



11630 - Monitoring Active Atmospheres on Uranus and Neptune

Cycle: 17, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

INVESTIGATORS

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

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 01 | (1) URANUS-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:40:54.0 | yes |
| 02 | (2) URANUS-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:40:59.0 | yes |
| 03 | (3) URANUS-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:41:03.0 | yes |
| 04 | (4) NEPTUNE-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:41:07.0 | yes |
| 05 | (5) NEPTUNE-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:41:11.0 | yes |
| 06 | (6) NEPTUNE-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:41:15.0 | yes |
| 07 | (1) URANUS-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:41:19.0 | yes |
| 08 | (2) URANUS-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:41:22.0 | yes |
| 09 | (3) URANUS-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:41:26.0 | yes |

Proposal 11630 (STScI Edit Number: 2, Created: Wednesday, October 28, 2009 8:44:22 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> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 10 | (4) NEPTUNE-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:41:30.0 | yes |
| 11 | (5) NEPTUNE-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:41:34.0 | yes |
| 12 | (6) NEPTUNE-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:41:38.0 | yes |
| 13 | (1) URANUS-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:41:44.0 | yes |
| 14 | (2) URANUS-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:41:47.0 | yes |
| 15 | (3) URANUS-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:41:50.0 | yes |
| 16 | (4) NEPTUNE-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:41:54.0 | yes |
| 17 | (5) NEPTUNE-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:41:57.0 | yes |
| 18 | (6) NEPTUNE-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:42:00.0 | yes |
| 19 | (1) URANUS-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:42:04.0 | yes |
| 20 | (2) URANUS-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:42:07.0 | yes |
| 21 | (3) URANUS-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:42:10.0 | yes |
| 22 | (4) NEPTUNE-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:42:14.0 | yes |
| 23 | (5) NEPTUNE-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:42:17.0 | yes |
| 24 | (6) NEPTUNE-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:42:20.0 | yes |
| 25 | (1) URANUS-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:42:24.0 | yes |
| 26 | (2) URANUS-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:42:26.0 | yes |
| 27 | (3) URANUS-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:42:30.0 | yes |
| 28 | (4) NEPTUNE-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:42:33.0 | yes |
| 29 | (5) NEPTUNE-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:42:36.0 | yes |
| 30 | (6) NEPTUNE-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:42:39.0 | yes |
| 31 | (1) URANUS-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:42:43.0 | 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> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 32 | (2) URANUS-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:42:46.0 | yes |
| 33 | (3) URANUS-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:42:49.0 | yes |
| 34 | (4) NEPTUNE-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:42:52.0 | yes |
| 35 | (5) NEPTUNE-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:42:55.0 | yes |
| 36 | (6) NEPTUNE-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:42:58.0 | yes |
| 37 | (1) URANUS-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:43:02.0 | yes |
| 38 | (2) URANUS-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:43:04.0 | yes |
| 39 | (3) URANUS-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:43:08.0 | yes |
| 40 | (4) NEPTUNE-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:43:11.0 | yes |
| 41 | (5) NEPTUNE-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:43:16.0 | yes |
| 42 | (6) NEPTUNE-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:43:19.0 | yes |
| 43 | (1) URANUS-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:43:23.0 | yes |
| 44 | (2) URANUS-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:43:25.0 | yes |
| 45 | (3) URANUS-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:43:29.0 | yes |
| 46 | (4) NEPTUNE-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:43:32.0 | yes |
| 47 | (5) NEPTUNE-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:43:35.0 | yes |
| 48 | (6) NEPTUNE-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:43:38.0 | yes |
| 49 | (1) URANUS-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:43:41.0 | yes |
| 50 | (2) URANUS-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:43:44.0 | yes |
| 51 | (3) URANUS-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:43:47.0 | yes |
| 52 | (4) NEPTUNE-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:43:50.0 | yes |
| 53 | (5) NEPTUNE-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:43:53.0 | 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> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 54 | (6) NEPTUNE-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:43:56.0 | yes |
| 55 | (1) URANUS-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:43:59.0 | yes |
| 56 | (2) URANUS-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:44:02.0 | yes |
| 57 | (3) URANUS-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:44:05.0 | yes |
| 58 | (4) NEPTUNE-BLUE | WFC3/UVIS | 1 | 28-Oct-2009 21:44:09.0 | yes |
| 59 | (5) NEPTUNE-CH4 | WFC3/UVIS | 1 | 28-Oct-2009 21:44:11.0 | yes |
| 60 | (6) NEPTUNE-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:44:14.0 | yes |
| 61 | (6) NEPTUNE-MAX-CONTRAST | WFC3/UVIS | 1 | 28-Oct-2009 21:44:18.0 | yes |

61 Total Orbits Used

ABSTRACT

We propose Snapshot observations of Uranus and Neptune to monitor changes in their atmospheres on time scales of weeks and months, as we have been doing for the past seven years. Previous Hubble Space Telescope observations (including previous Snapshot programs 8634, 10170, 10534, and 11156), together with near-IR images obtained using adaptive optics on the Keck Telescope, reveal both planets to be dynamic worlds which change on time scales ranging from hours to (terrestrial) years. Uranus equinox occurred in December 2007, and the northern hemisphere is becoming fully visible for the first time since the early 1960s. HST observations during the past several years (Hammel et al. 2005, Icarus 175, 284 and references therein) have revealed strongly wavelength-dependent latitudinal structure, the presence of numerous visible-wavelength cloud features in the northern hemisphere, at least one very long-lived discrete cloud in the southern hemisphere, and in 2006 the first clearly defined dark spot seen on Uranus. Long-term ground-based observations (Lockwood and Jerzekiewicz, 2006, Icarus 180, 442; Hammel and Lockwood 2007, Icarus 186, 291) reveal seasonal brightness changes that seem to demand the appearance of a bright northern polar cap within the next few years. Recent HST and Keck observations of Neptune (Sromovsky et al. 2003, Icarus 163, 256 and references therein) show a general increase in activity at south temperate latitudes until 2004, when Neptune returned to a rather Voyager-like appearance with discrete bright spots rather than active latitude bands. Further Snapshot observations of these two dynamic planets will elucidate the nature of long-term changes in their zonal atmospheric bands and clarify the

processes of formation, evolution, and dissipation of discrete albedo features.

OBSERVING DESCRIPTION

We will repeatedly observe Uranus and Neptune to monitor the development, movement, and disappearance of features in their active atmospheres. We will use WFC3 to supply data from which the properties of the scattering/absorbing aerosols associated with various features can be determined.

Filter Selection: WFC3 has a set of four filters in the 890-940 nm range specifically designed to sample methane absorption coefficients of 25., 2.5, 0.25, and 0.025 (km-atm)⁻¹ respectively. We will design one Uranus visit type and one Neptune visit type to include these four filters, together with F775W for context, to constrain the vertical aerosol distribution responsible for the latitudinal bands and albedo features seen on both planets. Another visit type for each planet will include the WFC3 analogs of the Strömgren b and y filters used in Lockwood's long-term albedo monitoring program, and the methane-band continuum pairs at 619 nm and 727 nm. These filter choices provide continuity both with those used for past HST observations and with past ground-based observations. Images in the 619-nm methane band [WFC3 FQ619N], in particular, probe the tropospheres of the two planets between 0.5 and 2 bars, where methane is expected to condense. A third type of visit for each planet originally consisted of NICMOS observations, with filters selected to provide maximum feature contrast and further probe the vertical structure of the atmosphere in discrete regions. We now plan to replace the NICMOS visits with WFC3 visits optimized for detecting low-contrast features.

WFC3:

| | |
|--------|---|
| F467M | Strömgren b |
| F547M | Strömgren y |
| FQ619N | 619-nm weak methane band |
| F631N | Continuum near 619-nm CH ₄ band |
| FQ727N | 727-nm medium methane band |
| FQ750N | Continuum near 727-nm CH ₄ band |
| F775W | Near-IR cont. with some CH ₄ absorption |
| F845M | Filter with moderate CH ₄ absorption and high feature contrast |

FQ889N CH4 absorption of 25 (km-atm)⁻¹
FQ906N CH4 absorption of 2.5 (km-atm)⁻¹
FQ924N CH4 absorption of 0.25 (km-atm)⁻¹
FQ937N CH4 absorption of 0.025 (km-atm)⁻¹

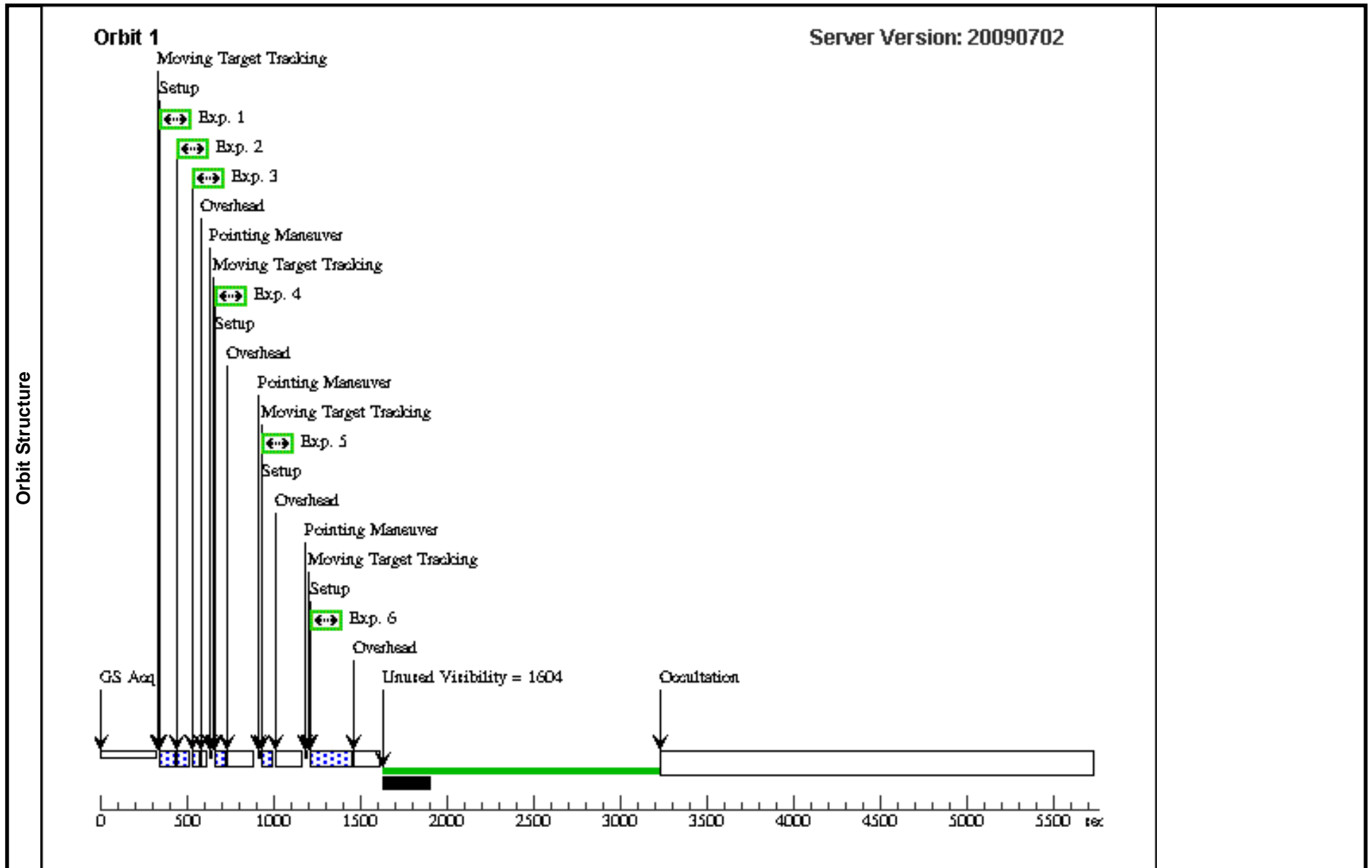
For the WFC3 filters, exposure times are 18, 6, 22, 40, 60, and 240 seconds for F467M, F547M, F631N, FQ750N, FQ619N, and FQ727N, respectively, for a per-pixel S/N at Uranus center-of-disk that is never less than 95. Exposure times for F775W, FQ889N, FQ906N, FQ924N, and FQ937N are 19, 175, 140, 58, and 28 seconds respectively, with S/N never less than 40. We accept shorter-than-optimal exposure times, and reduced S/N, for the four methane quad filters in the 889-nm band in order to fit them into a 30-minute visit. For the Neptune WFC3 observations, we will accept a further 35% reduction in the S/N to execute the same filter combinations in the same 30-minute window. These visits will use neither dithering nor CR-SPLIT.

The original Phase 2 submission of this proposal included NICMOS filters to sample varying degrees of methane absorption, covering a wide range of penetration depths. In light of NICMOS's doubtful functionality, we now propose to replace the NICMOS visits with WFC3 visits designed to produce maximum-contrast images of Uranus and Neptune. These visits will consist of three repetitions of the standard 2x2 WFC3/UVIS dithering exposure pattern with the F845M filter. Each exposure will be 35 seconds, which gives S/N of 150-200 at Uranus, depending on the feature brightness. S/N at Neptune will exceed 100. These visits will not use CR-SPLIT.

