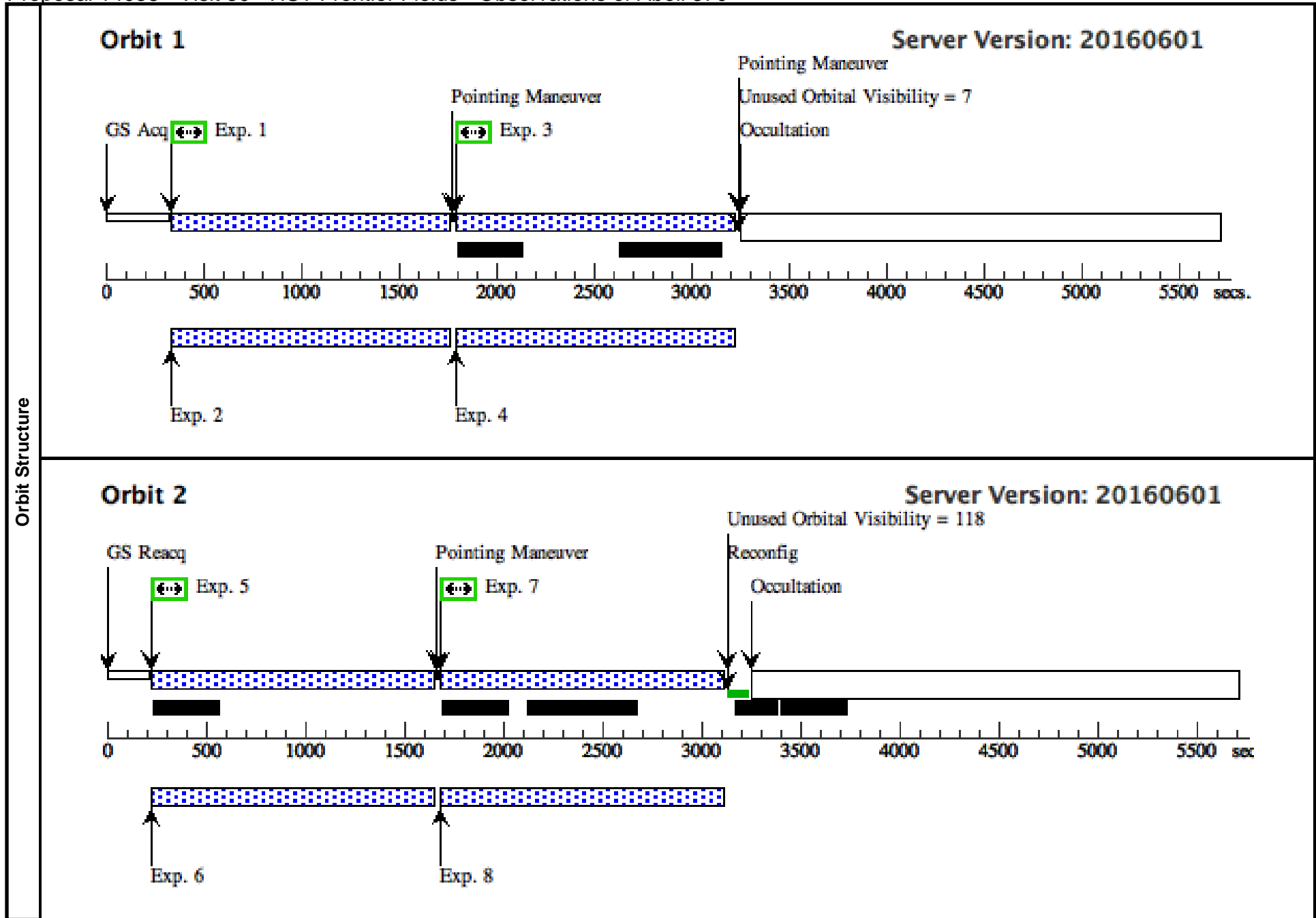
| Visit | Proposal 14038, Visit 28, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | | | | | |
|---------------|--|--|--|------------------------------------|------------------------------------|-----------------------|--|--|---|-------|
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | | POS TARG -0.0015 3488800000001,10.4 67169116 | Prime + Parallel Group up 1-2 in Visit 28 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | | Prime + Parallel Group up 1-2 in Visit 28 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | | POS TARG 0.35933 2301,10.410601968 | Prime + Parallel Group up 3-4 in Visit 28 | 1307 Secs (1307 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | | Prime + Parallel Group up 3-4 in Visit 28 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | | POS TARG 0.13782 689,5.809998895 | Prime + Parallel Group up 5-6 in Visit 28 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | | Prime + Parallel Group up 5-6 in Visit 28 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | | POS TARG 0.49728 0852,5.753378936 | Prime + Parallel Group up 7-8 in Visit 28 | 1307 Secs (1307 Secs) [==>] | [2] |
| 8 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | | Prime + Parallel Group up 7-8 in Visit 28 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] | |



Proposal 14038 - Visit 30 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

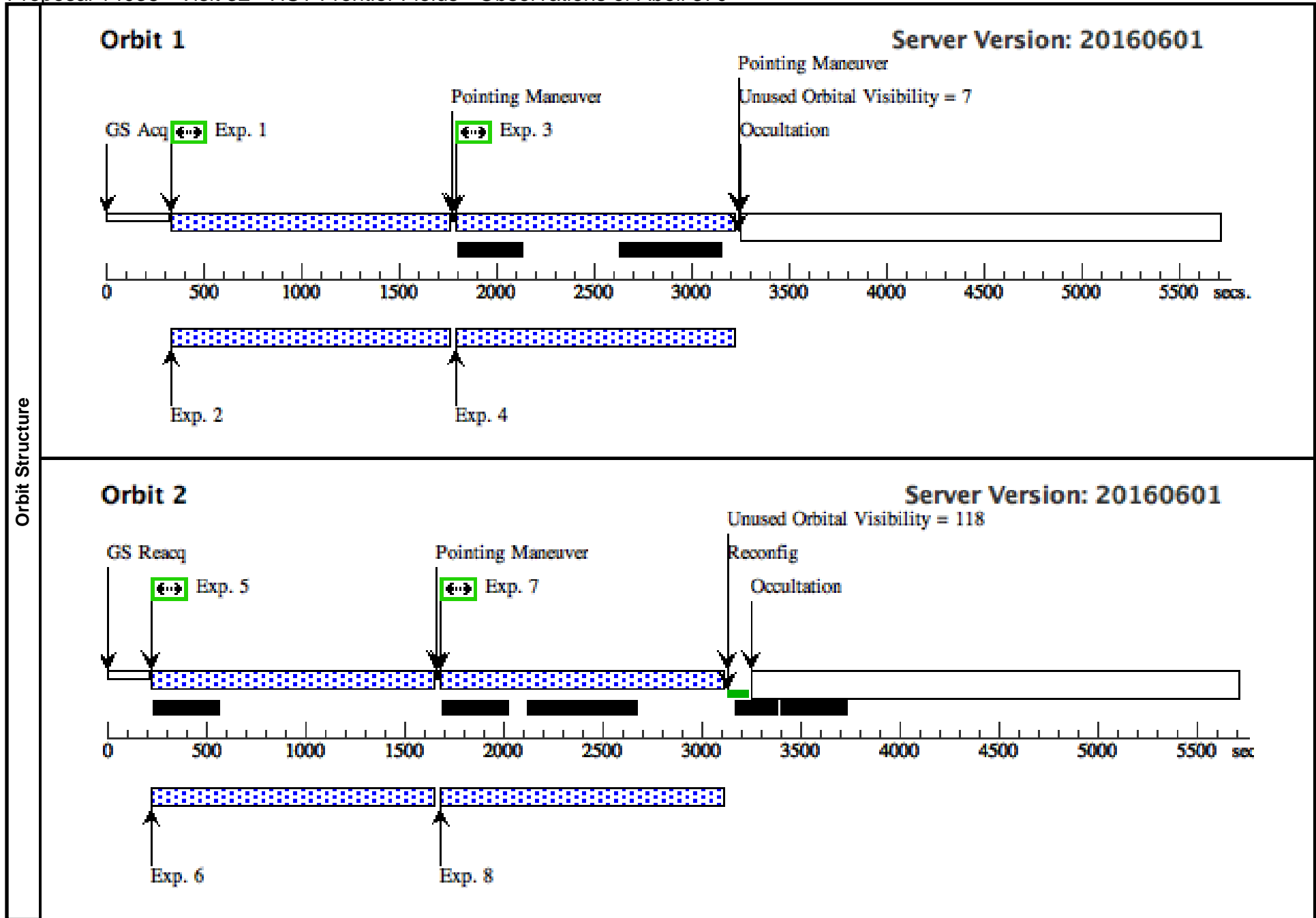
| Visit | Proposal 14038, Visit 30, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | | | | | |
|-----------|--|--------------------------|--|-----------------------------|--------------------------|------------------------------------|---------------------------------------|--|---|-------|
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.67295 4607,10.292830901 | Prime + Parallel Group 1-2 in Visit 30 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 1-2 in Visit 30 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 1.03314 1588,10.235530734 | Prime + Parallel Group 3-4 in Visit 30 | 1307 Secs (1307 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 3-4 in Visit 30 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.81163 6177,5.634927661 | Prime + Parallel Group 5-6 in Visit 30 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 5-6 in Visit 30 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 1.17109 0139,5.578307702 | Prime + Parallel Group 7-8 in Visit 30 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 7-8 in Visit 30 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |



Proposal 14038 - Visit 32 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

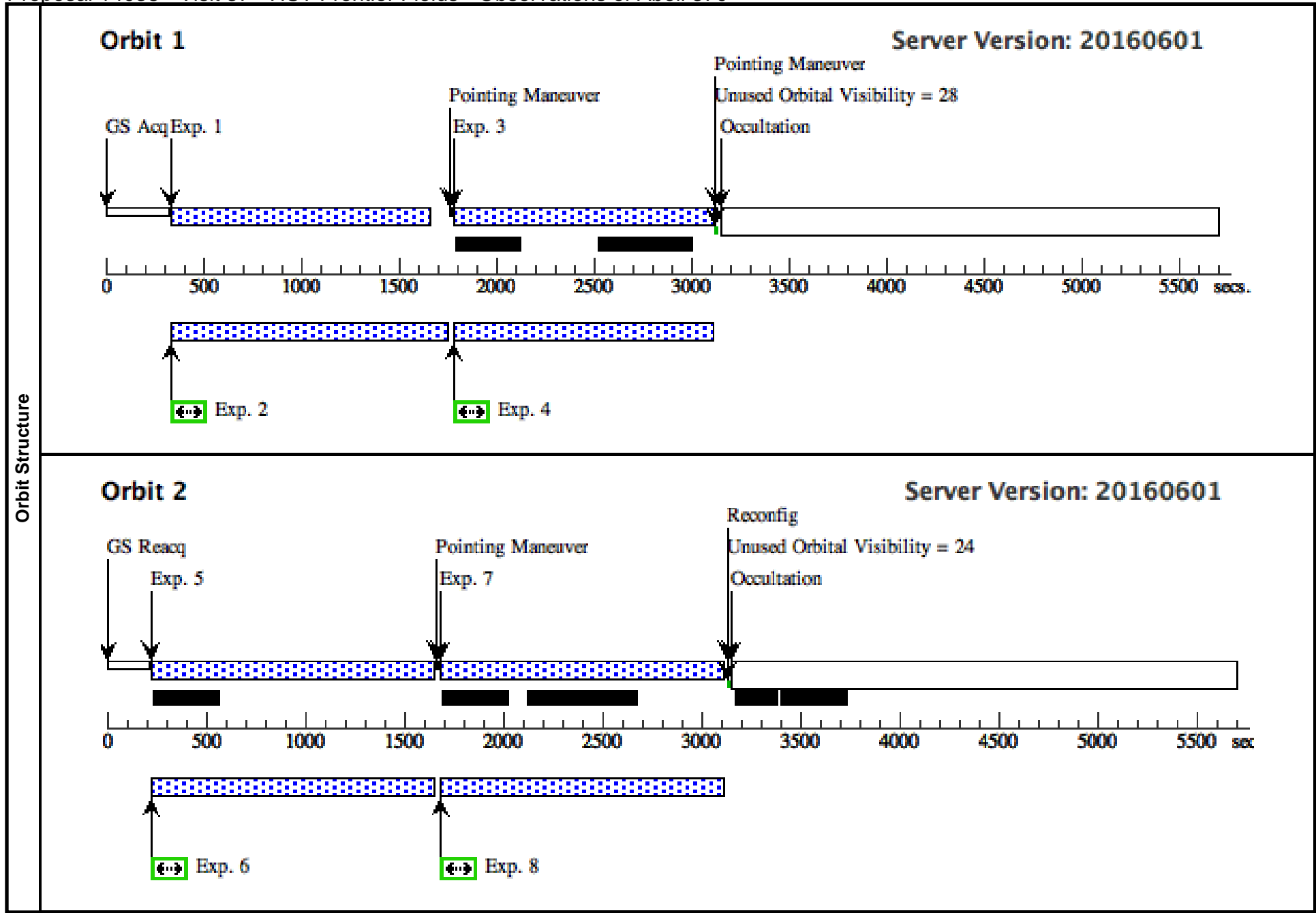
| Visit | Proposal 14038, Visit 32, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | | | | | |
|-----------|--|--------------------------|--|-----------------------------|--------------------------|------------------------------------|---------------------------------------|--|---|-------|
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.67762 7373,10.565431614 | Prime + Parallel Group 1-2 in Visit 32 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 1-2 in Visit 32 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 1.03781 4354,10.508131447 | Prime + Parallel Group 3-4 in Visit 32 | 1307 Secs (1307 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 3-4 in Visit 32 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.81630 8943,5.907528374 | Prime + Parallel Group 5-6 in Visit 32 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 5-6 in Visit 32 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 1.17649 5924,5.850228207 | Prime + Parallel Group 7-8 in Visit 32 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Prime + Parallel Group 7-8 in Visit 32 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |



Proposal 14038 - Visit 37 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

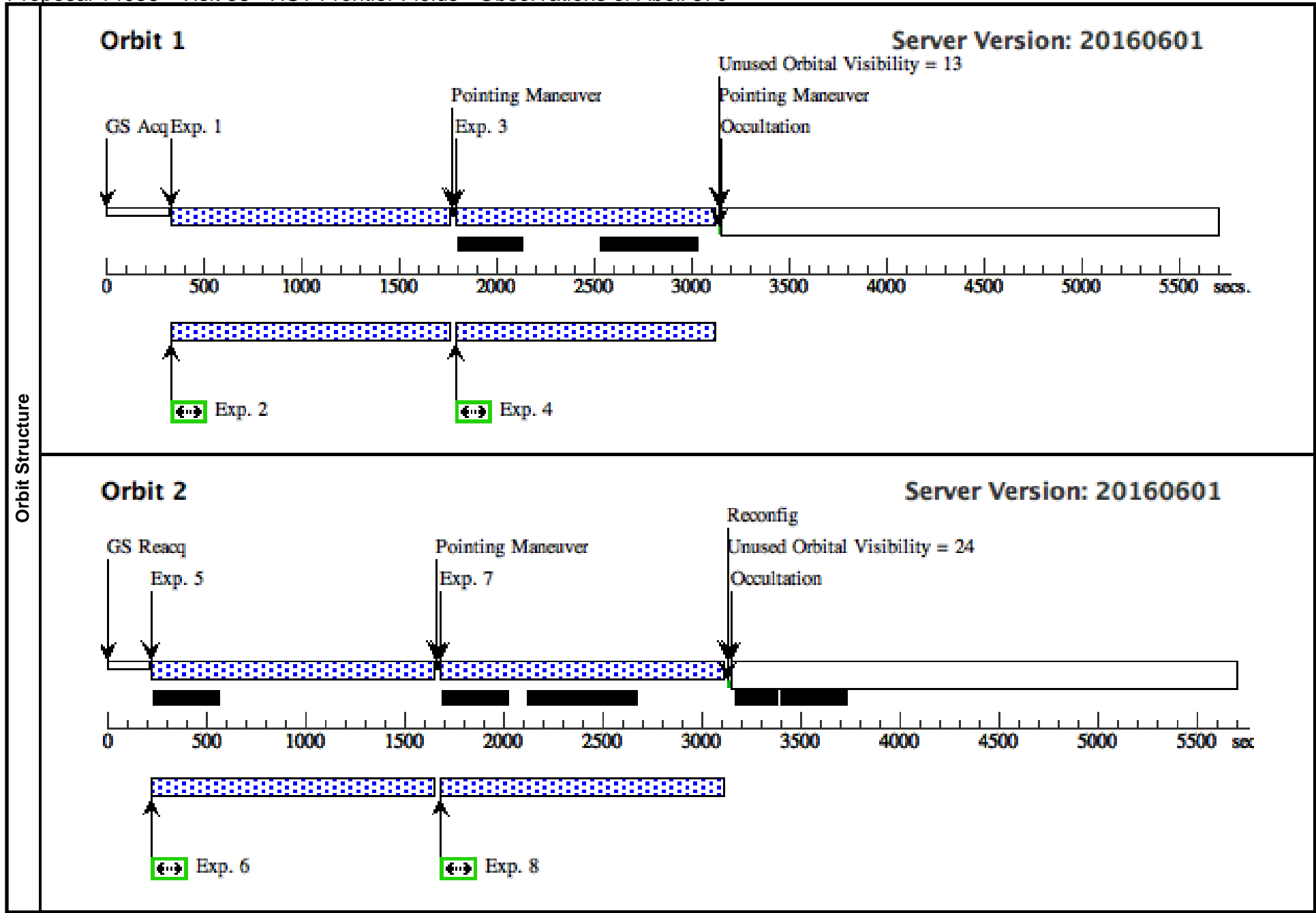
| Visit | Proposal 14038, Visit 37, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | | | | | |
|---------------|--|---|--|--|--------------------------|------------------------------------|--|--|---|-------|
| | Diagnostics | (Visit 37) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 2.143,1.552; GS ACQ SCENARI O BASE1B3 | Prime + Parallel Group 1-2 in Visit 37 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Prime + Parallel Group 1-2 in Visit 37 | 1210 Secs (1210 Secs) [==>] | [1] |
| | 3 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.939,1.854 | Prime + Parallel Group 3-4 in Visit 37 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Prime + Parallel Group 3-4 in Visit 37 | 1207 Secs (1207 Secs) [==>] | [1] |
| | 5 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.38,-1.415 | Prime + Parallel Group 5-6 in Visit 37 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Prime + Parallel Group 5-6 in Visit 37 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 7 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.177,-1.718 | Prime + Parallel Group 7-8 in Visit 37 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Prime + Parallel Group 7-8 in Visit 37 | 1307 Secs (1307 Secs) [==>] | [2] |



Proposal 14038 - Visit 38 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

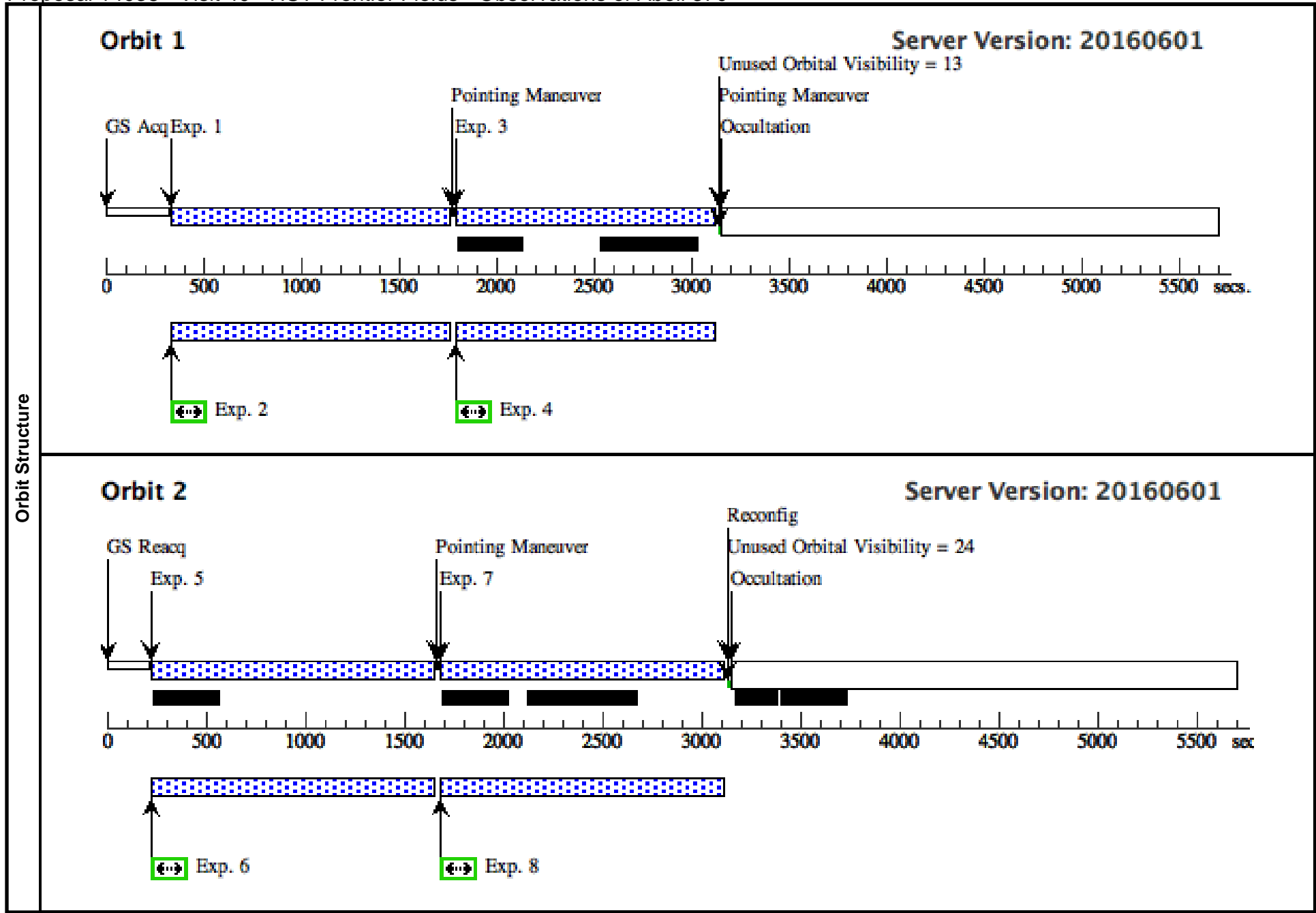
| Visit | Proposal 14038, Visit 38, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 253D TO 253 D; BETWEEN 01-JUL-2015:00:00:00 AND 30-SEP-2015:00:00:00 | | | | | | | | | |
|---------------|--|--------------------------|--|--------------------------|------------------------------------|--|--|---|---------------------------------|-------|
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.541,1.832 | Prime + Parallel Group 1-2 in Visit 38 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] | |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 1-2 in Visit 38 | 1225 Secs (1225 Secs) [==>] | [1] | |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.745,1.529 | Prime + Parallel Group 3-4 in Visit 38 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] | |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 3-4 in Visit 38 | 1207 Secs (1207 Secs) [==>] | [1] | |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.778,-1.438 | Prime + Parallel Group 5-6 in Visit 38 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] | |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 5-6 in Visit 38 | 1307 Secs (1307 Secs) [==>] | [2] | |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.575,-1.741 | Prime + Parallel Group 7-8 in Visit 38 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] | |
| 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 7-8 in Visit 38 | 1307 Secs (1307 Secs) [==>] | [2] | | |



Proposal 14038 - Visit 40 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

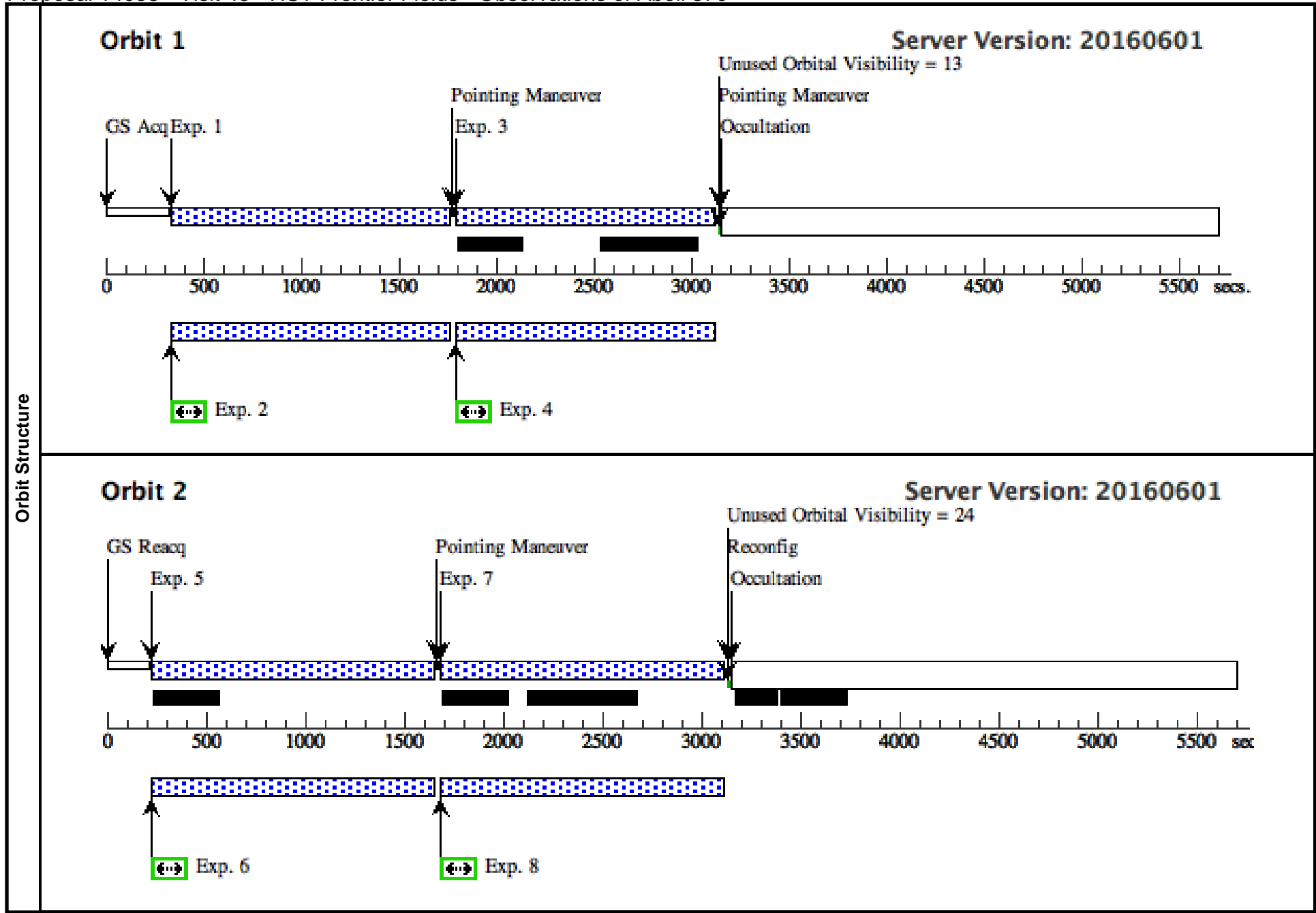
| Visit | Proposal 14038, Visit 40, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | | | | | |
|---------------|--|--------------------------|--|--------------------------|------------------------------------|--|--|---|---------------------------------|-------|
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.668,2. 127 | Prime + Parallel Group 1-2 in Visit 40 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] | |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 1-2 in Visit 40 | 1225 Secs (1225 Secs) [==>] | [1] | |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.872,1. 824 | Prime + Parallel Group 3-4 in Visit 40 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] | |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 3-4 in Visit 40 | 1207 Secs (1207 Secs) [==>] | [1] | |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.651,- 1.143 | Prime + Parallel Group 5-6 in Visit 40 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] | |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 5-6 in Visit 40 | 1307 Secs (1307 Secs) [==>] | [2] | |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.448,- 1.446 | Prime + Parallel Group 7-8 in Visit 40 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] | |
| 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 7-8 in Visit 40 | 1307 Secs (1307 Secs) [==>] | [2] | | |



Proposal 14038 - Visit 45 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

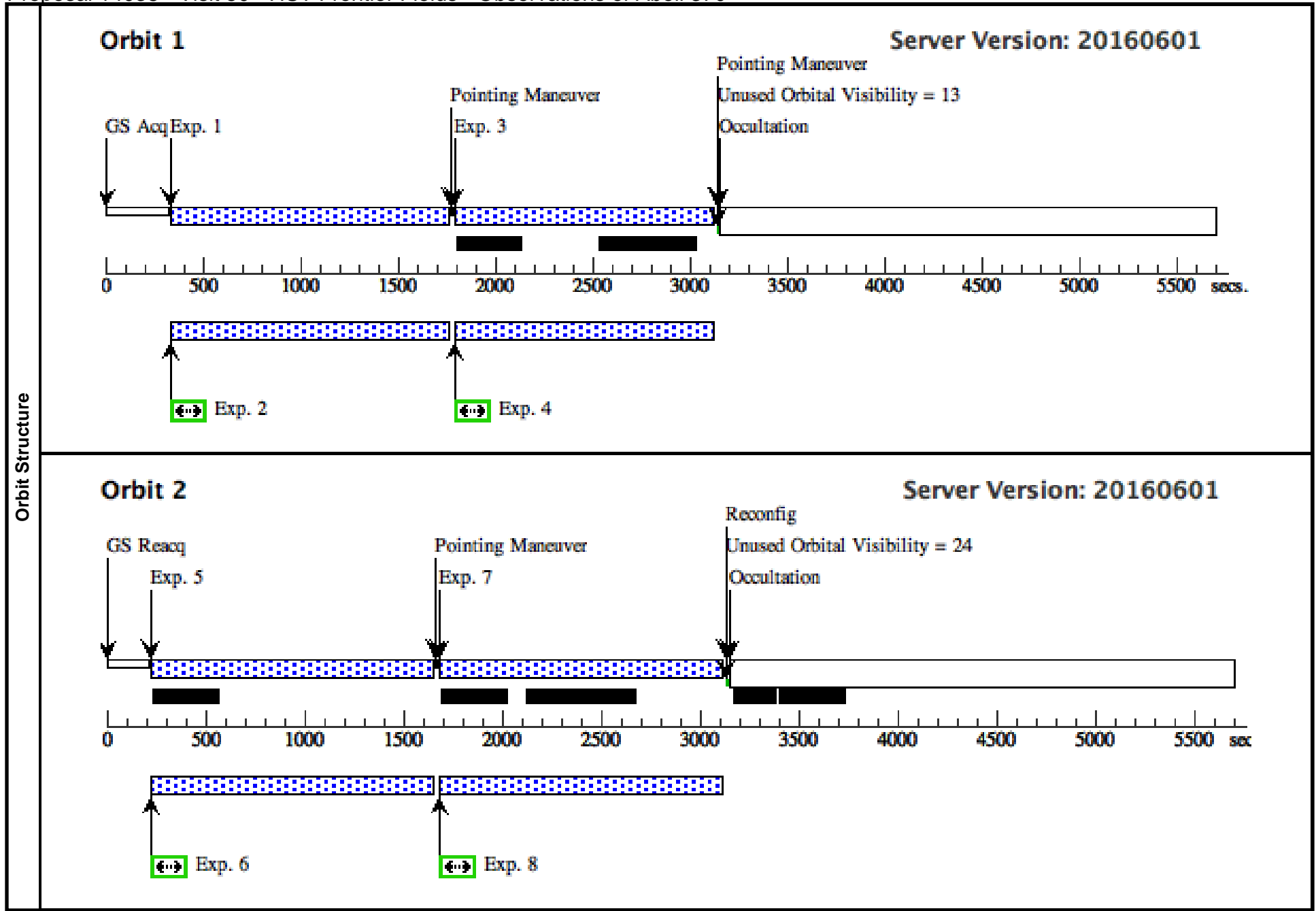
| Visit | Proposal 14038, Visit 45, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | | | | | |
|---------------|--|--------------------------|--|--------------------------|------------------------------------|--|--|---|---------------------------------|-------|
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.643,1.256 | Prime + Parallel Group 1-2 in Visit 45 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] | |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 1-2 in Visit 45 | 1225 Secs (1225 Secs) [==>] | [1] | |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.44,1.559 | Prime + Parallel Group 3-4 in Visit 45 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] | |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 3-4 in Visit 45 | 1207 Secs (1207 Secs) [==>] | [1] | |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.88,-1.711 | Prime + Parallel Group 5-6 in Visit 45 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] | |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 5-6 in Visit 45 | 1307 Secs (1307 Secs) [==>] | [2] | |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.677,-2.013 | Prime + Parallel Group 7-8 in Visit 45 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] | |
| 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 7-8 in Visit 45 | 1307 Secs (1307 Secs) [==>] | [2] | | |



Proposal 14038 - Visit 50 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

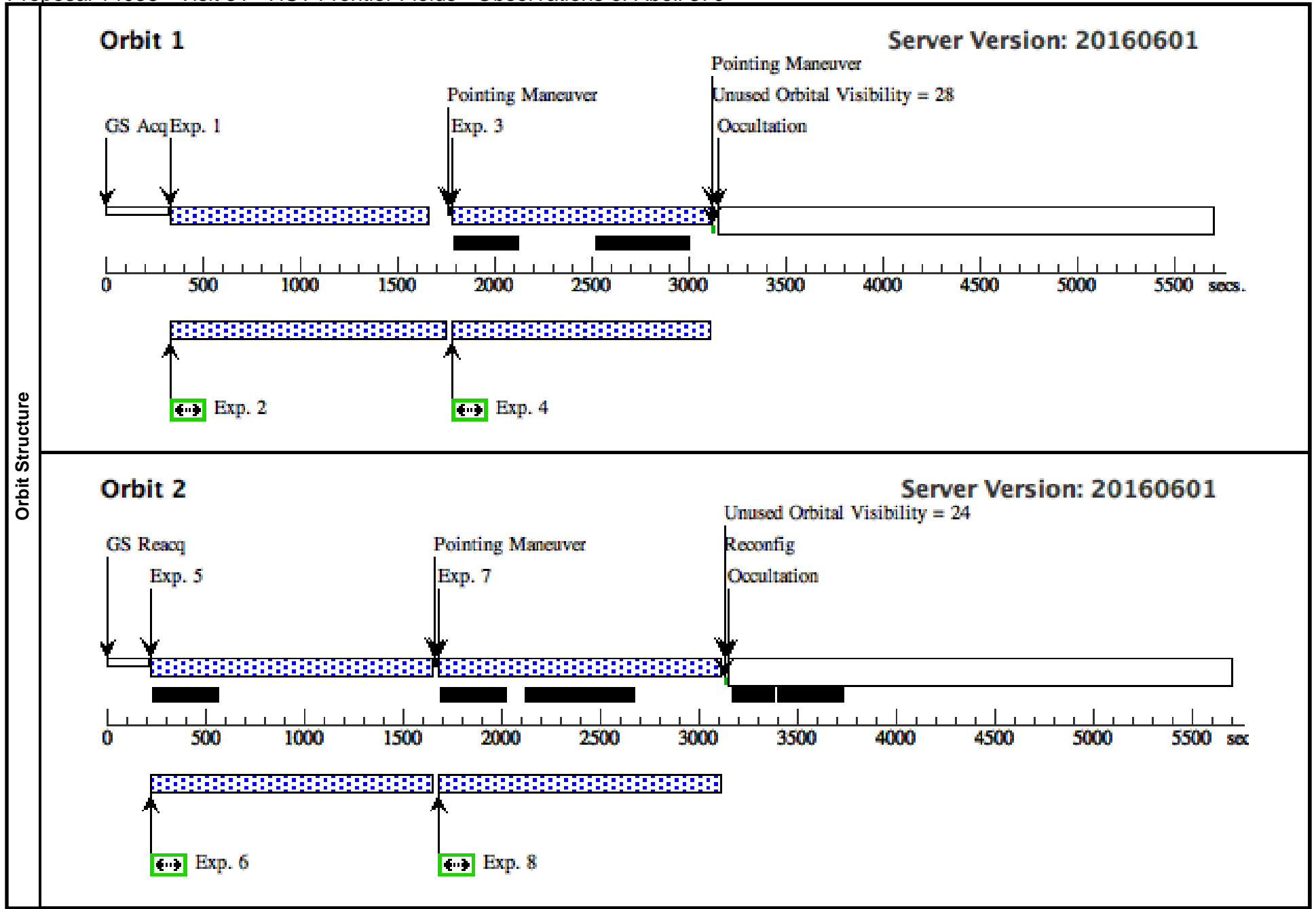
| Visit | Proposal 14038, Visit 50, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | | | | | |
|---------------|--|--------------------------|--|--------------------------|------------------------------------|--|--|---|---------------------------------|-------|
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.872,1.582 | Prime + Parallel Group 1-2 in Visit 50 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] | |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 1-2 in Visit 50 | 1225 Secs (1225 Secs) [==>] | [1] | |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 2.075,1.279 | Prime + Parallel Group 3-4 in Visit 50 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] | |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 3-4 in Visit 50 | 1207 Secs (1207 Secs) [==>] | [1] | |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.448,-1.688 | Prime + Parallel Group 5-6 in Visit 50 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] | |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 5-6 in Visit 50 | 1307 Secs (1307 Secs) [==>] | [2] | |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.245,-1.991 | Prime + Parallel Group 7-8 in Visit 50 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] | |
| 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 7-8 in Visit 50 | 1307 Secs (1307 Secs) [==>] | [2] | | |



Proposal 14038 - Visit 51 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

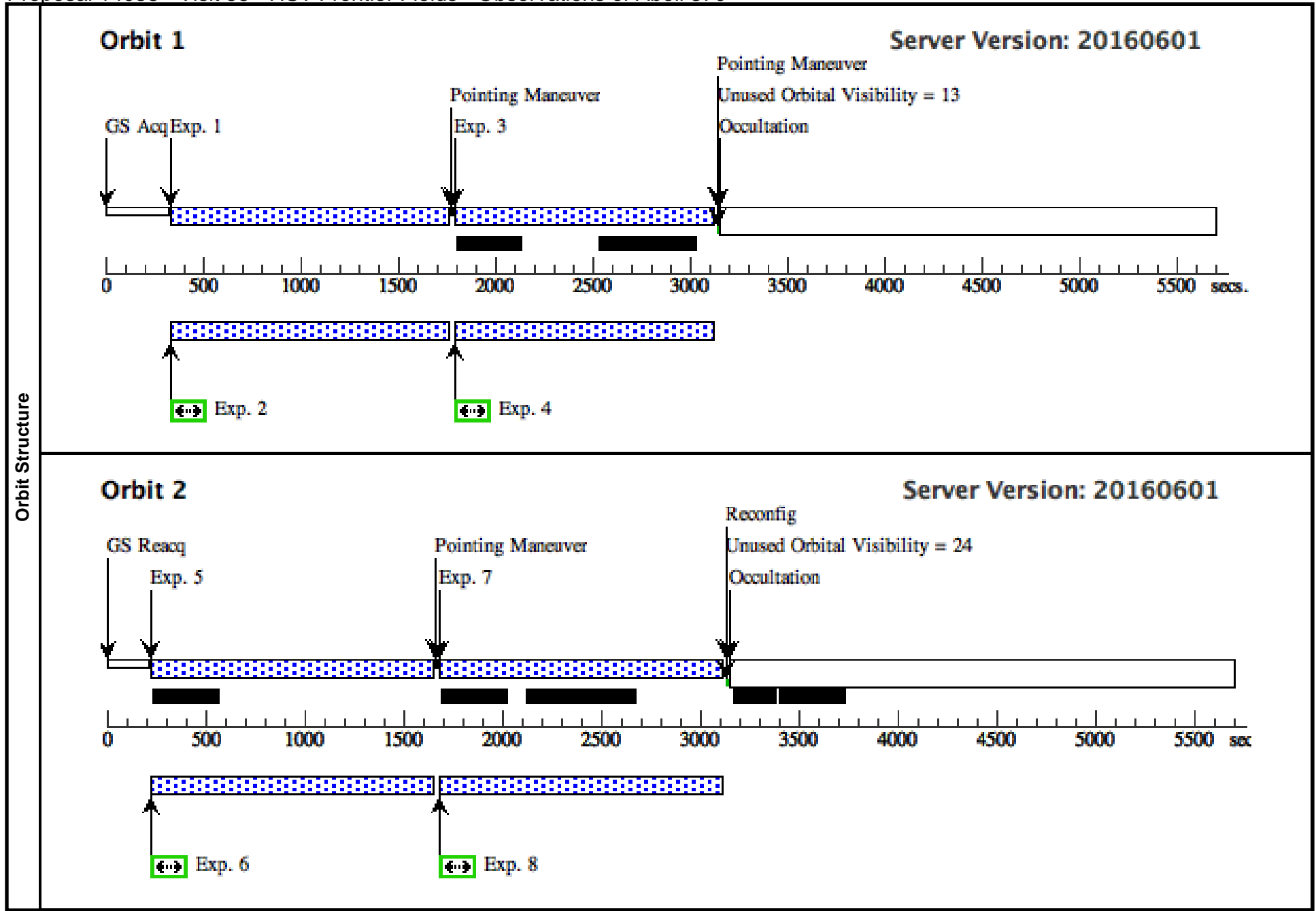
| Visit | Proposal 14038, Visit 51, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | | | | | |
|---------------|--|---|--|--|--------------------------|------------------------------------|------------------------|--|---|-------|
| | Diagnostics | (Visit 51) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 2.049,1.62 | Prime + Parallel Group 1-2 in Visit 51 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 1-2 in Visit 51 | 1210 Secs (1210 Secs) [==>] | [1] |
| | 3 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.846,1.922 | Prime + Parallel Group 3-4 in Visit 51 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 3-4 in Visit 51 | 1207 Secs (1207 Secs) [==>] | [1] |
| | 5 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.474,-1.347 | Prime + Parallel Group 5-6 in Visit 51 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 5-6 in Visit 51 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 7 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.27,-1.65 | Prime + Parallel Group 7-8 in Visit 51 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 7-8 in Visit 51 | 1307 Secs (1307 Secs) [==>] | [2] |



Proposal 14038 - Visit 55 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

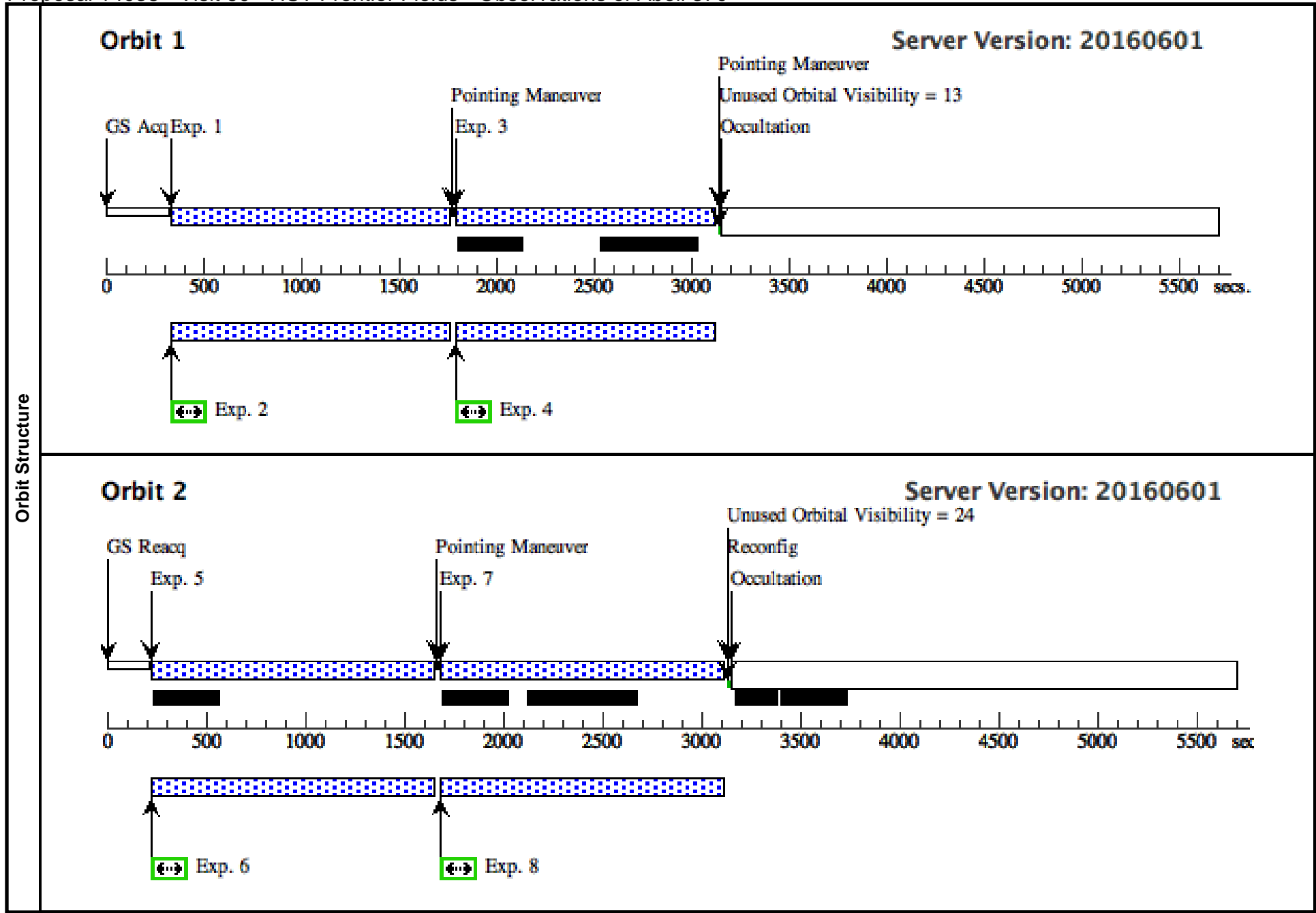
| Visit | Proposal 14038, Visit 55, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | | | | | |
|---------------|--|------------------|--|-----------------------------|---------------|------------------------------------|------------------------|--|---|-------|
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.846,1.438 | Prime + Parallel Group 1-2 in Visit 55 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 1-2 in Visit 55 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.643,1.741 | Prime + Parallel Group 3-4 in Visit 55 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 3-4 in Visit 55 | 1207 Secs (1207 Secs) [==>] | [1] |
| | 5 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.677,-1.529 | Prime + Parallel Group 5-6 in Visit 55 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 5-6 in Visit 55 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 7 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.474,-1.832 | Prime + Parallel Group 7-8 in Visit 55 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 7-8 in Visit 55 | 1307 Secs (1307 Secs) [==>] | [2] |



Proposal 14038 - Visit 60 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

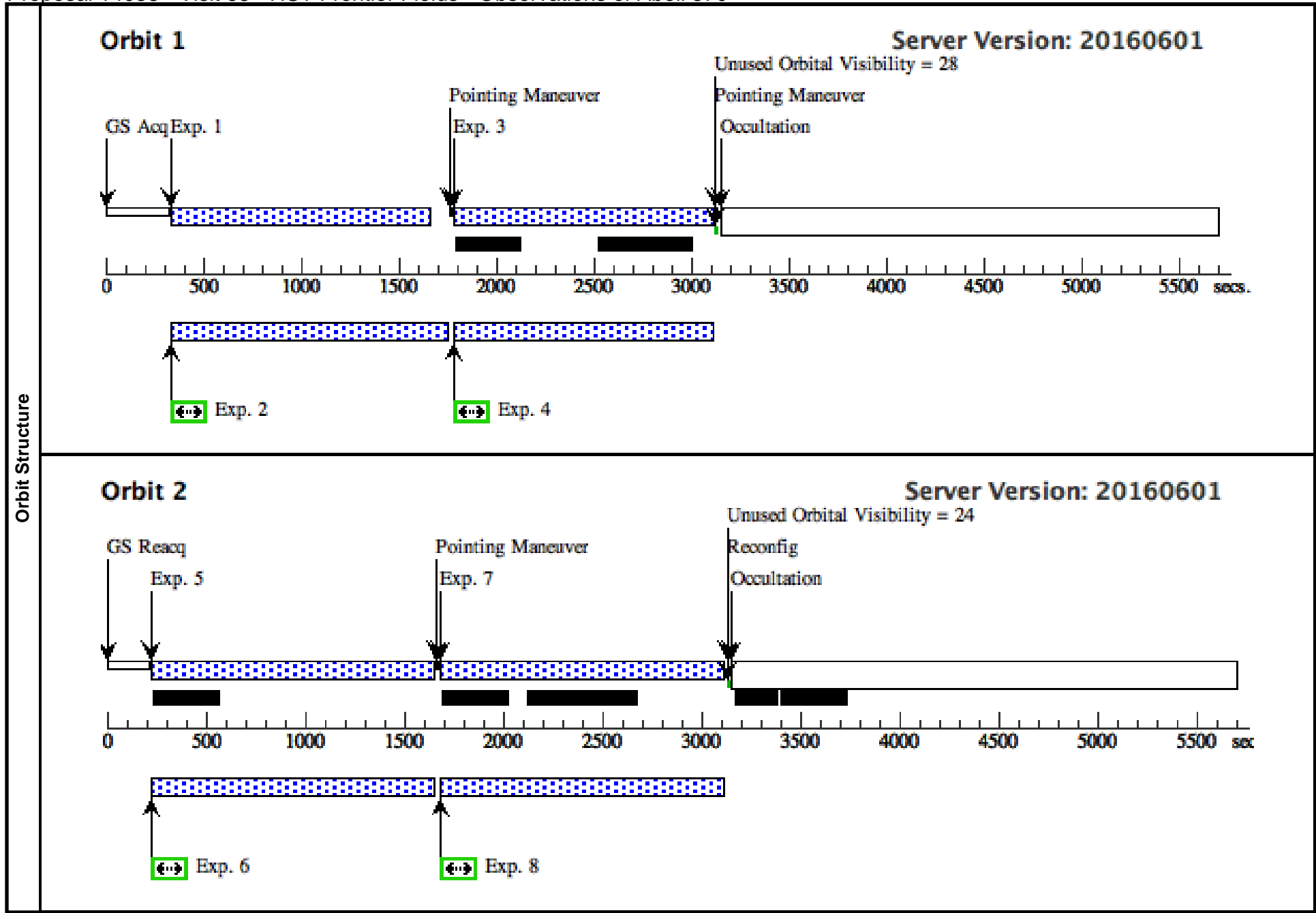
| Visit | Proposal 14038, Visit 60, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | | | | | |
|---------------|--|--------------------------|--|--------------------------|------------------------------------|--|--|---|---------------------------------|-------|
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.465,1.945 | Prime + Parallel Group 1-2 in Visit 60 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] | |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 1-2 in Visit 60 | 1225 Secs (1225 Secs) [==>] | [1] | |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.668,1.642 | Prime + Parallel Group 3-4 in Visit 60 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] | |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 3-4 in Visit 60 | 1207 Secs (1207 Secs) [==>] | [1] | |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.855,-1.325 | Prime + Parallel Group 5-6 in Visit 60 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] | |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 5-6 in Visit 60 | 1307 Secs (1307 Secs) [==>] | [2] | |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.651,-1.627 | Prime + Parallel Group 7-8 in Visit 60 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] | |
| 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 7-8 in Visit 60 | 1307 Secs (1307 Secs) [==>] | [2] | | |



Proposal 14038 - Visit 63 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:02 GMT 2016

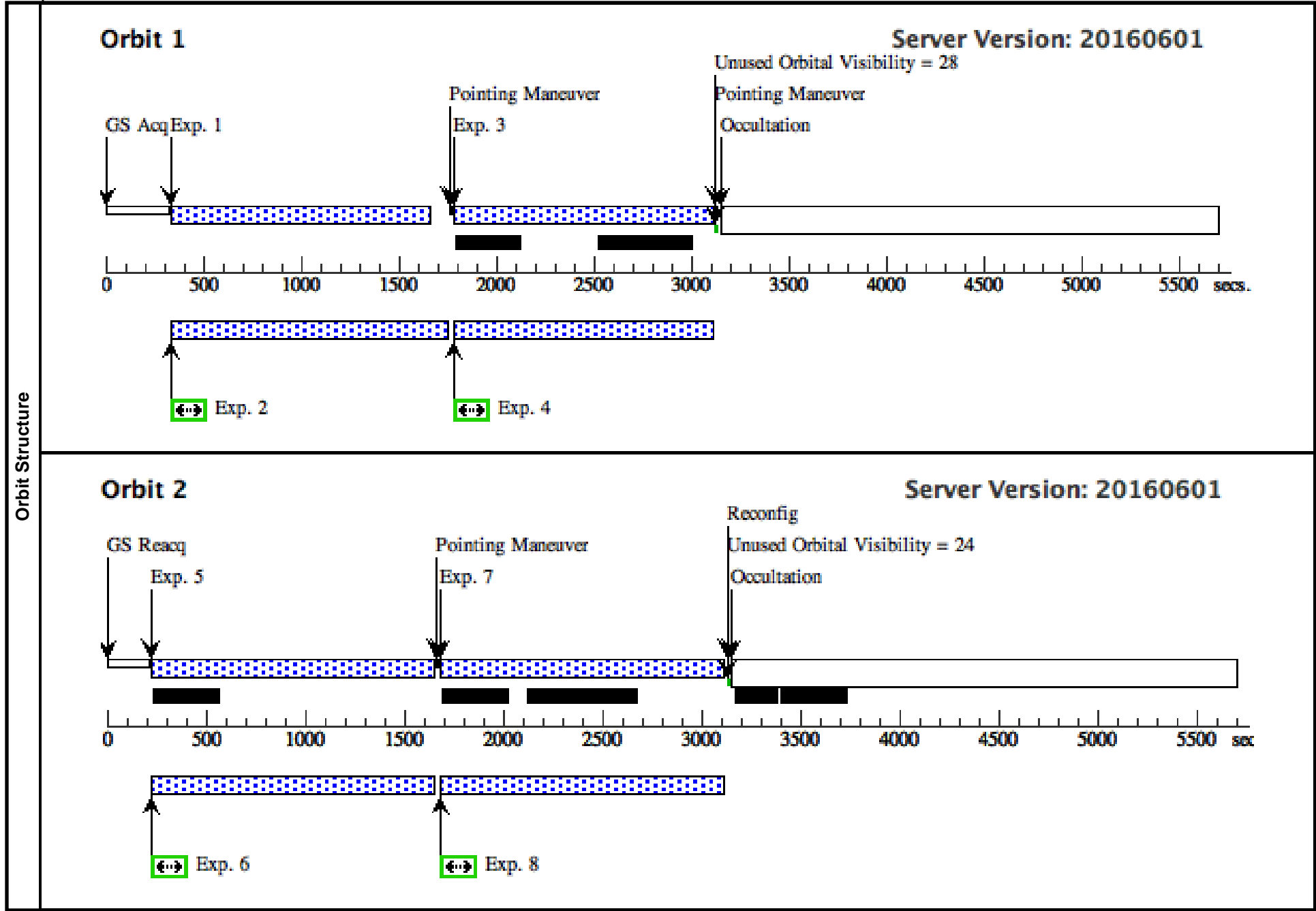
| Visit | Proposal 14038, Visit 63, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | | | | | |
|---------------|--|---|--|--|--------------------------|------------------------------------|----------------------------|--|---|-------|
| | Diagnostics | (Visit 63) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.44,1.8 01 | Prime + Parallel Group 1-2 in Visit 63 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 1-2 in Visit 63 | 1210 Secs (1210 Secs) [==>] | [1] |
| | 3 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.236,2. 104 | Prime + Parallel Group 3-4 in Visit 63 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 3-4 in Visit 63 | 1207 Secs (1207 Secs) [==>] | [1] |
| | 5 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -2.083,- 1.166 | Prime + Parallel Group 5-6 in Visit 63 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 5-6 in Visit 63 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 7 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.88,-1. 468 | Prime + Parallel Group 7-8 in Visit 63 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 7-8 in Visit 63 | 1307 Secs (1307 Secs) [==>] | [2] |



Proposal 14038 - Visit 65 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:03 GMT 2016

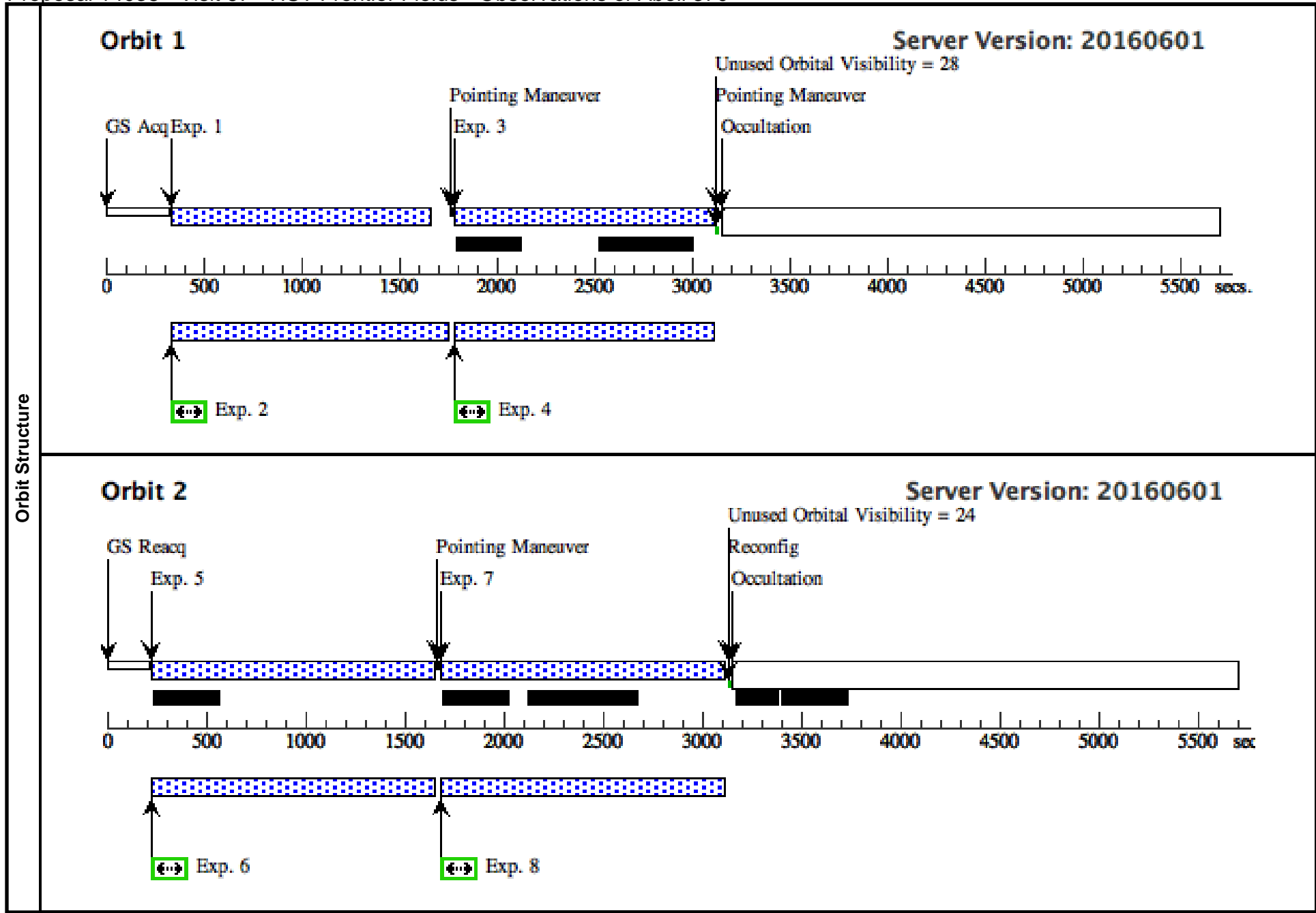
| Visit | Proposal 14038, Visit 65, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | | | | | |
|---------------|--|---|--|--|--------------------------|------------------------------------|----------------------------|--|---|-------|
| | Diagnostics | (Visit 65) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.77,1.1 88 | Prime + Parallel Group 1-2 in Visit 65 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 1-2 in Visit 65 | 1210 Secs (1210 Secs) [==>] | [1] |
| | 3 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.567,1. 491 | Prime + Parallel Group 3-4 in Visit 65 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 3-4 in Visit 65 | 1207 Secs (1207 Secs) [==>] | [1] |
| | 5 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.753,- 1.779 | Prime + Parallel Group 5-6 in Visit 65 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 5-6 in Visit 65 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 7 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.55,-2. 081 | Prime + Parallel Group 7-8 in Visit 65 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Prime + Parallel Group 7-8 in Visit 65 | 1307 Secs (1307 Secs) [==>] | [2] |



Proposal 14038 - Visit 67 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:03 GMT 2016

| Visit | Proposal 14038, Visit 67, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%: ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | | | | | |
|---------------|--|---|--|--|--------------------------|------------------------------------|-----------------------|--|---|-------|
| | Diagnostics | (Visit 67) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.973,1.37 | Prime + Parallel Group 1-2 in Visit 67 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Prime + Parallel Group 1-2 in Visit 67 | 1210 Secs (1210 Secs) [==>] | [1] |
| | 3 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.77,1.673 | Prime + Parallel Group 3-4 in Visit 67 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Prime + Parallel Group 3-4 in Visit 67 | 1207 Secs (1207 Secs) [==>] | [1] |
| | 5 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.55,-1.597 | Prime + Parallel Group 5-6 in Visit 67 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Prime + Parallel Group 5-6 in Visit 67 | 1307 Secs (1307 Secs) [==>] | [2] |
| | 7 | | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F125W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.347,-1.9 | Prime + Parallel Group 7-8 in Visit 67 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | | (2) ABELL-370-HFFPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Prime + Parallel Group 7-8 in Visit 67 | 1307 Secs (1307 Secs) [==>] | [2] |



Proposal 14038 - Visit 81 - HST Frontier Fields - Observations of Abell 370

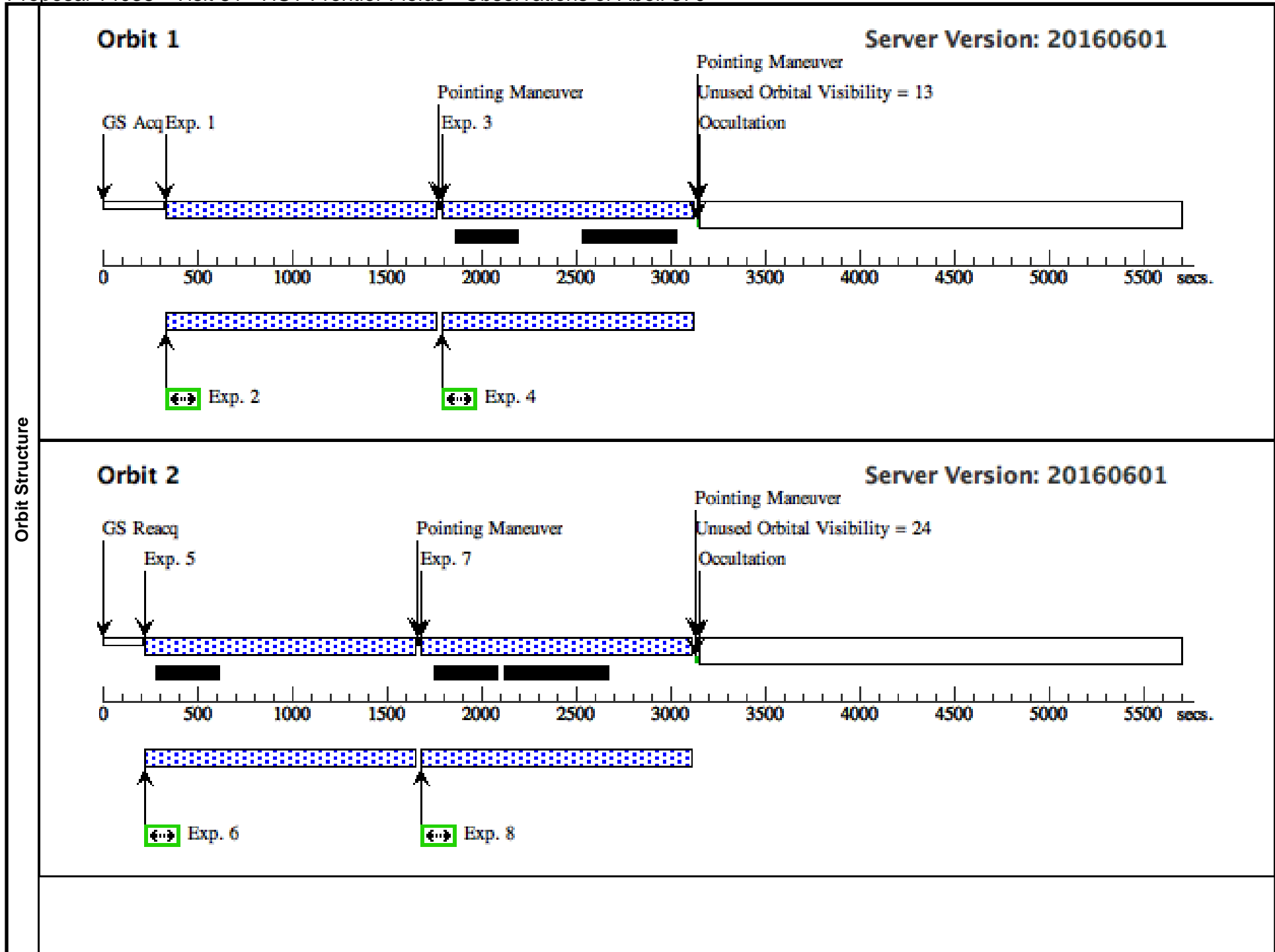
| | | | | | | |
|--------------|--|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit 81, scheduled Wed Sep 07 20:55:03 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%; ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit 81 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|----------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.363,2. 036 | Sequence 1-4 Non-Int in Visit 81 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 81 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Sequence 1-4 Non-Int in Visit 81 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 81 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.186,1. 423 | Sequence 1-4 Non-Int in Visit 81 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 81 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 1-4 Non-Int in Visit 81 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 81 | 1152 Secs (1152 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.567,1. 733 | Sequence 5-8 Non-Int in Visit 81 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 81 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Sequence 5-8 Non-Int in Visit 81 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 81 | 1252 Secs (1252 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.389,1. 12 | Sequence 5-8 Non-Int in Visit 81 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 81 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 5-8 Non-Int in Visit 81 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 81 | 1252 Secs (1252 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.956,- 1.234 | Sequence 9-12 Non-Int in Visit 81 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 81 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |

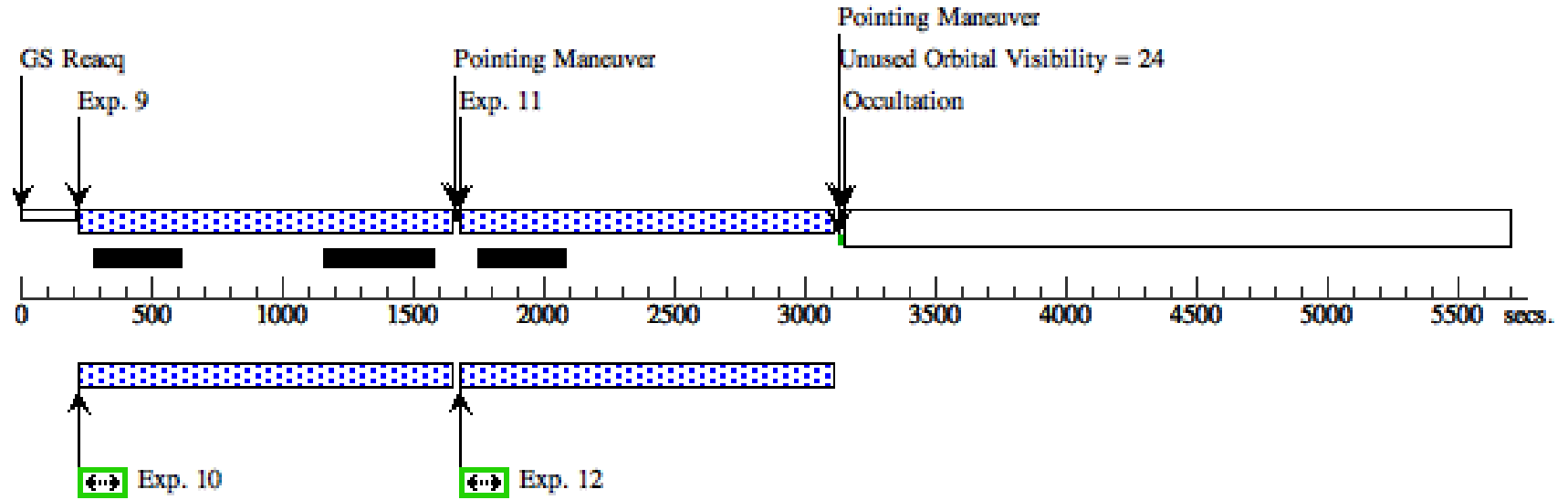
Proposal 14038 - Visit 81 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|----------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Sequence 9-12 Non-Int in Visit 81 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 81 | 1252 Secs (1252 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -2.134,- 1.847 | Sequence 9-12 Non-Int in Visit 81 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 81 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 9-12 Non-Int in Visit 81 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 81 | 1252 Secs (1252 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.753,- 1.536 | Sequence 13-16 Non-Int in Visit 81 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 81 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Sequence 13-16 Non-Int in Visit 81 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 81 | 1252 Secs (1252 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.931,- 2.15 | Sequence 13-16 Non-Int in Visit 81 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 81 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 13-16 Non-Int in Visit 81 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 81 | 1252 Secs (1252 Secs) [==>] | [4] |



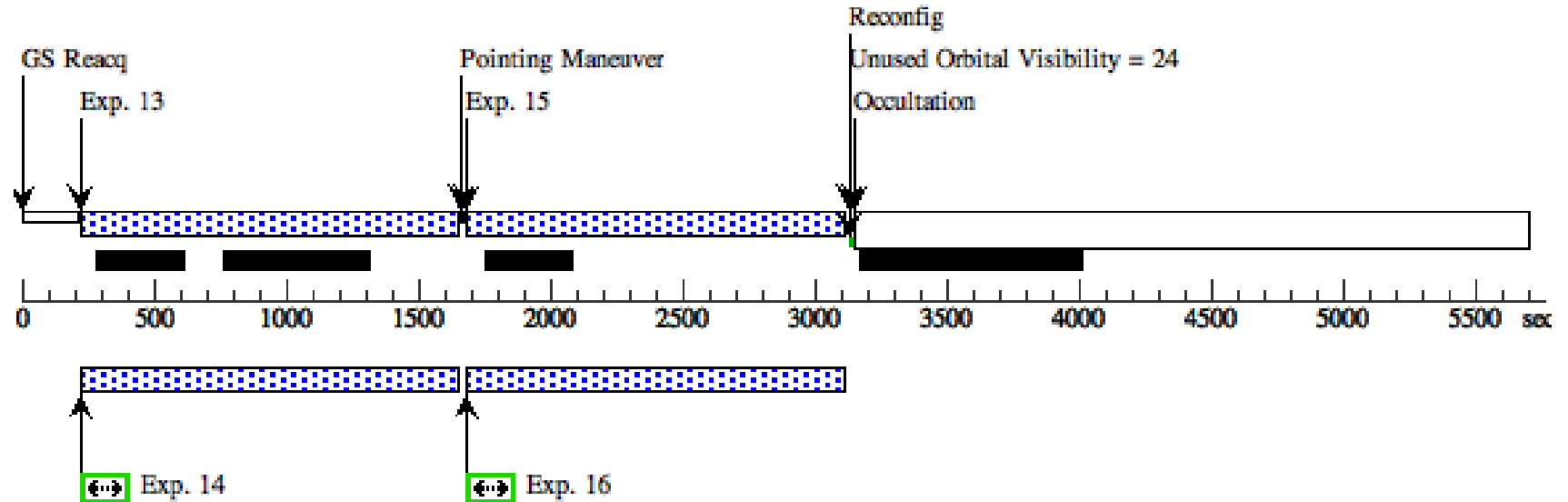
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Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit 82 - HST Frontier Fields - Observations of Abell 370

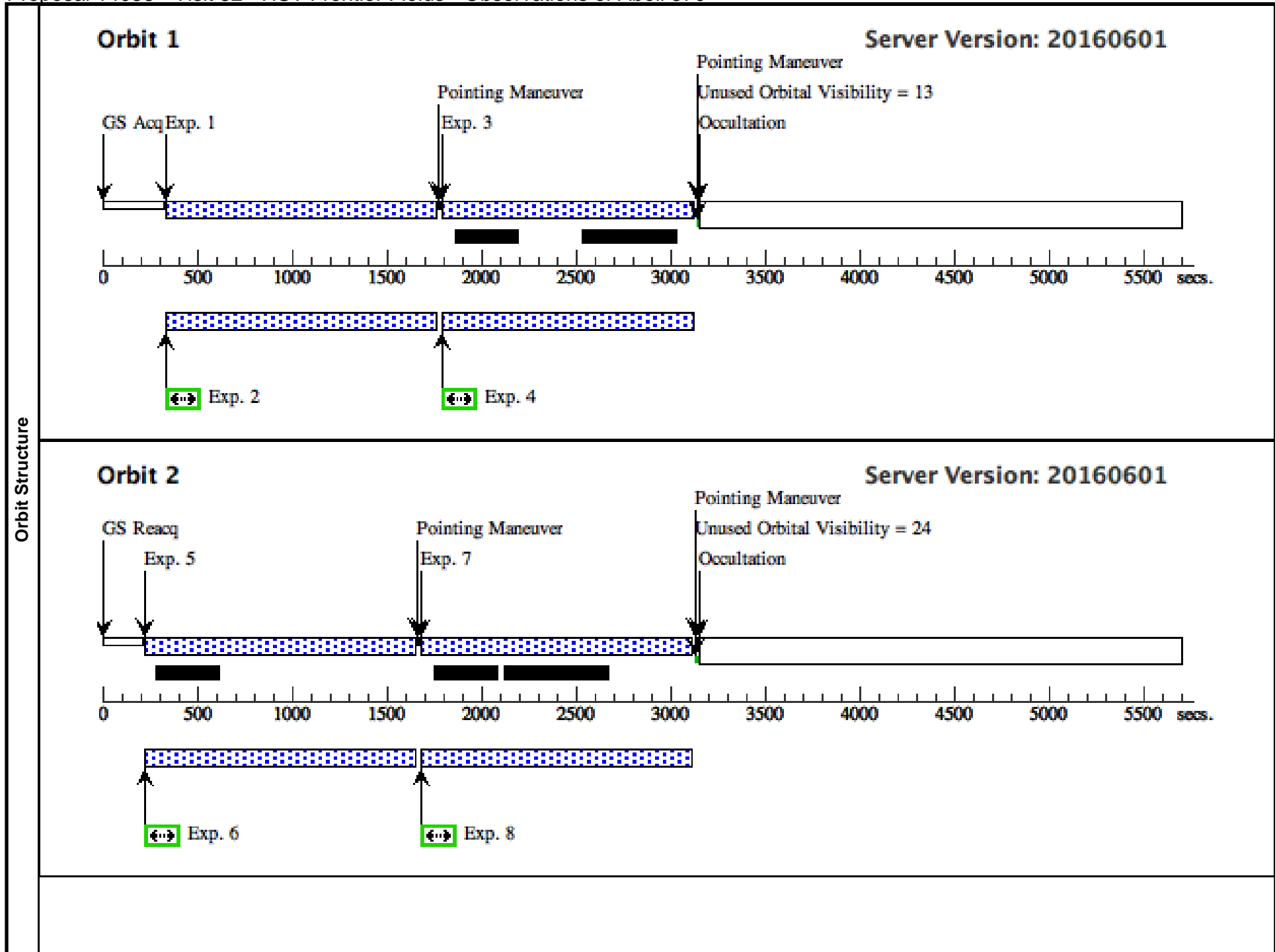
| | | | | | | |
|--------------|--|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit 82, scheduled Wed Sep 07 20:55:03 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%; ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit 82 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|----------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.313,1. 536 | Sequence 1-4 Non-Int in Visit 82 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 82 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Sequence 1-4 Non-Int in Visit 82 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 82 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.795,1. 483 | Sequence 1-4 Non-Int in Visit 82 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 82 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 1-4 Non-Int in Visit 82 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 82 | 1152 Secs (1152 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.516,1. 234 | Sequence 5-8 Non-Int in Visit 82 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 82 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Sequence 5-8 Non-Int in Visit 82 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 82 | 1252 Secs (1252 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.592,1. 786 | Sequence 5-8 Non-Int in Visit 82 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 82 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 5-8 Non-Int in Visit 82 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 82 | 1252 Secs (1252 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -2.007,- 1.733 | Sequence 9-12 Non-Int in Visit 82 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 82 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |

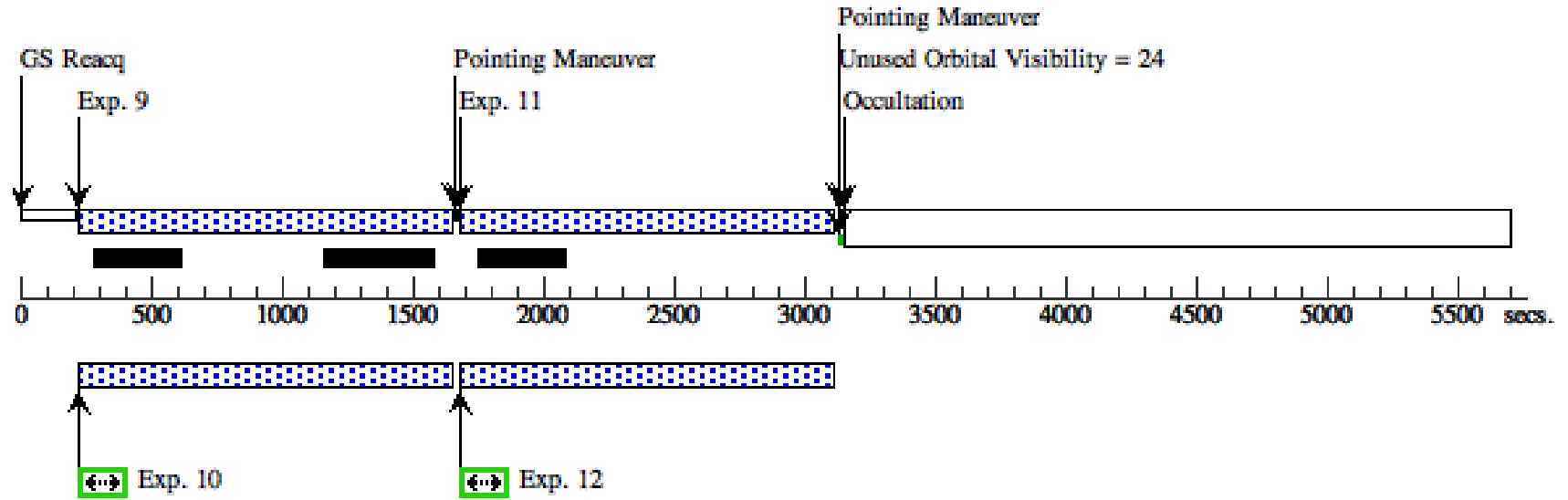
Proposal 14038 - Visit 82 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|----------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Sequence 9-12 Non-Int in Visit 82 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 82 | 1252 Secs (1252 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.728,- 1.483 | Sequence 9-12 Non-Int in Visit 82 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 82 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 9-12 Non-Int in Visit 82 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 82 | 1252 Secs (1252 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.804,- 2.036 | Sequence 13-16 Non-Int in Visit 82 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 82 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Sequence 13-16 Non-Int in Visit 82 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 82 | 1252 Secs (1252 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.524,- 1.786 | Sequence 13-16 Non-Int in Visit 82 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 82 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 13-16 Non-Int in Visit 82 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 82 | 1252 Secs (1252 Secs) [==>] | [4] |



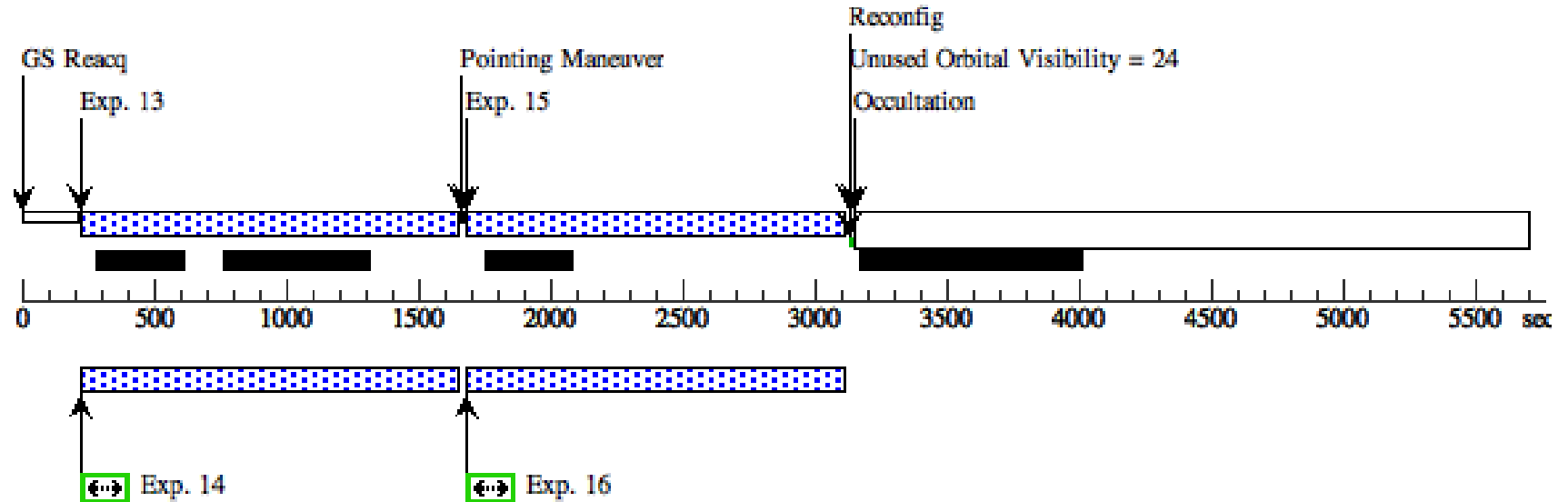
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Server Version: 20160601