Proposal 11630 - Visit 01 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:23 GMT 2009

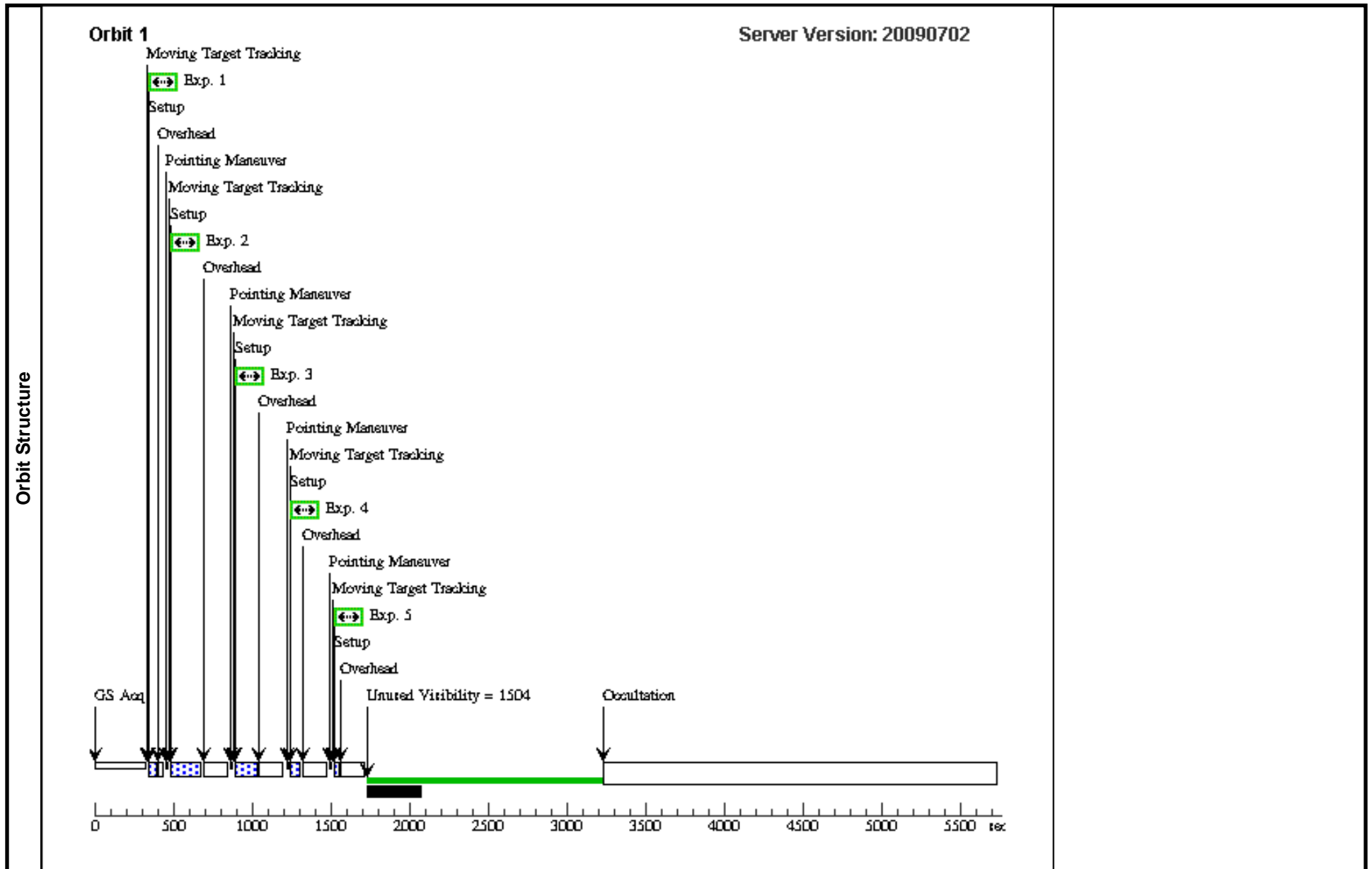
| Visit | Proposal 11630, Visit 01, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|-----------------|-----------------------------------|----------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (1) | URANUS-BLUE | STD=URANUS | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | | 18 Secs [==>] | [1] |
| | 2 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | | 6 Secs [==>] | [1] |
| | 3 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | | 22 Secs [==>] | [1] |
| | 4 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | | 40 Secs [==>] | [1] |
| | 5 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | | 60 Secs [==>] | [1] |
| | 6 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 02 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:24 GMT 2009

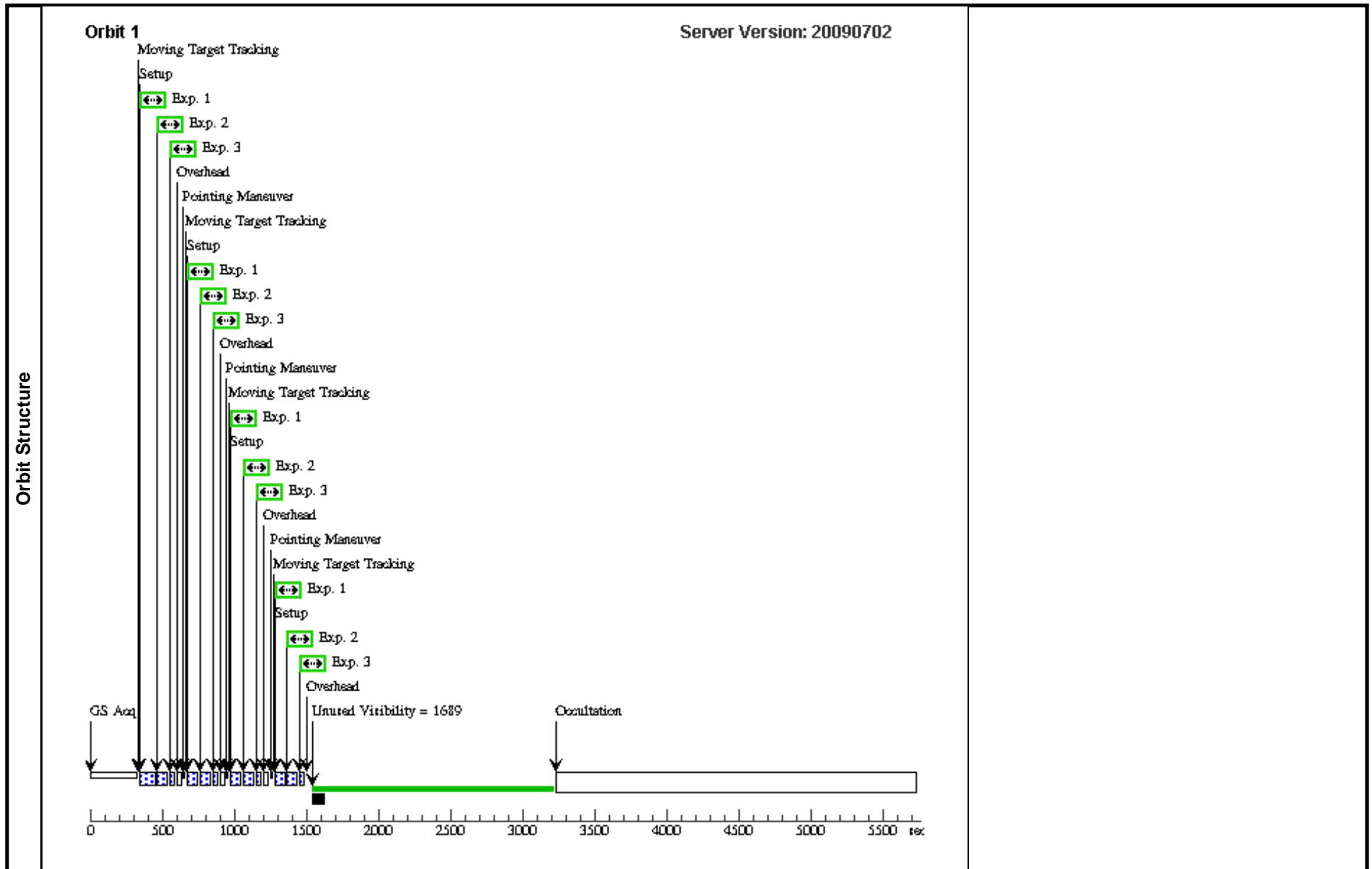
| Visit | Proposal 11630, Visit 02, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|----------------|-----------------------------------|----------------------|----------------------|------------------|---------------|---------------|-------------------------|-------------------------|------------|---|----------------|-----------------------------------|-------|-------------|--|--|--|------------------|-----|---|----------------|---------------------------------|--------|-------------|--|--|--|-------------------|-----|---|----------------|---------------------------------|--------|-------------|------------------|--|--|-------------------|-----|---|----------------|---------------------------------|--------|-------------|--|--|--|------------------|-----|---|----------------|---------------------------------|--------|-------------|--|--|--|------------------|-----|--|--|--|--|--|--|--|--|--|
| | (Exposure 3 (Visit 02)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Solar System Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>URANUS-CH4</td> <td>STD=URANUS</td> <td></td> <td></td> <td></td> <td>EARTH</td> </tr> </tbody> </table> | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | (2) | URANUS-CH4 | STD=URANUS | | | | EARTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (2) | URANUS-CH4 | STD=URANUS | | | | EARTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(2) URANUS-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS1-C512B-SUB</td> <td>F775W</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>19 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(2) URANUS-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ889N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>175 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(2) URANUS-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ906N</td> <td>CR-SPLIT=NO</td> <td>POS TARG +25,+25</td> <td></td> <td></td> <td>140 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(2) URANUS-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ924N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>58 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(2) URANUS-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ937N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>28 Secs [==>]</td> <td>[1]</td> </tr> </tbody> </table> | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | 1 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] | 2 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] | 3 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] | 4 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] | 5 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] | | | | | | | | | |
| | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Proposal 11630 - Visit 03 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:24 GMT 2009

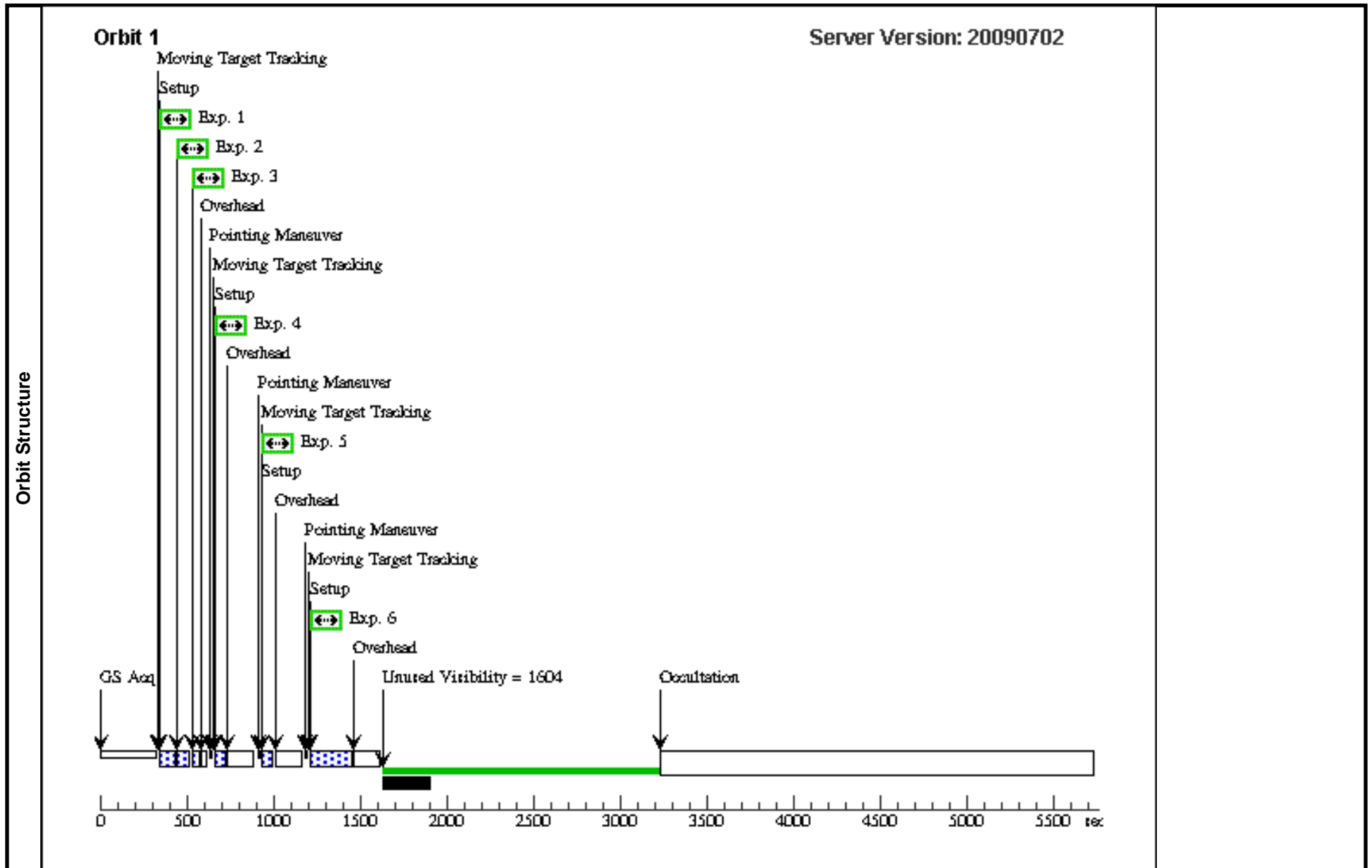
| Visit | Proposal 11630, Visit 03, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|-------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (3) | URANUS-MAX-CONTRAST | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 04 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:24 GMT 2009

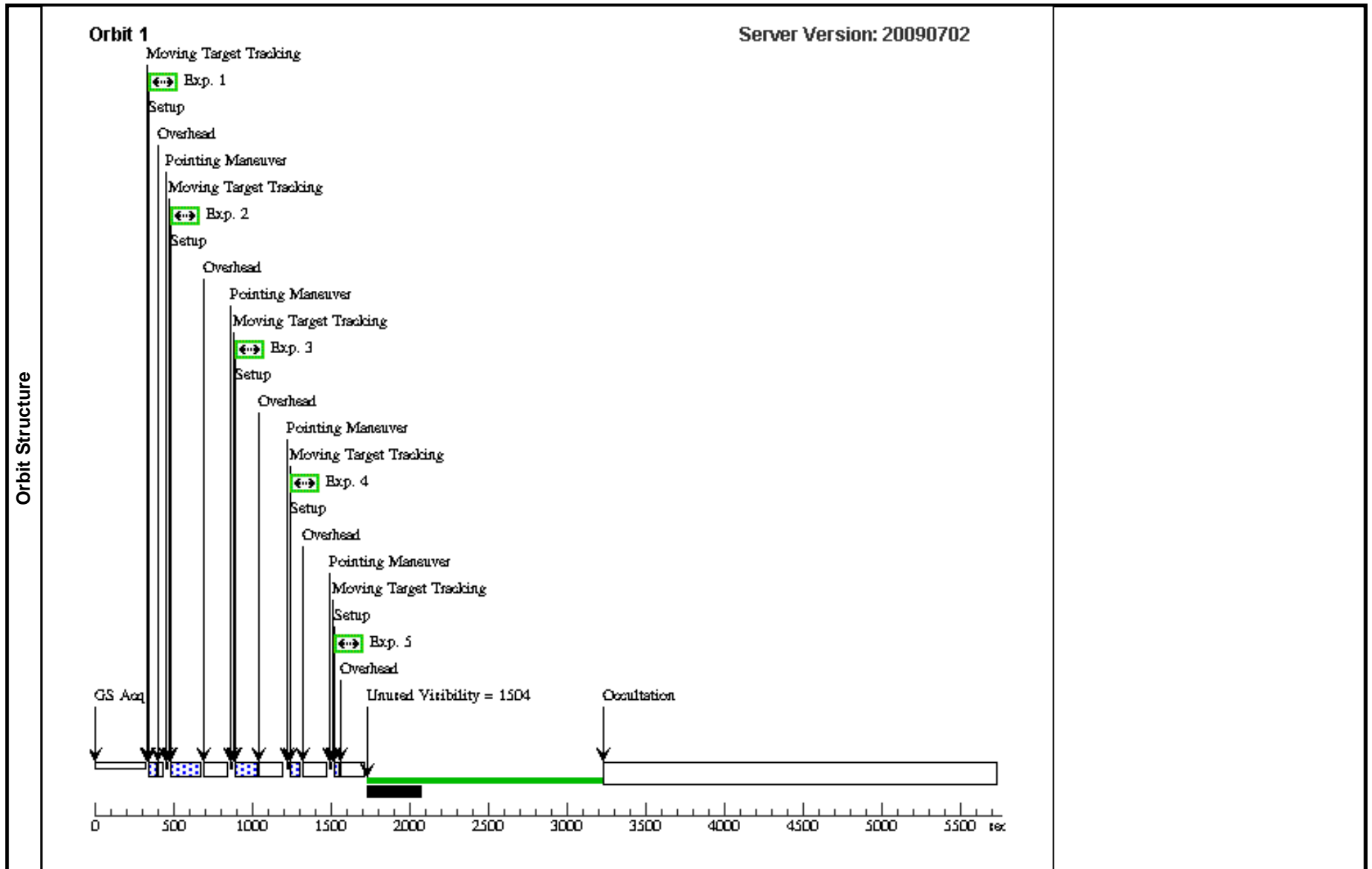
| Visit | Proposal 11630, Visit 04, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|---|--------------|----------------------|--------------------------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (4) | NEPTUNE-BLUE | STD=NEPTUNE | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | 18 Secs [==>] | [1] |
| | 2 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | 6 Secs [==>] | [1] |
| | 3 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | 22 Secs [==>] | [1] |
| | 4 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | 40 Secs [==>] | [1] |
| | 5 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | 60 Secs [==>] | [1] |
| | 6 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 05 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:25 GMT 2009