Proposal 14038 - Visit 83 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:03 GMT 2016

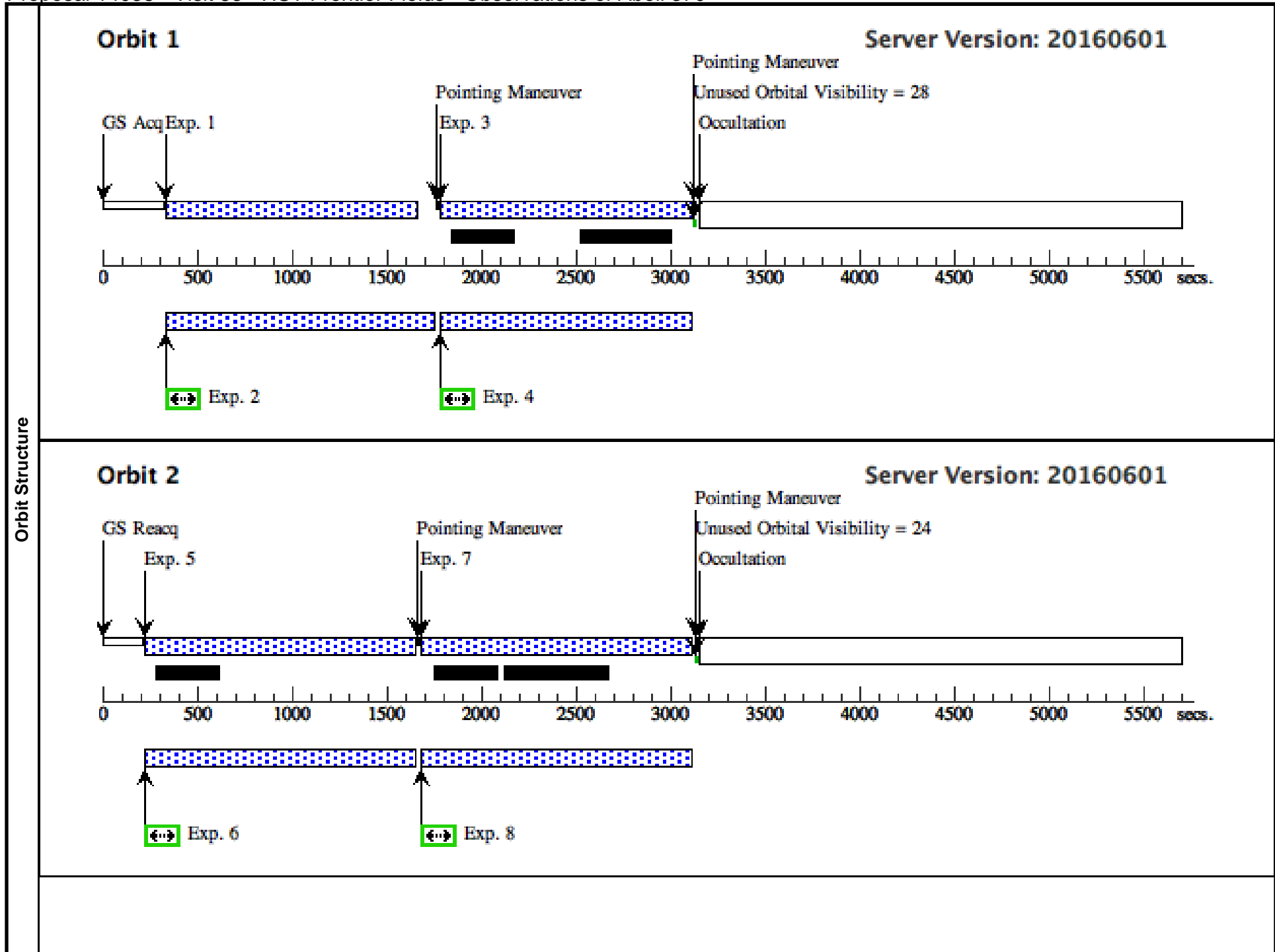
| | | | | | | |
|----------------------|--|------------------|--|---------------------------------|---------------|-----------------------|
| Visit | Proposal 14038, Visit 83, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%; ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | |
| | (Visit 83) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (1) | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |

Proposal 14038 - Visit 83 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|--------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.719,1. 869 | Sequence 1-4 Non-Int in Visit 83 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 83 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Sequence 1-4 Non-Int in Visit 83 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 83 | 1210 Secs (1210 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.999,1. 332 | Sequence 1-4 Non-Int in Visit 83 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 83 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 1-4 Non-Int in Visit 83 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 83 | 1152 Secs (1152 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.922,1. 567 | Sequence 5-8 Non-Int in Visit 83 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 83 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Sequence 5-8 Non-Int in Visit 83 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 83 | 1252 Secs (1252 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.795,1. 635 | Sequence 5-8 Non-Int in Visit 83 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 83 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 5-8 Non-Int in Visit 83 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 83 | 1252 Secs (1252 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.601,- 1.4 | Sequence 9-12 Non-Int in Visit 83 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 83 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |

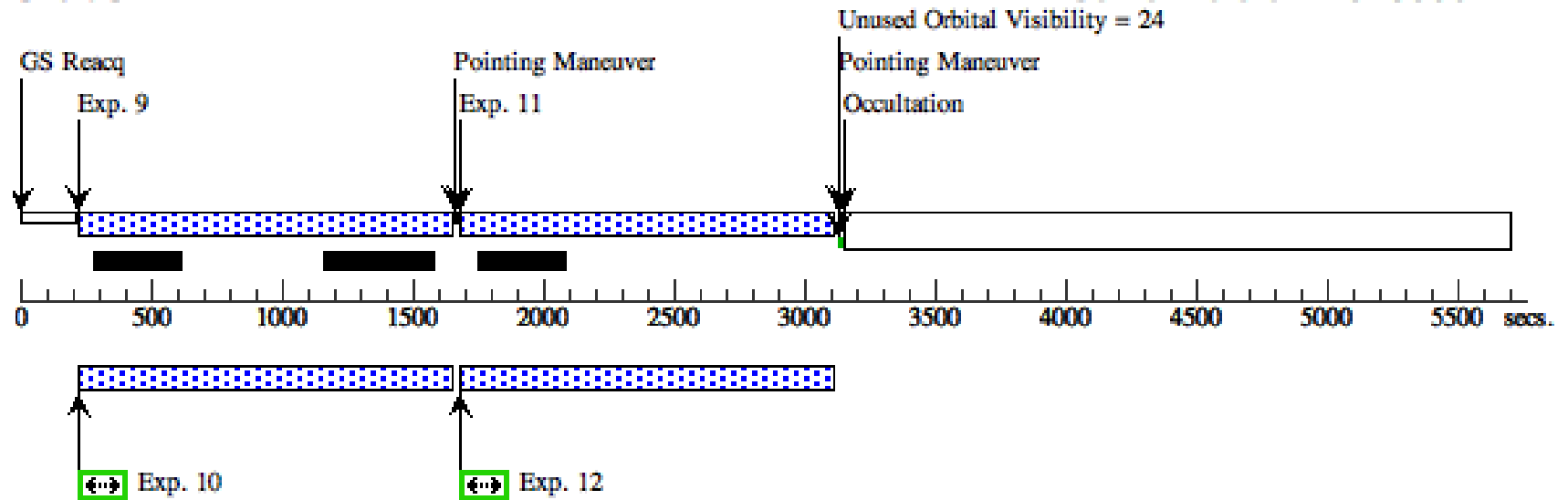
Proposal 14038 - Visit 83 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|----------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Sequence 9-12 Non-Int in Visit 83 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 83 | 1252 Secs (1252 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.524,- 1.635 | Sequence 9-12 Non-Int in Visit 83 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 83 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 9-12 Non-Int in Visit 83 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 83 | 1252 Secs (1252 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.397,- 1.703 | Sequence 13-16 Non-Int in Visit 83 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 83 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F606W | | | Sequence 13-16 Non-Int in Visit 83 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 83 | 1252 Secs (1252 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.321,- 1.938 | Sequence 13-16 Non-Int in Visit 83 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 83 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 13-16 Non-Int in Visit 83 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 83 | 1252 Secs (1252 Secs) [==>] | [4] |



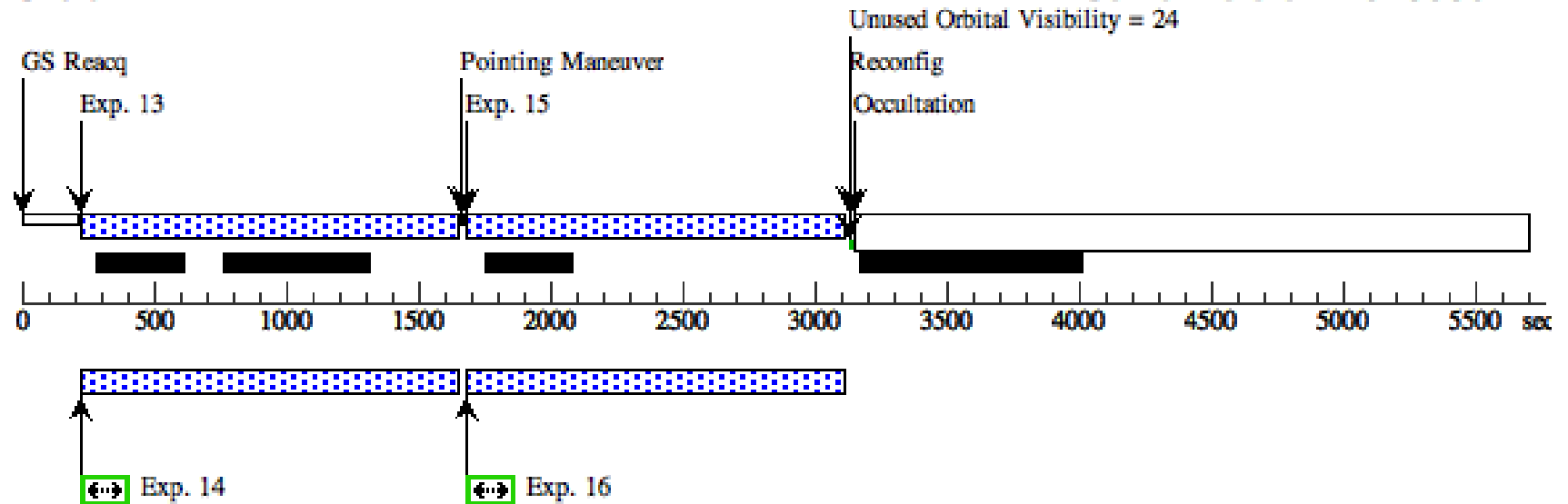
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Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit 91 - HST Frontier Fields - Observations of Abell 370

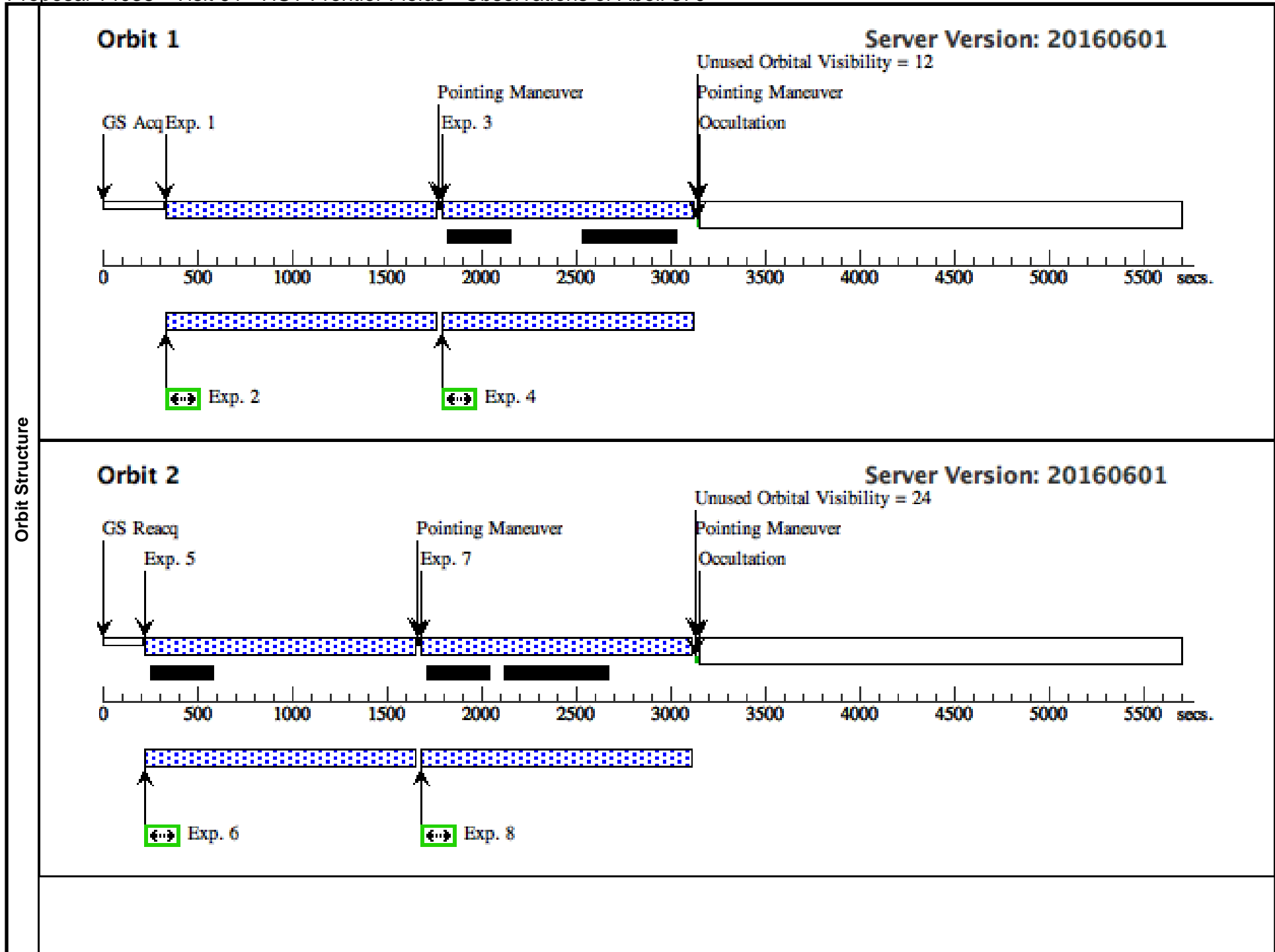
| | | | | | | |
|--------------|--|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit 91, completed Wed Sep 07 20:55:03 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%; ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit 91 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|----------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 2.126,1. 415 | Sequence 1-4 Non-Int in Visit 91 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 91 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 1-4 Non-Int in Visit 91 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 91 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.389,1. 968 | Sequence 1-4 Non-Int in Visit 91 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 91 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 1-4 Non-Int in Visit 91 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 91 | 1186 Secs (1186 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.922,1. 718 | Sequence 5-8 Non-Int in Visit 91 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 91 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 5-8 Non-Int in Visit 91 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 91 | 1286 Secs (1286 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.592,1. 665 | Sequence 5-8 Non-Int in Visit 91 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 91 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 5-8 Non-Int in Visit 91 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 91 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.397,- 1.552 | Sequence 9-12 Non-Int in Visit 91 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 91 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |

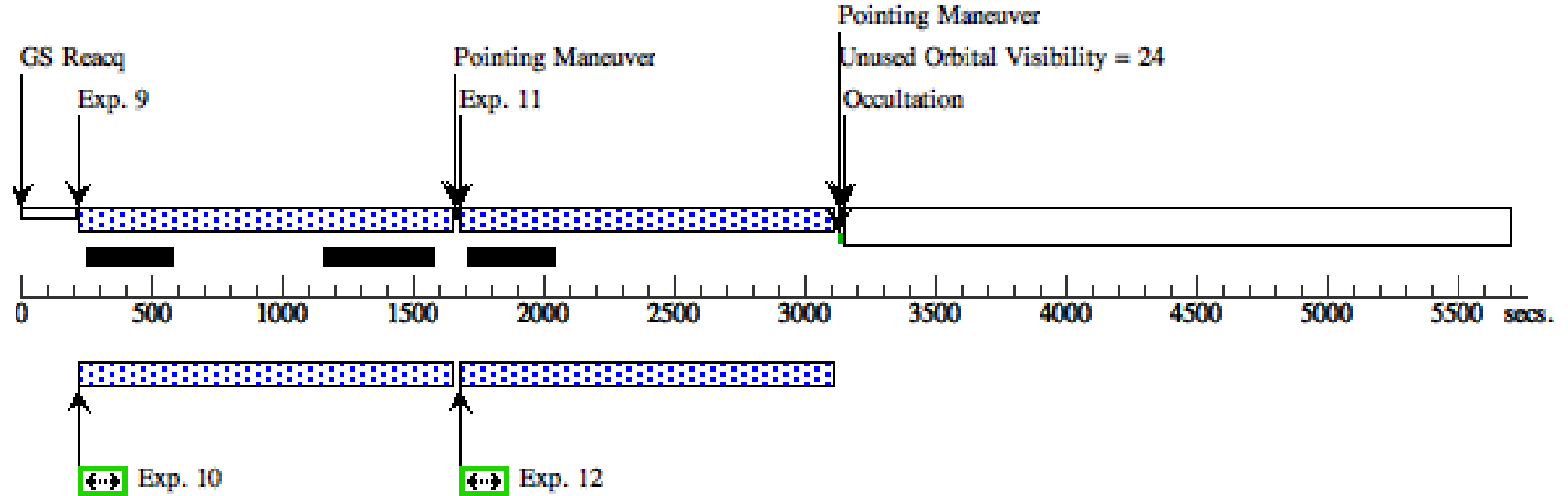
Proposal 14038 - Visit 91 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|----------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 9-12 Non-Int in Visit 91 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 91 | 1286 Secs (1286 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.931,- 1.302 | Sequence 9-12 Non-Int in Visit 91 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 91 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 9-12 Non-Int in Visit 91 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 91 | 1285 Secs (1285 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.194,- 1.854 | Sequence 13-16 Non-Int in Visit 91 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 91 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 13-16 Non-Int in Visit 91 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 91 | 1286 Secs (1286 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.728,- 1.605 | Sequence 13-16 Non-Int in Visit 91 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 91 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 13-16 Non-Int in Visit 91 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 91 | 1285 Secs (1285 Secs) [==>] | [4] |



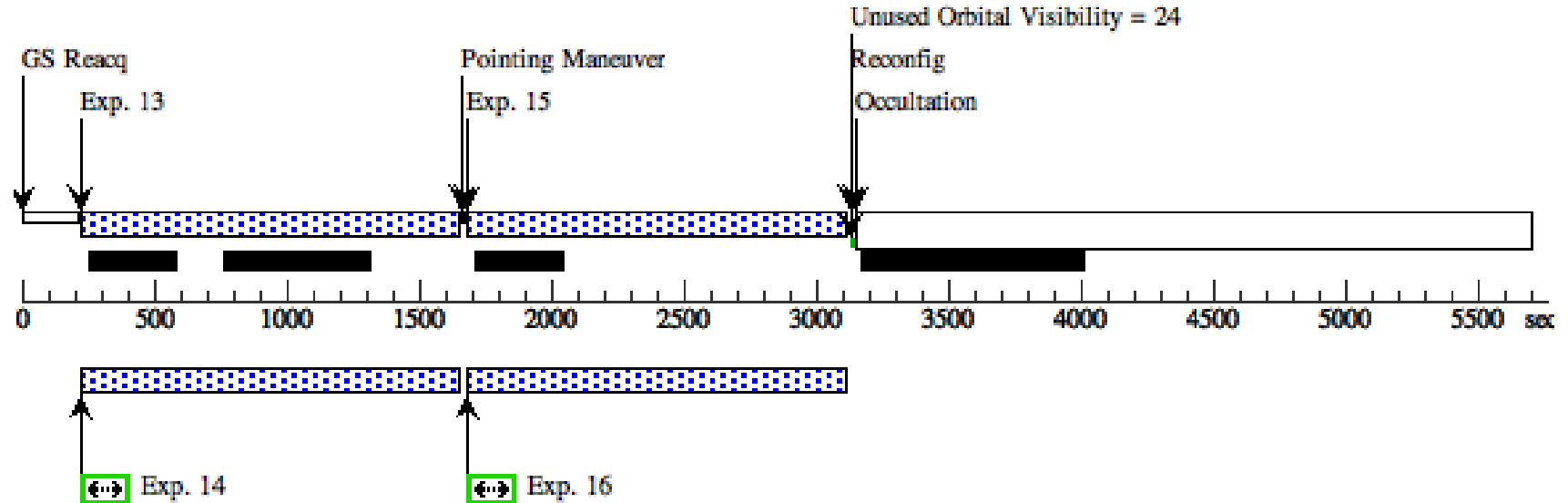
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Proposal 14038 - Visit 92 - HST Frontier Fields - Observations of Abell 370

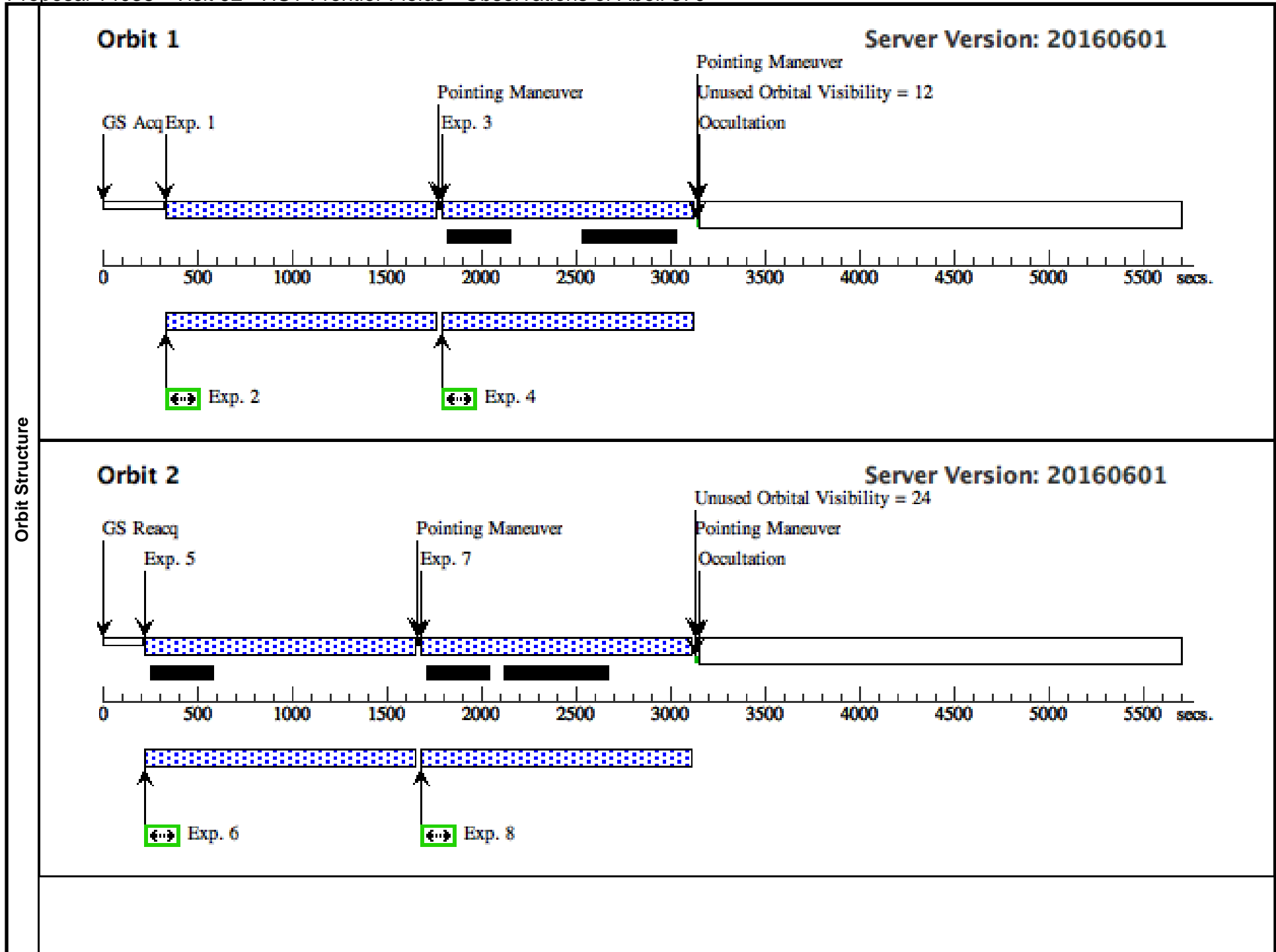
| | | | | | | |
|--------------|--|------------------|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit 92, completed Wed Sep 07 20:55:03 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%; ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |

Proposal 14038 - Visit 92 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|----------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.516,2. 081 | Sequence 1-4 Non-Int in Visit 92 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 92 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 1-4 Non-Int in Visit 92 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 92 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.507,1. 68 | Sequence 1-4 Non-Int in Visit 92 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 92 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 1-4 Non-Int in Visit 92 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 92 | 1186 Secs (1186 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.719,1. 779 | Sequence 5-8 Non-Int in Visit 92 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 92 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 5-8 Non-Int in Visit 92 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 92 | 1286 Secs (1286 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.711,1. 378 | Sequence 5-8 Non-Int in Visit 92 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 92 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 5-8 Non-Int in Visit 92 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 92 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.804,- 1.188 | Sequence 9-12 Non-Int in Visit 92 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 92 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |

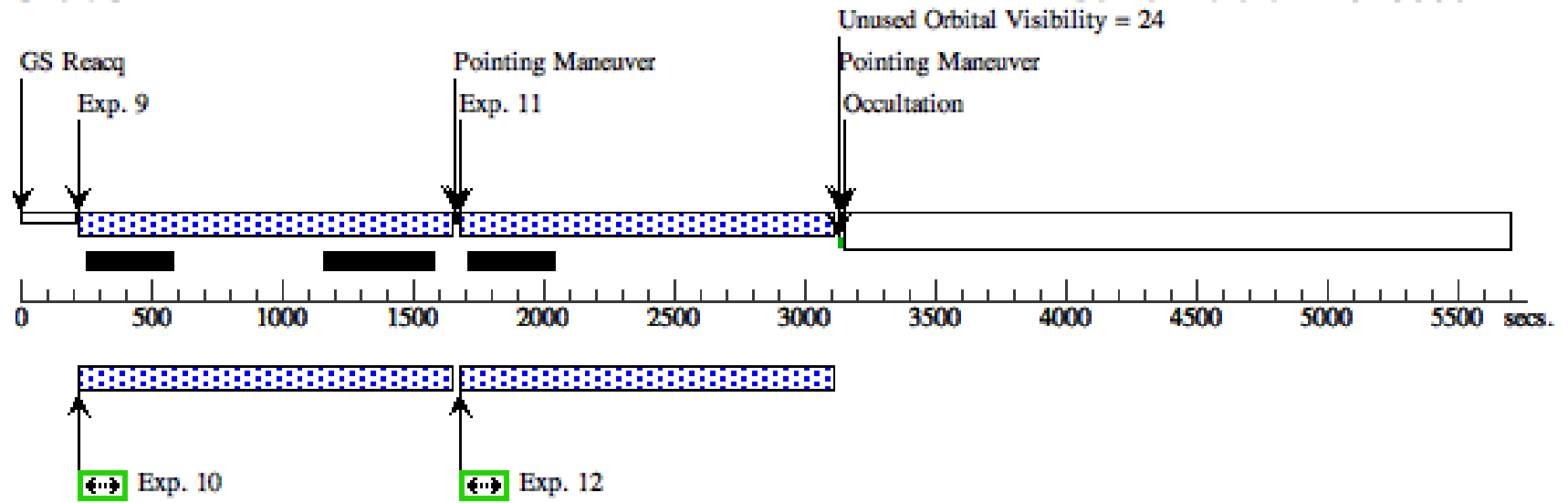
Proposal 14038 - Visit 92 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|----------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 9-12 Non-Int in Visit 92 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 92 | 1286 Secs (1286 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.812,- 1.589 | Sequence 9-12 Non-Int in Visit 92 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 92 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 9-12 Non-Int in Visit 92 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 92 | 1285 Secs (1285 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.601,- 1.491 | Sequence 13-16 Non-Int in Visit 92 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 92 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 13-16 Non-Int in Visit 92 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 92 | 1286 Secs (1286 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.609,- 1.892 | Sequence 13-16 Non-Int in Visit 92 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 92 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 13-16 Non-Int in Visit 92 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 92 | 1285 Secs (1285 Secs) [==>] | [4] |



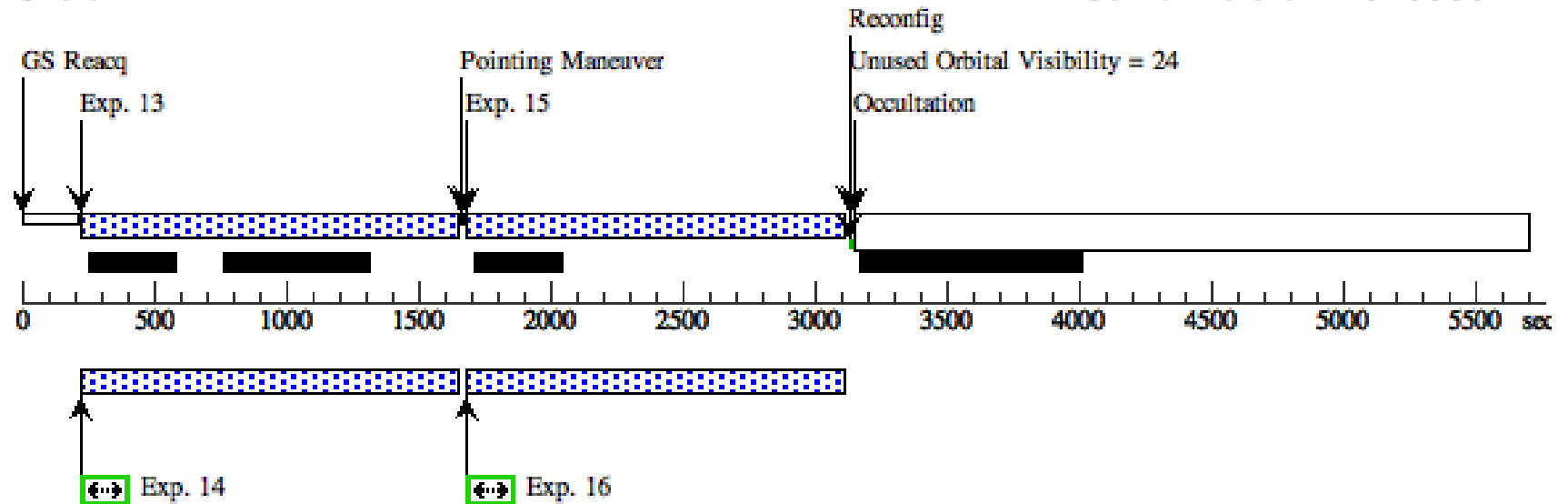
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Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit 93 - HST Frontier Fields - Observations of Abell 370

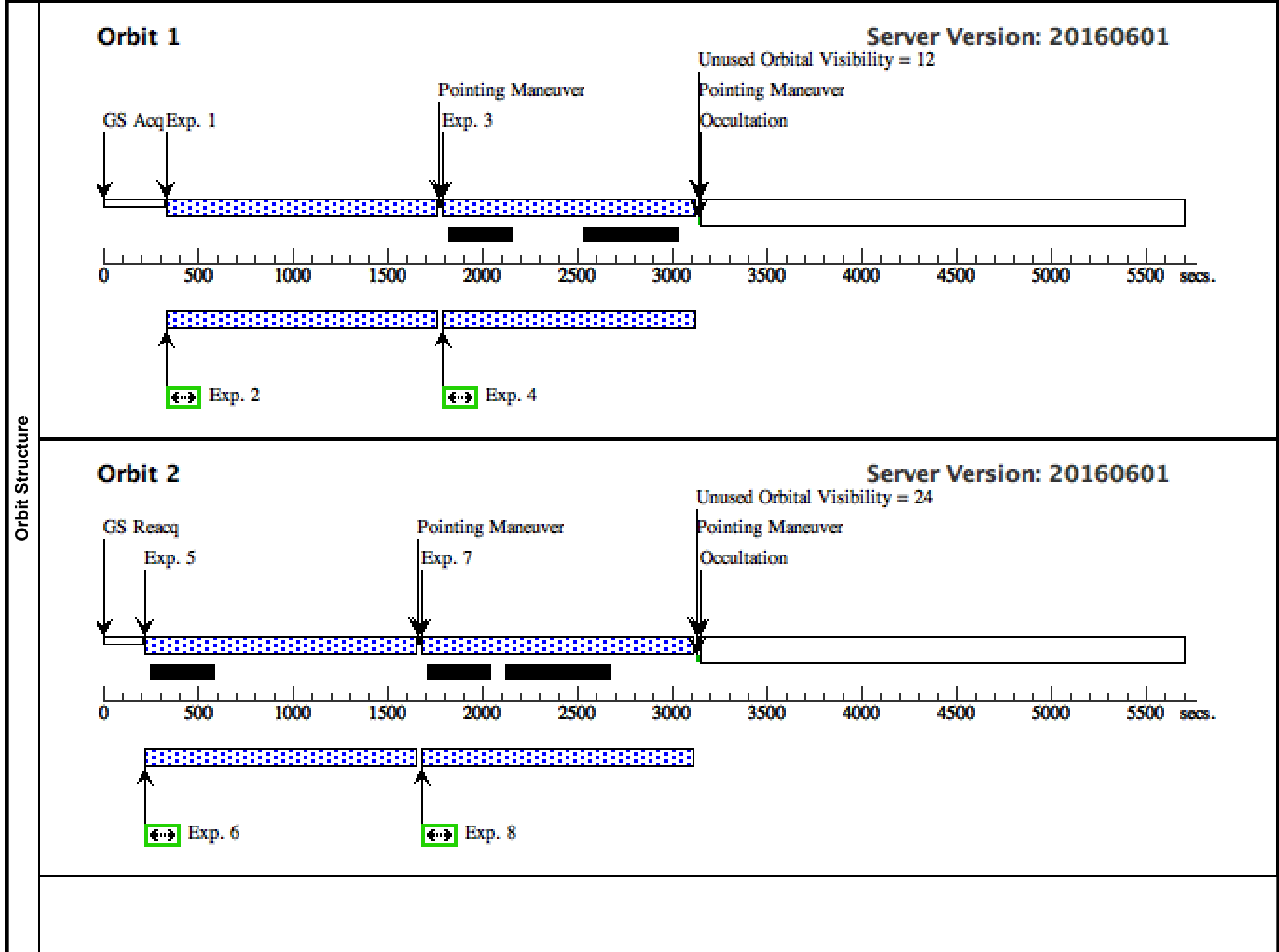
| | | | | | | |
|--------------|--|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit 93, completed Wed Sep 07 20:55:03 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%; ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit 93 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|----------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 2.016,1. 658 | Sequence 1-4 Non-Int in Visit 93 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 93 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 1-4 Non-Int in Visit 93 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 93 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 2.1,1.75 6 | Sequence 1-4 Non-Int in Visit 93 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 93 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 1-4 Non-Int in Visit 93 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 93 | 1186 Secs (1186 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.812,1. 96 | Sequence 5-8 Non-Int in Visit 93 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 93 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 5-8 Non-Int in Visit 93 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 93 | 1286 Secs (1286 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.897,2. 059 | Sequence 5-8 Non-Int in Visit 93 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 93 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 5-8 Non-Int in Visit 93 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 93 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.507,- 1.309 | Sequence 9-12 Non-Int in Visit 93 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 93 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |

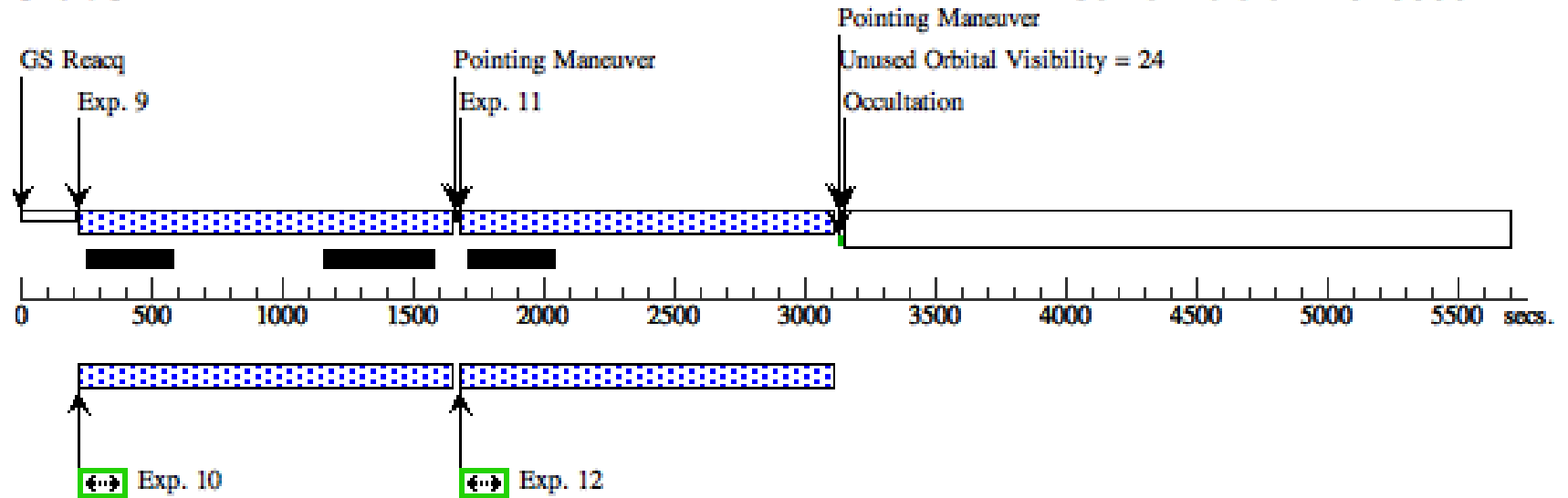
Proposal 14038 - Visit 93 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 9-12 Non-Int in Visit 93 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 93 | 1286 Secs (1286 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.423,-1.211 | Sequence 9-12 Non-Int in Visit 93 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 93 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 9-12 Non-Int in Visit 93 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 93 | 1285 Secs (1285 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.304,-1.612 | Sequence 13-16 Non-Int in Visit 93 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 93 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 13-16 Non-Int in Visit 93 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 93 | 1286 Secs (1286 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.22,-1.514 | Sequence 13-16 Non-Int in Visit 93 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 93 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 13-16 Non-Int in Visit 93 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 93 | 1285 Secs (1285 Secs) [==>] | [4] |



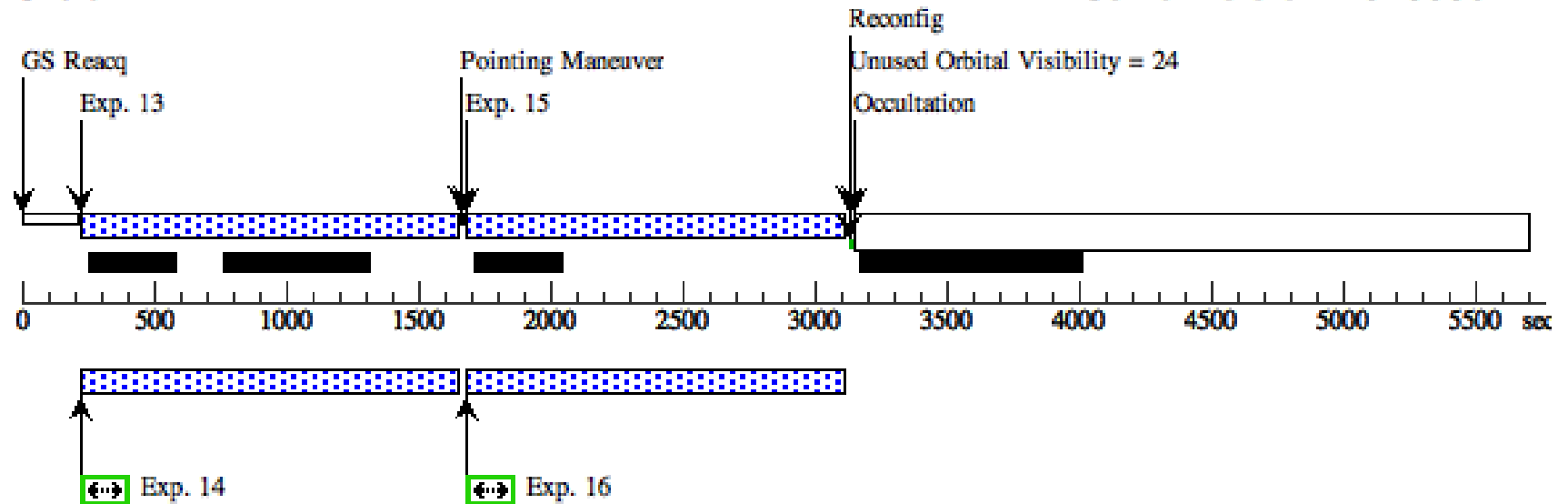
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Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit 94 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:03 GMT 2016