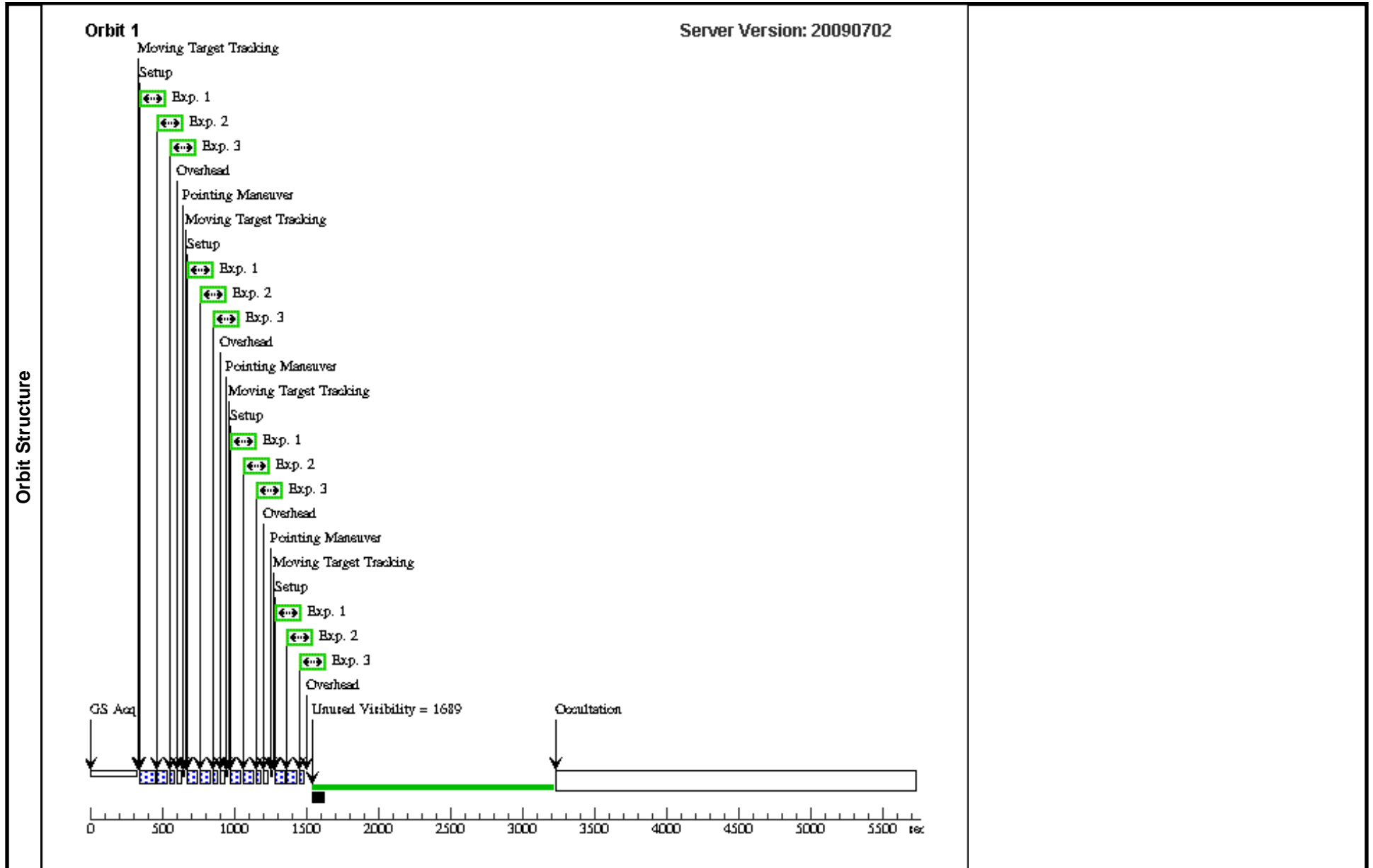
| Visit | Proposal 11630, Visit 05, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|-----------------|-----------------------------------|----------------------|----------------------|------------------|---------------|---------------|-------------------------|-------------------------|-------------|---|-----------------|-----------------------------------|-------|-------------|--|--|--|------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|-------------------|-----|---|-----------------|---------------------------------|--------|-------------|------------------|--|--|-------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|------------------|-----|--|--|--|--|--|--|--|--|--|
| | (Exposure 3 (Visit 05)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solar System Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>NEPTUNE-CH4</td> <td>STD=NEPTUNE</td> <td></td> <td></td> <td></td> <td>EARTH</td> </tr> </tbody> </table> | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS1-C512B-SUB</td> <td>F775W</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>19 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ889N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>175 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ906N</td> <td>CR-SPLIT=NO</td> <td>POS TARG +25,+25</td> <td></td> <td></td> <td>140 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ924N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>58 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ937N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>28 Secs [==>]</td> <td>[1]</td> </tr> </tbody> </table> | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] | 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] | 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] | | | | | | | | | |
| | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Proposal 11630 - Visit 06 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:25 GMT 2009

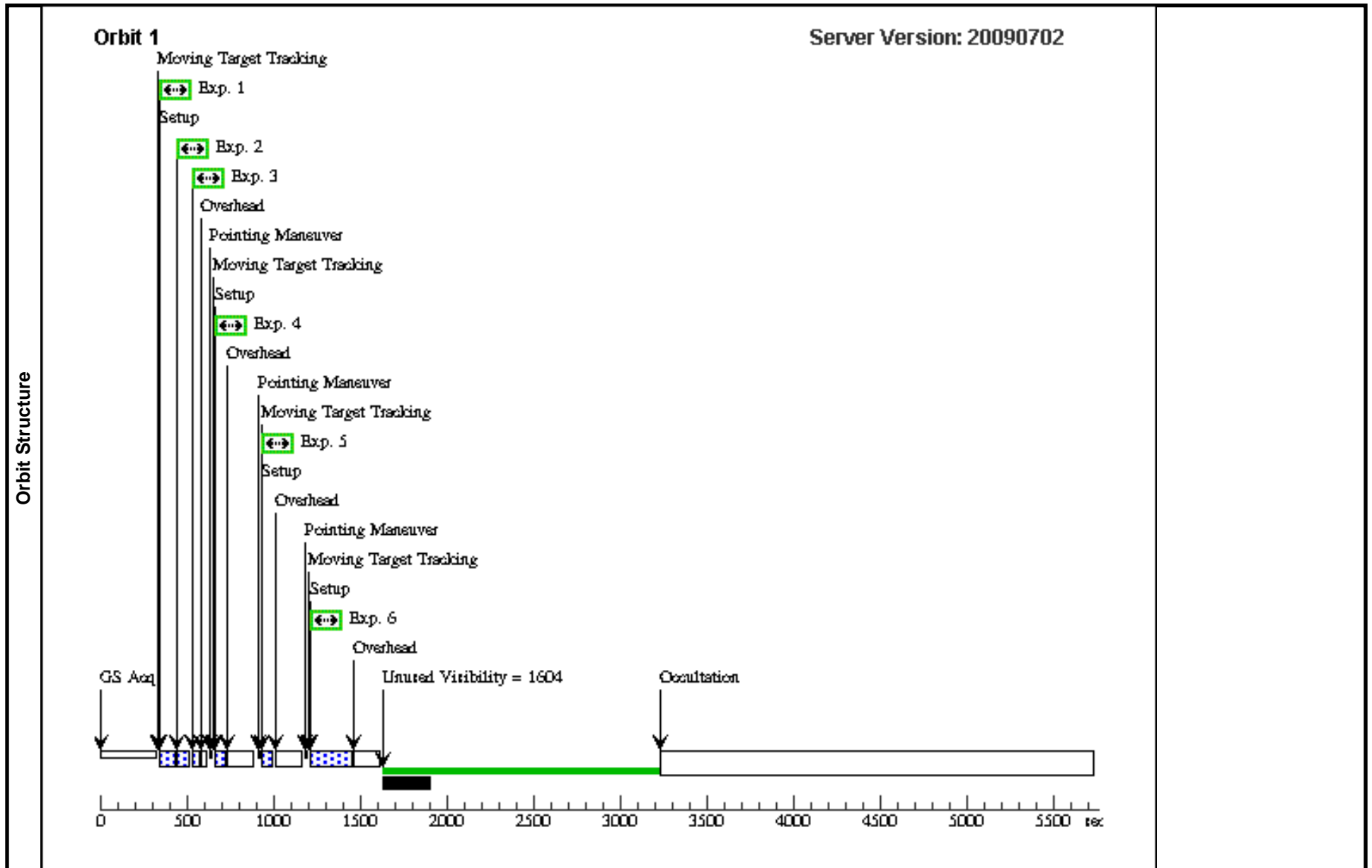
| Visit | Proposal 11630, Visit 06, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|---|---------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (6) | NEPTUNE-MAX-CONTRAST | STD=NEPTUNE | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 07 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:25 GMT 2009

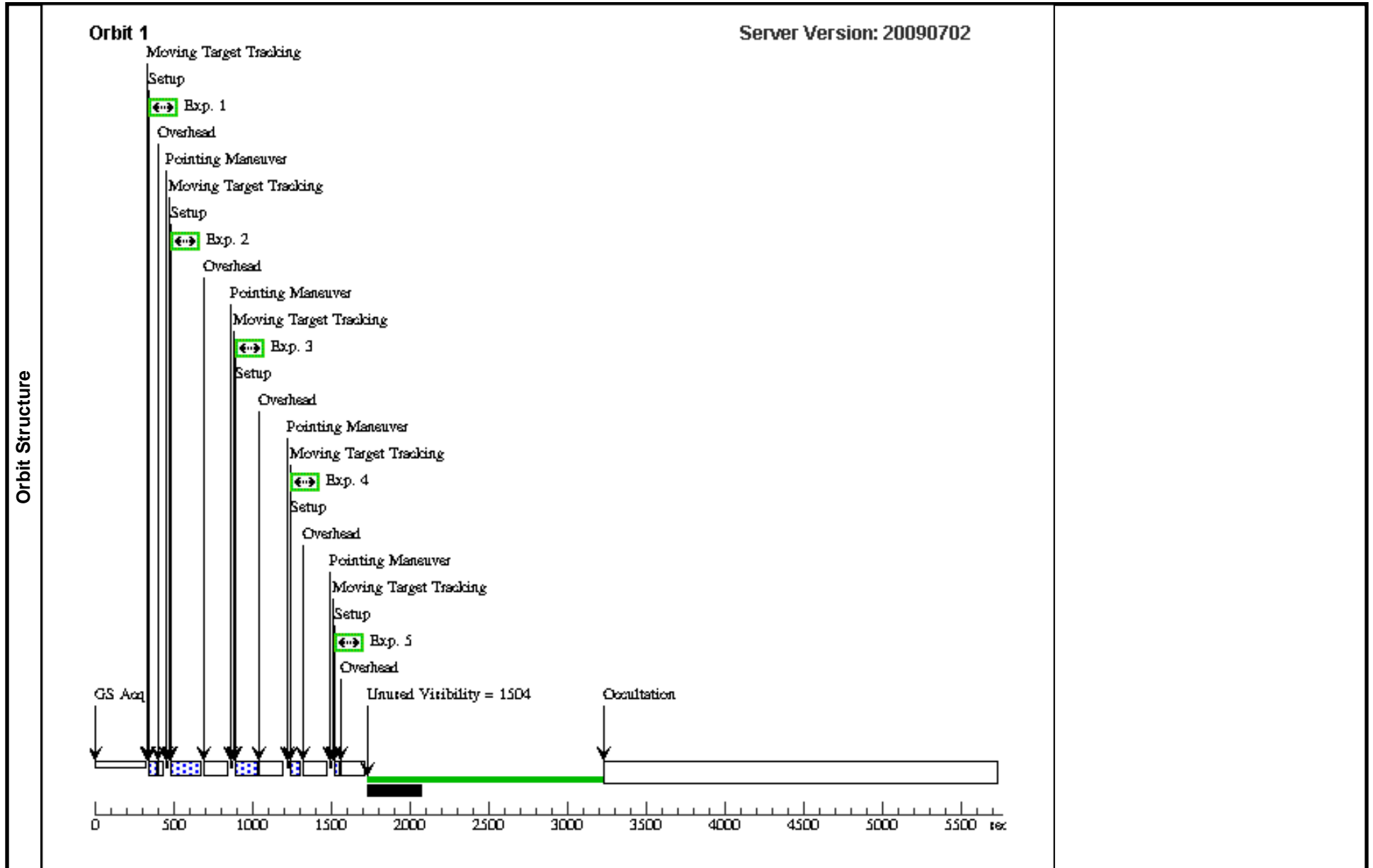
| Visit | Proposal 11630, Visit 07, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|-----------------|-----------------------------------|----------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (1) | URANUS-BLUE | STD=URANUS | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | | 18 Secs [==>] | [1] |
| | 2 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | | 6 Secs [==>] | [1] |
| | 3 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | | 22 Secs [==>] | [1] |
| | 4 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | | 40 Secs [==>] | [1] |
| | 5 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | | 60 Secs [==>] | [1] |
| | 6 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 08 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:26 GMT 2009