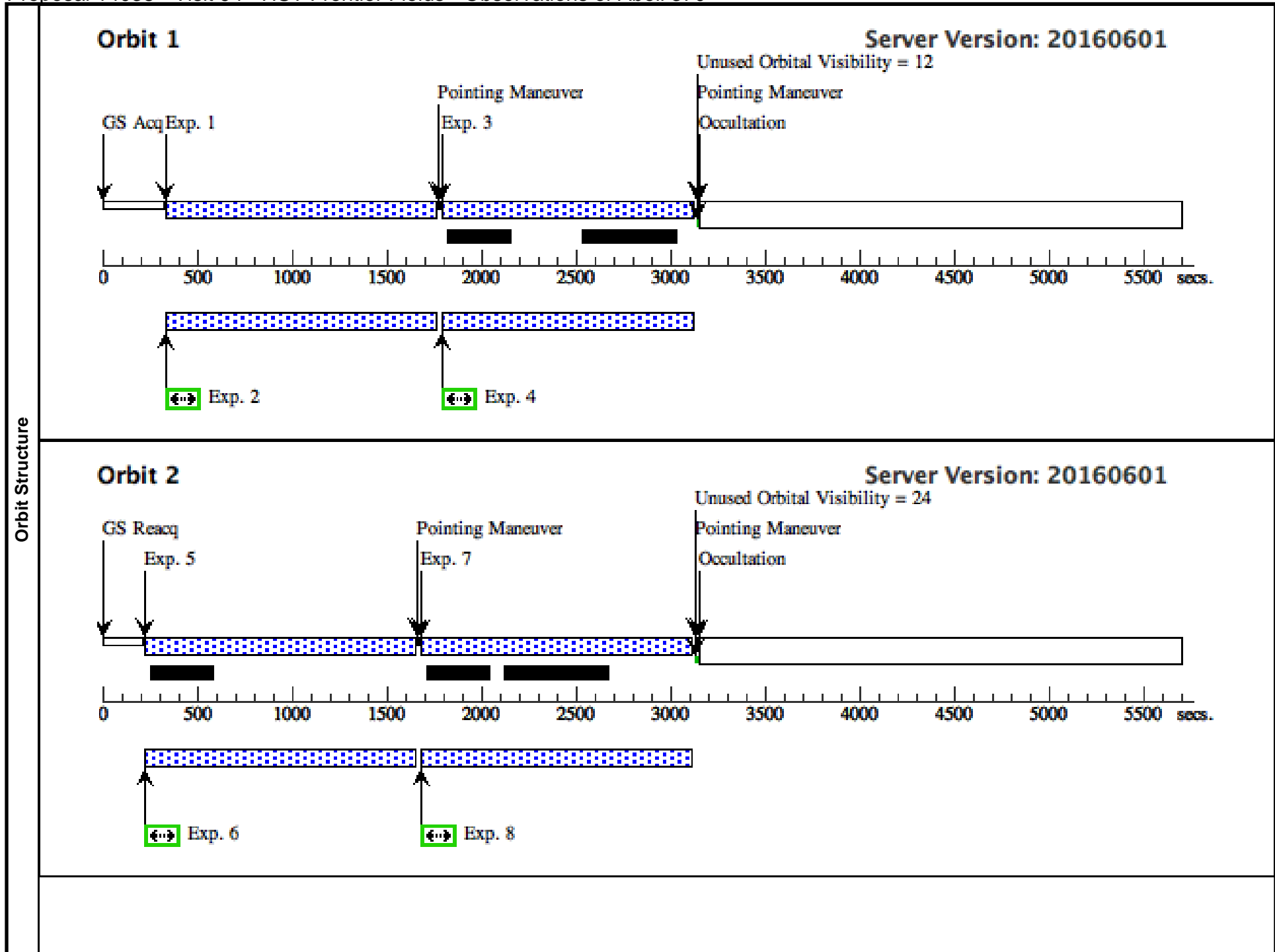
| Visit | Proposal 14038, Visit 94, failed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%; ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | |
|-------|---|--|--|--------------------|--------------------------|-----------------------|
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit 94 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|----------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.618,1. 446 | Sequence 1-4 Non-Int in Visit 94 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 94 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 1-4 Non-Int in Visit 94 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 94 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.694,1. 514 | Sequence 1-4 Non-Int in Visit 94 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 94 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 1-4 Non-Int in Visit 94 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 94 | 1186 Secs (1186 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.821,1. 143 | Sequence 5-8 Non-Int in Visit 94 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 94 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 5-8 Non-Int in Visit 94 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 94 | 1286 Secs (1286 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.897,1. 211 | Sequence 5-8 Non-Int in Visit 94 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 94 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 5-8 Non-Int in Visit 94 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 94 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.702,- 1.824 | Sequence 9-12 Non-Int in Visit 94 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 94 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |

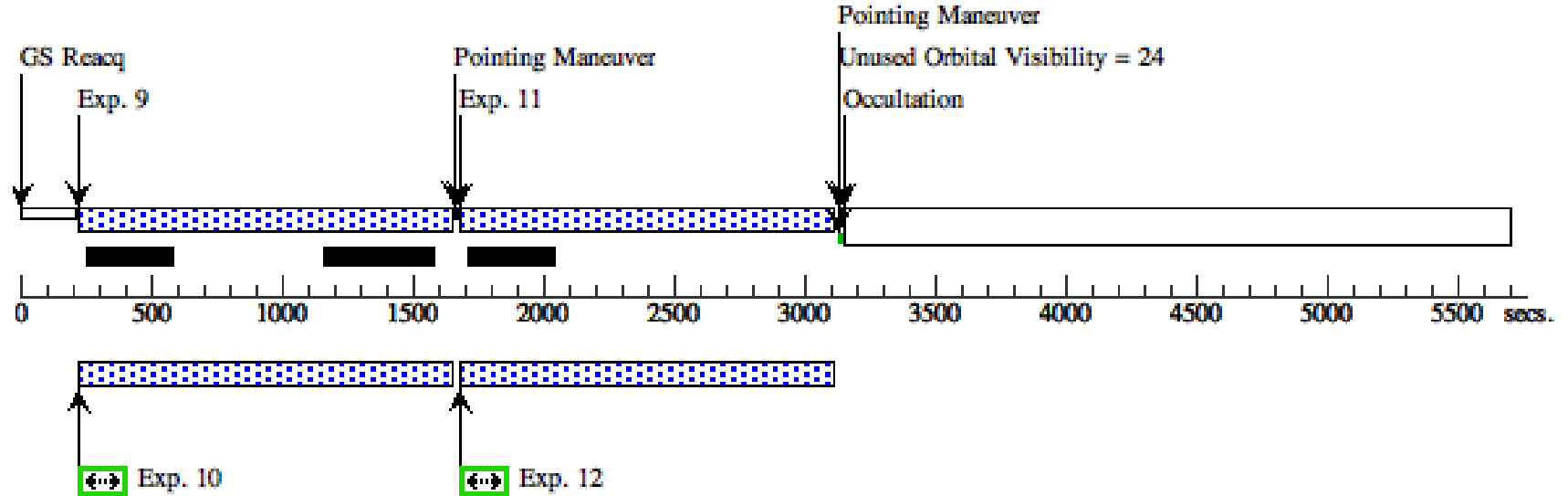
Proposal 14038 - Visit 94 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|----------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 9-12 Non-Int in Visit 94 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 94 | 1286 Secs (1286 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.626,- 1.756 | Sequence 9-12 Non-Int in Visit 94 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 94 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 9-12 Non-Int in Visit 94 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 94 | 1285 Secs (1285 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.499,- 2.127 | Sequence 13-16 Non-Int in Visit 94 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 94 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 13-16 Non-Int in Visit 94 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 94 | 1286 Secs (1286 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.423,- 2.059 | Sequence 13-16 Non-Int in Visit 94 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 94 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 13-16 Non-Int in Visit 94 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 94 | 1285 Secs (1285 Secs) [==>] | [4] |



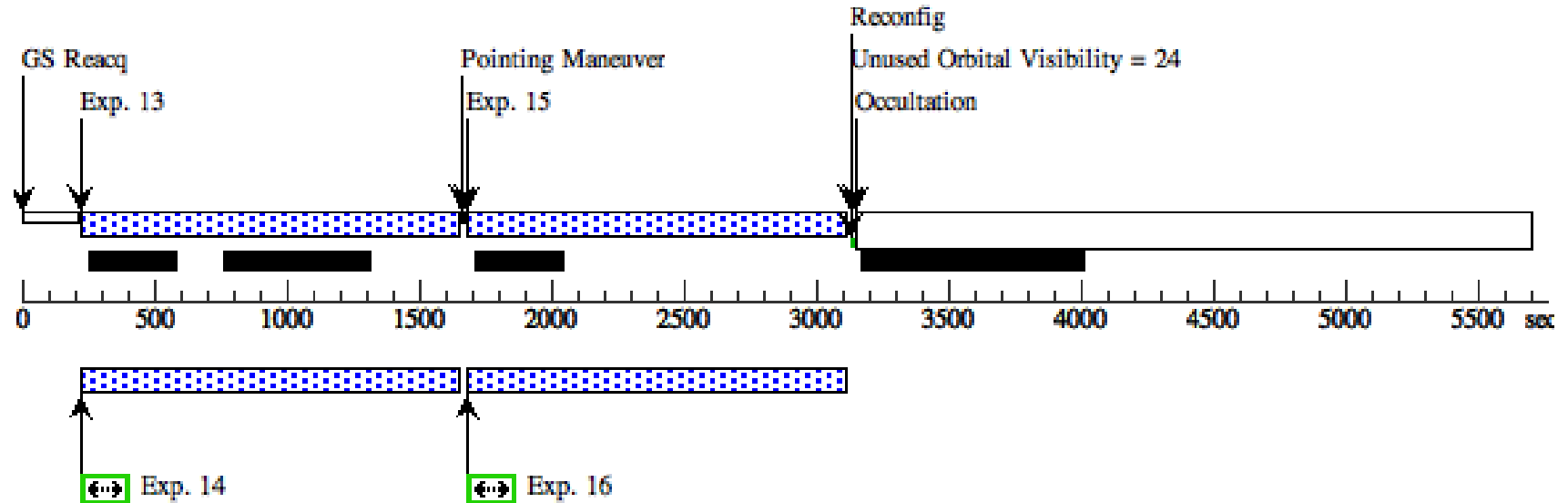
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Server Version: 20160601



Proposal 14038 - Repeat 94 (R4) - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:03 GMT 2016

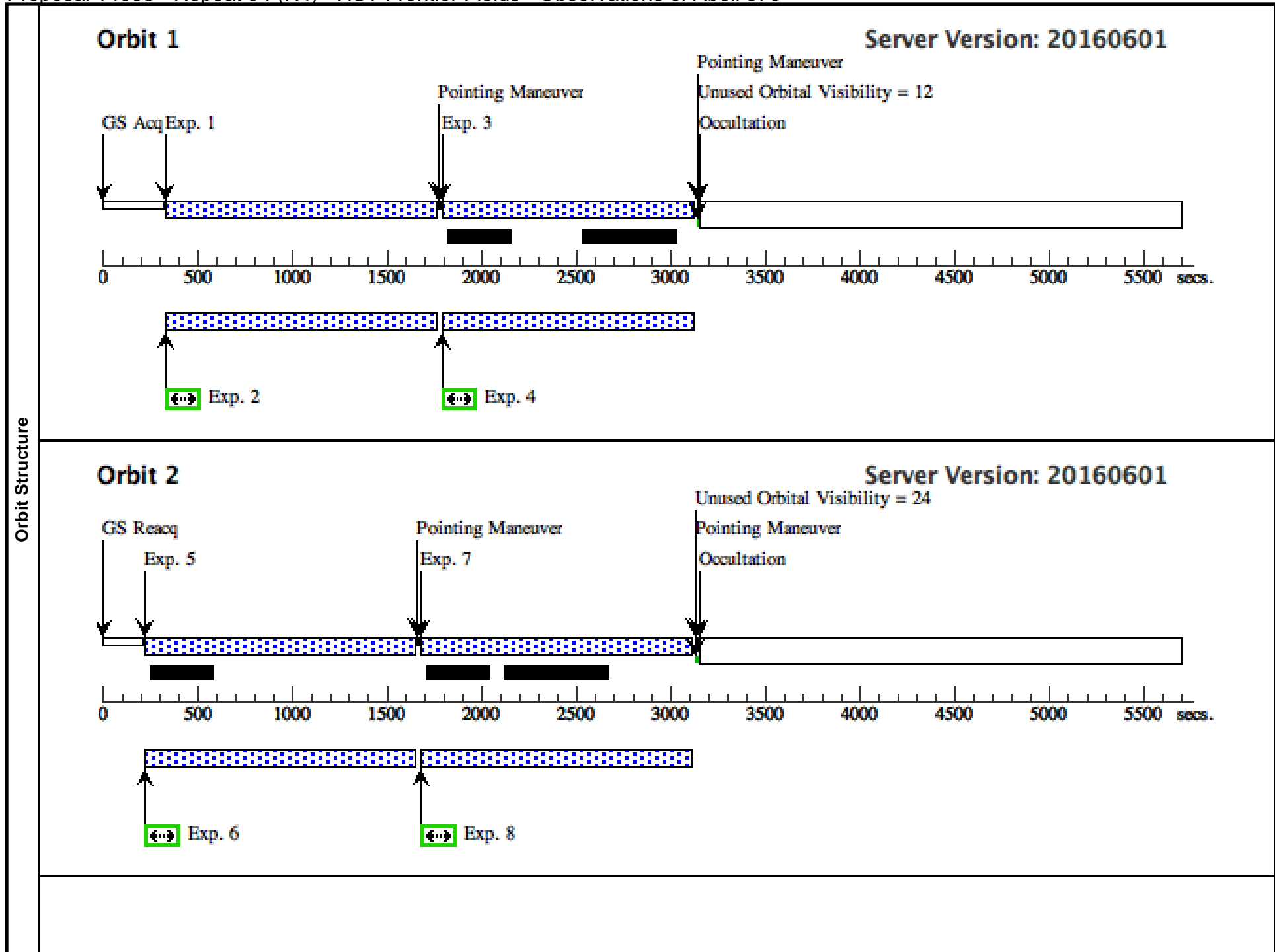
| | | | | | | |
|--------------|--|------------------|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Repeat 94 (R4), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%; ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 <i>Comments: This visit is an exact duplicate of visit 94 which was lost due to an HST safing event on 7/31/16</i> | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |

Proposal 14038 - Repeat 94 (R4) - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|----------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.618,1. 446 | Sequence 1-4 Non-Int in Repeat 94 (R4) Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Repeat 94 (R4) | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 1-4 Non-Int in Repeat 94 (R4) Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Repeat 94 (R4) | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.694,1. 514 | Sequence 1-4 Non-Int in Repeat 94 (R4) Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Repeat 94 (R4) | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 1-4 Non-Int in Repeat 94 (R4) Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Repeat 94 (R4) | 1186 Secs (1186 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.821,1. 143 | Sequence 5-8 Non-Int in Repeat 94 (R4) Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Repeat 94 (R4) | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 5-8 Non-Int in Repeat 94 (R4) Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Repeat 94 (R4) | 1286 Secs (1286 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.897,1. 211 | Sequence 5-8 Non-Int in Repeat 94 (R4) Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Repeat 94 (R4) | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 5-8 Non-Int in Repeat 94 (R4) Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Repeat 94 (R4) | 1285 Secs (1285 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.702,- 1.824 | Sequence 9-12 Non-Int in Repeat 94 (R4) Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Repeat 94 (R4) | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |

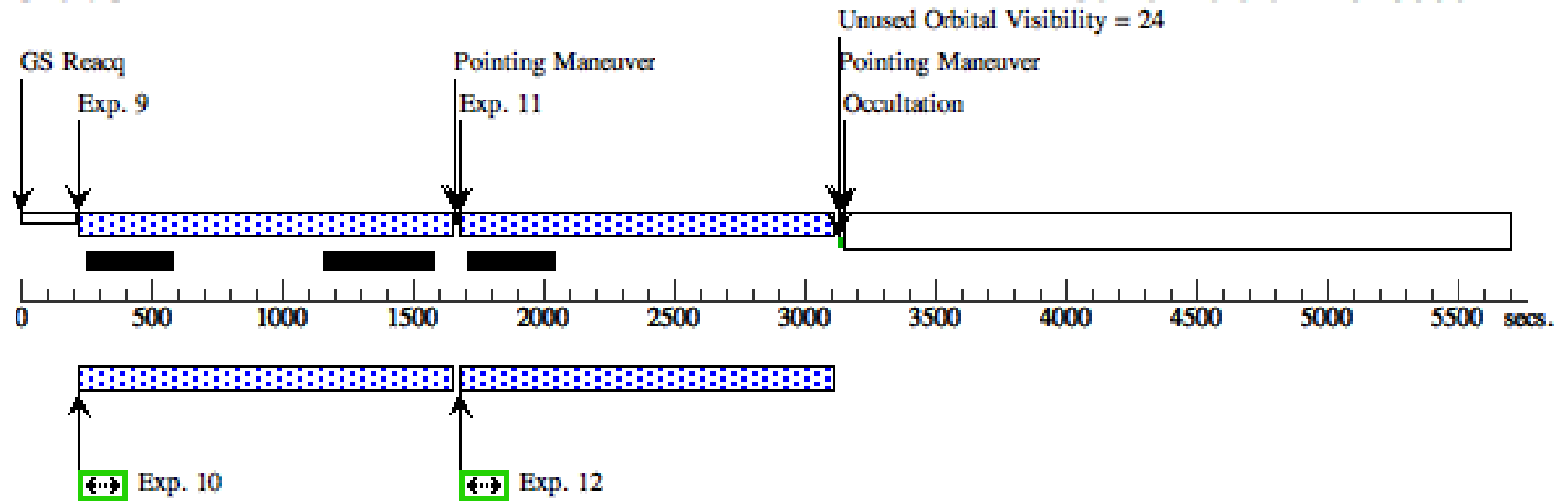
Proposal 14038 - Repeat 94 (R4) - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|----------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 9-12 Non-Int in Repeat 94 (R4) Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Repeat 94 (R4) | 1286 Secs (1286 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.626,- 1.756 | Sequence 9-12 Non-Int in Repeat 94 (R4) Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Repeat 94 (R4) | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 9-12 Non-Int in Repeat 94 (R4) Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Repeat 94 (R4) | 1285 Secs (1285 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.499,- 2.127 | Sequence 13-16 Non-Int in Repeat 94 (R4) Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Repeat 94 (R4) | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 13-16 Non-Int in Repeat 94 (R4) Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Repeat 94 (R4) | 1286 Secs (1286 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.423,- 2.059 | Sequence 13-16 Non-Int in Repeat 94 (R4) Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Repeat 94 (R4) | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 13-16 Non-Int in Repeat 94 (R4) Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Repeat 94 (R4) | 1285 Secs (1285 Secs) [==>] | [4] |



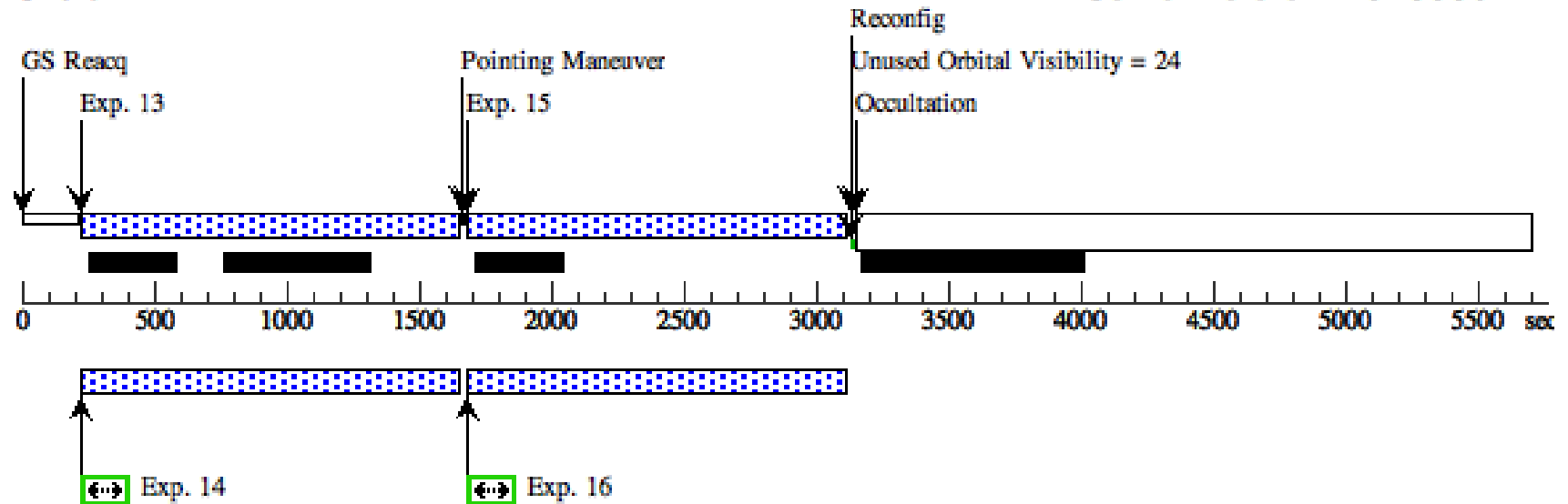
Orbit 3

Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit 95 - HST Frontier Fields - Observations of Abell 370

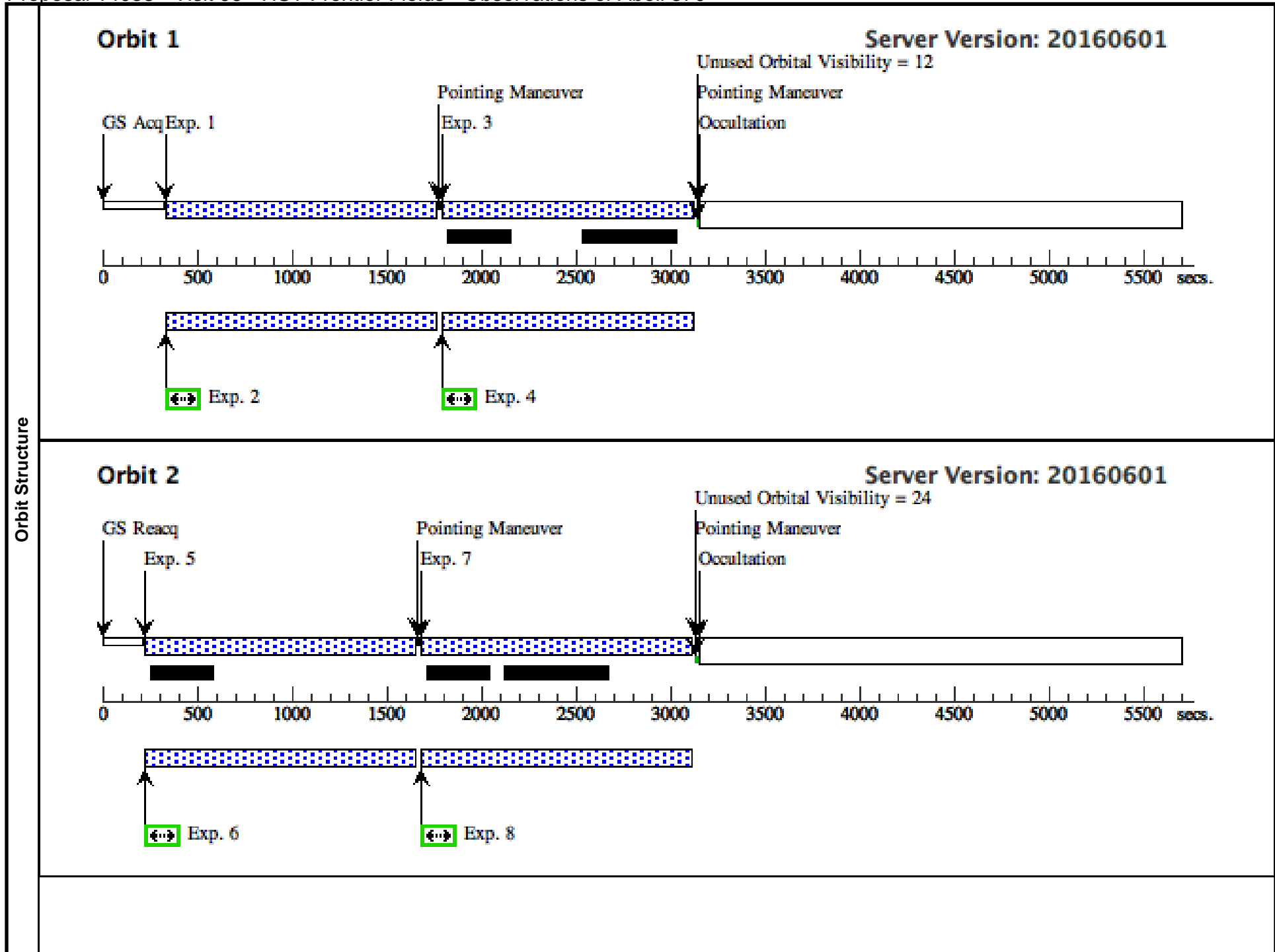
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|--------------|--|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit 95, completed Wed Sep 07 20:55:03 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%; ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit 95 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|----------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.414,1. 506 | Sequence 1-4 Non-Int in Visit 95 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 95 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 1-4 Non-Int in Visit 95 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 95 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.287,1. 877 | Sequence 1-4 Non-Int in Visit 95 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 95 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 1-4 Non-Int in Visit 95 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 95 | 1186 Secs (1186 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.211,1. 809 | Sequence 5-8 Non-Int in Visit 95 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 95 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 5-8 Non-Int in Visit 95 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 95 | 1286 Secs (1286 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.491,1. 574 | Sequence 5-8 Non-Int in Visit 95 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 95 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 5-8 Non-Int in Visit 95 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 95 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -2.109,- 1.461 | Sequence 9-12 Non-Int in Visit 95 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 95 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |

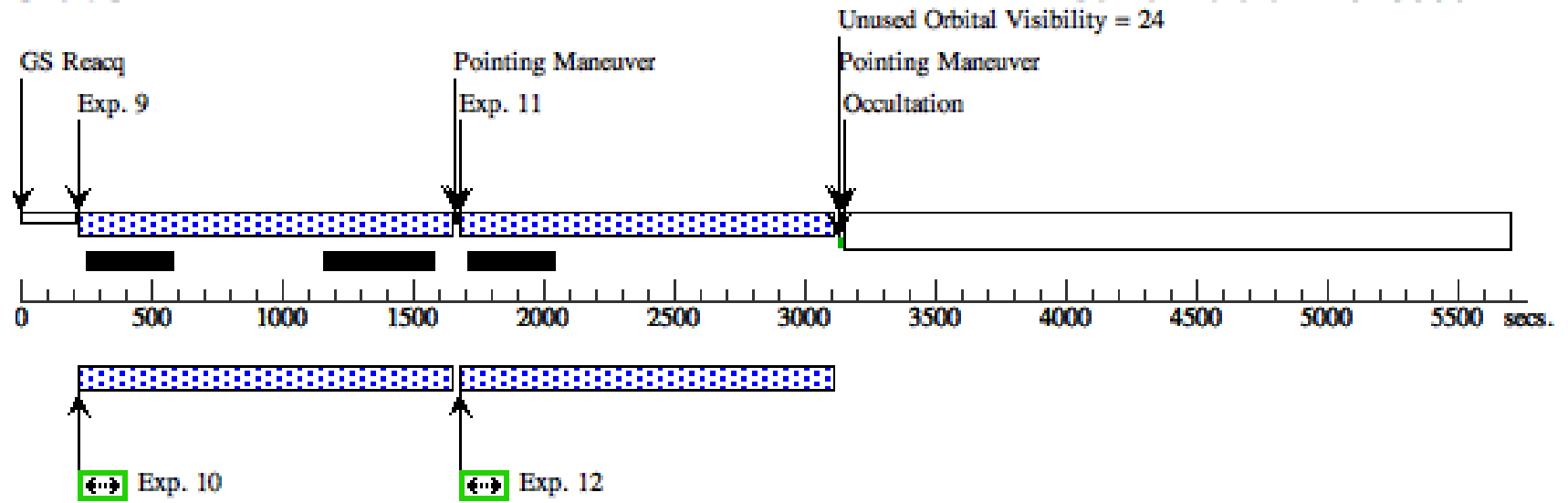
Proposal 14038 - Visit 95 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|----------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 9-12 Non-Int in Visit 95 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 95 | 1286 Secs (1286 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -2.033,- 1.393 | Sequence 9-12 Non-Int in Visit 95 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 95 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 9-12 Non-Int in Visit 95 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 95 | 1285 Secs (1285 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.905,- 1.764 | Sequence 13-16 Non-Int in Visit 95 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 95 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 13-16 Non-Int in Visit 95 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 95 | 1286 Secs (1286 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.829,- 1.695 | Sequence 13-16 Non-Int in Visit 95 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 95 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 13-16 Non-Int in Visit 95 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 95 | 1285 Secs (1285 Secs) [==>] | [4] |



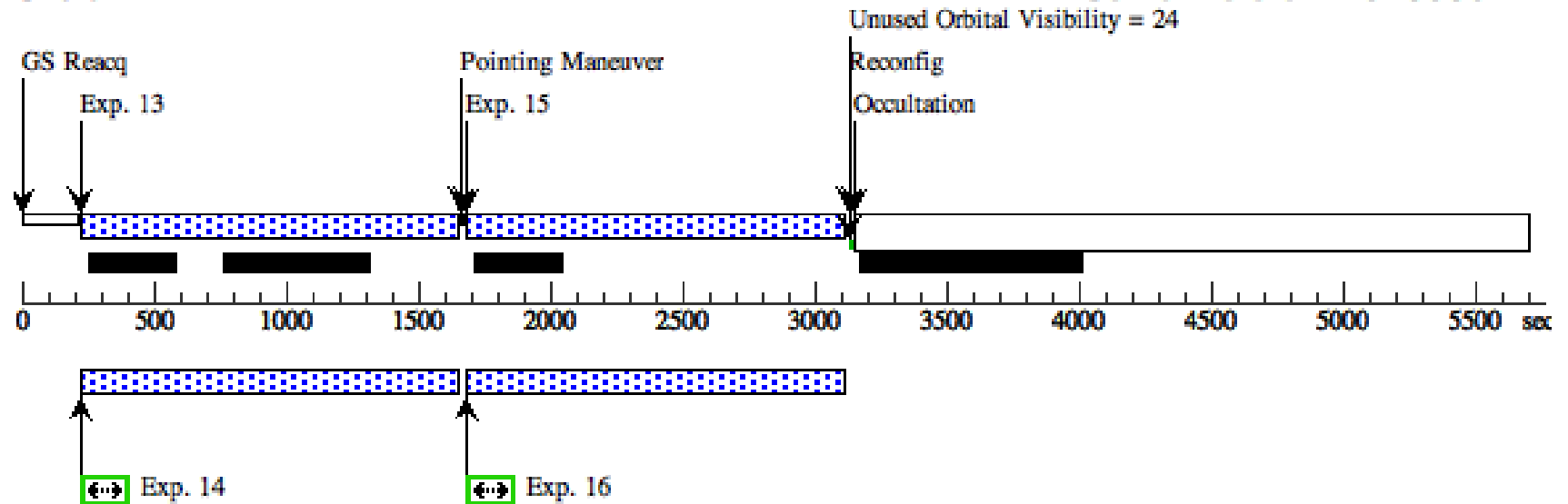
Orbit 3

Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit 96 - HST Frontier Fields - Observations of Abell 370

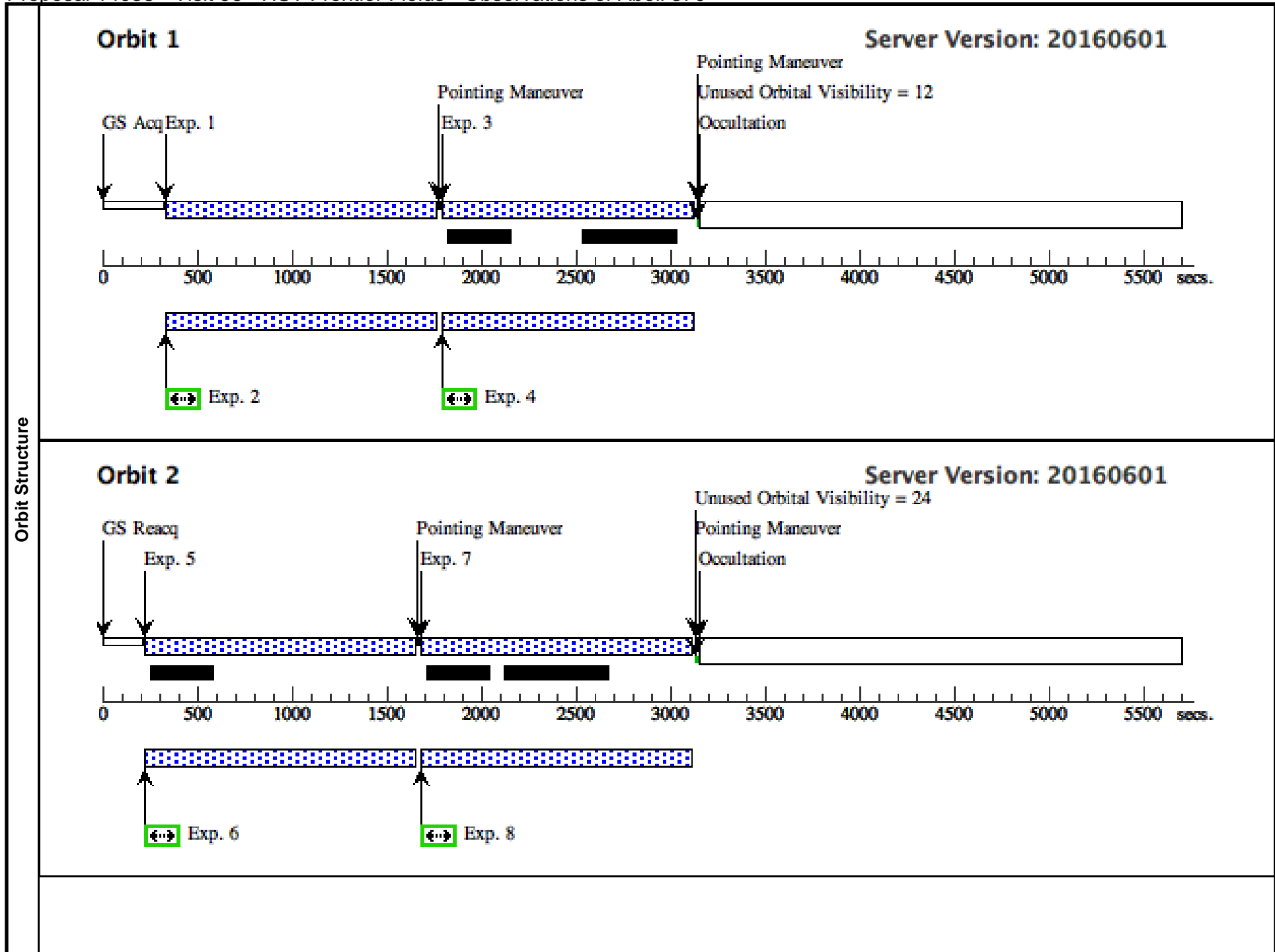
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|--------------|--|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit 96, completed Wed Sep 07 20:55:03 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%; ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit 96 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|----------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.427,1. 313 | Sequence 1-4 Non-Int in Visit 96 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 96 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 1-4 Non-Int in Visit 96 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 96 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.541,1. 347 | Sequence 1-4 Non-Int in Visit 96 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 96 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 1-4 Non-Int in Visit 96 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 96 | 1186 Secs (1186 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.224,1. 616 | Sequence 5-8 Non-Int in Visit 96 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 96 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 5-8 Non-Int in Visit 96 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 96 | 1286 Secs (1286 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.338,1. 65 | Sequence 5-8 Non-Int in Visit 96 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 96 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 5-8 Non-Int in Visit 96 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 96 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -2.096,- 1.654 | Sequence 9-12 Non-Int in Visit 96 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 96 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |

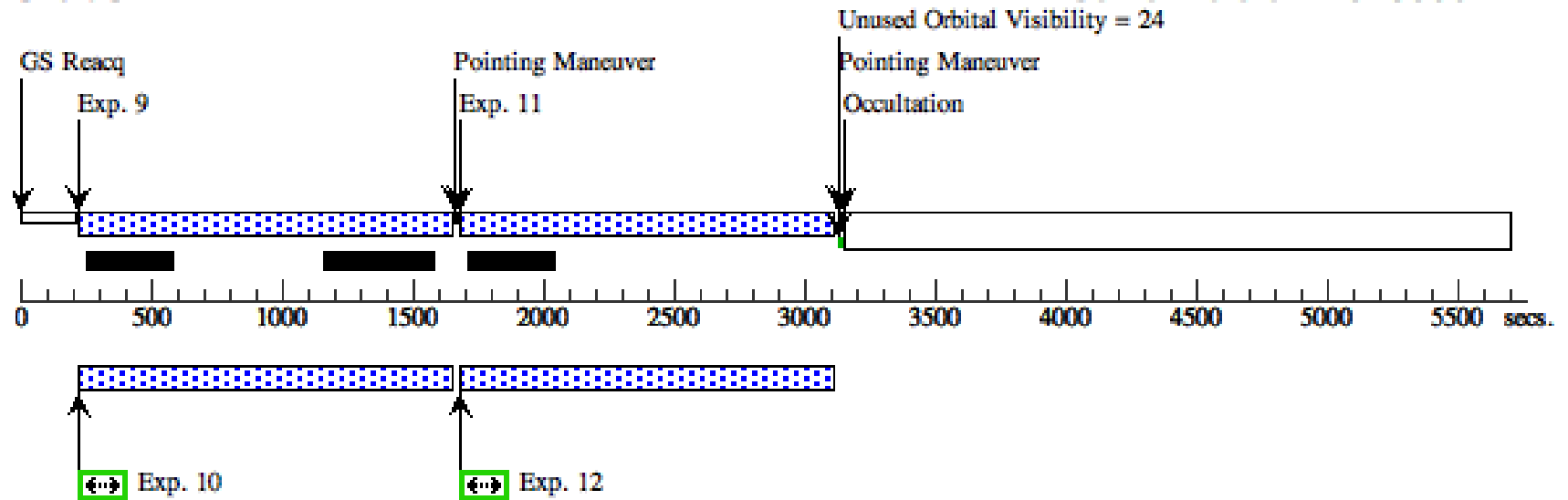
Proposal 14038 - Visit 96 - HST Frontier Fields - Observations of Abell 370

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|----|--------------------------|-----------------------------|-------|------------------------------------|----------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 9-12 Non-Int in Visit 96 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 96 | 1286 Secs (1286 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.982,- 1.62 | Sequence 9-12 Non-Int in Visit 96 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 96 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 9-12 Non-Int in Visit 96 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 96 | 1285 Secs (1285 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.893,- 1.957 | Sequence 13-16 Non-Int in Visit 96 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 96 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 13-16 Non-Int in Visit 96 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 96 | 1286 Secs (1286 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.778,- 1.922 | Sequence 13-16 Non-Int in Visit 96 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 96 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 13-16 Non-Int in Visit 96 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 96 | 1285 Secs (1285 Secs) [==>] | [4] |