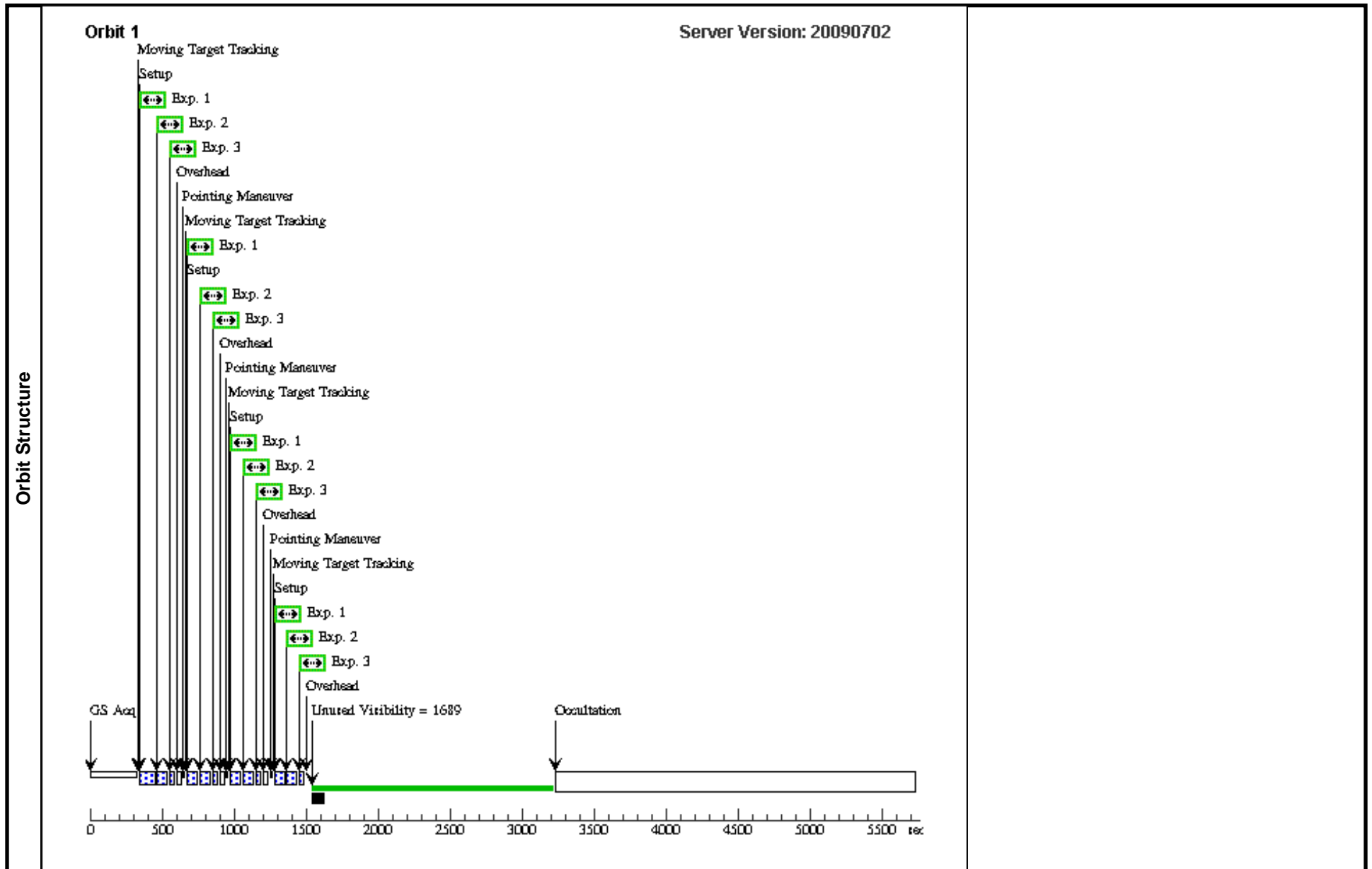
| | | | | | | | | | | |
|-----------------------------|--|----------------|-----------------------------------|-----------------------------|----------------------|---------------------|----------------------|---------------|--------------------------------|--------------|
| Visit | Proposal 11630, Visit 08, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
| | (Exposure 3 (Visit 08)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | |
| Diagnostics | | | | | | | | | | |
| | | | | | | | | | | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (2) | URANUS-CH4 | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] |
| | 2 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] |
| | 3 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] |
| | 4 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] |
| | 5 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] |
| | | | | | | | | | | |



Proposal 11630 - Visit 09 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:26 GMT 2009

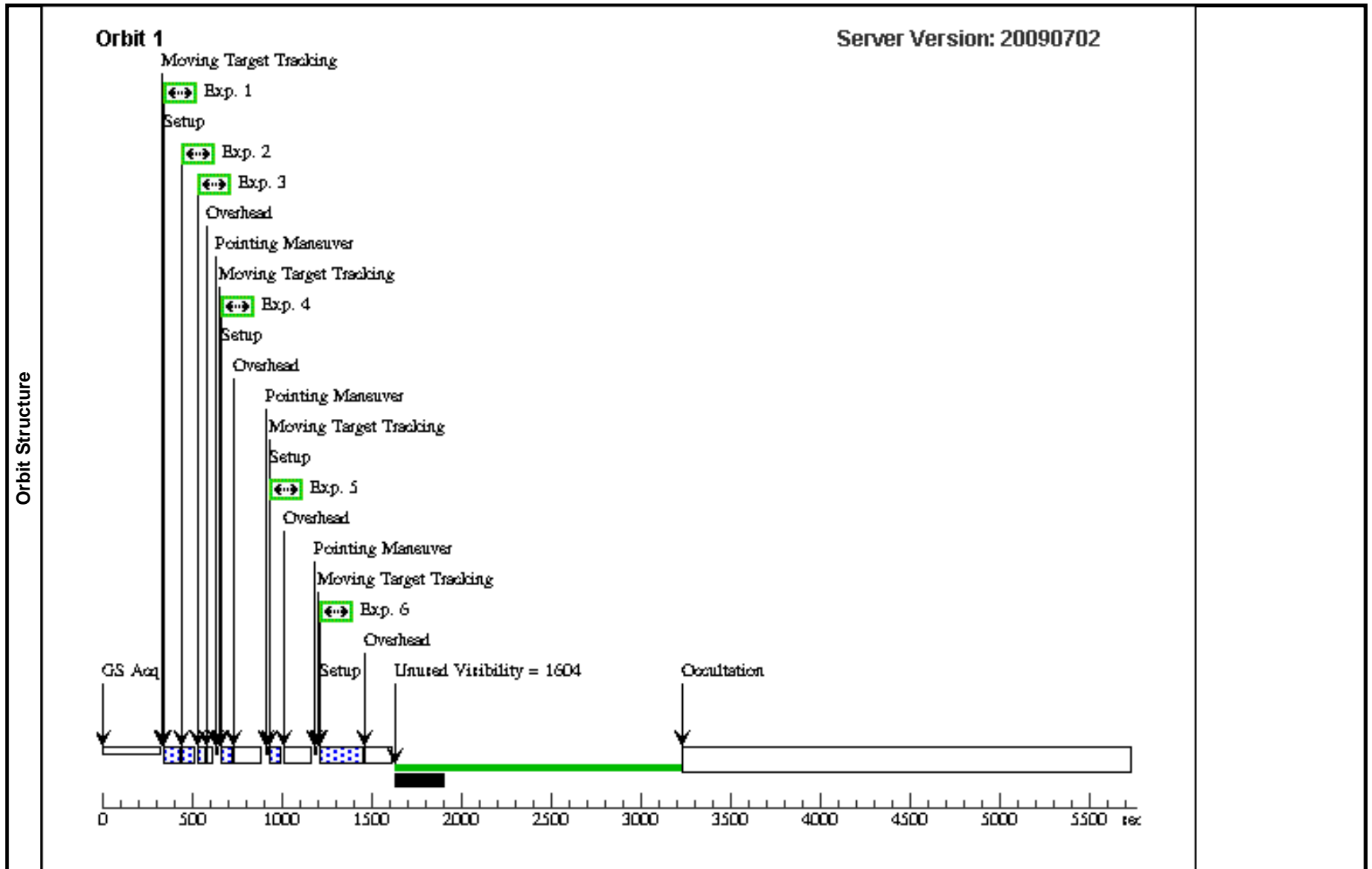
| Visit | Proposal 11630, Visit 09, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|-------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (3) | URANUS-MAX-CONTRAST | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 10 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:26 GMT 2009

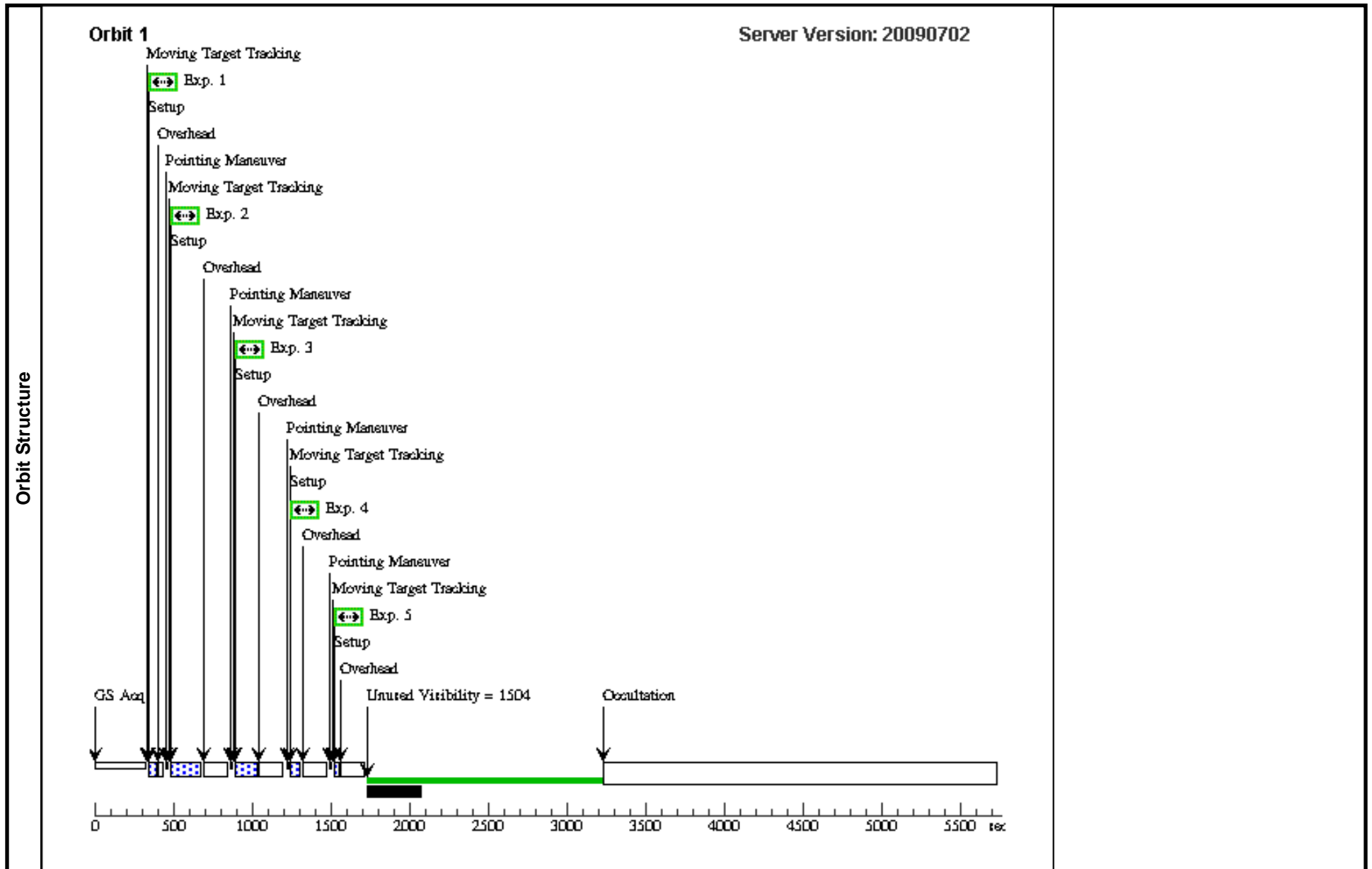
| Visit | Proposal 11630, Visit 10, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|--------------|----------------------|--------------------------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (4) | NEPTUNE-BLUE | STD=NEPTUNE | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | 18 Secs [==>] | [1] |
| | 2 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | 6 Secs [==>] | [1] |
| | 3 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | 22 Secs [==>] | [1] |
| | 4 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | 40 Secs [==>] | [1] |
| | 5 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | 60 Secs [==>] | [1] |
| | 6 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 11 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:27 GMT 2009

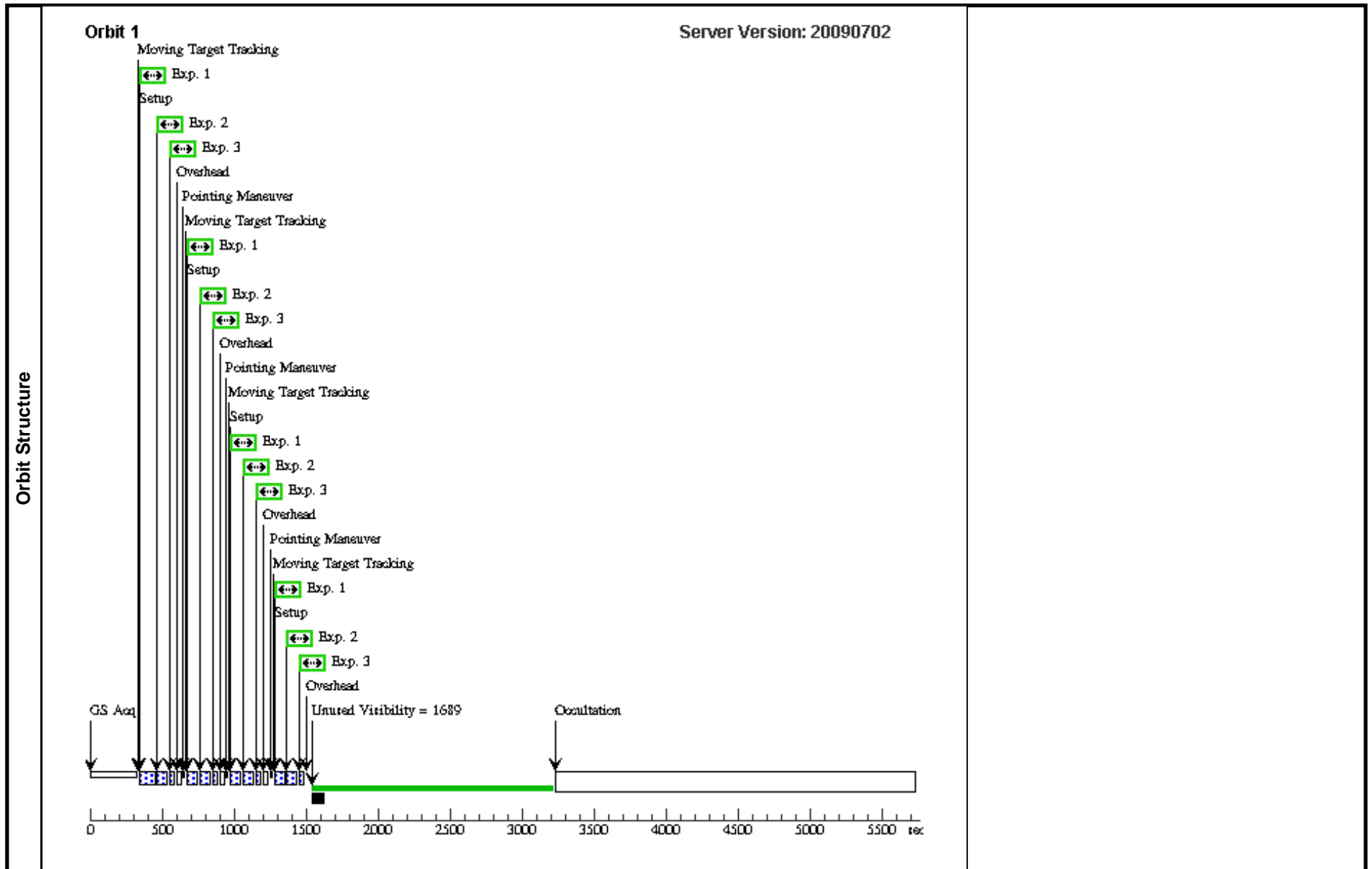
| Visit | Proposal 11630, Visit 11, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|-----------------|-----------------------------------|----------------------|----------------------|------------------|---------------|---------------|-------------------------|-------------------------|-------------|---|-----------------|-----------------------------------|-------|-------------|--|--|--|------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|-------------------|-----|---|-----------------|---------------------------------|--------|-------------|------------------|--|--|-------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|------------------|-----|--|--|--|--|--|--|--|--|--|
| | (Exposure 3 (Visit 11)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solar System Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>NEPTUNE-CH4</td> <td>STD=NEPTUNE</td> <td></td> <td></td> <td></td> <td>EARTH</td> </tr> </tbody> </table> | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS1-C512B-SUB</td> <td>F775W</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>19 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ889N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>175 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ906N</td> <td>CR-SPLIT=NO</td> <td>POS TARG +25,+25</td> <td></td> <td></td> <td>140 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ924N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>58 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ937N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>28 Secs [==>]</td> <td>[1]</td> </tr> </tbody> </table> | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] | 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] | 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] | | | | | | | | | |
| | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Proposal 11630 - Visit 12 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:27 GMT 2009

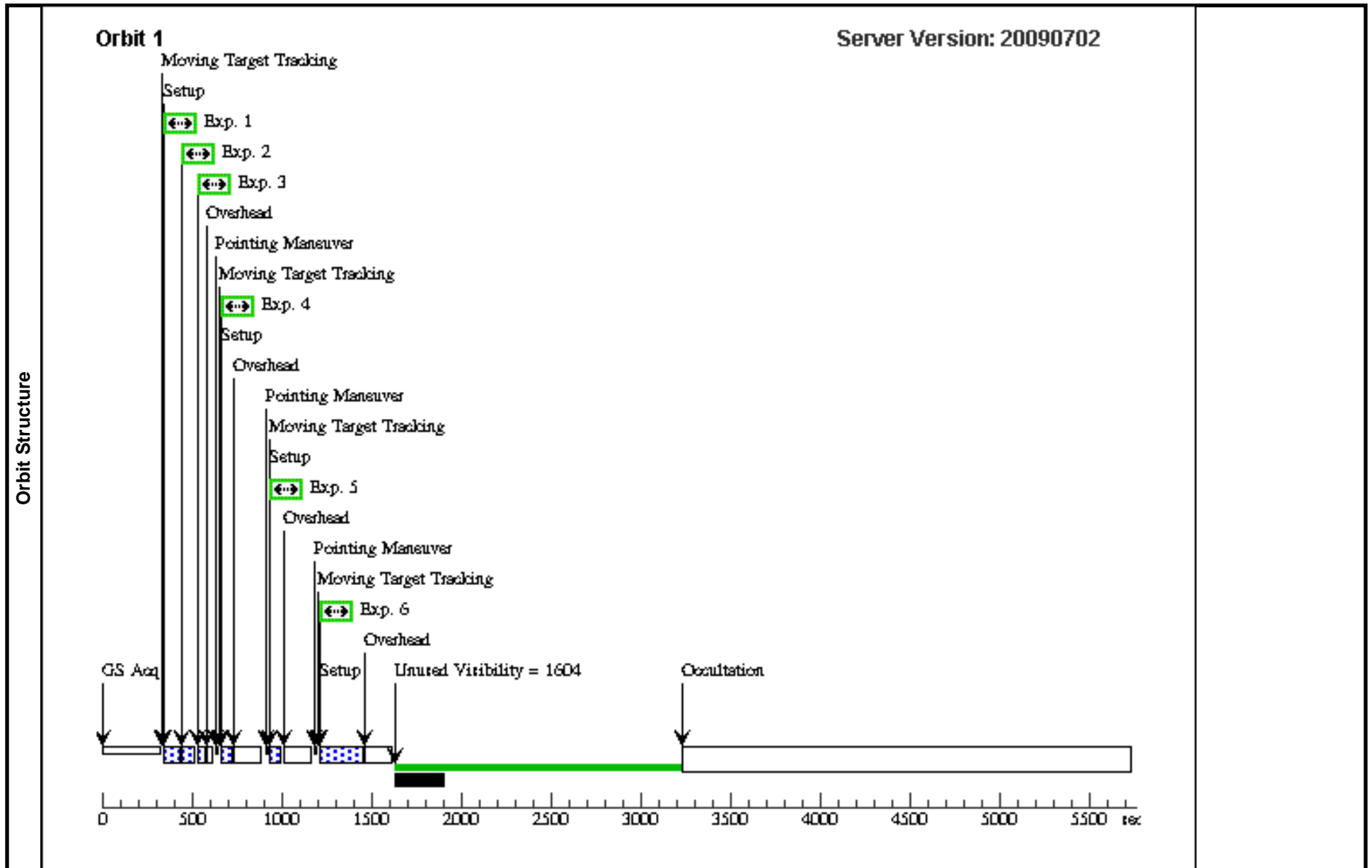
| Visit | Proposal 11630, Visit 12, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|---------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (6) | NEPTUNE-MAX-CONTRAST | STD=NEPTUNE | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 13 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:27 GMT 2009

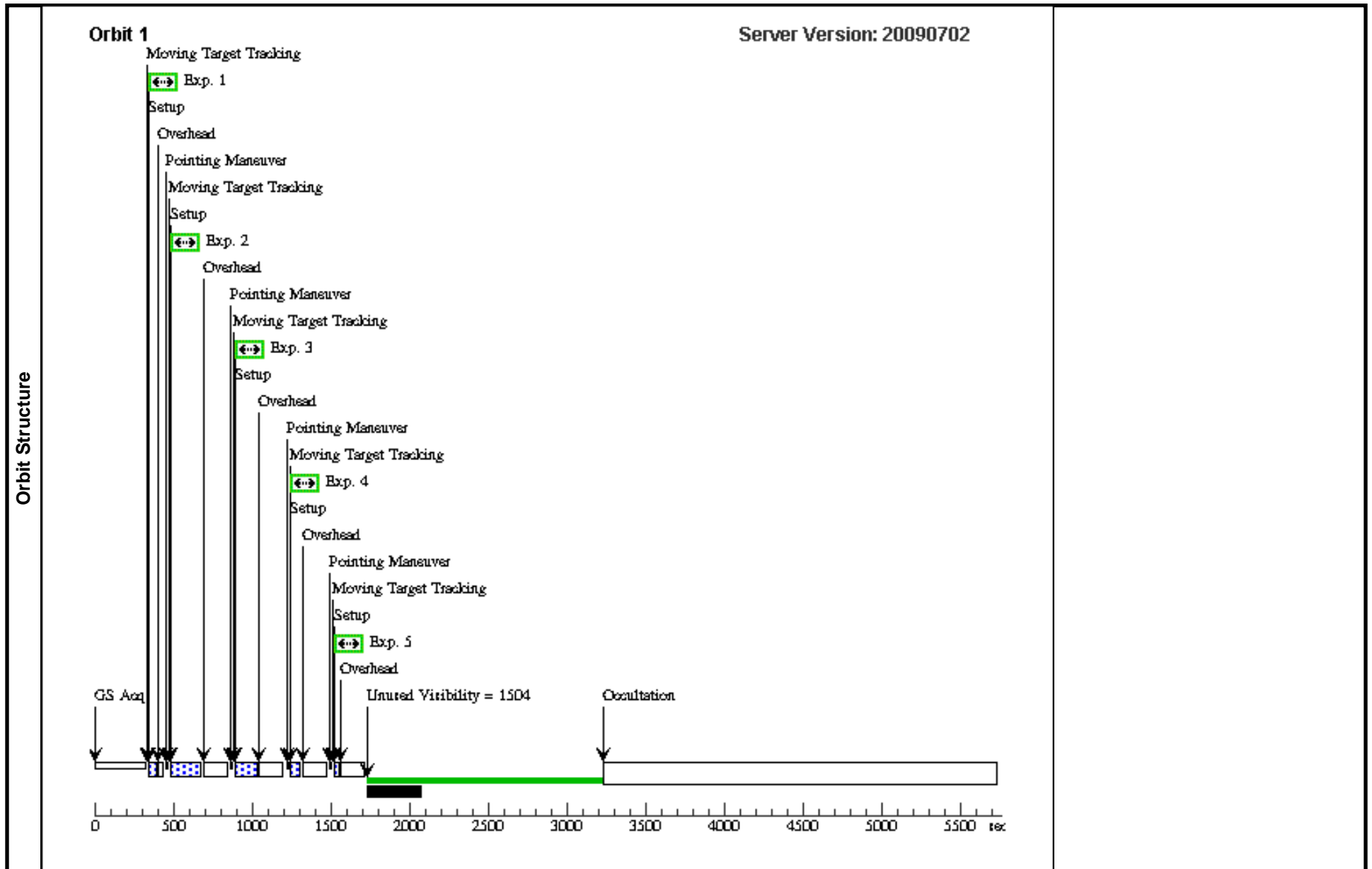
| Visit | Proposal 11630, Visit 13, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|-----------------|-----------------------------------|----------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (1) | URANUS-BLUE | STD=URANUS | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | | 18 Secs [==>] | [1] |
| | 2 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | | 6 Secs [==>] | [1] |
| | 3 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | | 22 Secs [==>] | [1] |
| | 4 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | | 40 Secs [==>] | [1] |
| | 5 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | | 60 Secs [==>] | [1] |
| | 6 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 14 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:28 GMT 2009

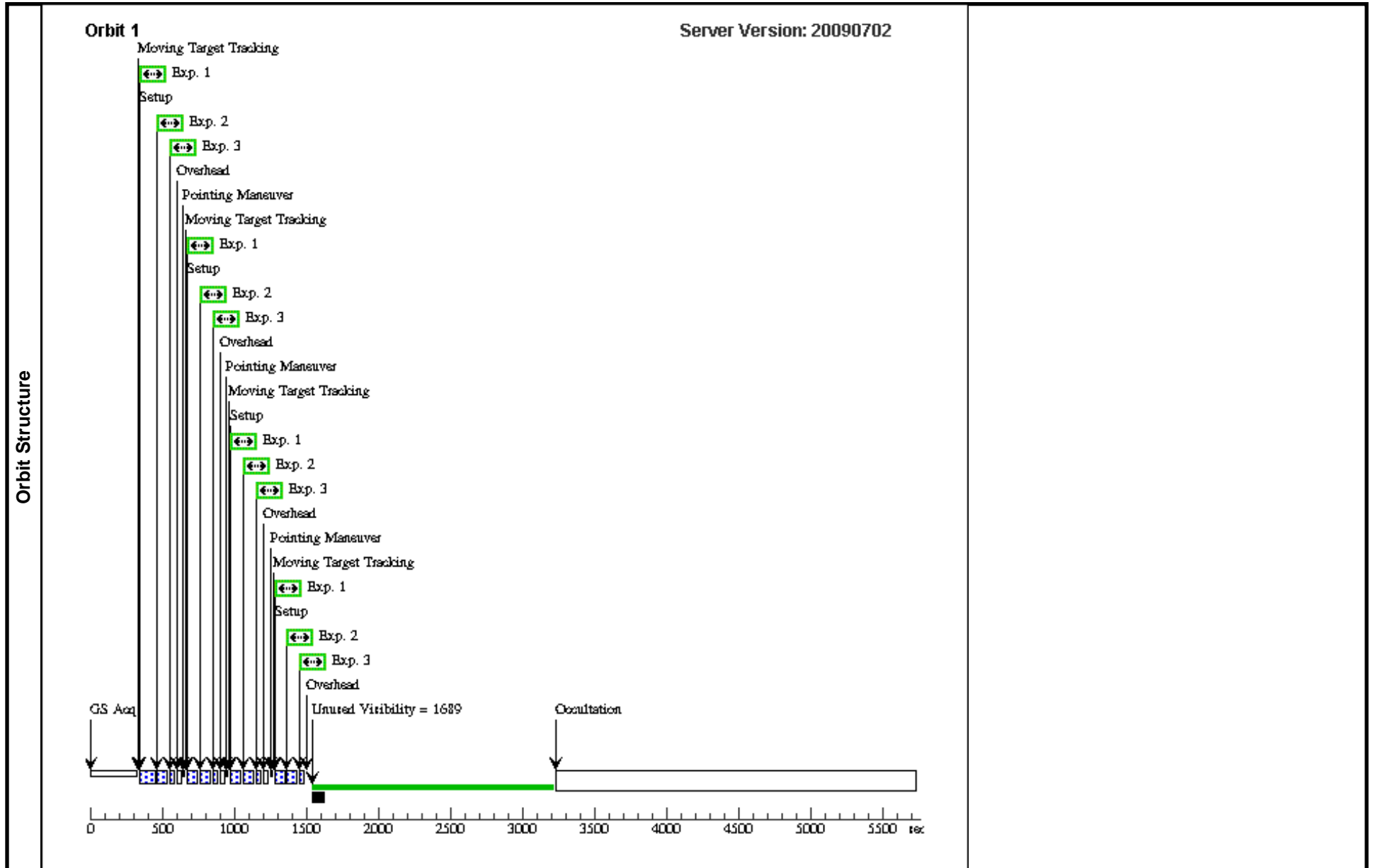
| | | | | | | | | | | |
|-----------------------------|--|----------------|-----------------------------------|-----------------------------|----------------------|---------------------|----------------------|---------------|--------------------------------|--------------|
| Visit | Proposal 11630, Visit 14, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
| | (Exposure 3 (Visit 14)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | |
| Diagnostics | | | | | | | | | | |
| | | | | | | | | | | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (2) | URANUS-CH4 | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] |
| | 2 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] |
| | 3 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] |
| | 4 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] |
| | 5 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] |
| | | | | | | | | | | |



Proposal 11630 - Visit 15 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:28 GMT 2009