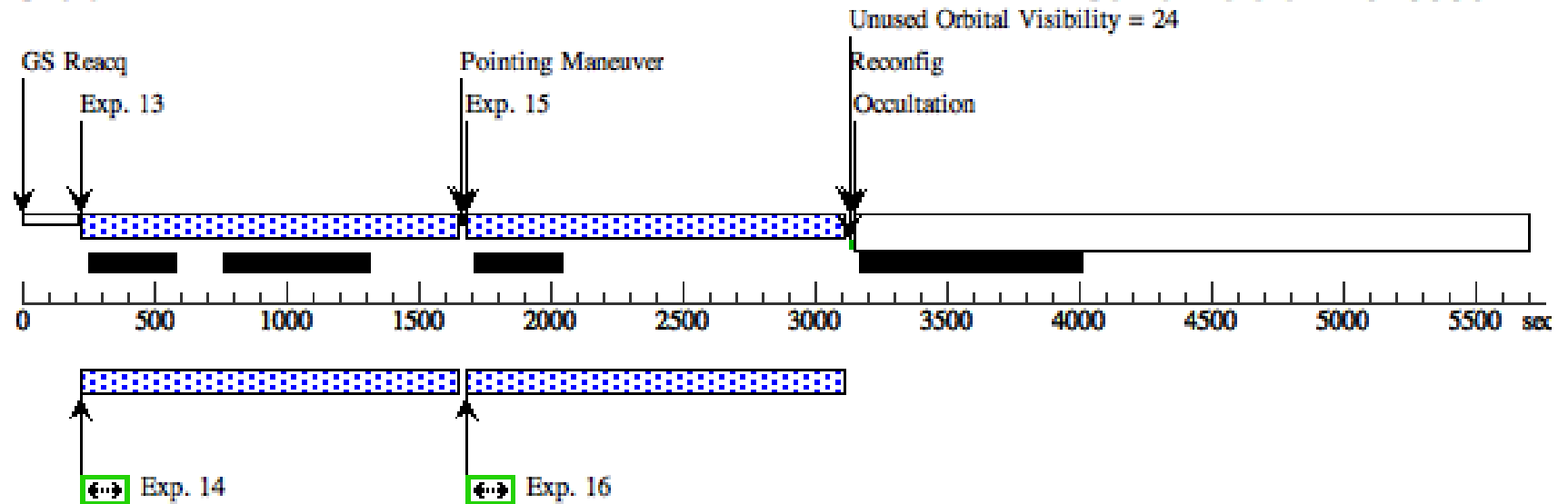
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Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit 97 - HST Frontier Fields - Observations of Abell 370

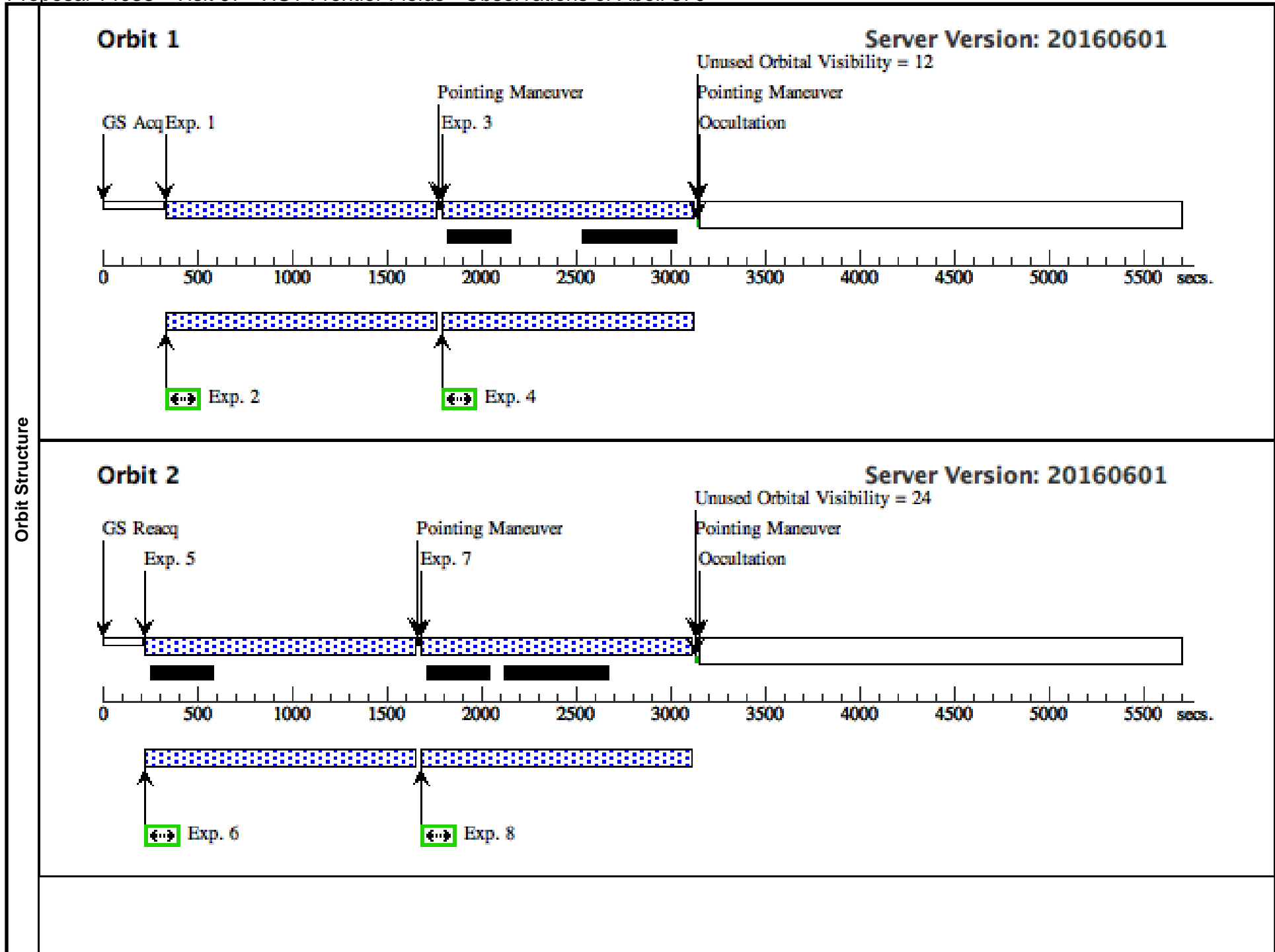
| | | | | | | |
|--------------|--|------------------|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit 97, completed Wed Sep 07 20:55:03 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%; ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |

Proposal 14038 - Visit 97 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|--------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.63,1.9 79 | Sequence 1-4 Non-Int in Visit 97 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 97 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 1-4 Non-Int in Visit 97 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 97 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.745,1. 983 | Sequence 1-4 Non-Int in Visit 97 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 97 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 1-4 Non-Int in Visit 97 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 97 | 1186 Secs (1186 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.833,1. 676 | Sequence 5-8 Non-Int in Visit 97 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 97 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 5-8 Non-Int in Visit 97 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 97 | 1286 Secs (1286 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.948,1. 68 | Sequence 5-8 Non-Int in Visit 97 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 97 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 5-8 Non-Int in Visit 97 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 97 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.69,-1. 29 | Sequence 9-12 Non-Int in Visit 97 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 97 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |

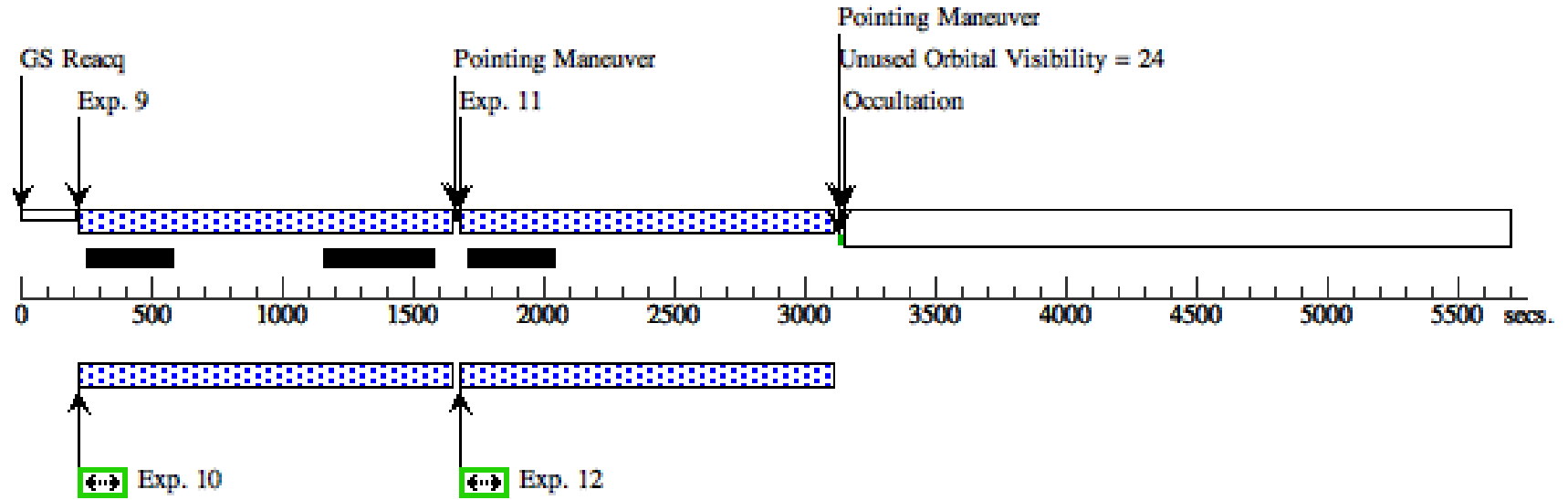
Proposal 14038 - Visit 97 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|----------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 9-12 Non-Int in Visit 97 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 97 | 1286 Secs (1286 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.575,- 1.287 | Sequence 9-12 Non-Int in Visit 97 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 97 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 9-12 Non-Int in Visit 97 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 97 | 1285 Secs (1285 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.486,- 1.593 | Sequence 13-16 Non-Int in Visit 97 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 97 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 13-16 Non-Int in Visit 97 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 97 | 1286 Secs (1286 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.372,- 1.589 | Sequence 13-16 Non-Int in Visit 97 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 97 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 13-16 Non-Int in Visit 97 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 97 | 1285 Secs (1285 Secs) [==>] | [4] |



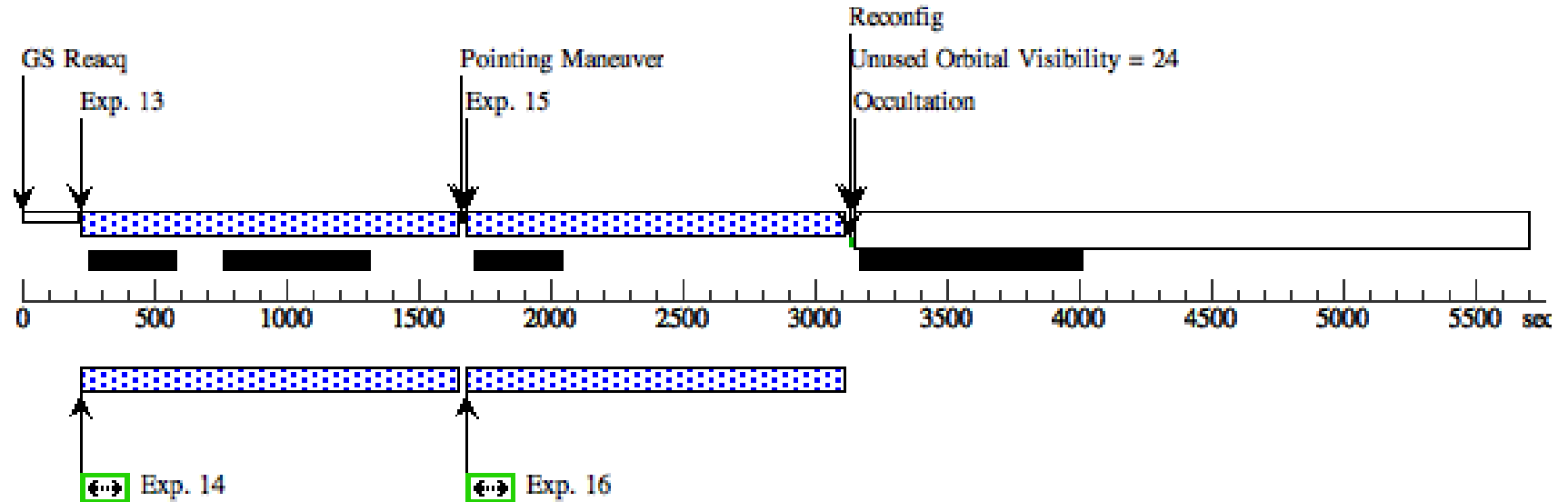
Orbit 3

Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit 98 - HST Frontier Fields - Observations of Abell 370

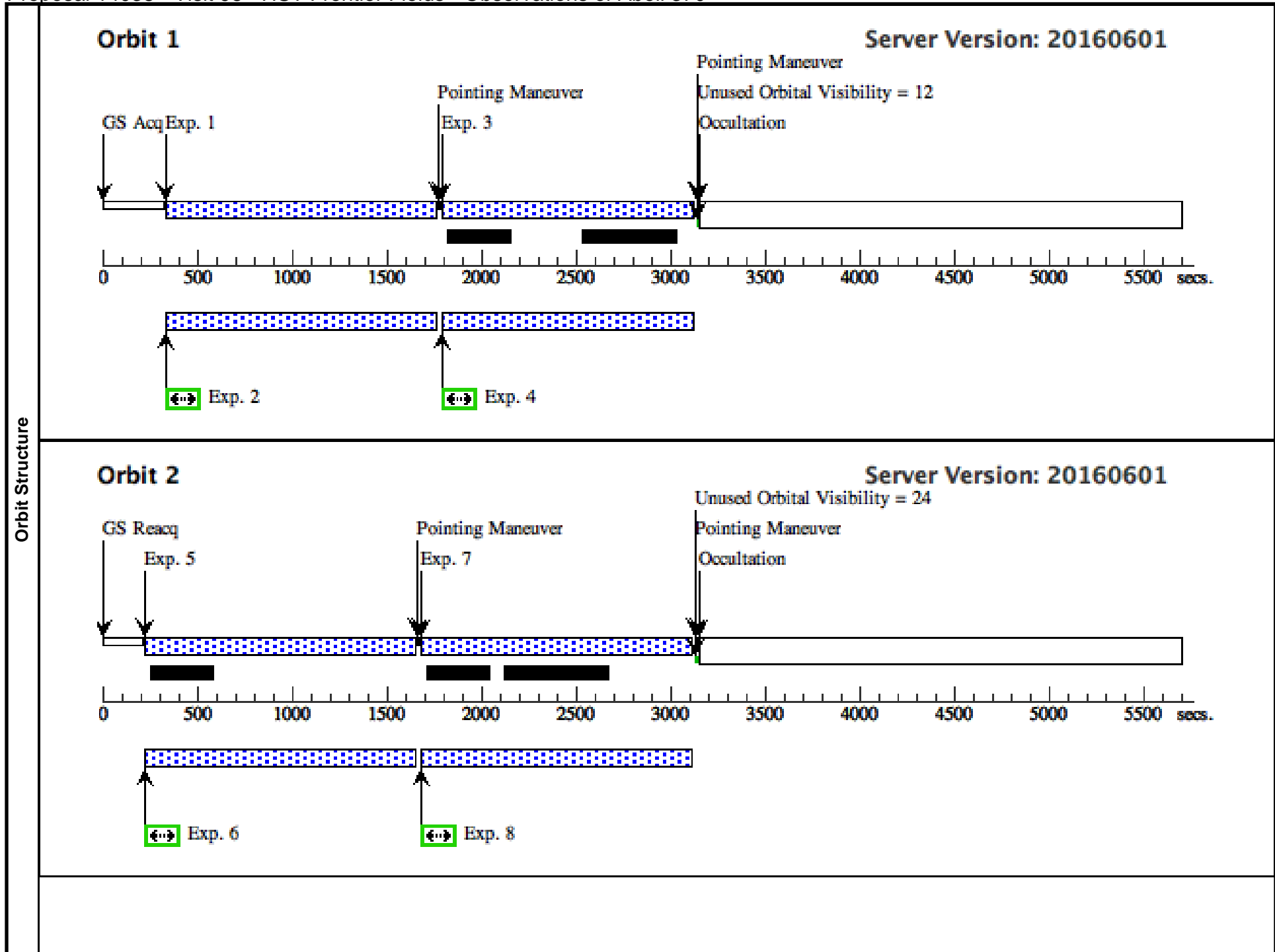
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|--------------|--|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit 98, completed Wed Sep 07 20:55:04 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%; ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit 98 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|----------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 2.037,1. 132 | Sequence 1-4 Non-Int in Visit 98 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 98 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 1-4 Non-Int in Visit 98 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 98 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.914,1. 468 | Sequence 1-4 Non-Int in Visit 98 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 98 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 1-4 Non-Int in Visit 98 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 98 | 1186 Secs (1186 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.833,1. 434 | Sequence 5-8 Non-Int in Visit 98 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 98 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 5-8 Non-Int in Visit 98 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 98 | 1286 Secs (1286 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 2.117,1. 166 | Sequence 5-8 Non-Int in Visit 98 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 98 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 5-8 Non-Int in Visit 98 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 98 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.486,- 1.835 | Sequence 9-12 Non-Int in Visit 98 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 98 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |

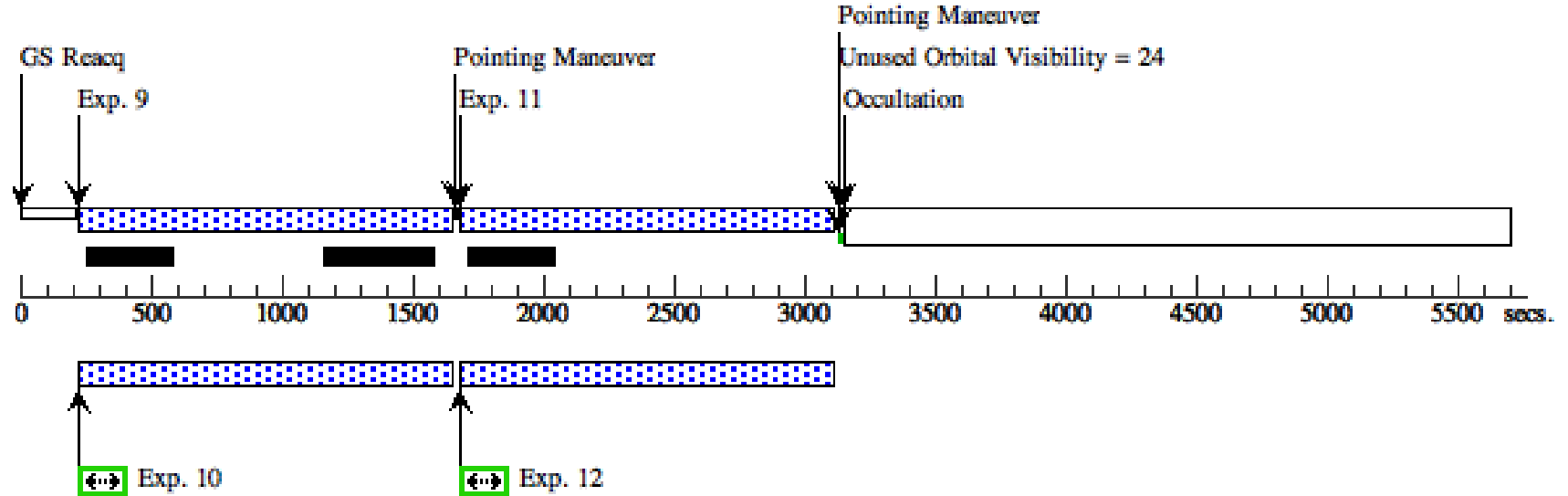
Proposal 14038 - Visit 98 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|----------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 9-12 Non-Int in Visit 98 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 98 | 1286 Secs (1286 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.406,- 1.801 | Sequence 9-12 Non-Int in Visit 98 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 98 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 9-12 Non-Int in Visit 98 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 98 | 1285 Secs (1285 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.283,- 2.138 | Sequence 13-16 Non-Int in Visit 98 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 98 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 13-16 Non-Int in Visit 98 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 98 | 1286 Secs (1286 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.203,- 2.104 | Sequence 13-16 Non-Int in Visit 98 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 98 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 13-16 Non-Int in Visit 98 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 98 | 1285 Secs (1285 Secs) [==>] | [4] |



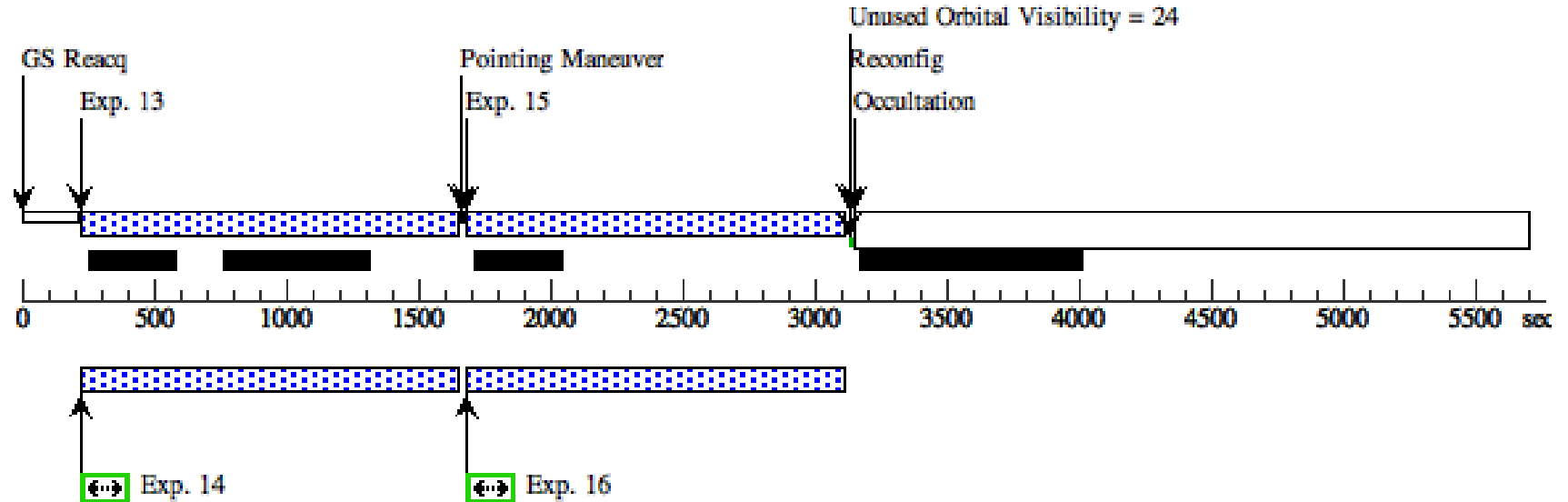
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Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit 99 - HST Frontier Fields - Observations of Abell 370

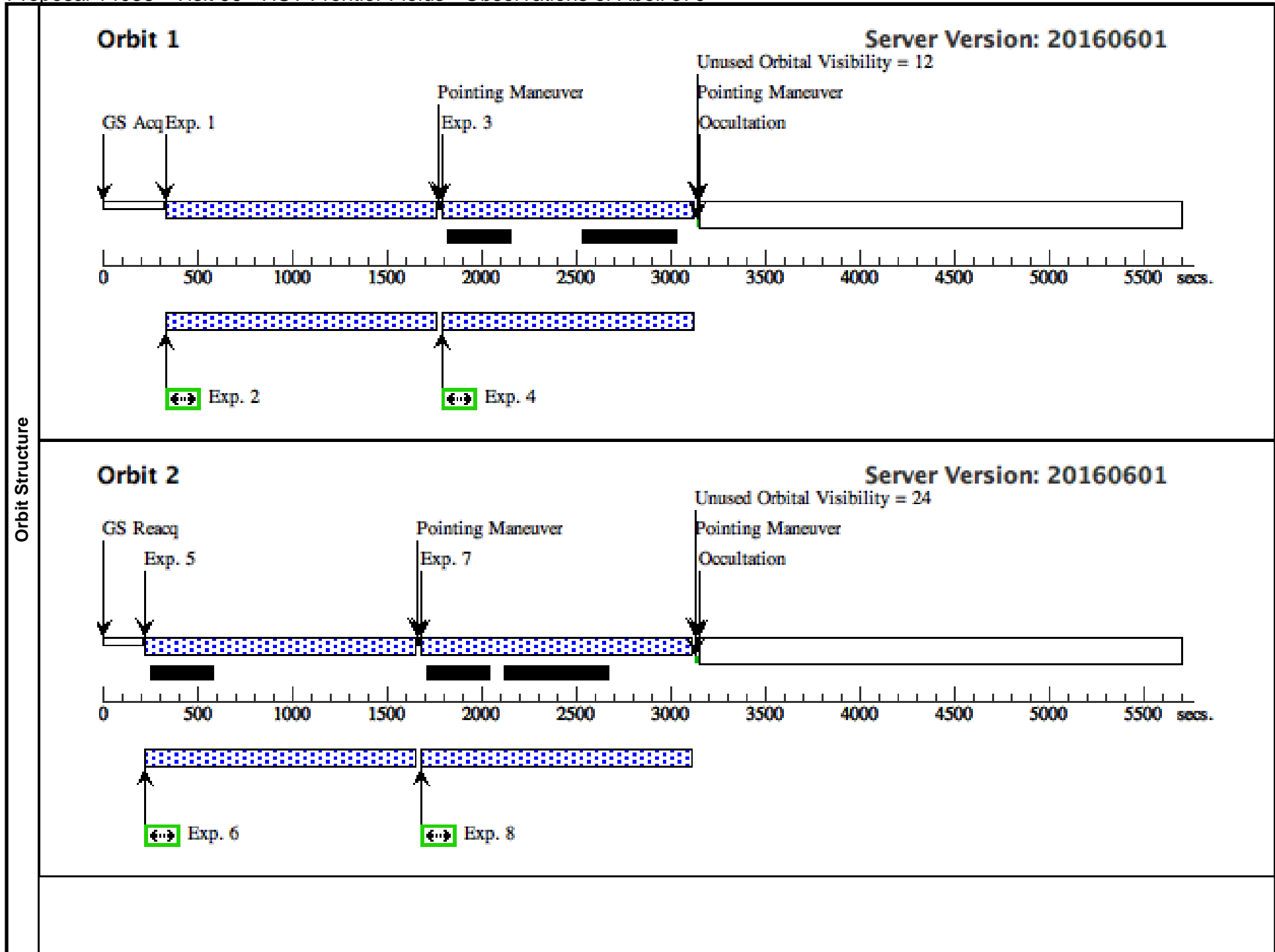
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|--------------|--|------------------|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit 99, completed Wed Sep 07 20:55:04 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 40%; ORIENT 253D TO 253 D; BETWEEN 01-JUL-2016:00:00:00 AND 30-SEP-2016:00:00:00 | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |

Proposal 14038 - Visit 99 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|----------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.618,1. 325 | Sequence 1-4 Non-Int in Visit 99 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 99 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 1-4 Non-Int in Visit 99 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 99 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=14; SAMP-SEQ=SPAR S100 | POS TARG 1.262,1. 764 | Sequence 1-4 Non-Int in Visit 99 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 99 | 1302.93649 Secs (1302.936 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 1-4 Non-Int in Visit 99 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 99 | 1186 Secs (1186 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.414,1. 627 | Sequence 5-8 Non-Int in Visit 99 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 99 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 5-8 Non-Int in Visit 99 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 99 | 1286 Secs (1286 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.465,1. 461 | Sequence 5-8 Non-Int in Visit 99 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 99 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 5-8 Non-Int in Visit 99 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 99 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.905,- 1.642 | Sequence 9-12 Non-Int in Visit 99 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 99 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |

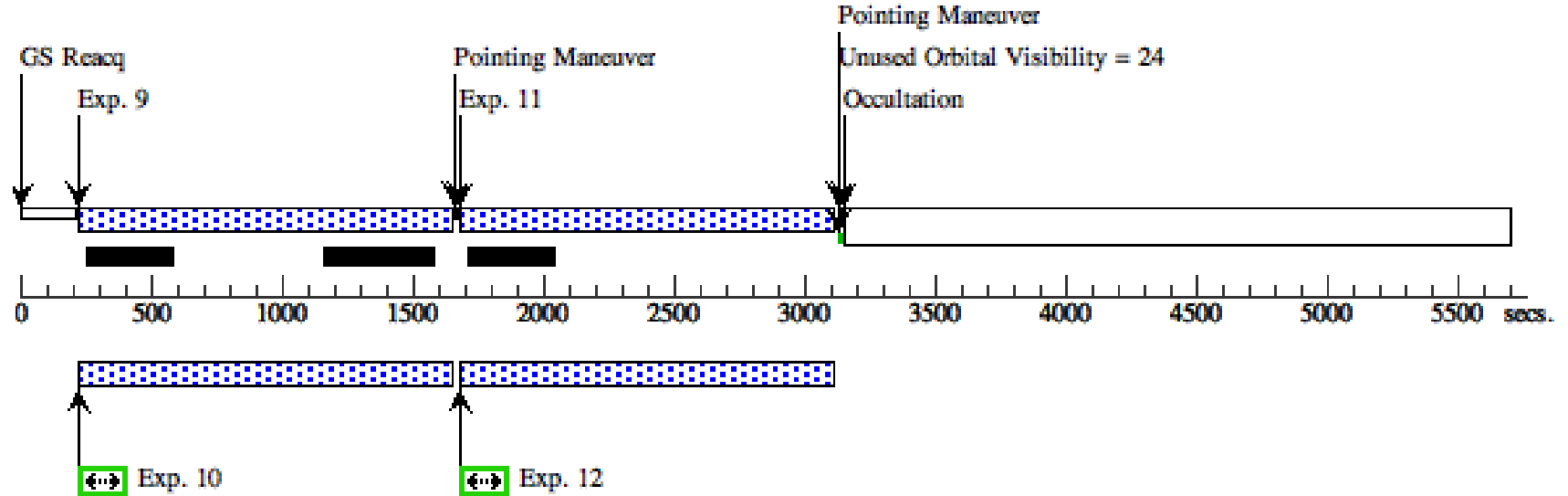
Proposal 14038 - Visit 99 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|----------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 9-12 Non-Int in Visit 99 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 99 | 1286 Secs (1286 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -2.058,- 1.506 | Sequence 9-12 Non-Int in Visit 99 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 99 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 9-12 Non-Int in Visit 99 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 99 | 1285 Secs (1285 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.702,- 1.945 | Sequence 13-16 Non-Int in Visit 99 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 99 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 13-16 Non-Int in Visit 99 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 99 | 1286 Secs (1286 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.855,- 1.809 | Sequence 13-16 Non-Int in Visit 99 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 99 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 13-16 Non-Int in Visit 99 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 99 | 1285 Secs (1285 Secs) [==>] | [4] |



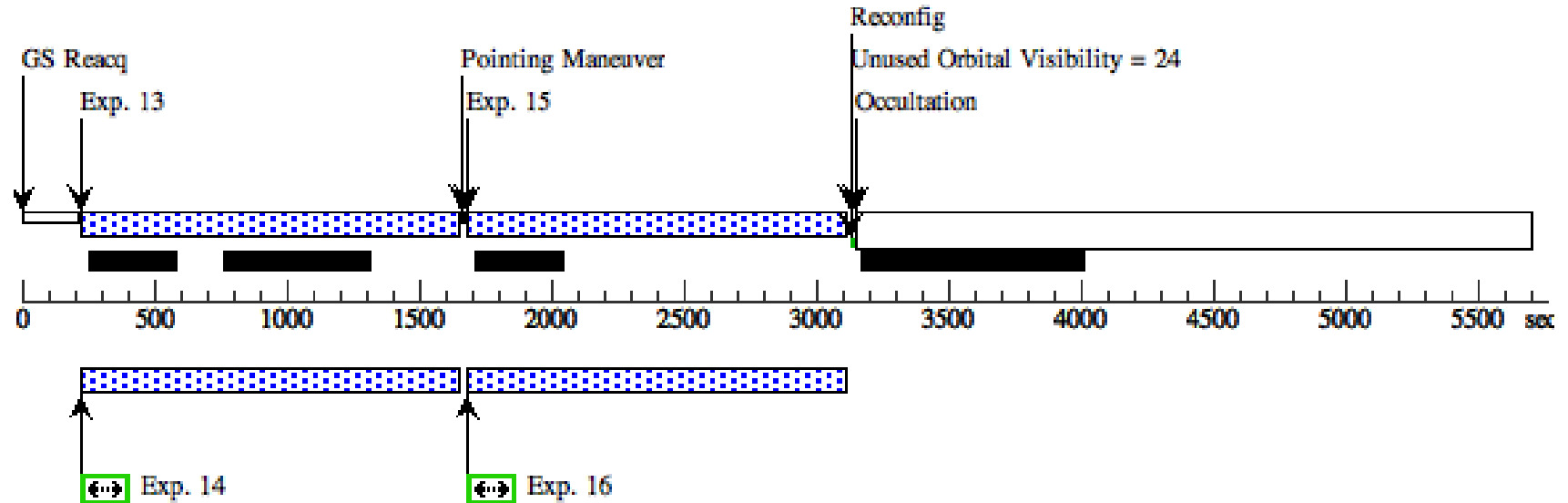
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Server Version: 20160601



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Proposal 14038 - Visit A1 - HST Frontier Fields - Observations of Abell 370

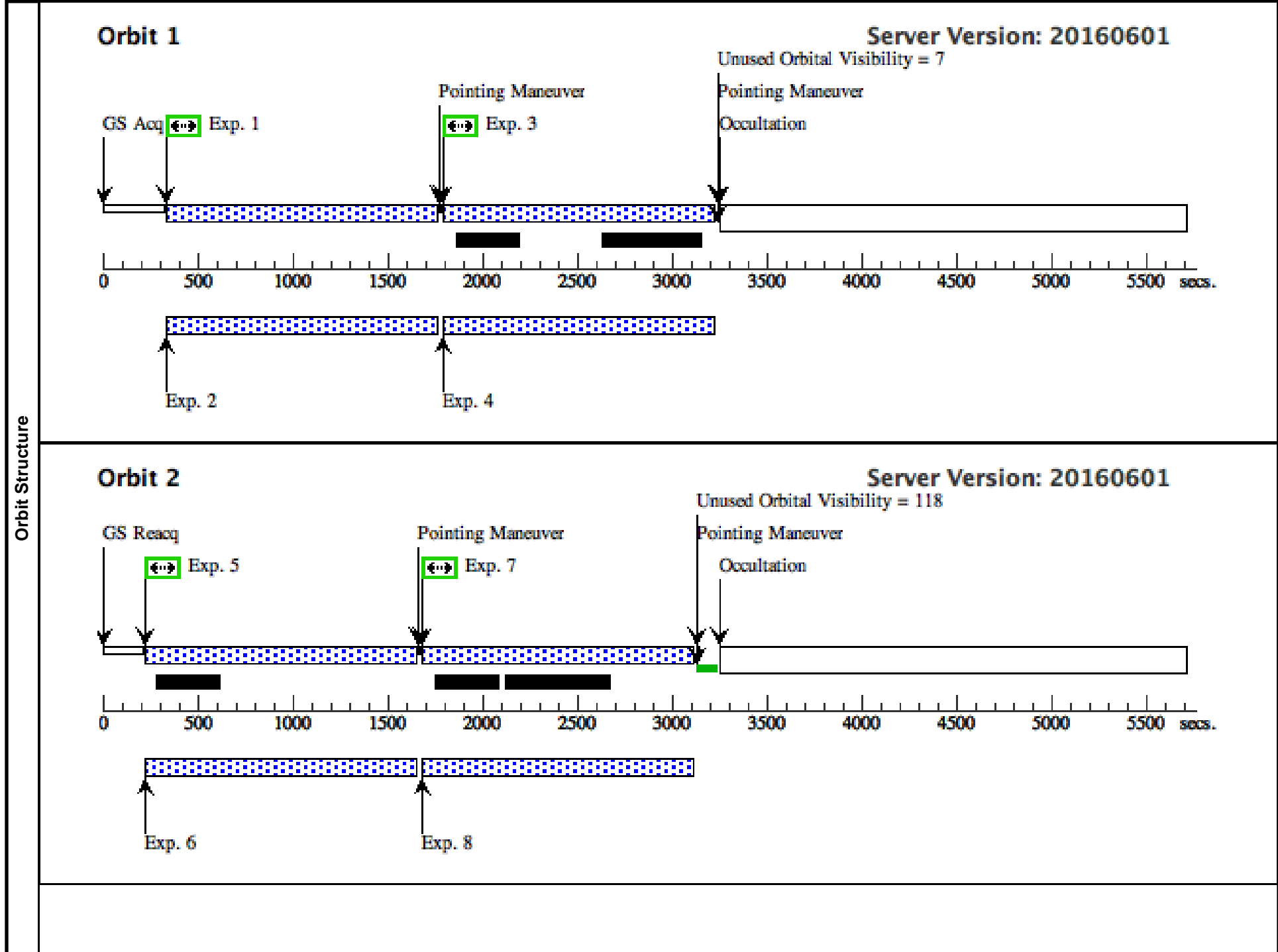
| | | | | | | |
|--------------|---|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit A1, completed Wed Sep 07 20:55:04 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit A1 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|---------------------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.76617 6909,10.449156187 | Sequence 1-4 Non-Int in Visit A1 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit A1 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit A1 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit A1 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.49556 4009,10.457441237 | Sequence 1-4 Non-Int in Visit A1 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit A1 | 1252 Secs (1252 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit A1 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit A1 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.40530 972,10.505723335 | Sequence 5-8 Non-Int in Visit A1 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit A1 | 1252 Secs (1252 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit A1 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit A1 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.13469 682,10.514008385 | Sequence 5-8 Non-Int in Visit A1 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit A1 | 1252 Secs (1252 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit A1 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit A1 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.54467 1498,5.848553114 | Sequence 9-12 Non-Int in Visit A1 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit A1 | 1252 Secs (1252 Secs) [==>] | [3] |

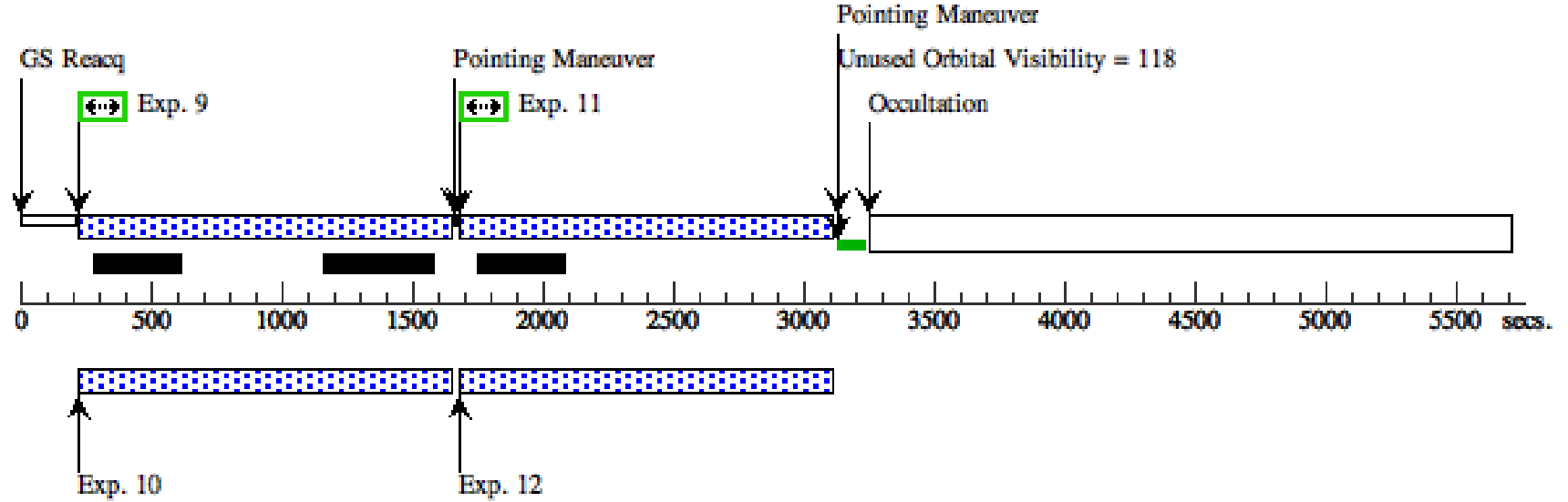
Proposal 14038 - Visit A1 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|--------------------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit A1 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit A1 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.27405 8598,5.856838164 | Sequence 9-12 Non-Int in Visit A1 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit A1 | 1252 Secs (1252 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit A1 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit A1 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.90485 8479,5.791252947 | Sequence 13-16 Non-Int in Visit A1 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit A1 | 1252 Secs (1252 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F140W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit A1 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit A1 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.63351 256,5.800218205 | Sequence 13-16 Non-Int in Visit A1 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit A1 | 1252 Secs (1252 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit A1 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit A1 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |