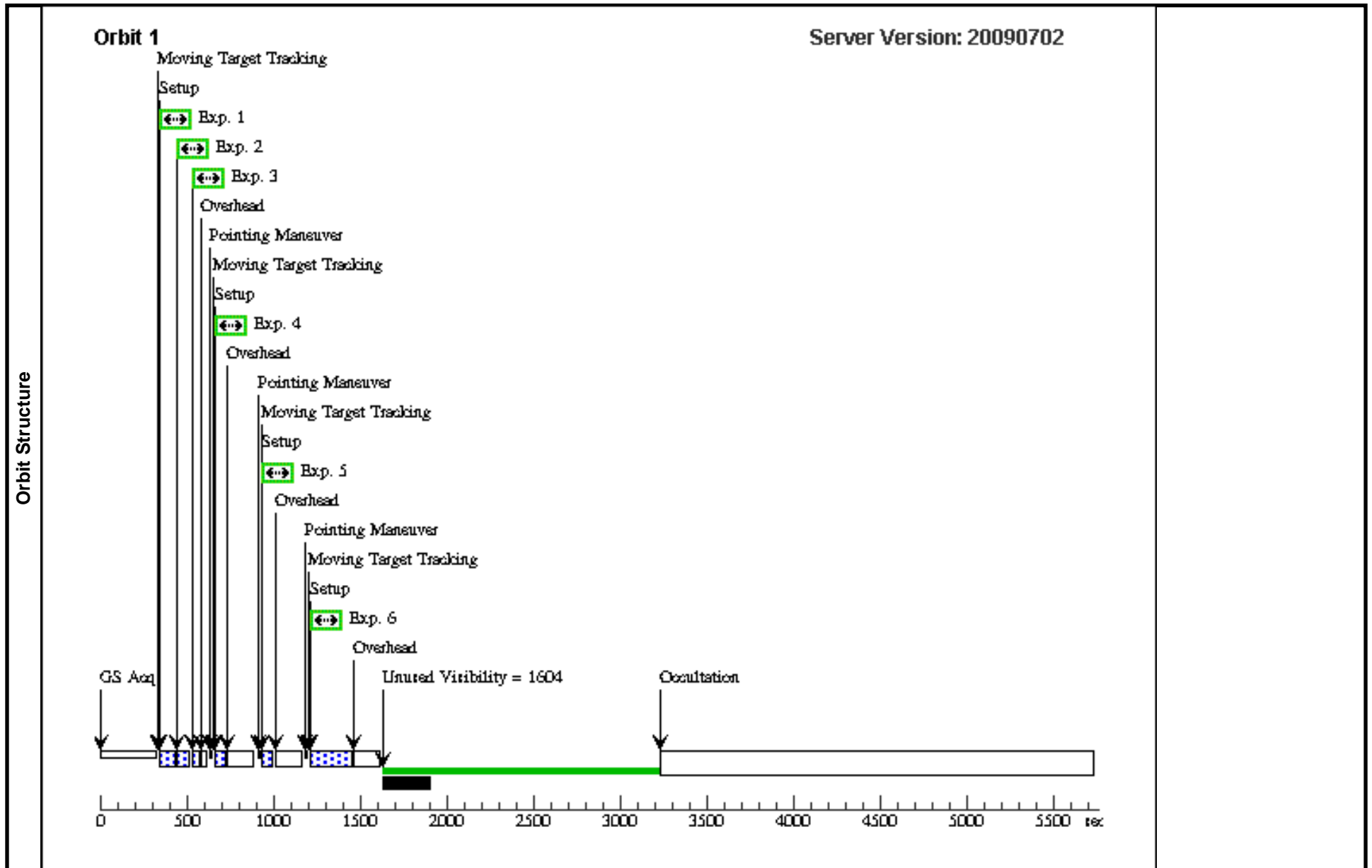
| Visit | Proposal 11630, Visit 15, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|-------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (3) | URANUS-MAX-CONTRAST | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 16 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:28 GMT 2009

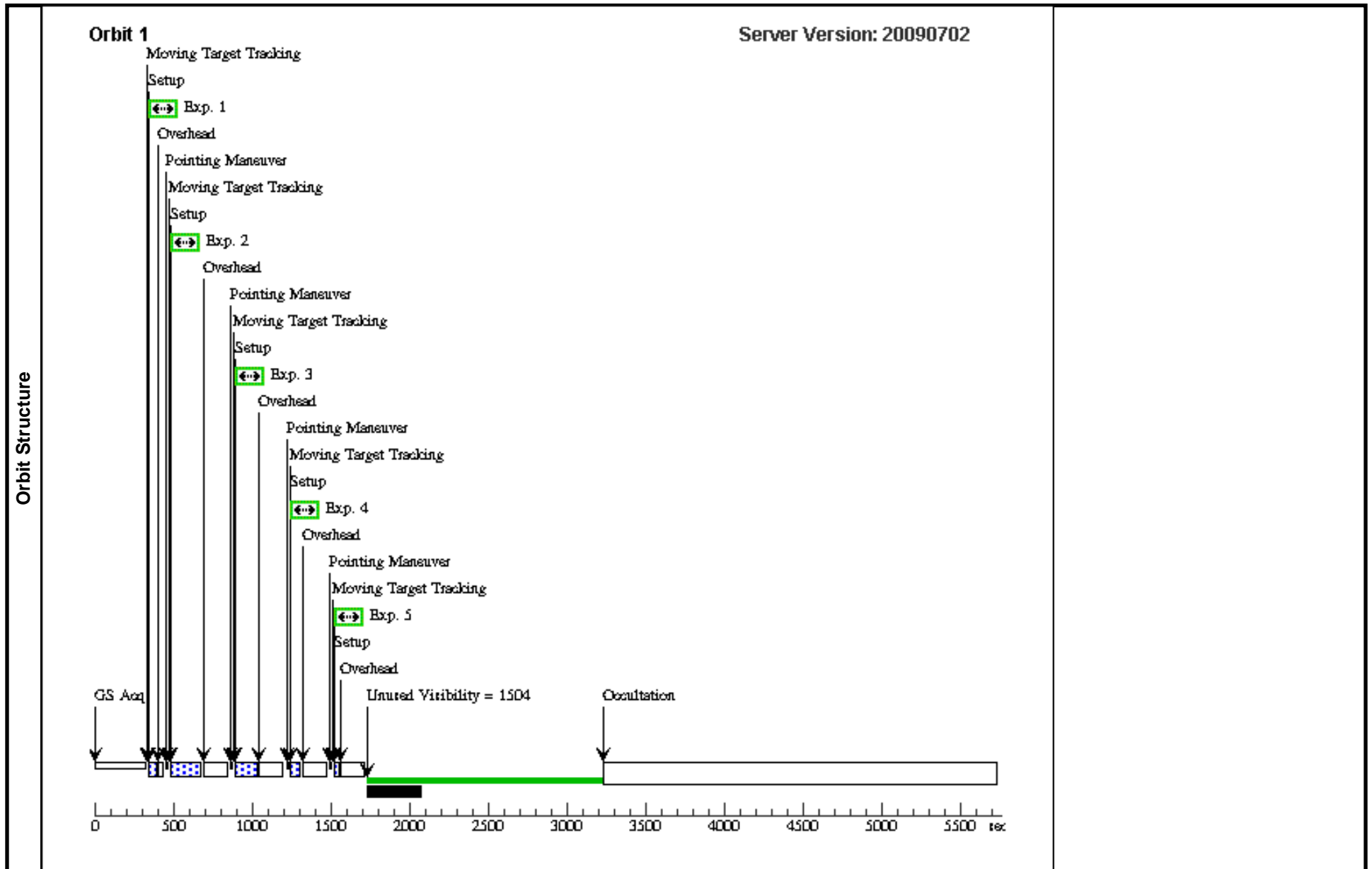
| Visit | Proposal 11630, Visit 16, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|--------------|----------------------|--------------------------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (4) | NEPTUNE-BLUE | STD=NEPTUNE | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | 18 Secs [==>] | [1] |
| | 2 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | 6 Secs [==>] | [1] |
| | 3 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | 22 Secs [==>] | [1] |
| | 4 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | 40 Secs [==>] | [1] |
| | 5 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | 60 Secs [==>] | [1] |
| | 6 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 17 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:29 GMT 2009

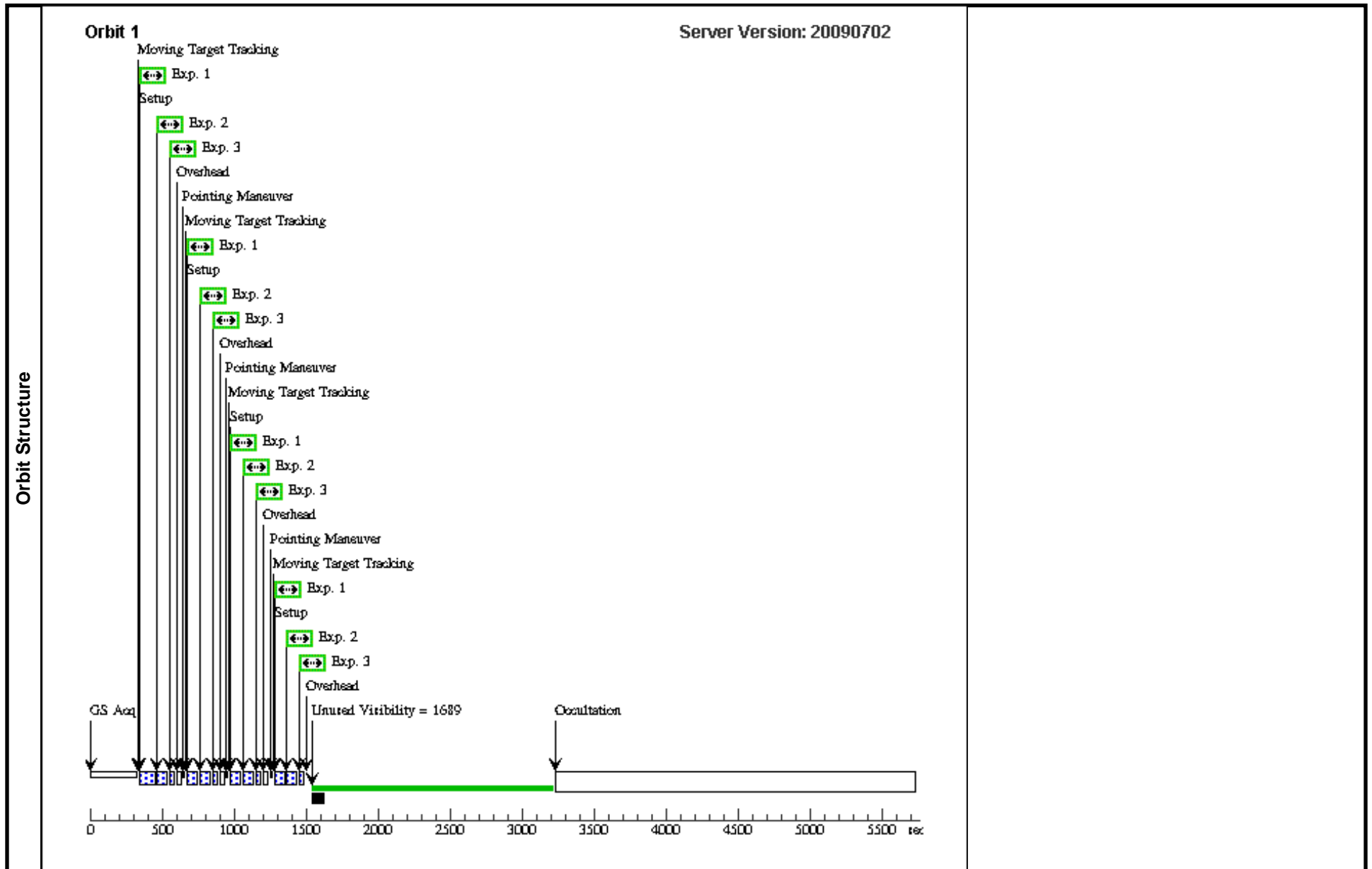
| Visit | Proposal 11630, Visit 17, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|-----------------|-----------------------------------|----------------------|----------------------|------------------|---------------|---------------|-------------------------|-------------------------|-------------|---|-----------------|-----------------------------------|-------|-------------|--|--|--|------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|-------------------|-----|---|-----------------|---------------------------------|--------|-------------|------------------|--|--|-------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|------------------|-----|--|--|--|--|--|--|--|--|--|
| | (Exposure 3 (Visit 17)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solar System Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>NEPTUNE-CH4</td> <td>STD=NEPTUNE</td> <td></td> <td></td> <td></td> <td>EARTH</td> </tr> </tbody> </table> | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS1-C512B-SUB</td> <td>F775W</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>19 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ889N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>175 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ906N</td> <td>CR-SPLIT=NO</td> <td>POS TARG +25,+25</td> <td></td> <td></td> <td>140 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ924N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>58 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ937N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>28 Secs [==>]</td> <td>[1]</td> </tr> </tbody> </table> | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] | 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] | 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] | | | | | | | | | |
| | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Proposal 11630 - Visit 18 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:29 GMT 2009

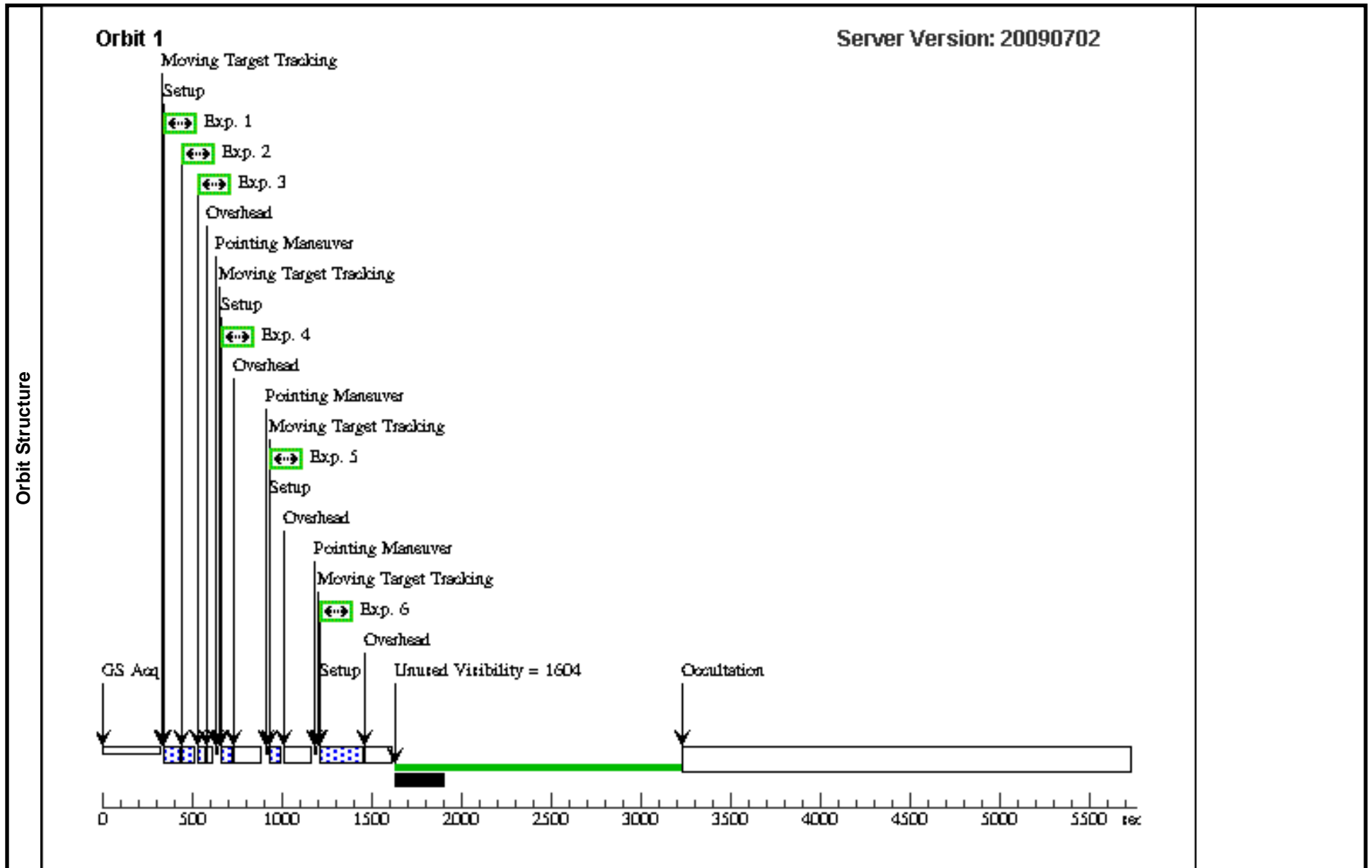
| Visit | Proposal 11630, Visit 18, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|---------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (6) | NEPTUNE-MAX-CONTRAST | STD=NEPTUNE | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 19 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:29 GMT 2009