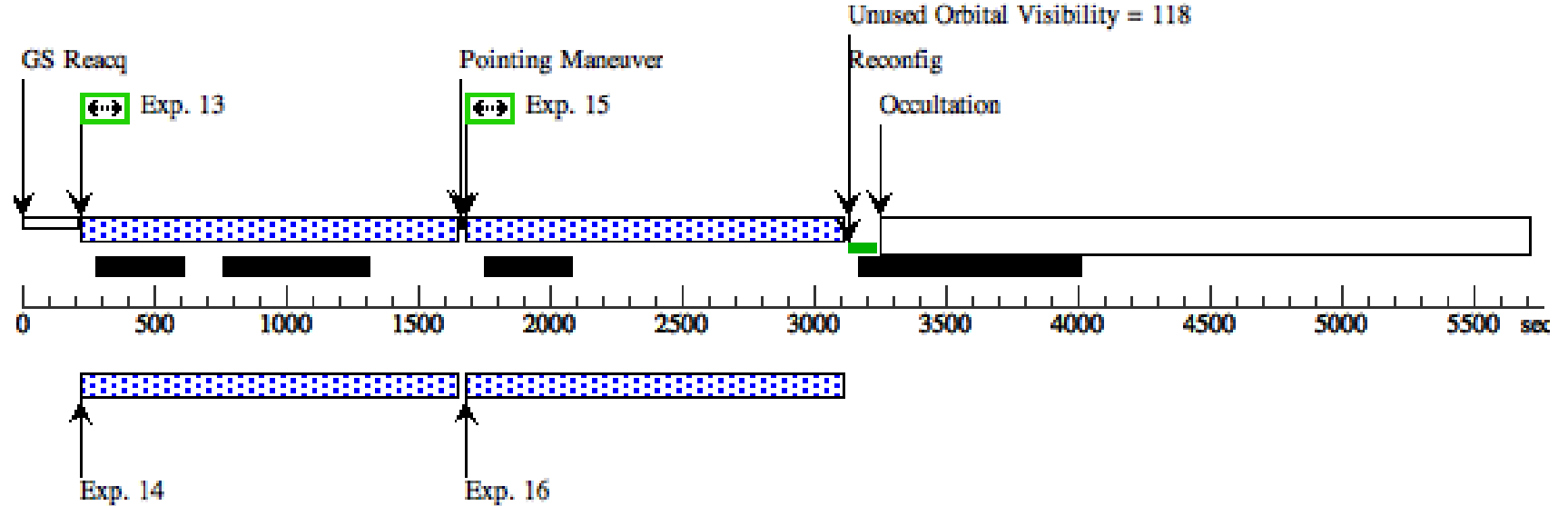
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Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit A2 - HST Frontier Fields - Observations of Abell 370

| | | | | | | |
|--------------|---|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit A2, completed Wed Sep 07 20:55:04 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit A2 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|---------------------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.47371 9202,10.511817736 | Sequence 1-4 Non-Int in Visit A2 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit A2 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit A2 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit A2 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.82664 9882,10.080633476 | Sequence 1-4 Non-Int in Visit A2 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit A2 | 1252 Secs (1252 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit A2 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit A2 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.83390 6183,10.454517569 | Sequence 5-8 Non-Int in Visit A2 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit A2 | 1252 Secs (1252 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit A2 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit A2 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.46719 592,10.137253435 | Sequence 5-8 Non-Int in Visit A2 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit A2 | 1252 Secs (1252 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit A2 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit A2 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.61166 7753,5.854594704 | Sequence 9-12 Non-Int in Visit A2 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit A2 | 1252 Secs (1252 Secs) [==>] | [3] |

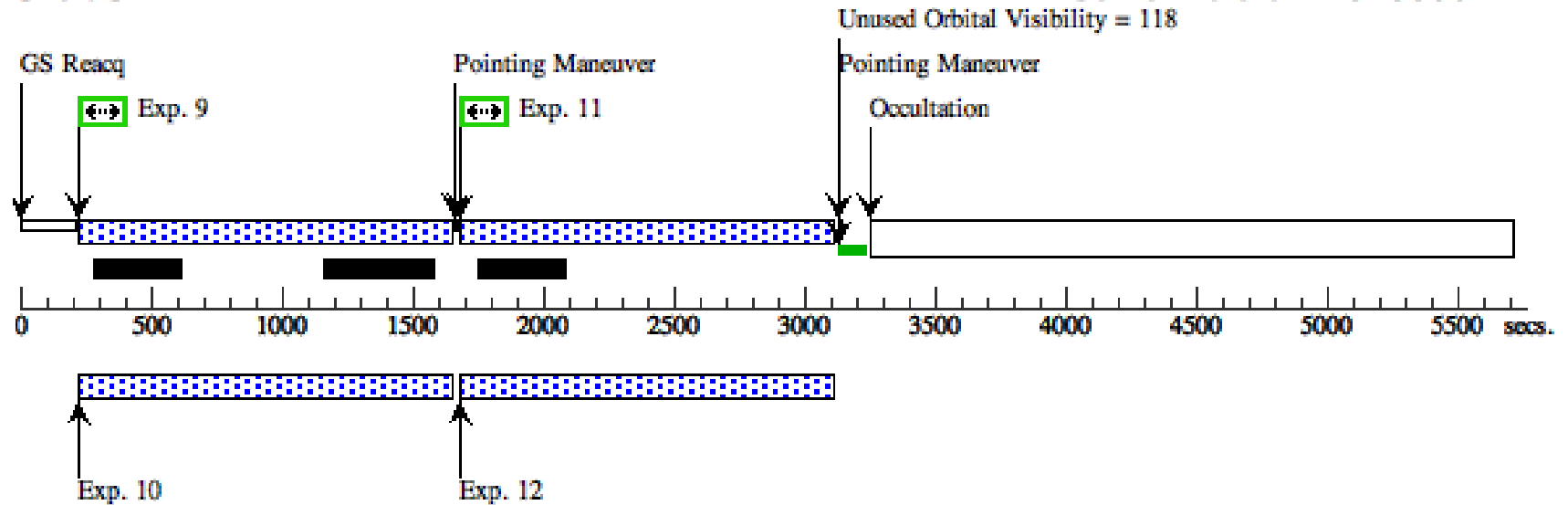
Proposal 14038 - Visit A2 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|--------------------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit A2 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit A2 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.60514 4471,5.480030403 | Sequence 9-12 Non-Int in Visit A2 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit A2 | 1252 Secs (1252 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit A2 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit A2 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.97253 4942,5.798027556 | Sequence 13-16 Non-Int in Visit A2 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit A2 | 1252 Secs (1252 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit A2 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit A2 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.96533 1452,5.422730236 | Sequence 13-16 Non-Int in Visit A2 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit A2 | 1252 Secs (1252 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit A2 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit A2 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |



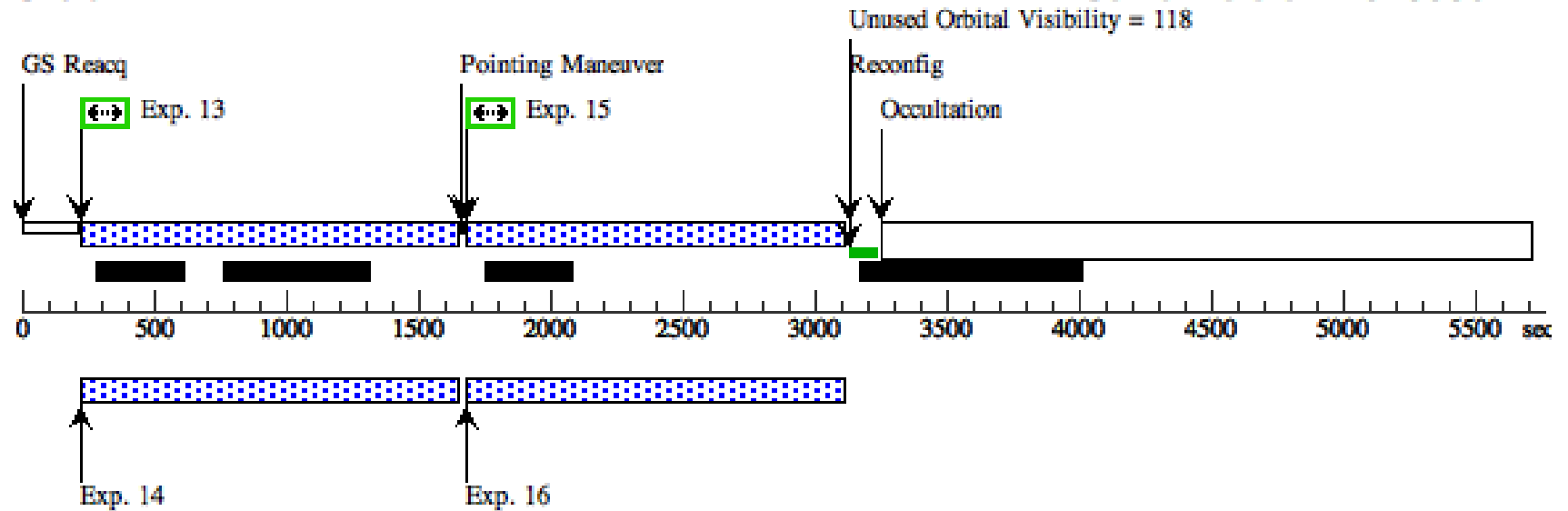
Orbit 3

Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit A3 - HST Frontier Fields - Observations of Abell 370

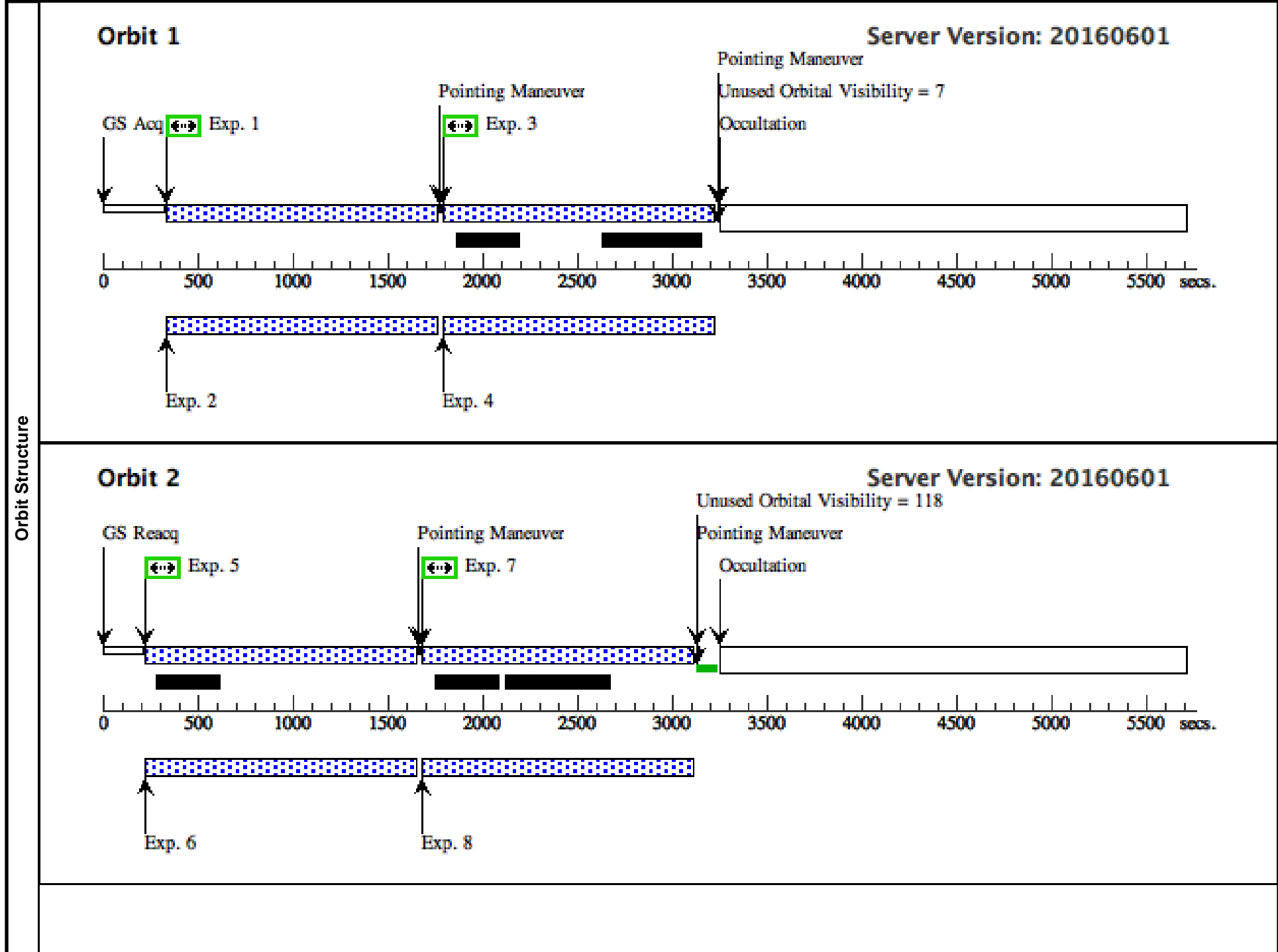
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|--------------|---|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit A3, completed Wed Sep 07 20:55:04 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit A3 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|---------------------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.72248 7295,10.557909185 | Sequence 1-4 Non-Int in Visit A3 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit A3 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit A3 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit A3 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.85871 9003,10.604748454 | Sequence 1-4 Non-Int in Visit A3 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit A3 | 1252 Secs (1252 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit A3 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit A3 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 1.08335 4484,10.501342037 | Sequence 5-8 Non-Int in Visit A3 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit A3 | 1252 Secs (1252 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit A3 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit A3 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.49926 5041,10.661368413 | Sequence 5-8 Non-Int in Visit A3 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit A3 | 1252 Secs (1252 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit A3 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit A3 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.86184 9073,5.900738964 | Sequence 9-12 Non-Int in Visit A3 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit A3 | 1252 Secs (1252 Secs) [==>] | [3] |

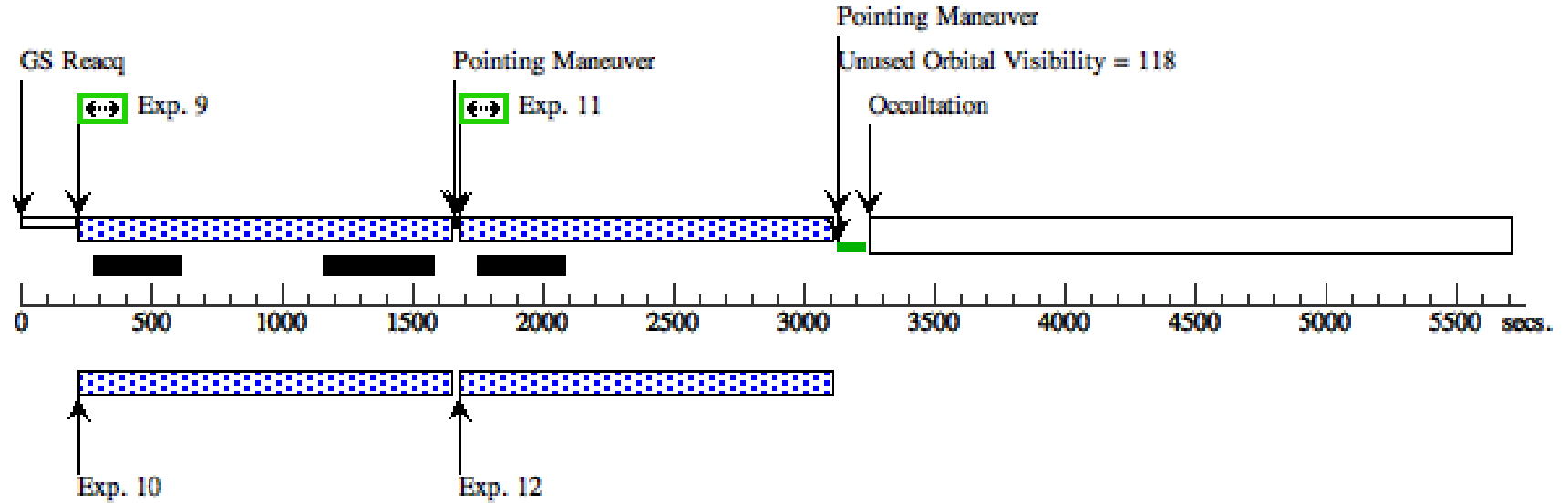
Proposal 14038 - Visit A3 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|--------------------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit A3 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit A3 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.63721 3592,6.004145381 | Sequence 9-12 Non-Int in Visit A3 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit A3 | 1252 Secs (1252 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit A3 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit A3 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 1.22203 6054,5.843438797 | Sequence 13-16 Non-Int in Visit A3 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit A3 | 1252 Secs (1252 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit A3 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit A3 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F606W | | POS TARG 0.99808 0781,5.947578233 | Sequence 13-16 Non-Int in Visit A3 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit A3 | 1252 Secs (1252 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit A3 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit A3 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |



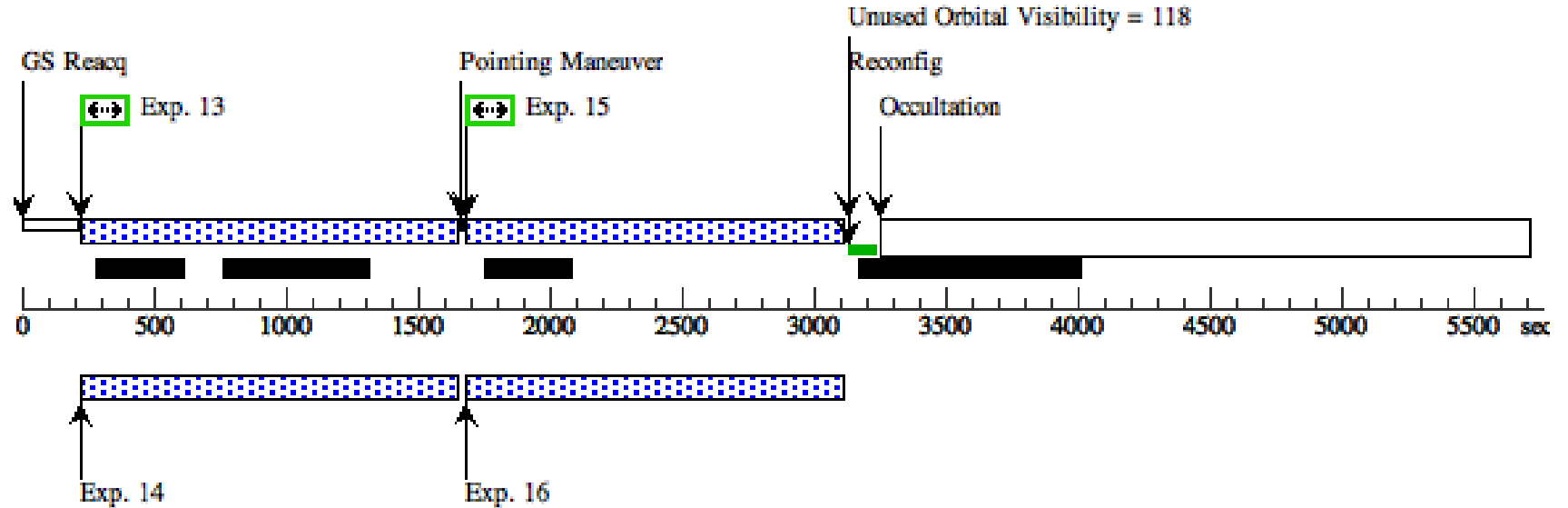
Orbit 3

Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit B1 - HST Frontier Fields - Observations of Abell 370

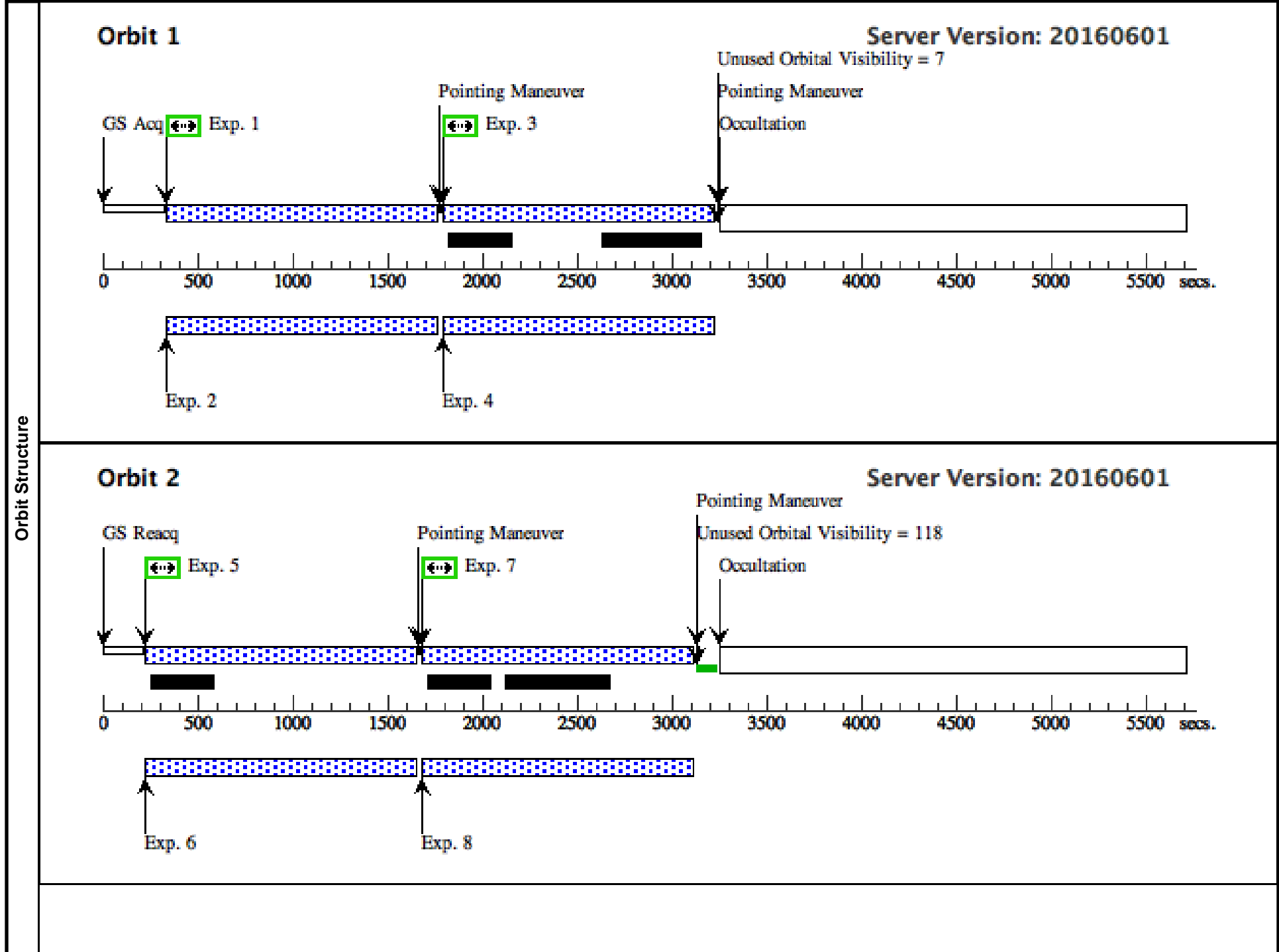
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|--------------|---|------------------|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit B1, completed Wed Sep 07 20:55:04 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |

Proposal 14038 - Visit B1 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|---------------------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.56241 4501,10.429512568 | Sequence 1-4 Non-Int in Visit B1 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B1 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B1 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B1 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.74803 3134,10.707459862 | Sequence 1-4 Non-Int in Visit B1 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B1 | 1285 Secs (1285 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B1 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B1 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.20222 752,10.486812735 | Sequence 5-8 Non-Int in Visit B1 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B1 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B1 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B1 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 1.10890 0323,10.650892714 | Sequence 5-8 Non-Int in Visit B1 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B1 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B1 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B1 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.34090 909,5.828909495 | Sequence 9-12 Non-Int in Visit B1 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B1 | 1285 Secs (1285 Secs) [==>] | [3] |

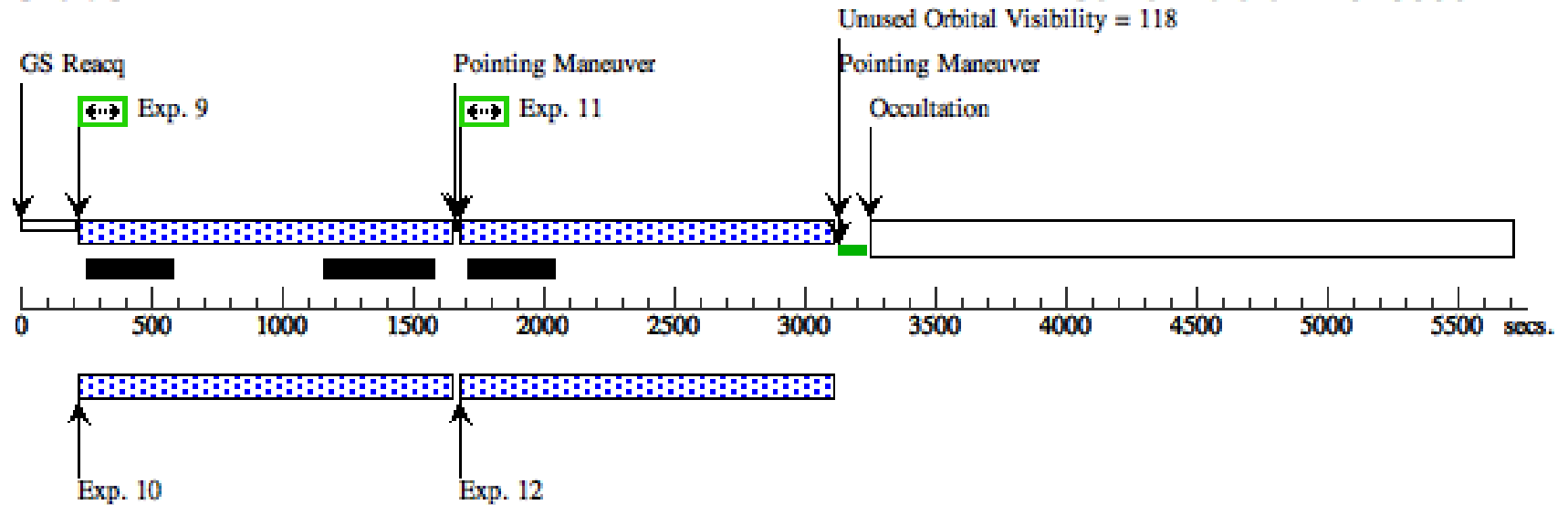
Proposal 14038 - Visit B1 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|--------------------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B1 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B1 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.88739 4912,6.050289641 | Sequence 9-12 Non-Int in Visit B1 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B1 | 1285 Secs (1285 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B1 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B1 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.70109 6071,5.771609328 | Sequence 13-16 Non-Int in Visit B1 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B1 | 1285 Secs (1285 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B1 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B1 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 1.24684 8874,5.993669682 | Sequence 13-16 Non-Int in Visit B1 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B1 | 1285 Secs (1285 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B1 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B1 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |



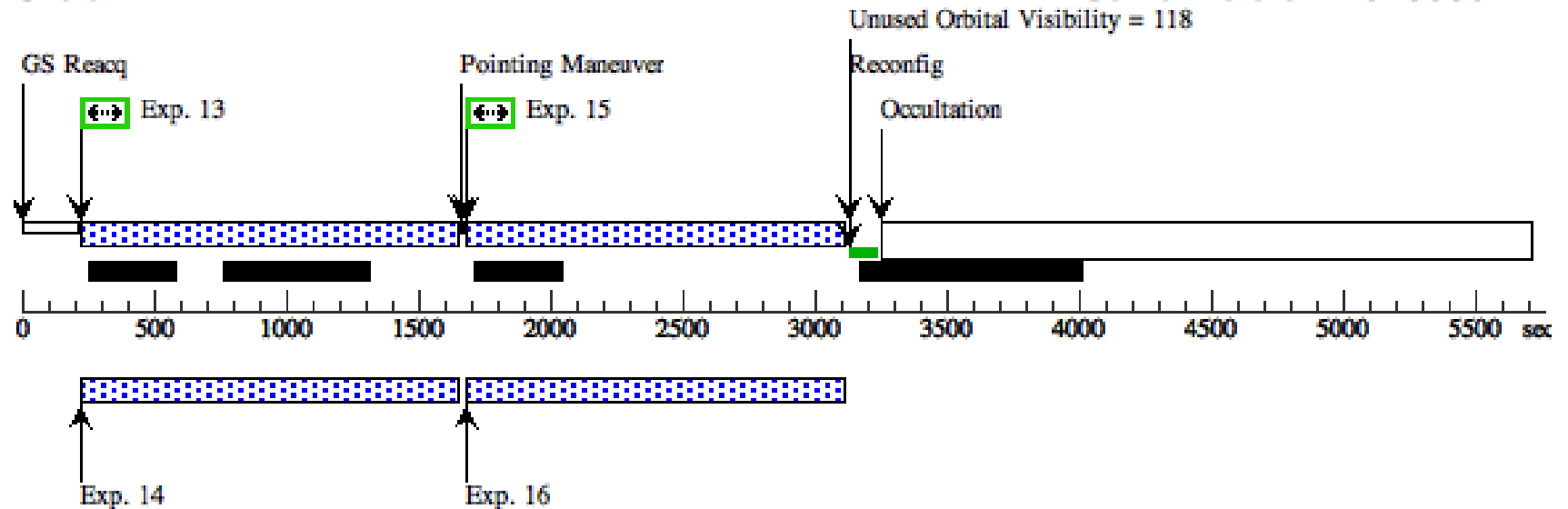
Orbit 3

Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit B2 - HST Frontier Fields - Observations of Abell 370

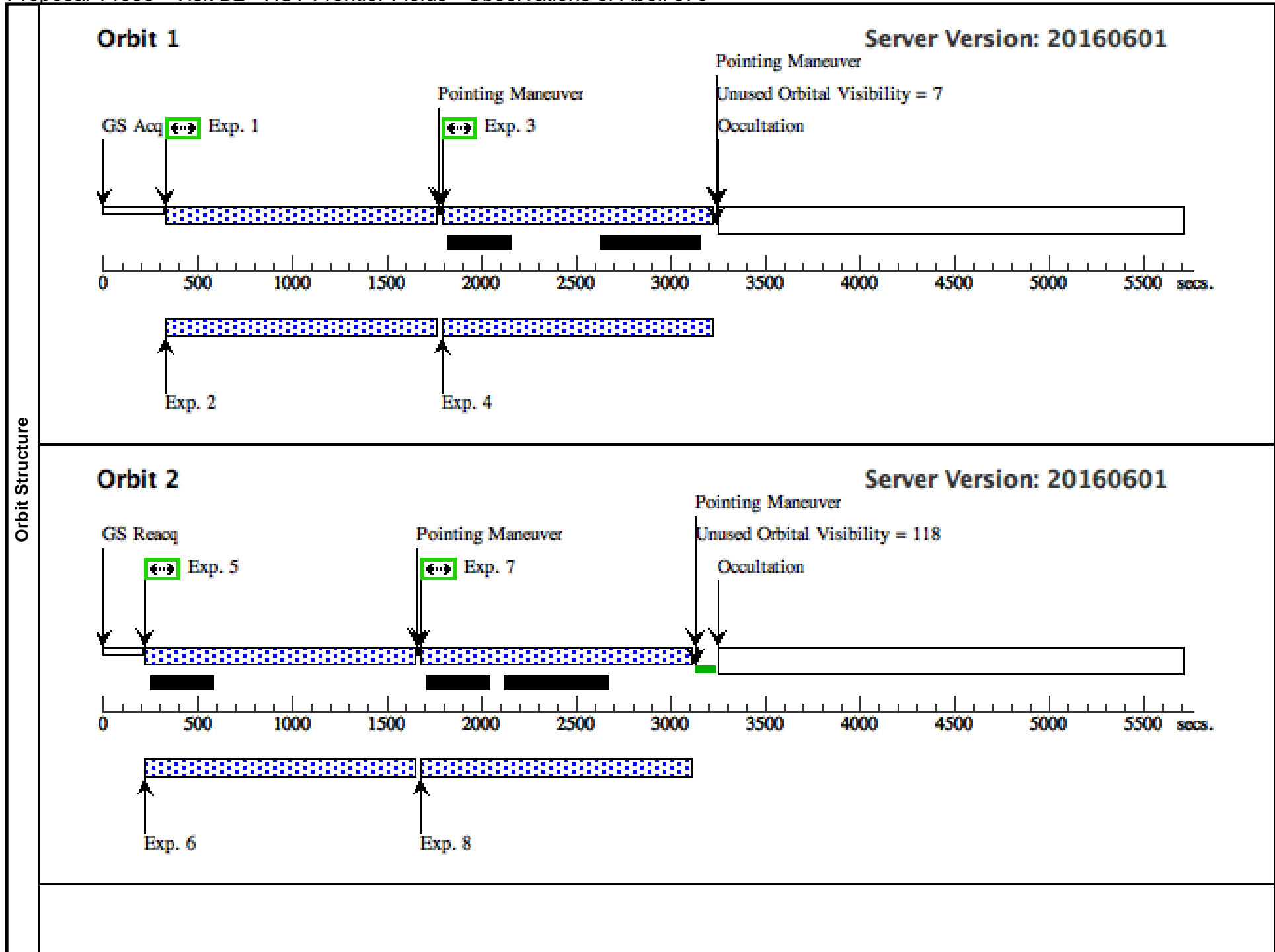
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|--------------|---|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit B2, completed Wed Sep 07 20:55:04 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit B2 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|---------------------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.85373 5706,10.321522133 | Sequence 1-4 Non-Int in Visit B2 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B2 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B2 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B2 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.56523 6751,10.600149693 | Sequence 1-4 Non-Int in Visit B2 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B2 | 1285 Secs (1285 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B2 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B2 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.49360 1536,10.377409073 | Sequence 5-8 Non-Int in Visit B2 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B2 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B2 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B2 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.20578 2789,10.656769652 | Sequence 5-8 Non-Int in Visit B2 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B2 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B2 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B2 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.63223 0295,5.72091906 | Sequence 9-12 Non-Int in Visit B2 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B2 | 1285 Secs (1285 Secs) [==>] | [3] |

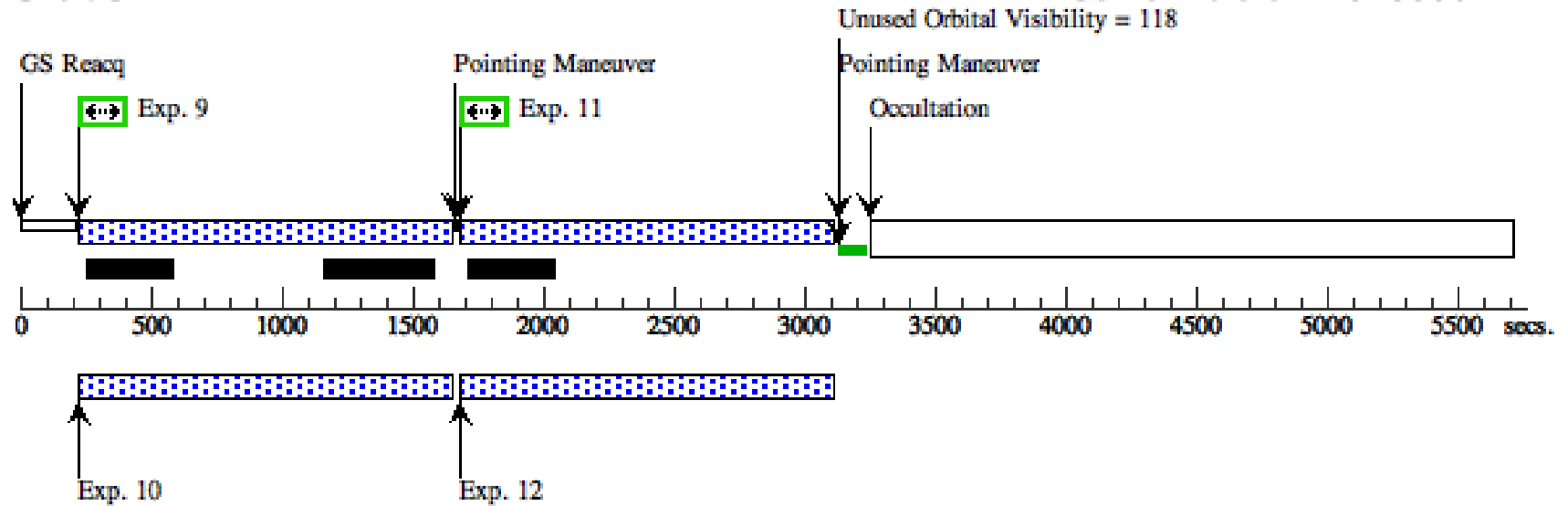
Proposal 14038 - Visit B2 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|--------------------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B2 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B2 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.34373 134,5.99954662 | Sequence 9-12 Non-Int in Visit B2 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B2 | 1285 Secs (1285 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B2 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B2 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.99241 7276,5.663618893 | Sequence 13-16 Non-Int in Visit B2 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B2 | 1285 Secs (1285 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B2 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B2 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.70391 8321,5.942246453 | Sequence 13-16 Non-Int in Visit B2 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B2 | 1285 Secs (1285 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B2 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B2 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |