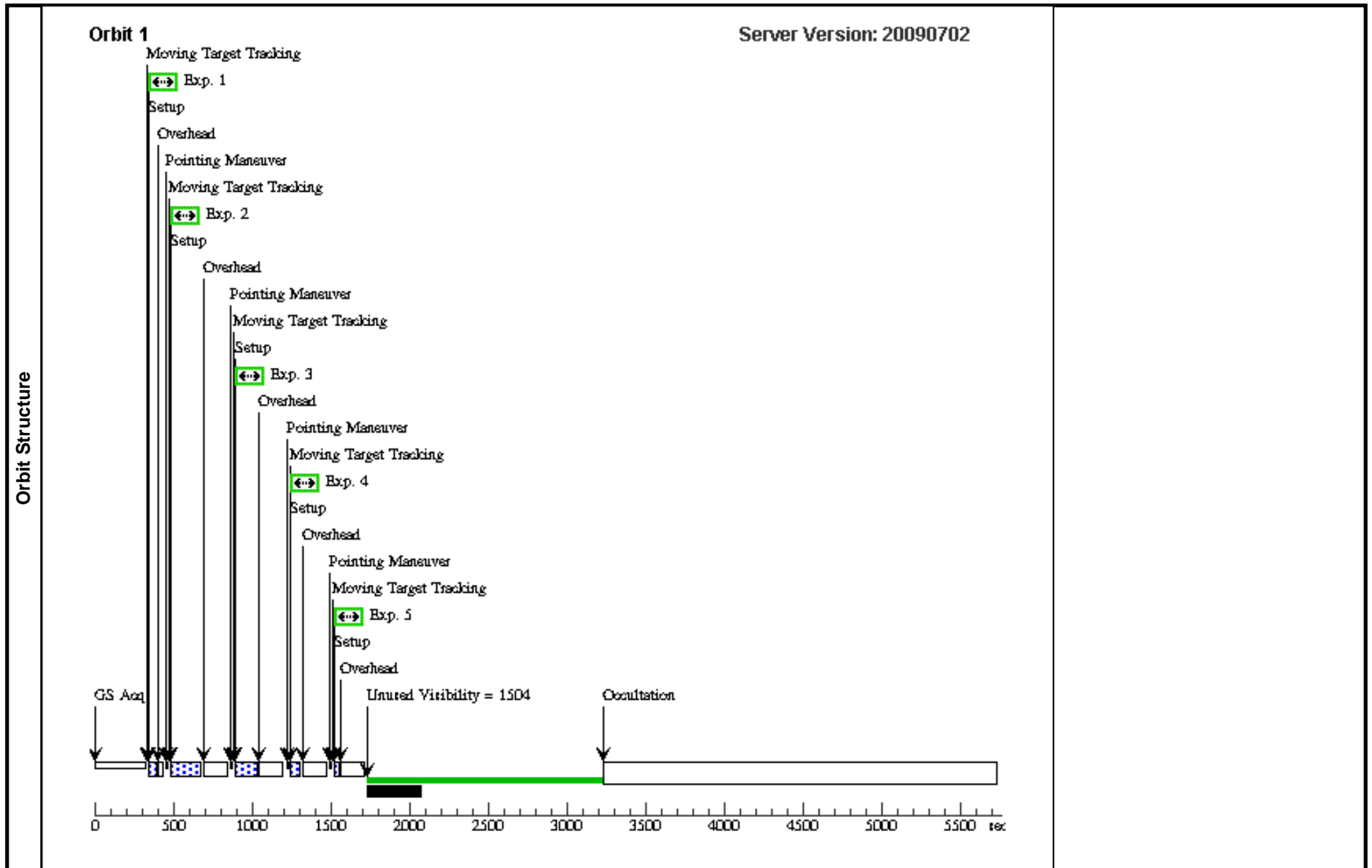
| Visit | Proposal 11630, Visit 19, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|-----------------|-----------------------------------|----------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (1) | URANUS-BLUE | STD=URANUS | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | | 18 Secs [==>] | [1] |
| | 2 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | | 6 Secs [==>] | [1] |
| | 3 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | | 22 Secs [==>] | [1] |
| | 4 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | | 40 Secs [==>] | [1] |
| | 5 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | | 60 Secs [==>] | [1] |
| | 6 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 20 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:29 GMT 2009

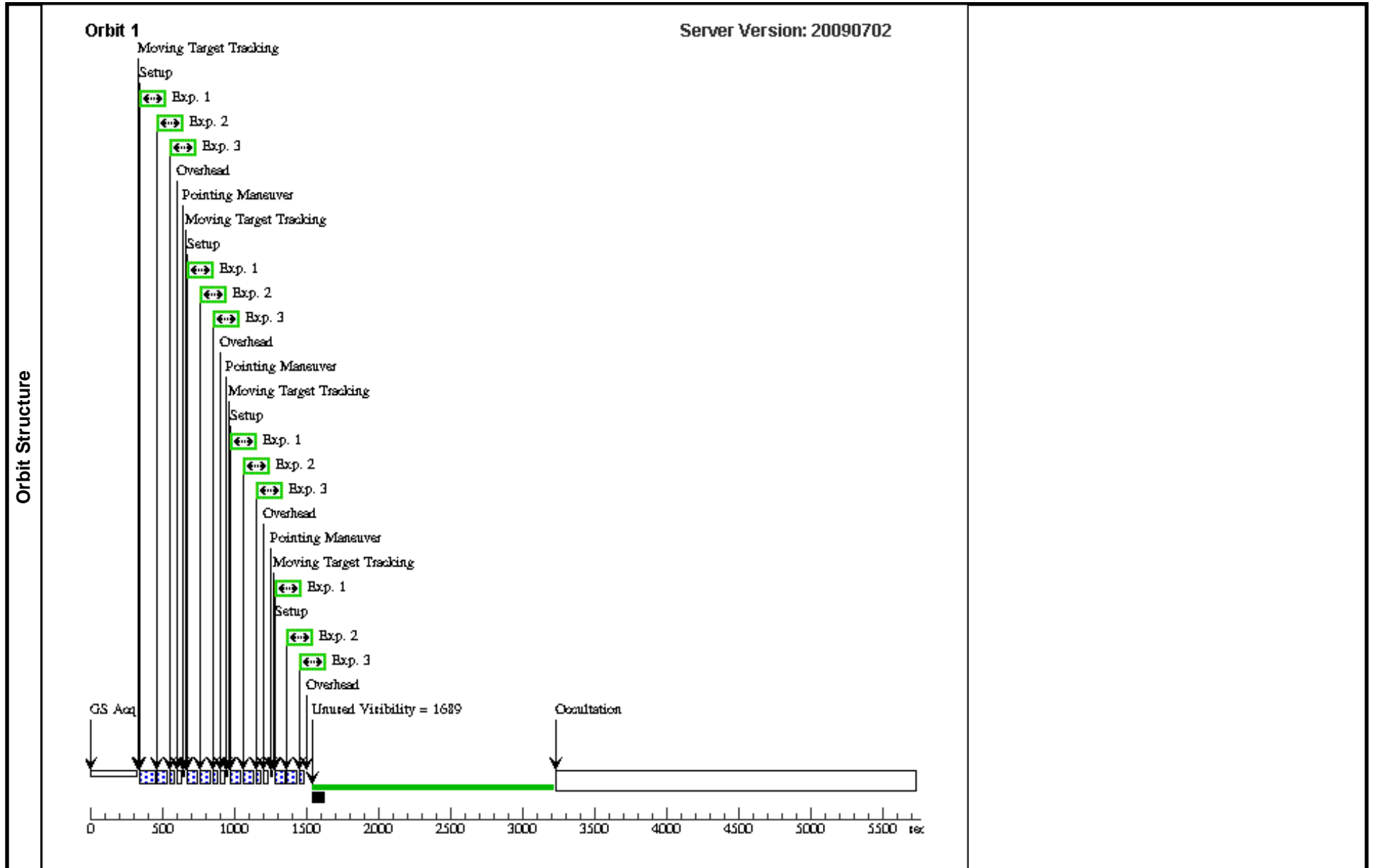
| | | | | | | | | | | |
|-----------------------------|--|----------------|-----------------------------------|-----------------------------|----------------------|---------------------|----------------------|---------------|--------------------------------|--------------|
| Visit | Proposal 11630, Visit 20, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
| | (Exposure 3 (Visit 20)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | |
| Diagnostics | | | | | | | | | | |
| | | | | | | | | | | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (2) | URANUS-CH4 | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] |
| | 2 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] |
| | 3 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] |
| | 4 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] |
| | 5 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] |
| | | | | | | | | | | |



Proposal 11630 - Visit 21 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:30 GMT 2009

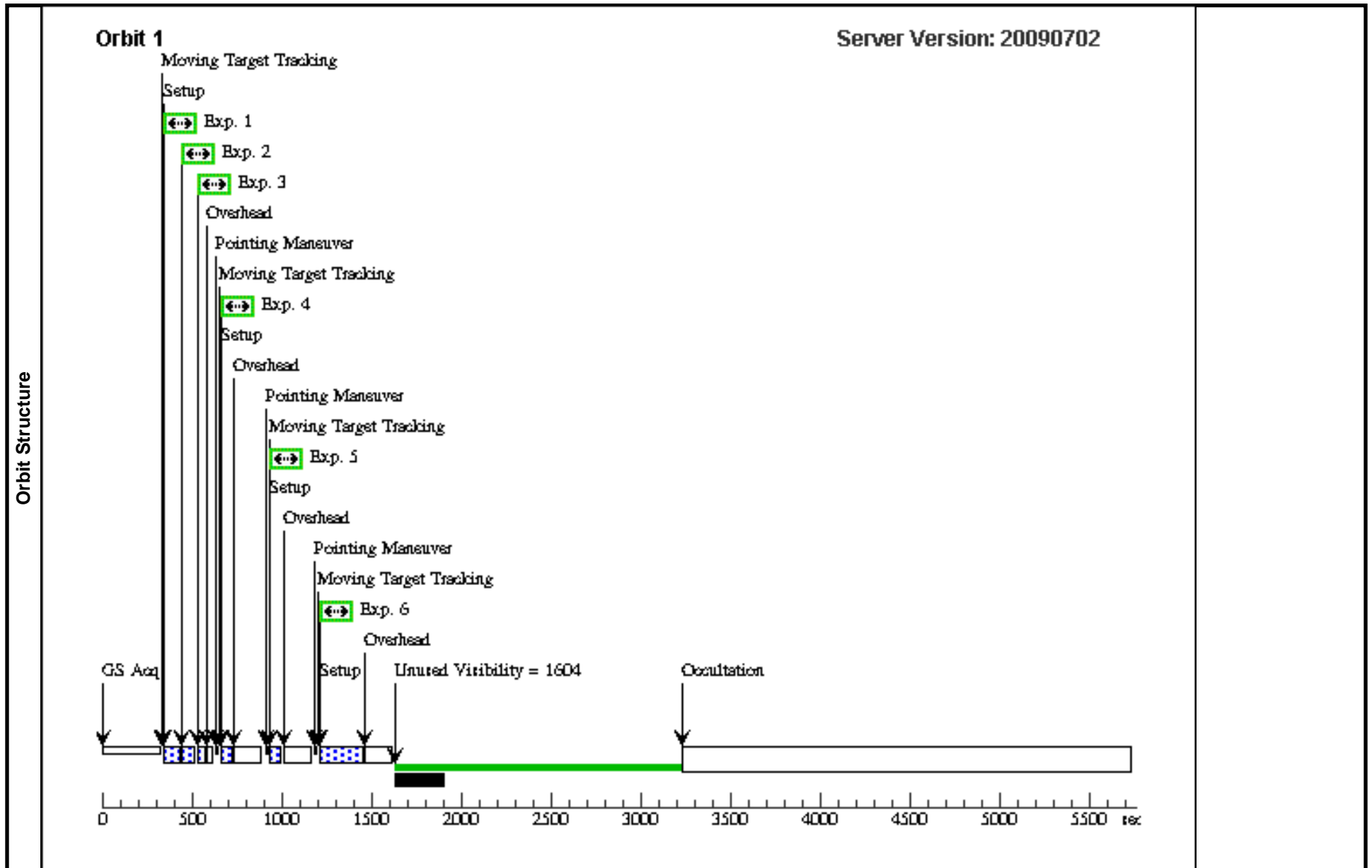
| Visit | Proposal 11630, Visit 21, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|-------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (3) | URANUS-MAX-CONTRAST | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 22 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:30 GMT 2009