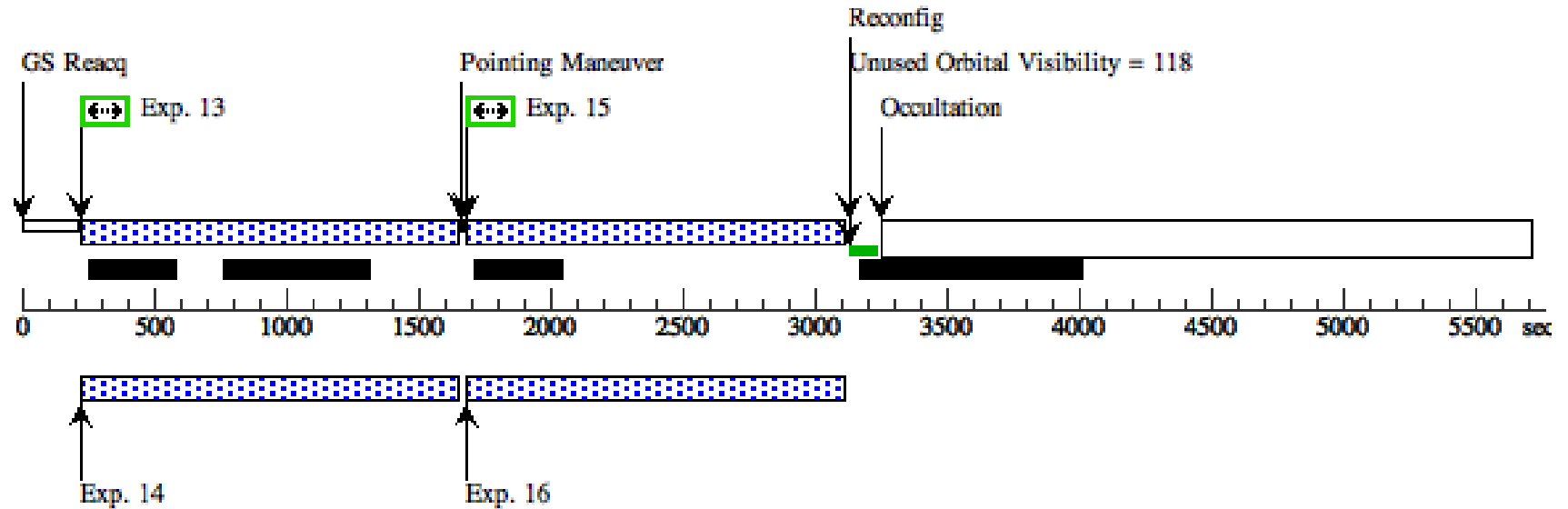
Orbit 3

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Orbit 4

Server Version: 20160601



Proposal 14038 - Visit B3 - HST Frontier Fields - Observations of Abell 370

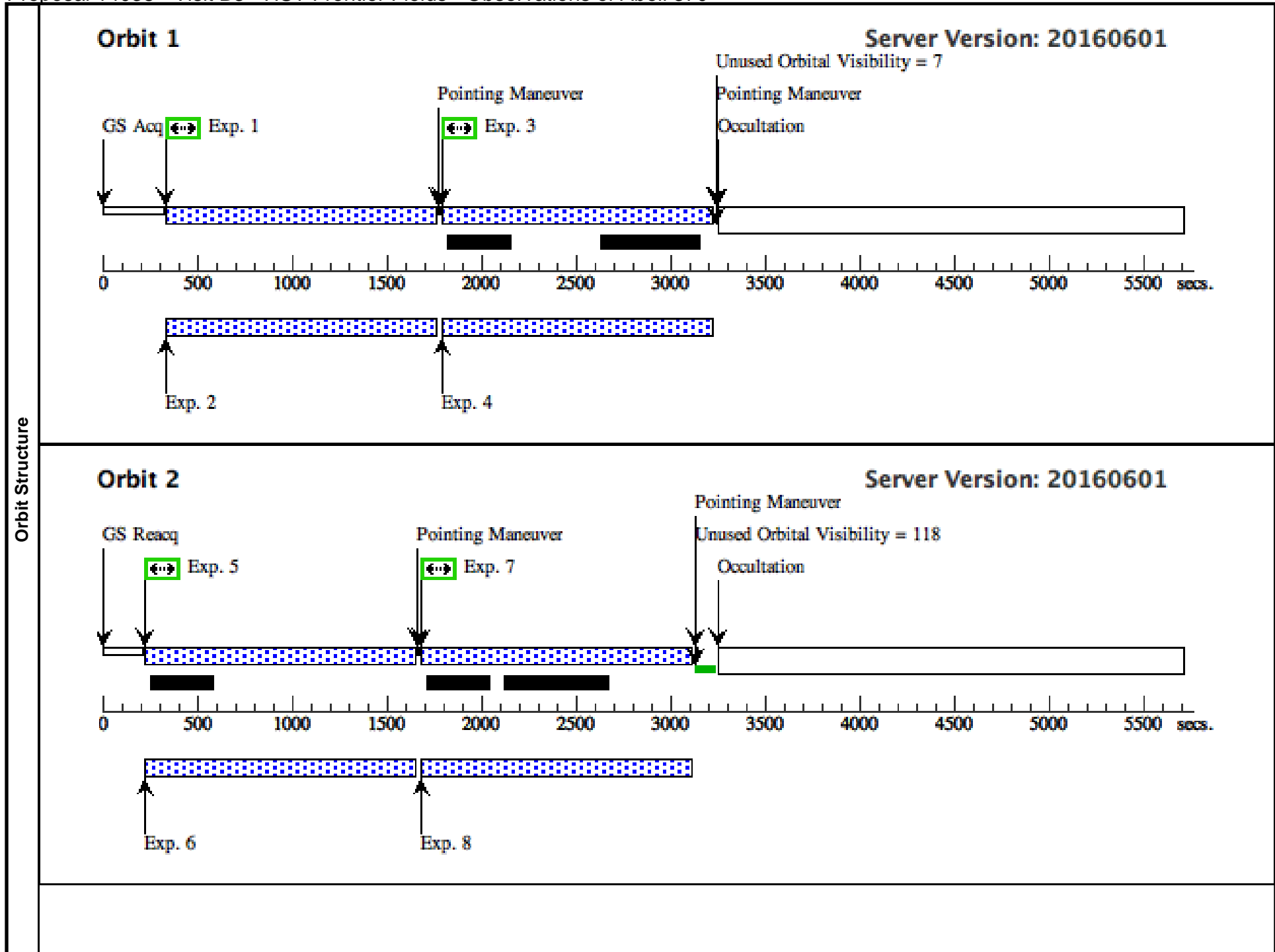
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|--------------|--|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit B3, failed Wed Sep 07 20:55:04 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit B3 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|---------------------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.48106 8455,10.921085315 | Sequence 1-4 Non-Int in Visit B3 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B3 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B3 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B3 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.49581 9656,10.791438108 | Sequence 1-4 Non-Int in Visit B3 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B3 | 1285 Secs (1285 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B3 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B3 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.84125 5436,10.863785148 | Sequence 5-8 Non-Int in Visit B3 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B3 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B3 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B3 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.85595 3826,10.735551168 | Sequence 5-8 Non-Int in Visit B3 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B3 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B3 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B3 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.61975 0025,6.263182075 | Sequence 9-12 Non-Int in Visit B3 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B3 | 1285 Secs (1285 Secs) [==>] | [3] |

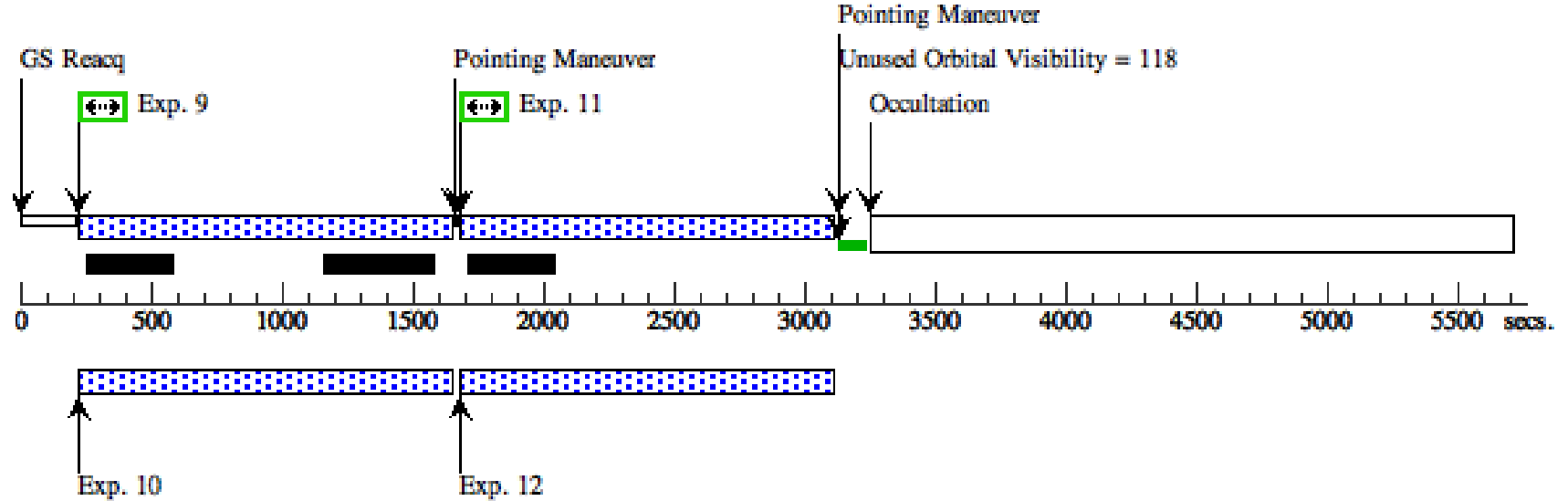
Proposal 14038 - Visit B3 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|--------------------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B3 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B3 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.63444 8415,6.134948095 | Sequence 9-12 Non-Int in Visit B3 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B3 | 1285 Secs (1285 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B3 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B3 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.97993 7006,6.205881908 | Sequence 13-16 Non-Int in Visit B3 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B3 | 1285 Secs (1285 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B3 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B3 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.99463 5396,6.077647928 | Sequence 13-16 Non-Int in Visit B3 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B3 | 1285 Secs (1285 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B3 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B3 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |



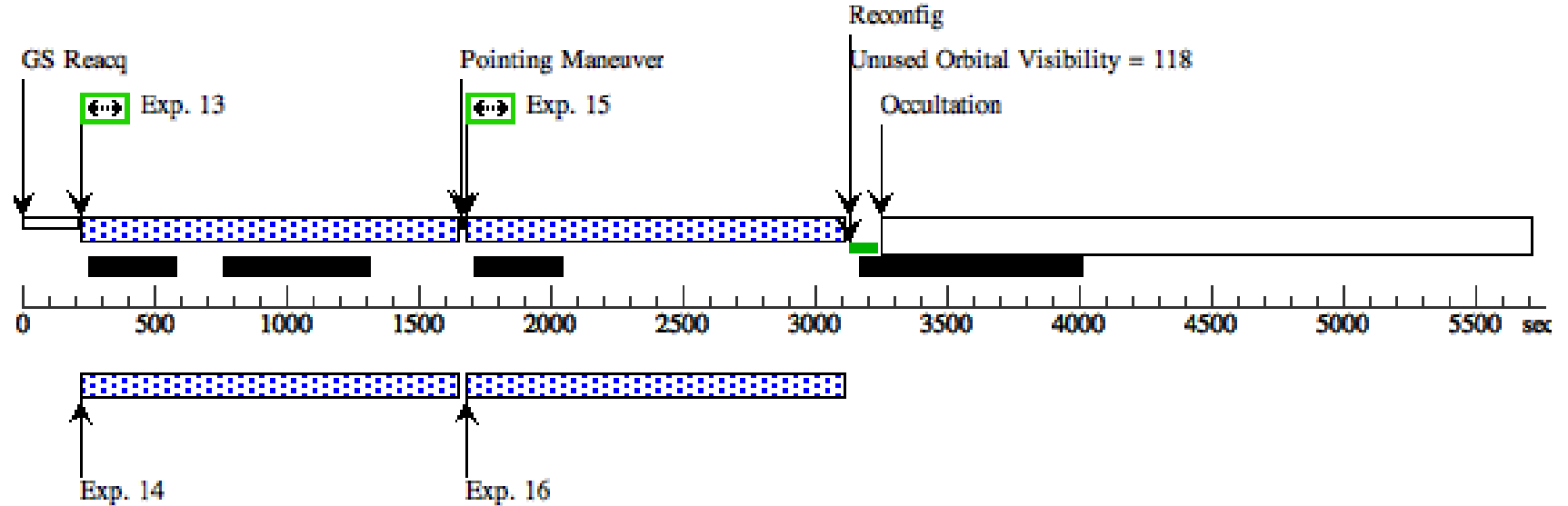
Orbit 3

Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit R3 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:04 GMT 2016

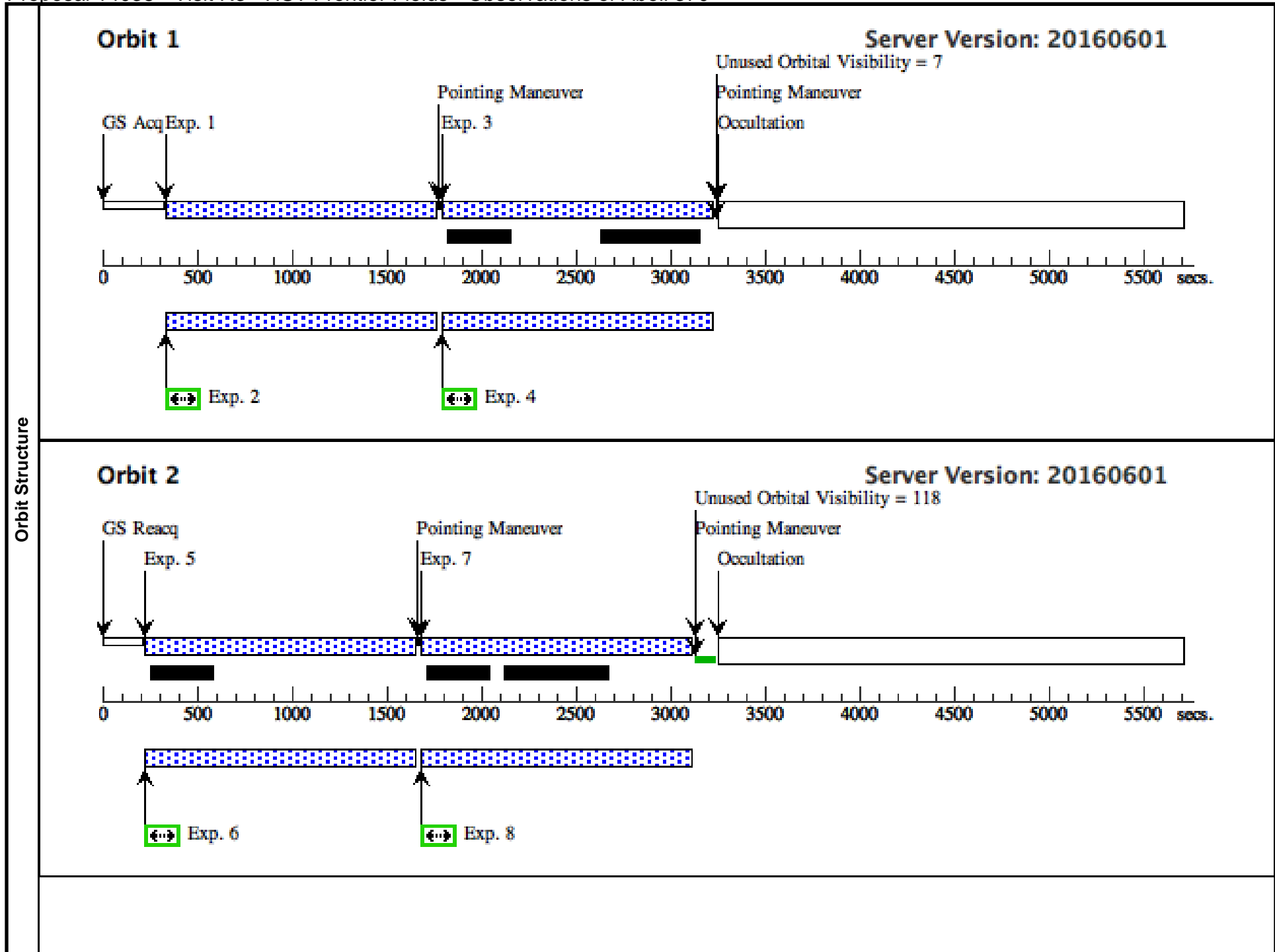
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|--------------|--|------------------|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit R3, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: VISIBILITY INTERVAL 3250 S Comments: Repeat of compromised visit B3; Please obtain as close to ORI=73 as possible | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |

Proposal 14038 - Visit R3 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|----------------------------|---|---|-------|
| Exposures | 1 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 2.202,1. 605 | Sequence 1-4 Non-Int in Visit R3 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit R3 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 2 | ANY | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 1-4 Non-Int in Visit R3 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit R3 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 3 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 2.118,1. 507 | Sequence 1-4 Non-Int in Visit R3 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit R3 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 4 | ANY | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 1-4 Non-Int in Visit R3 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit R3 | 1285 Secs (1285 Secs) [==>] | [1] |
| | 5 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.795,2. 210 | Sequence 5-8 Non-Int in Visit R3 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit R3 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 6 | ANY | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 5-8 Non-Int in Visit R3 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit R3 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 7 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG 1.71,2.1 11 | Sequence 5-8 Non-Int in Visit R3 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit R3 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 8 | ANY | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 5-8 Non-Int in Visit R3 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit R3 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 9 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.525,- 1.060 | Sequence 9-12 Non-Int in Visit R3 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit R3 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |

Proposal 14038 - Visit R3 - HST Frontier Fields - Observations of Abell 370

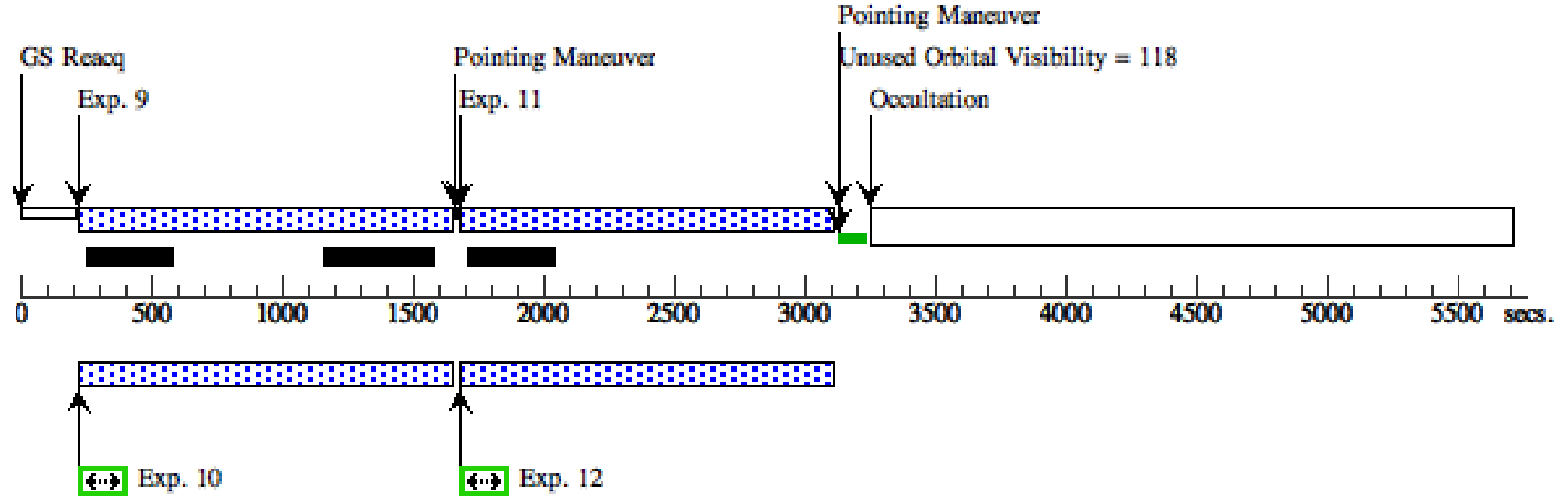
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|----|--------------------------|-----------------------------|-------|------------------------------------|----------------------------|--|---|-----|
| 10 | ANY | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 9-12 Non-Int in Visit R3 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit R3 | 1285 Secs (1285 Secs) [==>] | [3] |
| 11 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.609,- 1.158 | Sequence 9-12 Non-Int in Visit R3 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit R3 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 12 | ANY | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 9-12 Non-Int in Visit R3 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit R3 | 1285 Secs (1285 Secs) [==>] | [3] |
| 13 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.118,- 1.665 | Sequence 13-16 Non-Int in Visit R3 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit R3 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 14 | ANY | ACS/WFC, ACCUM, WFCENTER | F814W | | | Sequence 13-16 Non-Int in Visit R3 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit R3 | 1285 Secs (1285 Secs) [==>] | [4] |
| 15 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | POS TARG -1.202,- 1.763 | Sequence 13-16 Non-Int in Visit R3 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit R3 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 16 | ANY | ACS/WFC, ACCUM, WFCENTER | F435W | | | Sequence 13-16 Non-Int in Visit R3 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit R3 | 1285 Secs (1285 Secs) [==>] | [4] |



Orbit Structure

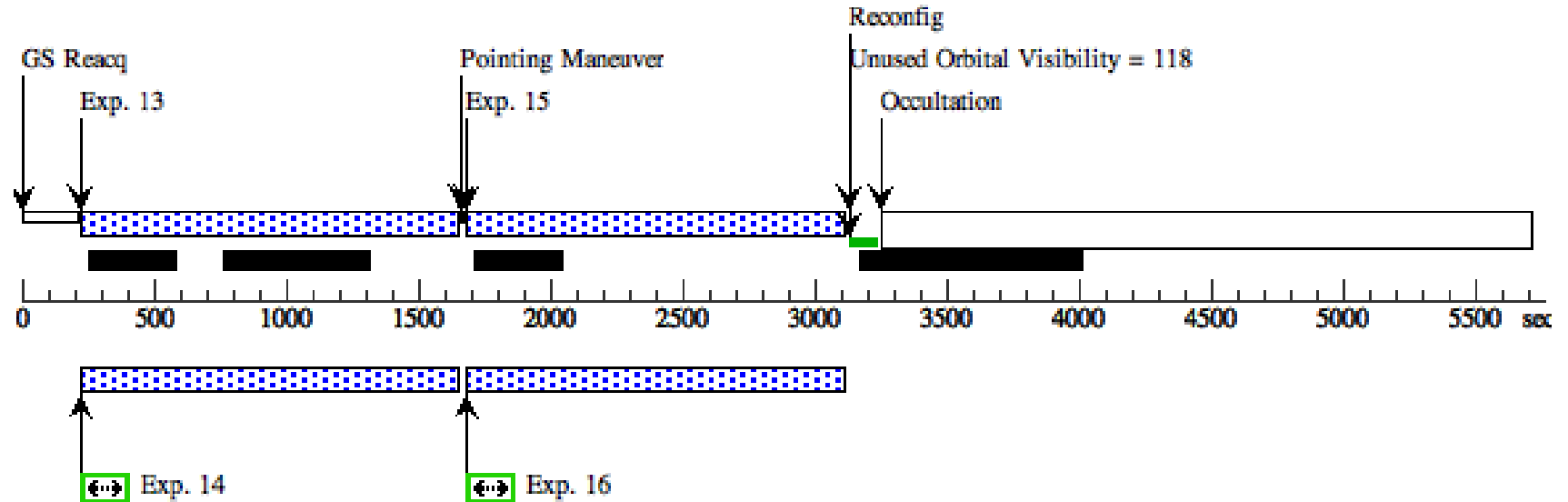
Orbit 3

Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit B4 - HST Frontier Fields - Observations of Abell 370

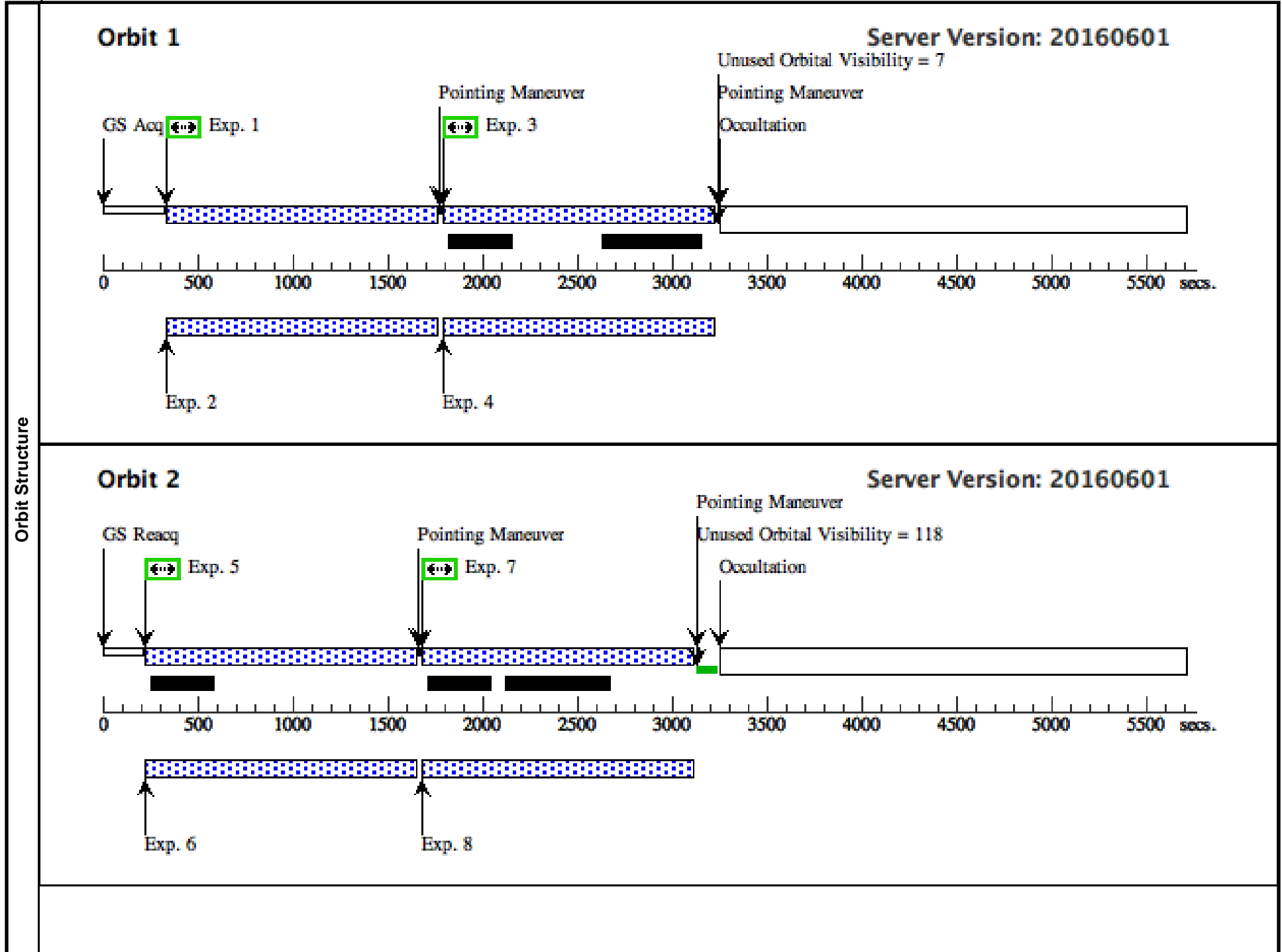
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|--------------|---|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit B4, completed Wed Sep 07 20:55:04 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit B4 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|---------------------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 1.10266 8567,10.344268931 | Sequence 1-4 Non-Int in Visit B4 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B4 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B4 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B4 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 1.10081 8051,10.242305343 | Sequence 1-4 Non-Int in Visit B4 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B4 | 1285 Secs (1285 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B4 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B4 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.74248 1586,10.401569098 | Sequence 5-8 Non-Int in Visit B4 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B4 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B4 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B4 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.74063 107,10.29960551 | Sequence 5-8 Non-Int in Visit B4 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B4 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B4 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B4 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.88116 3156,5.743665858 | Sequence 9-12 Non-Int in Visit B4 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B4 | 1285 Secs (1285 Secs) [==>] | [3] |

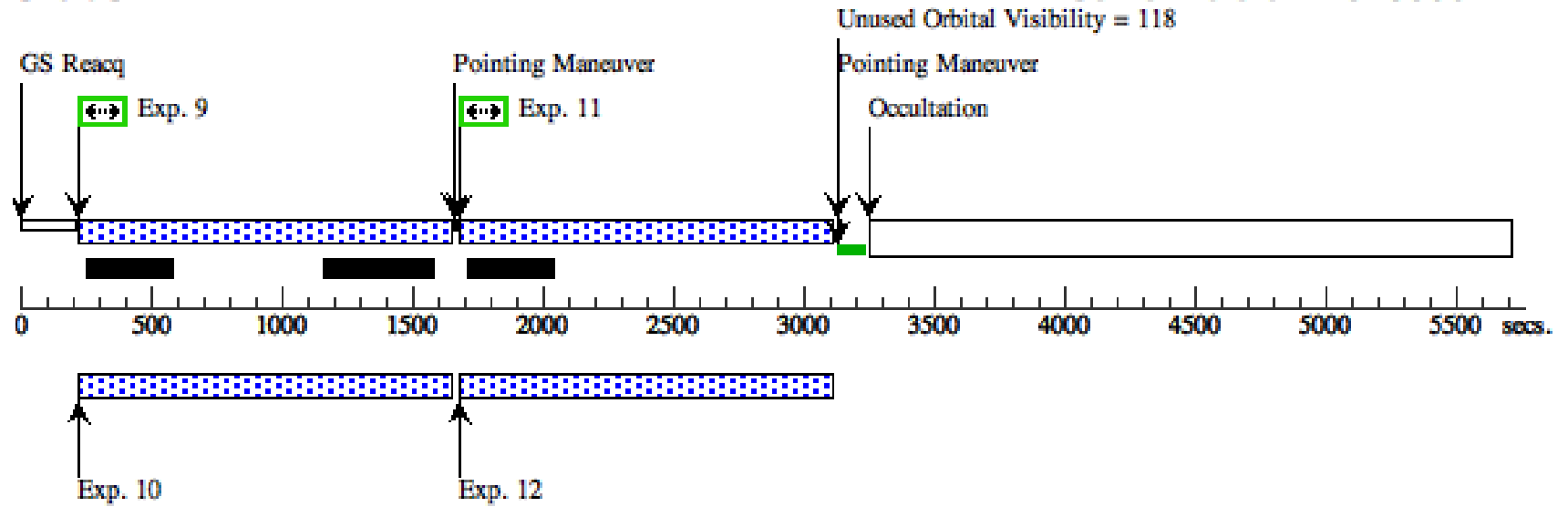
Proposal 14038 - Visit B4 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|--------------------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B4 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B4 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.87931 264,5.64170227 | Sequence 9-12 Non-Int in Visit B4 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B4 | 1285 Secs (1285 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B4 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B4 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 1.24135 0137,5.686365691 | Sequence 13-16 Non-Int in Visit B4 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B4 | 1285 Secs (1285 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B4 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B4 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 1.23949 9621,5.584402103 | Sequence 13-16 Non-Int in Visit B4 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B4 | 1285 Secs (1285 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B4 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B4 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |



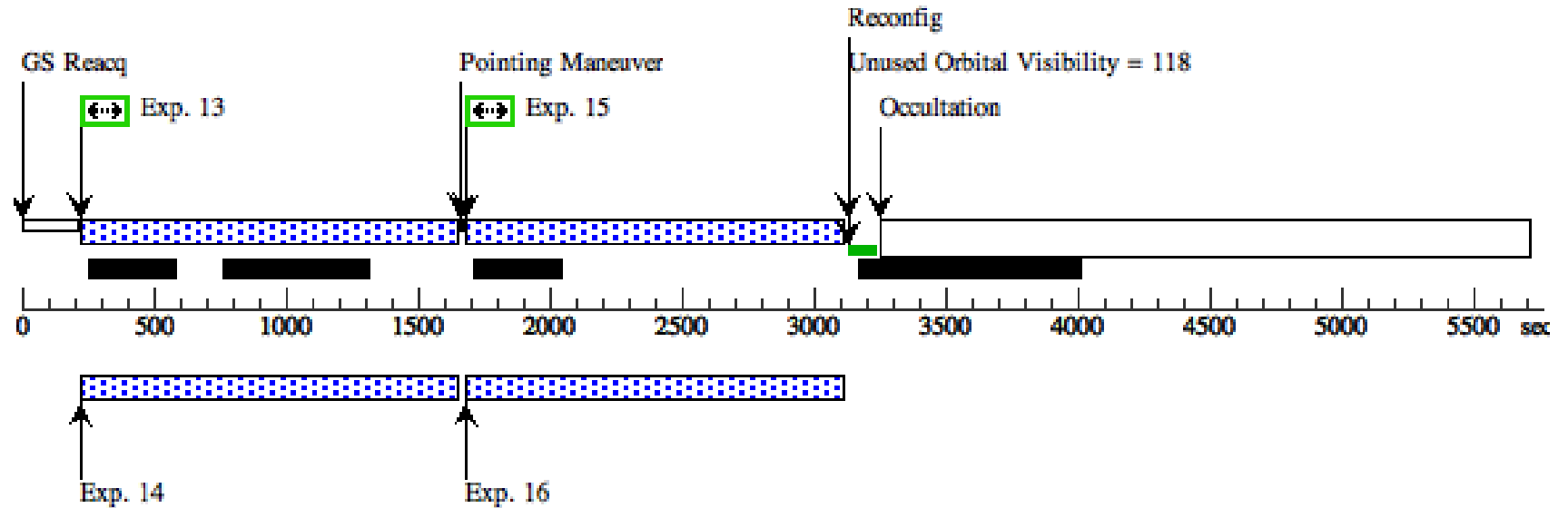
Orbit 3

Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit B5 - HST Frontier Fields - Observations of Abell 370

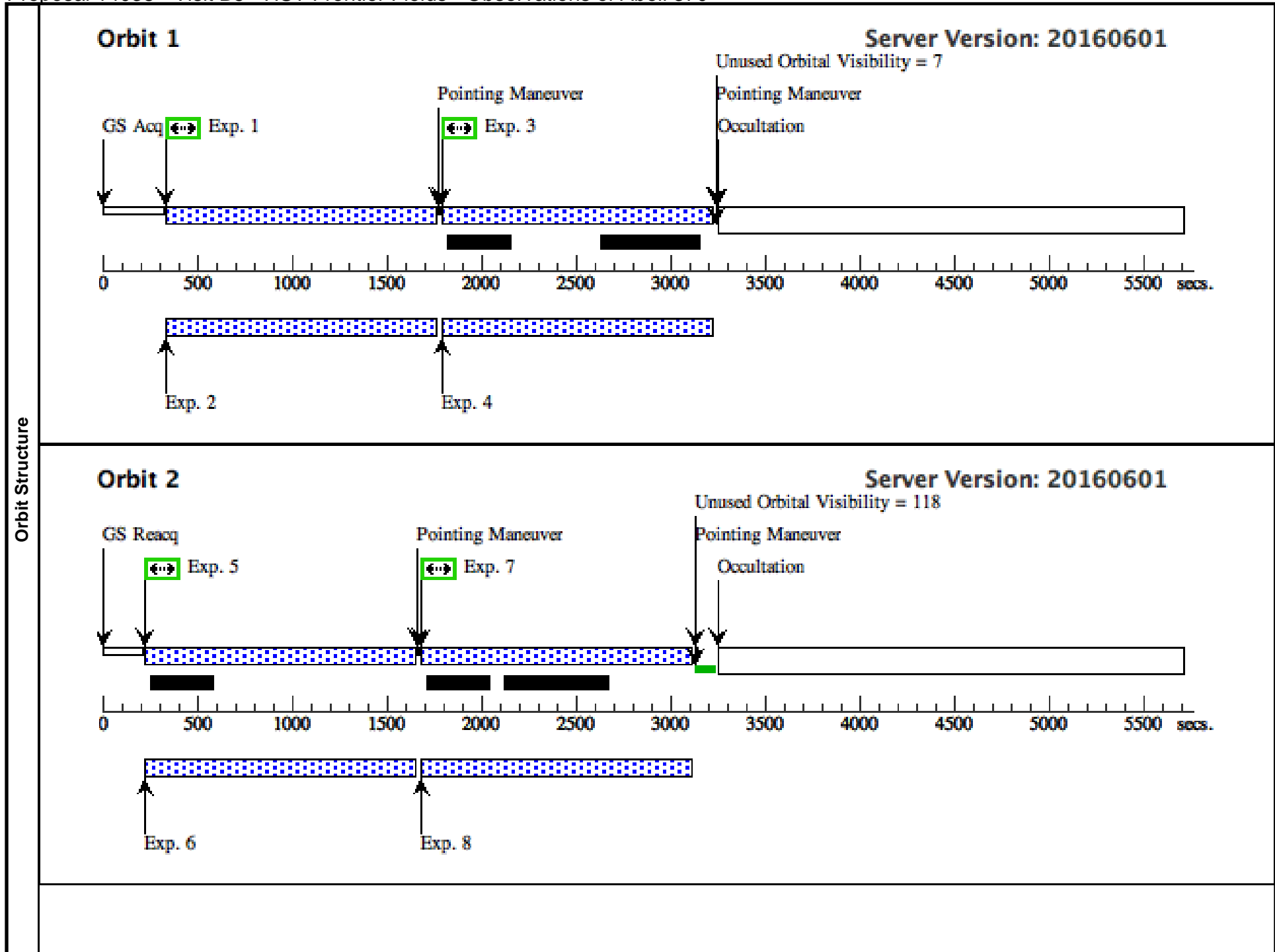
| | | | | | | |
|--------------|---|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit B5, completed Wed Sep 07 20:55:04 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit B5 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|---------------------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.56041 8222,10.293578721 | Sequence 1-4 Non-Int in Visit B5 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B5 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B5 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B5 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.19770 0517,10.248182281 | Sequence 1-4 Non-Int in Visit B5 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B5 | 1285 Secs (1285 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B5 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B5 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.19955 1033,10.350145869 | Sequence 5-8 Non-Int in Visit B5 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B5 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B5 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B5 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.55788 7498,10.190882114 | Sequence 5-8 Non-Int in Visit B5 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B5 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B5 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B5 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.33823 2603,5.692242629 | Sequence 9-12 Non-Int in Visit B5 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B5 | 1285 Secs (1285 Secs) [==>] | [3] |

Proposal 14038 - Visit B5 - HST Frontier Fields - Observations of Abell 370

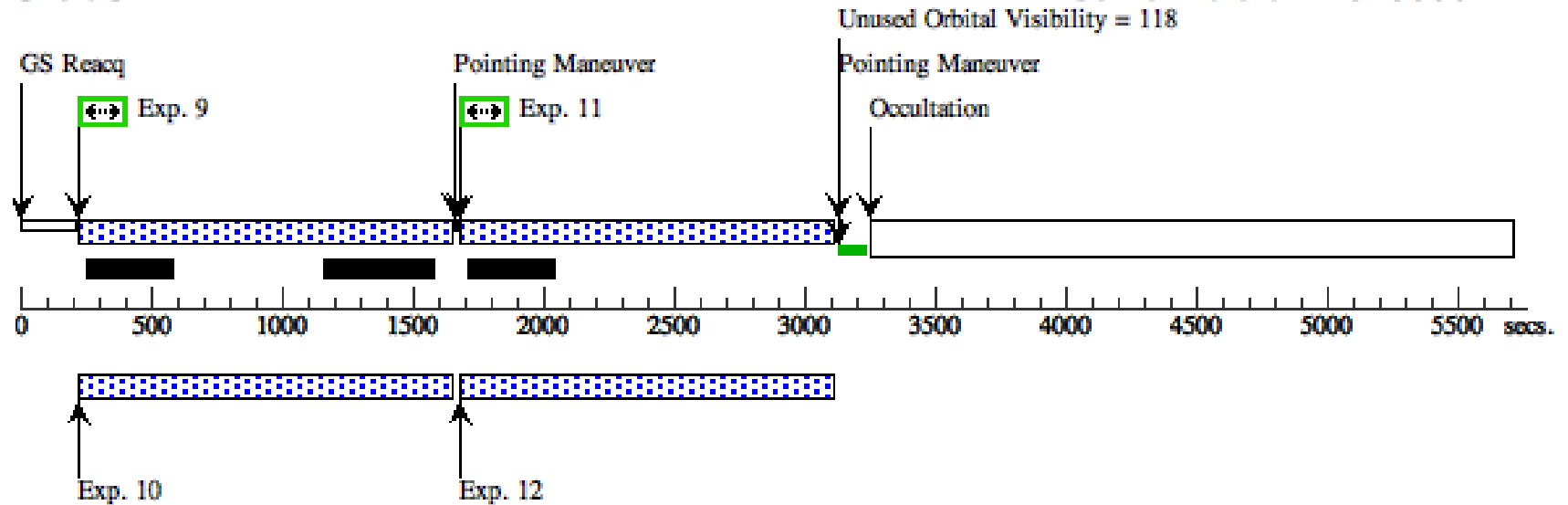
| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|--------------------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B5 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B5 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.33638 2087,5.590279041 | Sequence 9-12 Non-Int in Visit B5 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B5 | 1285 Secs (1285 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B5 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B5 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.69836 6773,5.636355689 | Sequence 13-16 Non-Int in Visit B5 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B5 | 1285 Secs (1285 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B5 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B5 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.69724 9276,5.533711893 | Sequence 13-16 Non-Int in Visit B5 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B5 | 1285 Secs (1285 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B5 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B5 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |



Orbit Structure

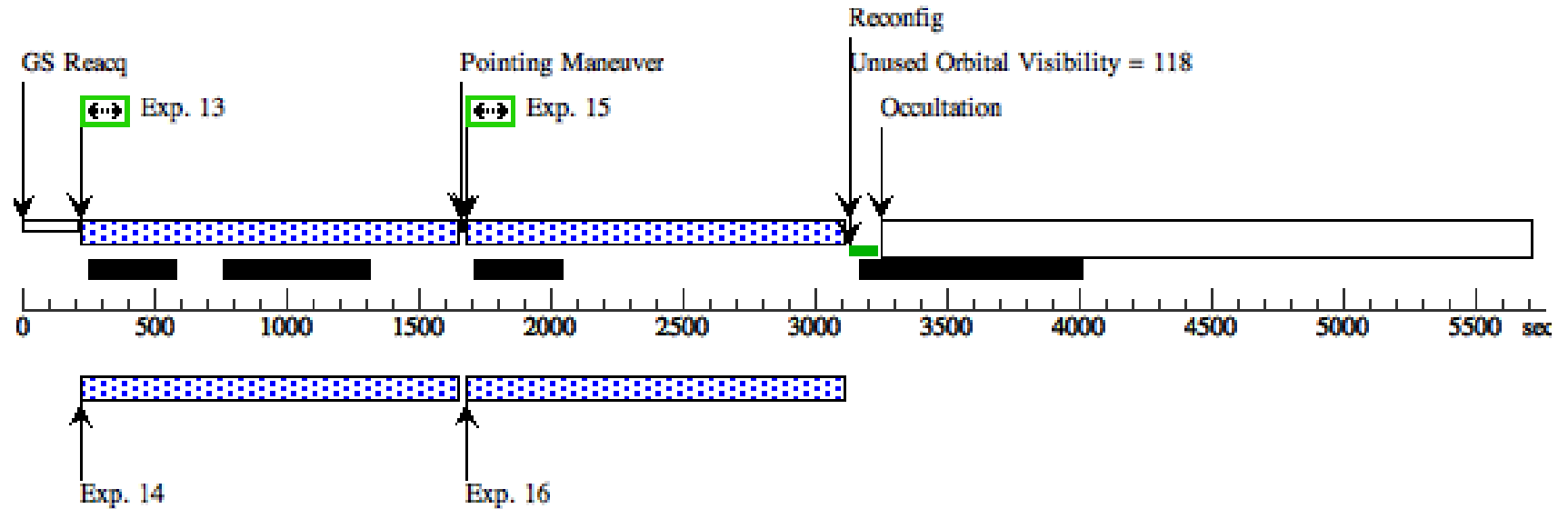
Orbit 3

Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit B6 - HST Frontier Fields - Observations of Abell 370

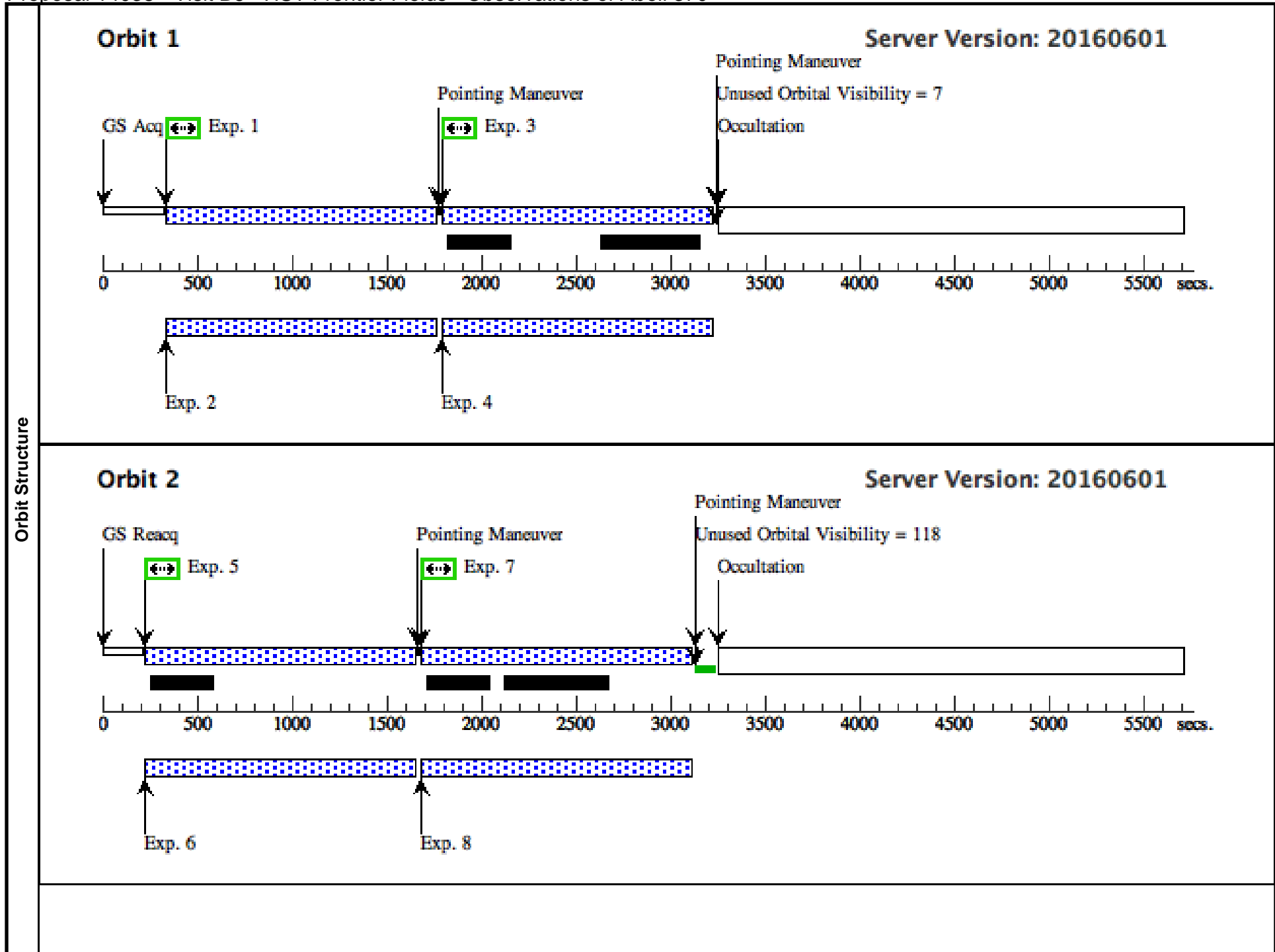
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|--------------|---|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit B6, completed Wed Sep 07 20:55:04 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit B6 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|---------------------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.40063 6954,10.233122622 | Sequence 1-4 Non-Int in Visit B6 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B6 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B6 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B6 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.34801 5888,10.126431384 | Sequence 1-4 Non-Int in Visit B6 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B6 | 1285 Secs (1285 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B6 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B6 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.76082 3935,10.175822455 | Sequence 5-8 Non-Int in Visit B6 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B6 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B6 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B6 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.70820 2869,10.069131217 | Sequence 5-8 Non-Int in Visit B6 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B6 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B6 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B6 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.53931 8524,5.575219382 | Sequence 9-12 Non-Int in Visit B6 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B6 | 1285 Secs (1285 Secs) [==>] | [3] |

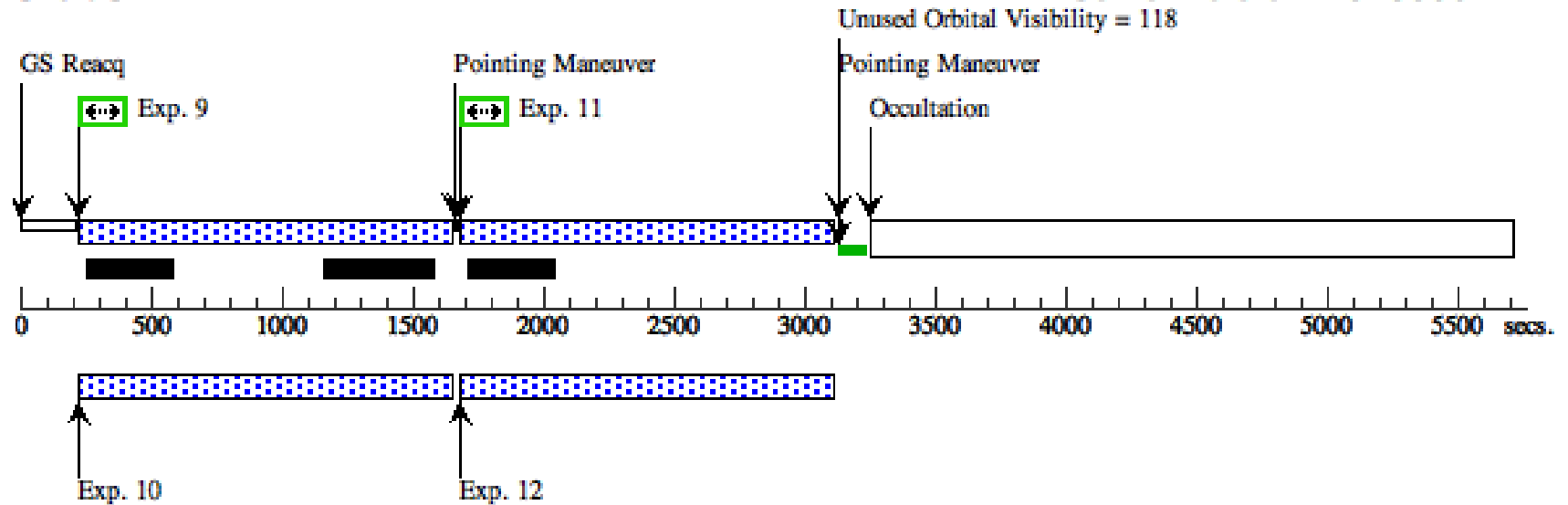
Proposal 14038 - Visit B6 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|--------------------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B6 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B6 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.48669 7458,5.468528144 | Sequence 9-12 Non-Int in Visit B6 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B6 | 1285 Secs (1285 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B6 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B6 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.89945 2694,5.519332442 | Sequence 13-16 Non-Int in Visit B6 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B6 | 1285 Secs (1285 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B6 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B6 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.84688 4439,5.411227977 | Sequence 13-16 Non-Int in Visit B6 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B6 | 1285 Secs (1285 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B6 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B6 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |



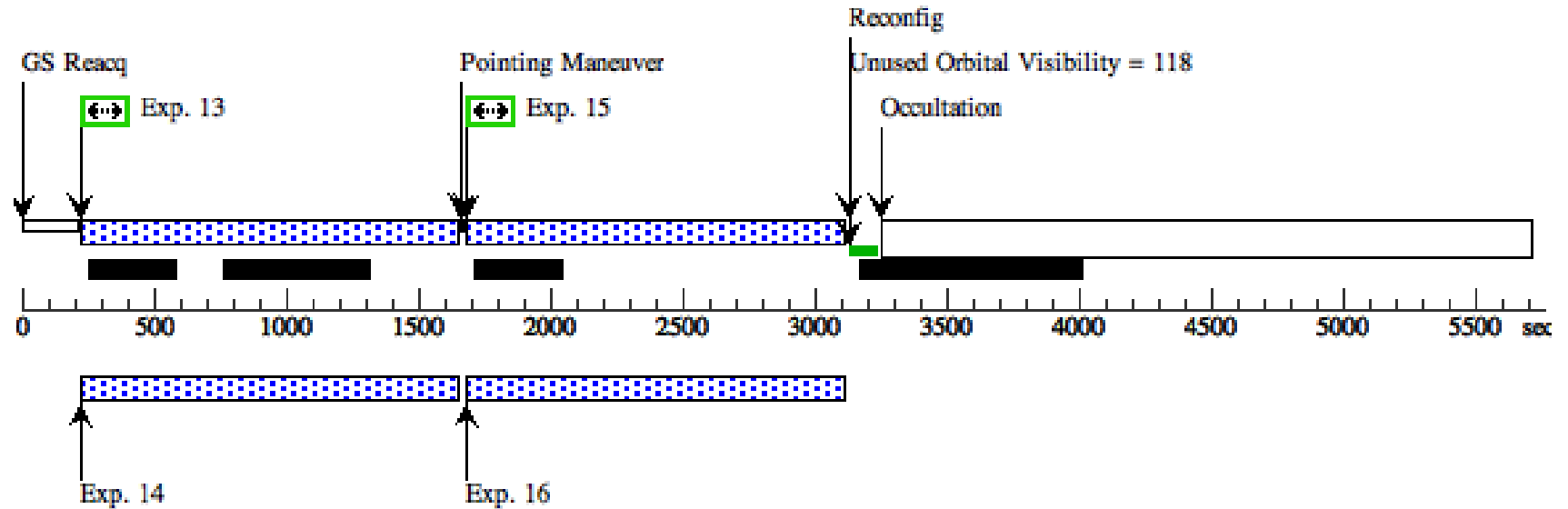
Orbit 3

Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit B7 - HST Frontier Fields - Observations of Abell 370

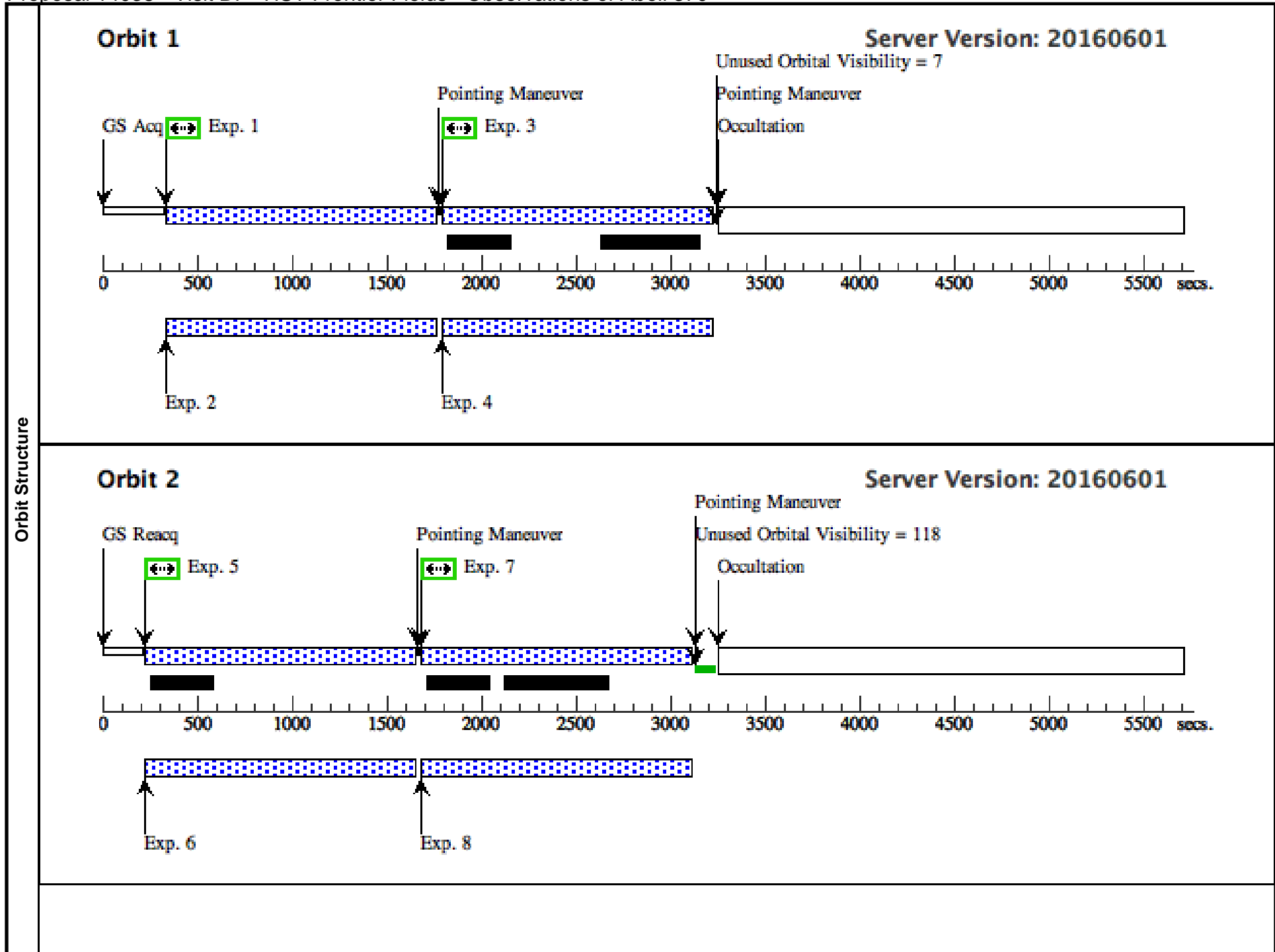
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|--------------|---|--|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit B7, completed Wed Sep 07 20:55:04 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS | |

Proposal 14038 - Visit B7 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|---------------------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.79357 3264,10.700670452 | Sequence 1-4 Non-Int in Visit B7 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B7 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B7 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B7 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.71828 142,10.613652435 | Sequence 1-4 Non-Int in Visit B7 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B7 | 1285 Secs (1285 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B7 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B7 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.43338 6283,10.757970619 | Sequence 5-8 Non-Int in Visit B7 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B7 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B7 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B7 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.35809 4439,10.670952602 | Sequence 5-8 Non-Int in Visit B7 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B7 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B7 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B7 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.57206 7853,6.100067379 | Sequence 9-12 Non-Int in Visit B7 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B7 | 1285 Secs (1285 Secs) [==>] | [3] |

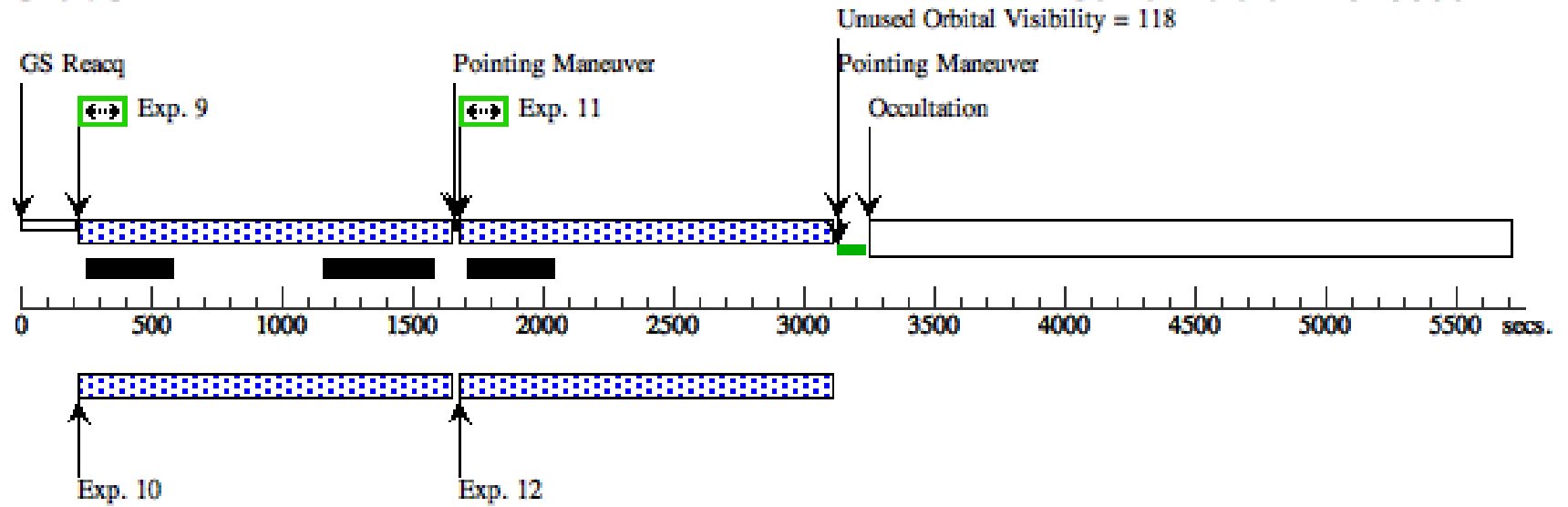
Proposal 14038 - Visit B7 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|--------------------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B7 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B7 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.49604 299,6.01372957 | Sequence 9-12 Non-Int in Visit B7 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B7 | 1285 Secs (1285 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B7 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B7 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.93152 1815,6.04344742 | Sequence 13-16 Non-Int in Visit B7 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B7 | 1285 Secs (1285 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B7 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B7 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.85691 0179,5.957162422 | Sequence 13-16 Non-Int in Visit B7 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B7 | 1285 Secs (1285 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B7 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B7 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |



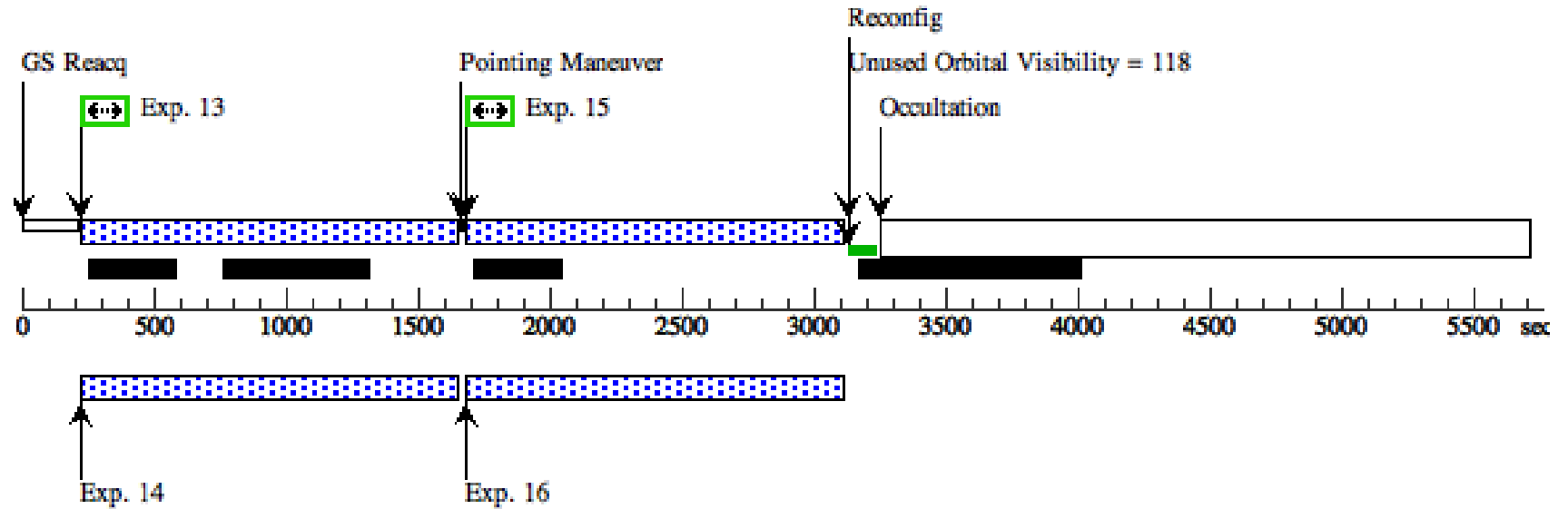
Orbit 3

Server Version: 20160601



Orbit 4

Server Version: 20160601



Proposal 14038 - Visit B8 - HST Frontier Fields - Observations of Abell 370

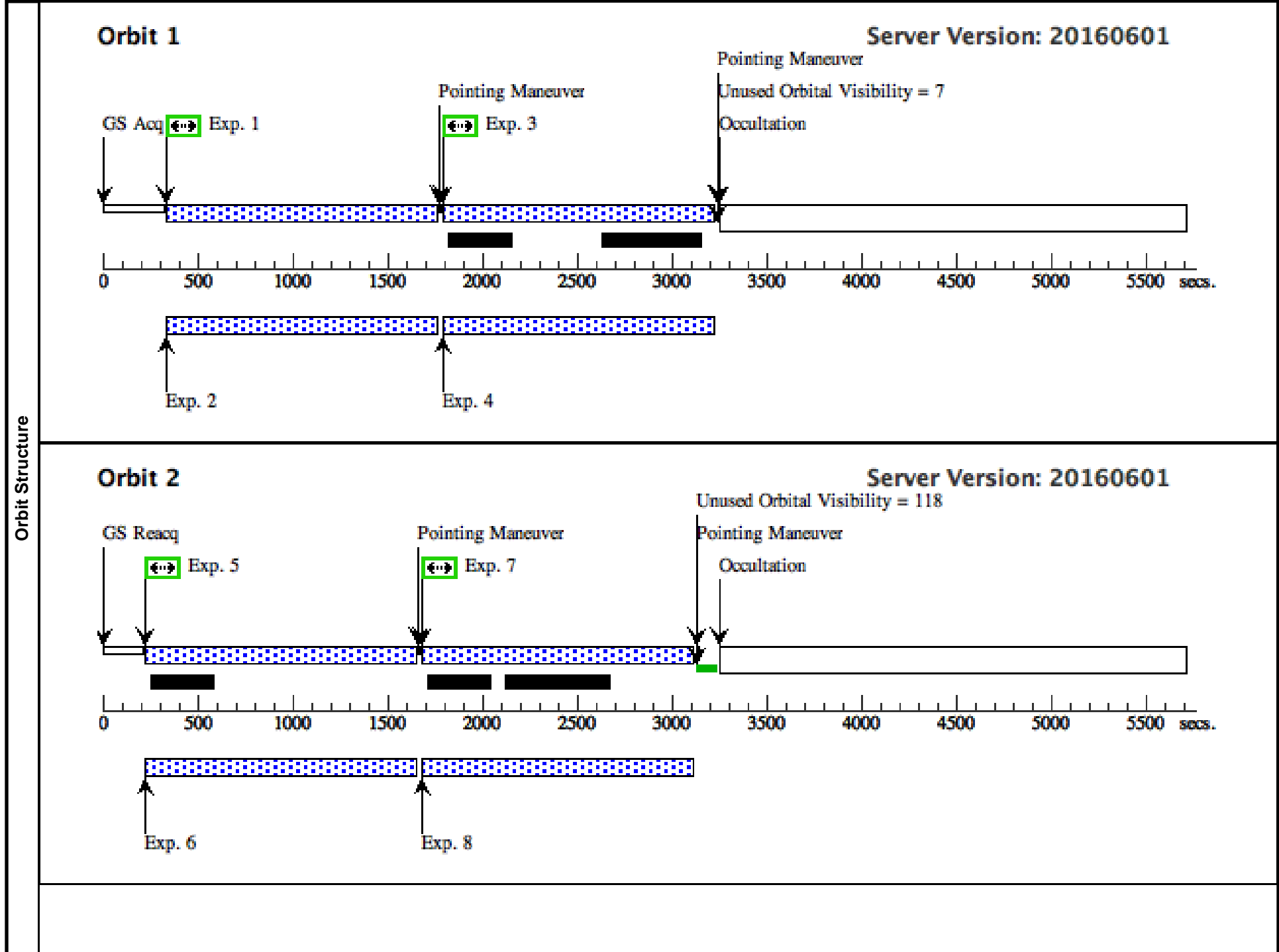
| | | | | | | |
|--------------|---|------------------|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit B8, completed Wed Sep 07 20:55:04 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| | (2) | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |

Proposal 14038 - Visit B8 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|---------------------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 1.28530 0182,10.474923751 | Sequence 1-4 Non-Int in Visit B8 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B8 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B8 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B8 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.89567 2018,10.449042099 | Sequence 1-4 Non-Int in Visit B8 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B8 | 1285 Secs (1285 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B8 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B8 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.92584 622,10.53154371 | Sequence 5-8 Non-Int in Visit B8 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B8 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B8 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B8 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 1.25580 6188,10.393155159 | Sequence 5-8 Non-Int in Visit B8 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B8 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B8 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B8 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 1.06379 4771,5.874320678 | Sequence 9-12 Non-Int in Visit B8 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B8 | 1285 Secs (1285 Secs) [==>] | [3] |

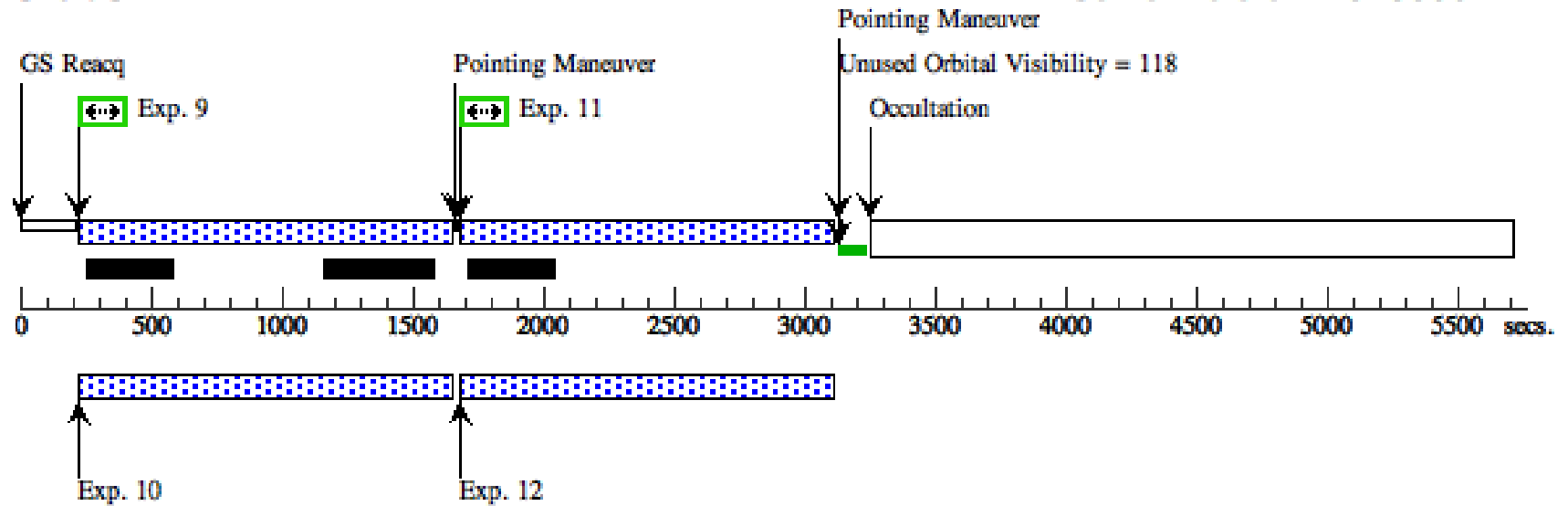
Proposal 14038 - Visit B8 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|--------------------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B8 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B8 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 1.03430 0777,5.792552086 | Sequence 9-12 Non-Int in Visit B8 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B8 | 1285 Secs (1285 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B8 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B8 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 1.42398 1752,5.817020511 | Sequence 13-16 Non-Int in Visit B8 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B8 | 1285 Secs (1285 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B8 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B8 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 1.39448 7758,5.735251919 | Sequence 13-16 Non-Int in Visit B8 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B8 | 1285 Secs (1285 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B8 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B8 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |



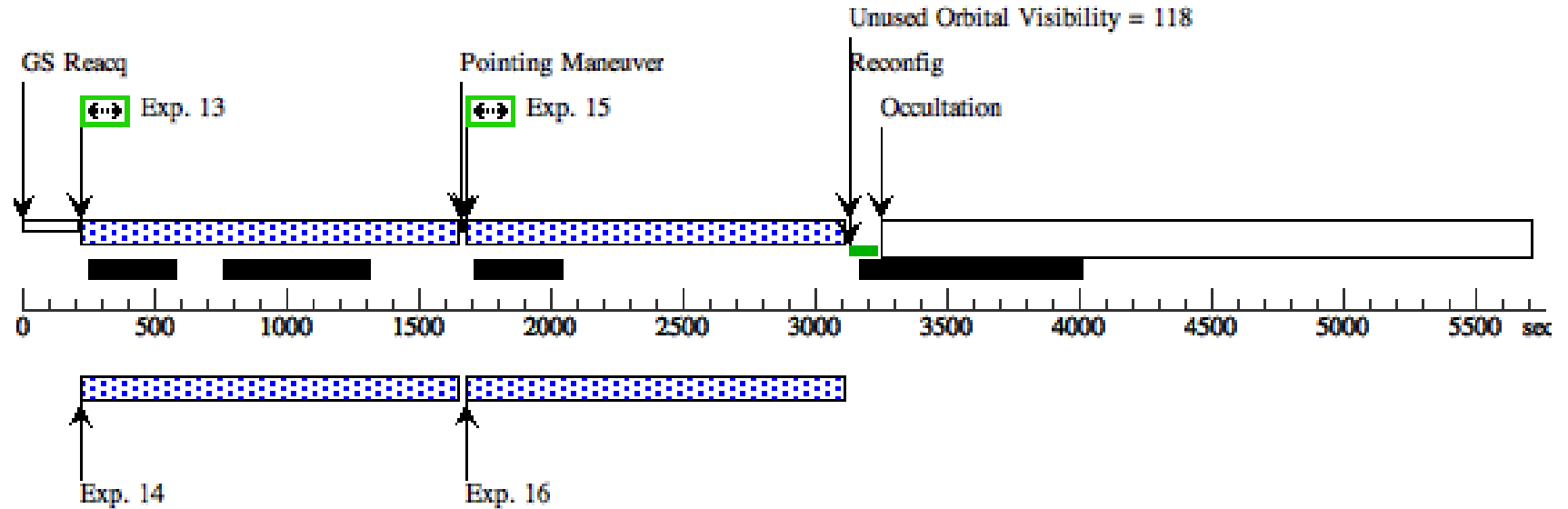
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Proposal 14038 - Visit B9 - HST Frontier Fields - Observations of Abell 370

Wed Sep 07 20:55:05 GMT 2016

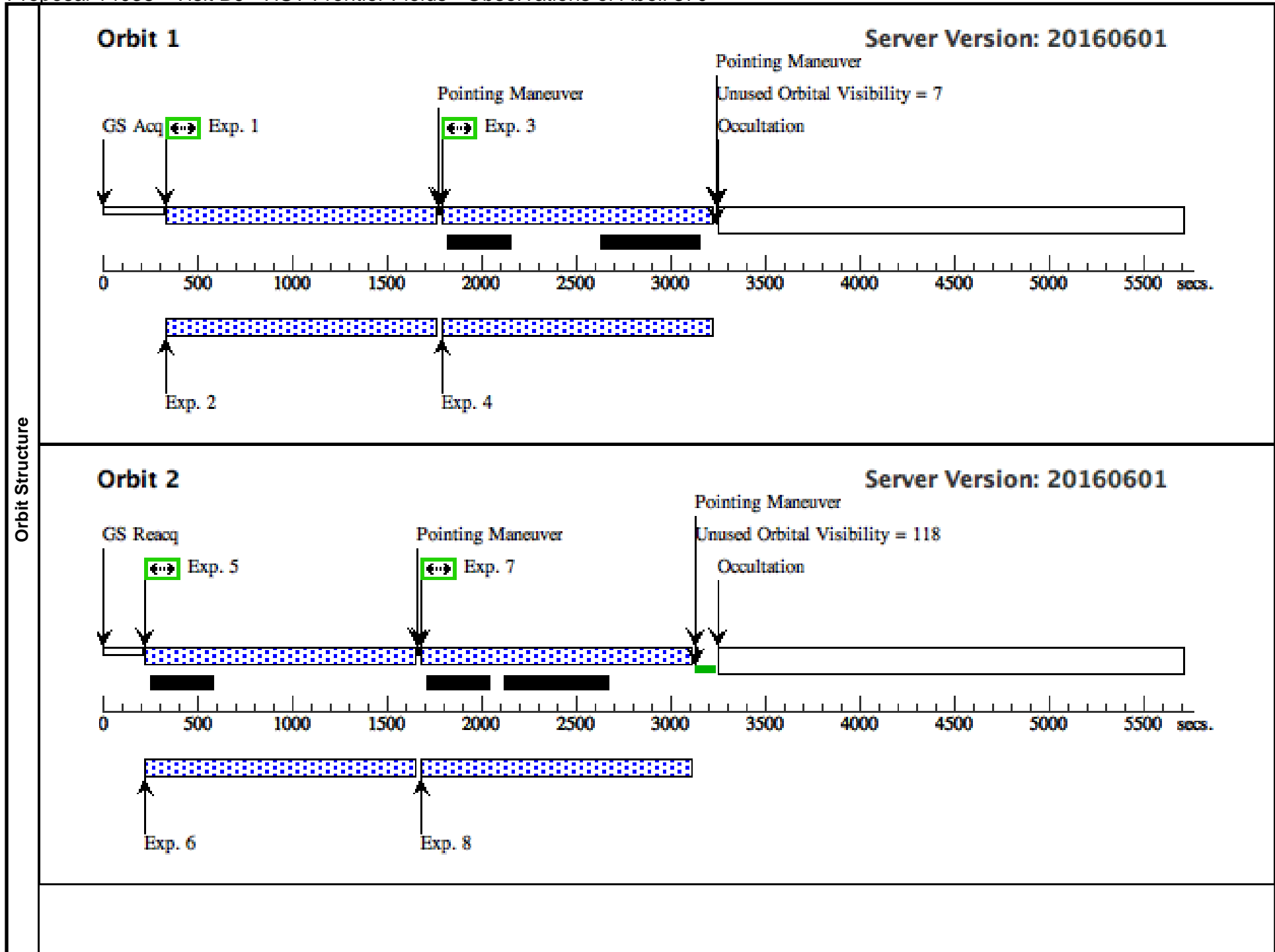
| | | | | | | |
|--------------|---|------------------|--|---------------------------|---------------------------------|-----------------------|
| Visit | Proposal 14038, Visit B9, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 073D TO 073 D; BETWEEN 01-DEC-2015:00:00:00 AND 01-MAR-2016:00:00:00; VISIBILITY INTERVAL 3250 S | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | ABELL-370 | RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |
| (2) | | ABELL-370-HFFPAR | RA: 02 40 13.5100 (40.0562917d) Dec: -01 37 34.00 (-1.62611d) Equinox: J2000 | | V=27 | Reference Frame: ICRS |

Proposal 14038 - Visit B9 - HST Frontier Fields - Observations of Abell 370

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|--------------------------|-----------------------------|---------------|------------------------------------|---------------------------------------|---|---|-------|
| Exposures | 1 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.62556 3961,10.197656723 | Sequence 1-4 Non-Int in Visit B9 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B9 | 1225 Secs (1225 Secs) [==>] | [1] |
| | 2 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B9 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B9 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 3 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.46919 2199,10.273187282 | Sequence 1-4 Non-Int in Visit B9 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B9 | 1285 Secs (1285 Secs) [==>] | [1] |
| | 4 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 1-4 Non-Int in Visit B9 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B9 | 1402.936813 Secs (1402.937 Secs) [==>] | [1] |
| | 5 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.26537 698,10.25495689 | Sequence 5-8 Non-Int in Visit B9 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B9 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 6 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B9 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B9 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 7 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.82932 6369,10.217300342 | Sequence 5-8 Non-Int in Visit B9 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B9 | 1285 Secs (1285 Secs) [==>] | [2] |
| | 8 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 5-8 Non-Int in Visit B9 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B9 | 1402.936813 Secs (1402.937 Secs) [==>] | [2] |
| | 9 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.40405 855,5.59705365 | Sequence 9-12 Non-Int in Visit B9 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B9 | 1285 Secs (1285 Secs) [==>] | [3] |

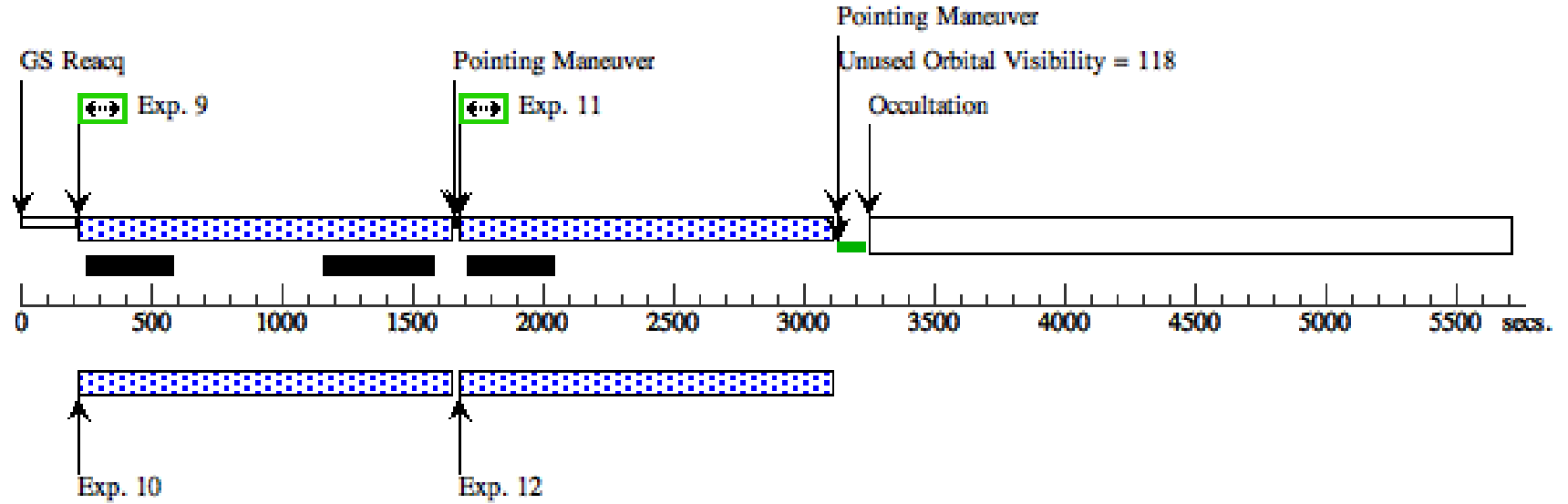
Proposal 14038 - Visit B9 - HST Frontier Fields - Observations of Abell 370

| | | | | | | | | |
|----|--------------------------|-----------------------------|-------|------------------------------------|--------------------------------------|--|---|-----|
| 10 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B9 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B9 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 11 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.60782 0958,5.616697269 | Sequence 9-12 Non-Int in Visit B9 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B9 | 1285 Secs (1285 Secs) [==>] | [3] |
| 12 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 9-12 Non-Int in Visit B9 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B9 | 1402.936813 Secs (1402.937 Secs) [==>] | [3] |
| 13 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F814W | | POS TARG 0.76424 5531,5.539753483 | Sequence 13-16 Non-Int in Visit B9 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B9 | 1285 Secs (1285 Secs) [==>] | [4] |
| 14 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F160W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B9 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B9 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |
| 15 | (1) ABELL-370 | ACS/WFC, ACCUM, WFCENTER | F435W | | POS TARG 0.96800 7939,5.559397102 | Sequence 13-16 Non-Int in Visit B9 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B9 | 1285 Secs (1285 Secs) [==>] | [4] |
| 16 | (2) ABELL-370-HF FPAR | WFC3/IR, MULTIACCUM, IR-FIX | F105W | NSAMP=15; SAMP-SEQ=SPAR S100 | | Sequence 13-16 Non-Int in Visit B9 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B9 | 1402.936813 Secs (1402.937 Secs) [==>] | [4] |



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