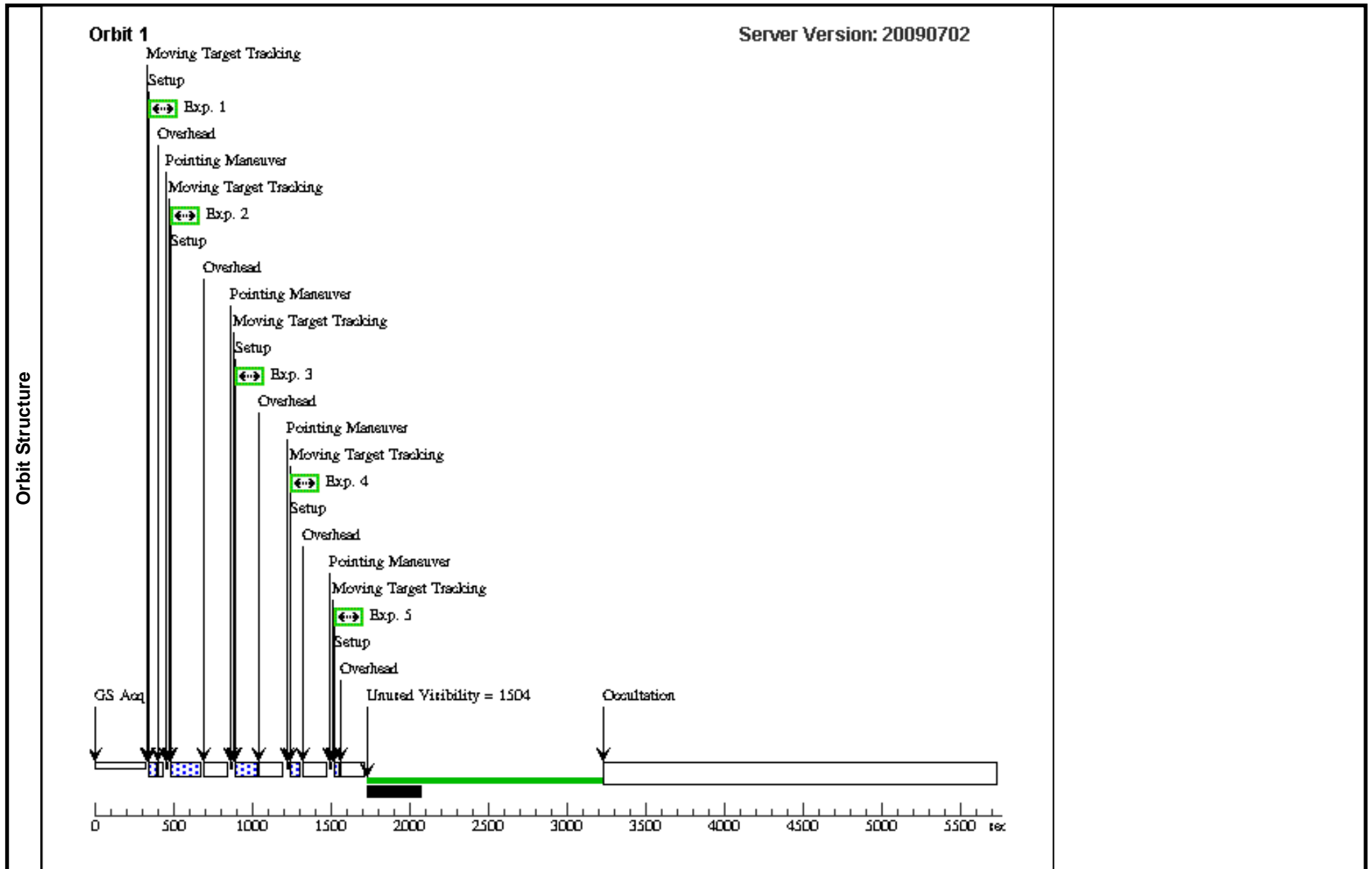
| Visit | Proposal 11630, Visit 22, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|--------------|----------------------|--------------------------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (4) | NEPTUNE-BLUE | STD=NEPTUNE | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | 18 Secs [==>] | [1] |
| | 2 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | 6 Secs [==>] | [1] |
| | 3 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | 22 Secs [==>] | [1] |
| | 4 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | 40 Secs [==>] | [1] |
| | 5 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | 60 Secs [==>] | [1] |
| | 6 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 23 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:30 GMT 2009

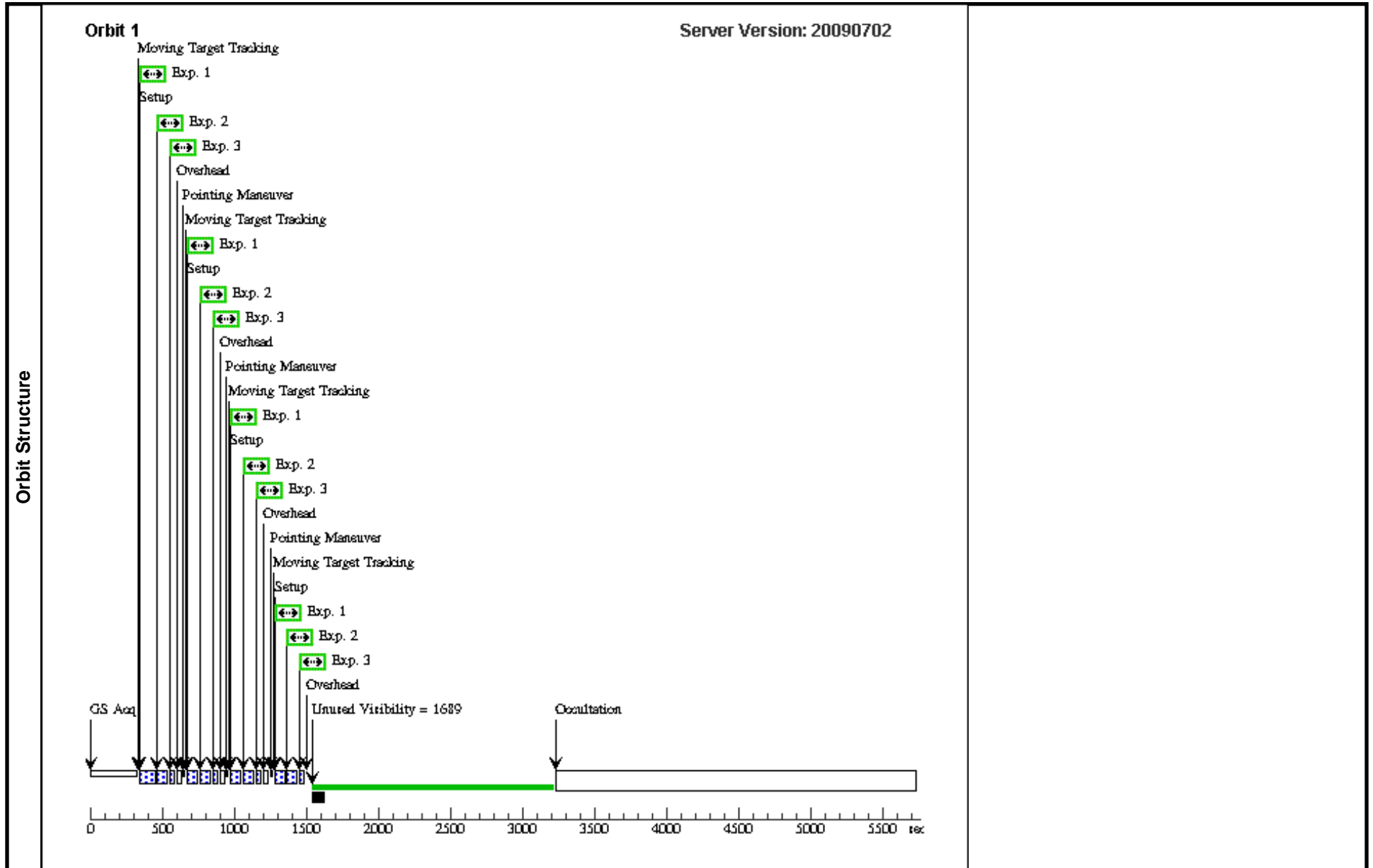
| | | | | | | | | | | | |
|-----------------------------|---|--|-----------------------------------|-----------------------------|----------------------|---------------------|----------------------|---------------------|--------------------------------|-----|--------------|
| Visit | Proposal 11630, Visit 23, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | | |
| | Diagnostics | (Exposure 3 (Visit 23)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | |
| Solar System Targets | | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | | Orbit |
| | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs | | |
| | | | | | | | | | [==>] | | [1] |
| | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs | | |
| | | | | | | | | | [==>] | | [1] |
| | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs | | |
| | | | | | | | | | [==>] | | [1] |
| 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs | | | |
| | | | | | | | | [==>] | | [1] | |
| 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs | | | |
| | | | | | | | | [==>] | | [1] | |



Proposal 11630 - Visit 24 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:31 GMT 2009

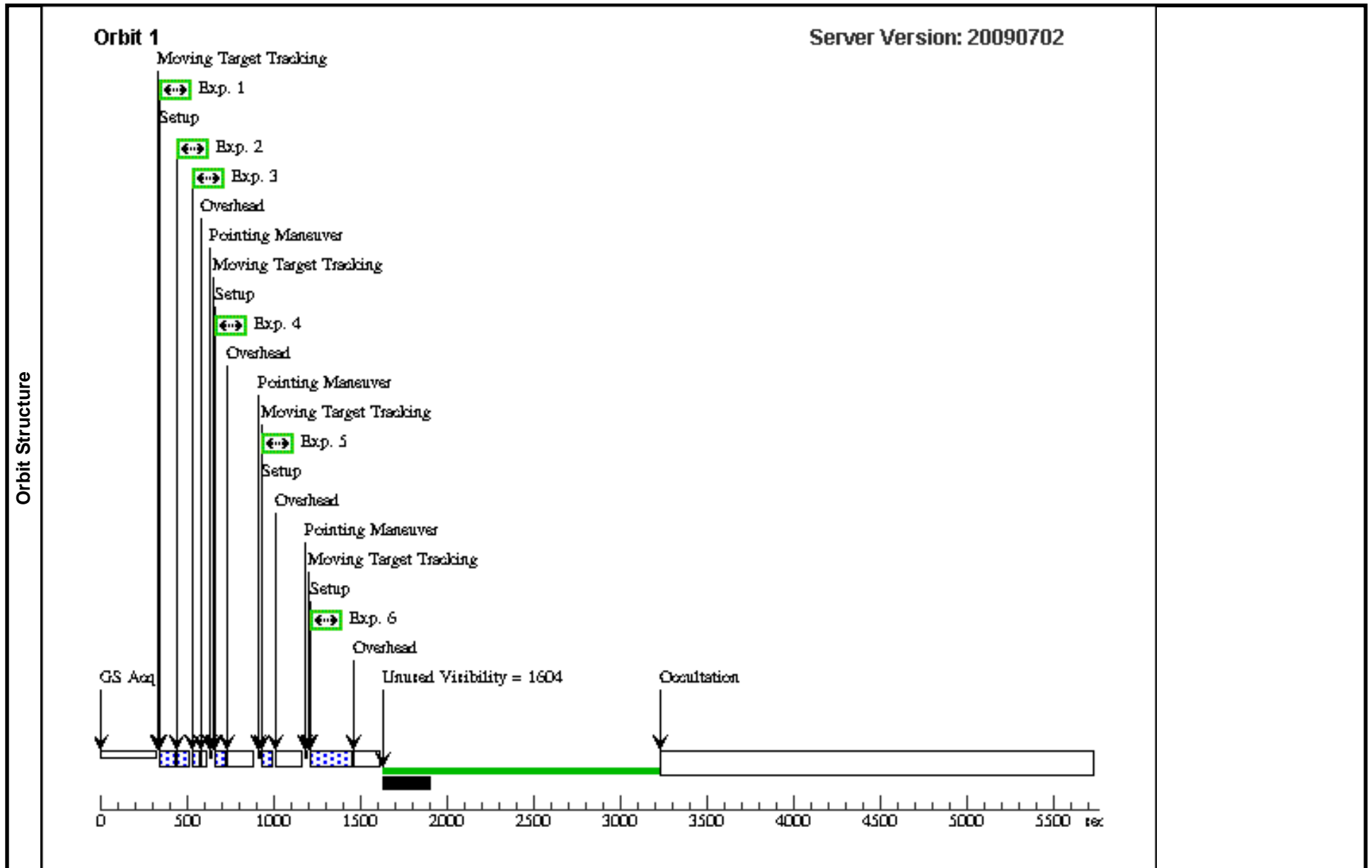
| Visit | Proposal 11630, Visit 24, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|---------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (6) | NEPTUNE-MAX-CONTRAST | STD=NEPTUNE | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 25 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:31 GMT 2009

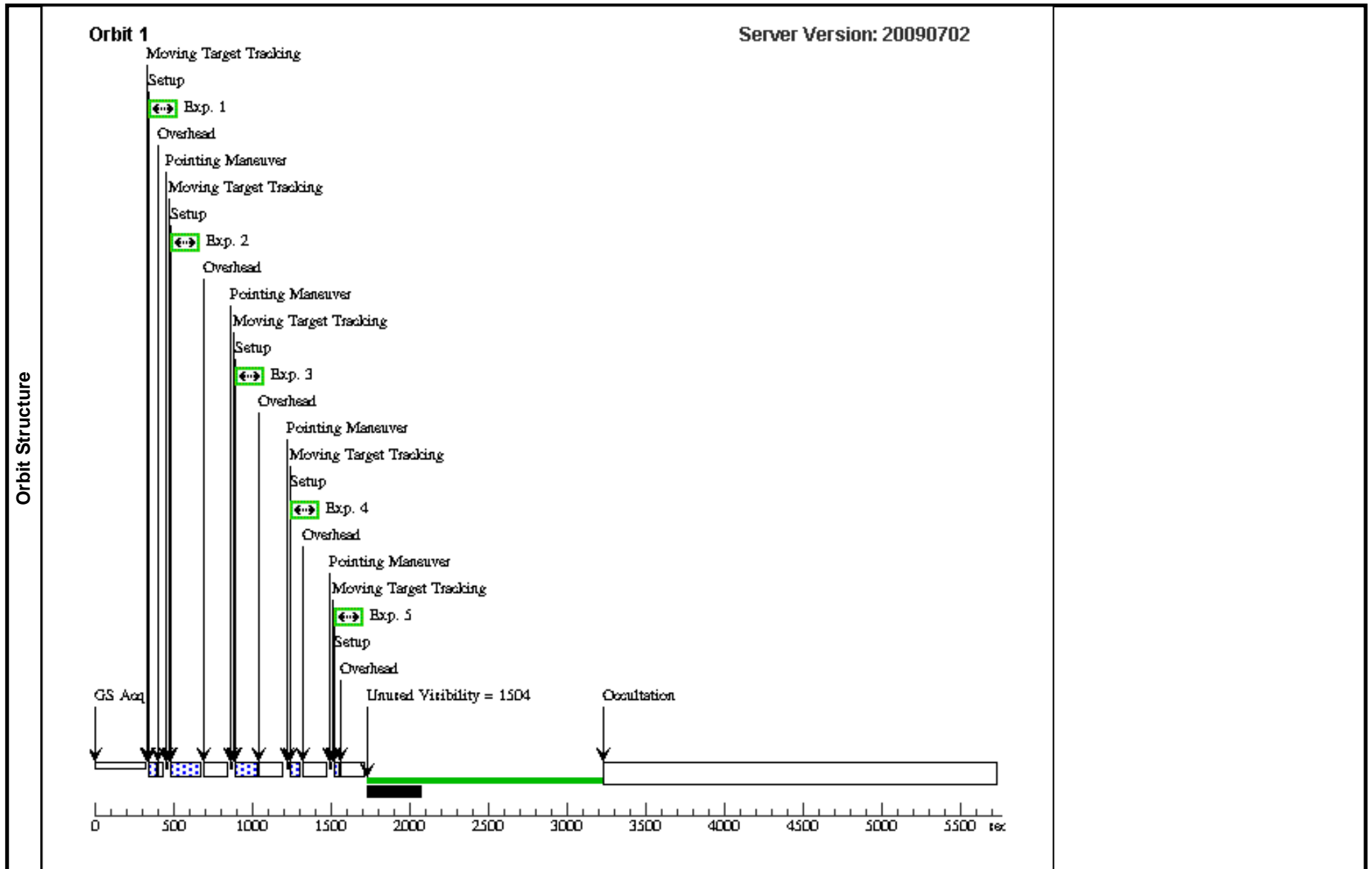
| Visit | Proposal 11630, Visit 25, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|-----------------|-----------------------------------|----------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (1) | URANUS-BLUE | STD=URANUS | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | | 18 Secs [==>] | [1] |
| | 2 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | | 6 Secs [==>] | [1] |
| | 3 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | | 22 Secs [==>] | [1] |
| | 4 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | | 40 Secs [==>] | [1] |
| | 5 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | | 60 Secs [==>] | [1] |
| | 6 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 26 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:31 GMT 2009

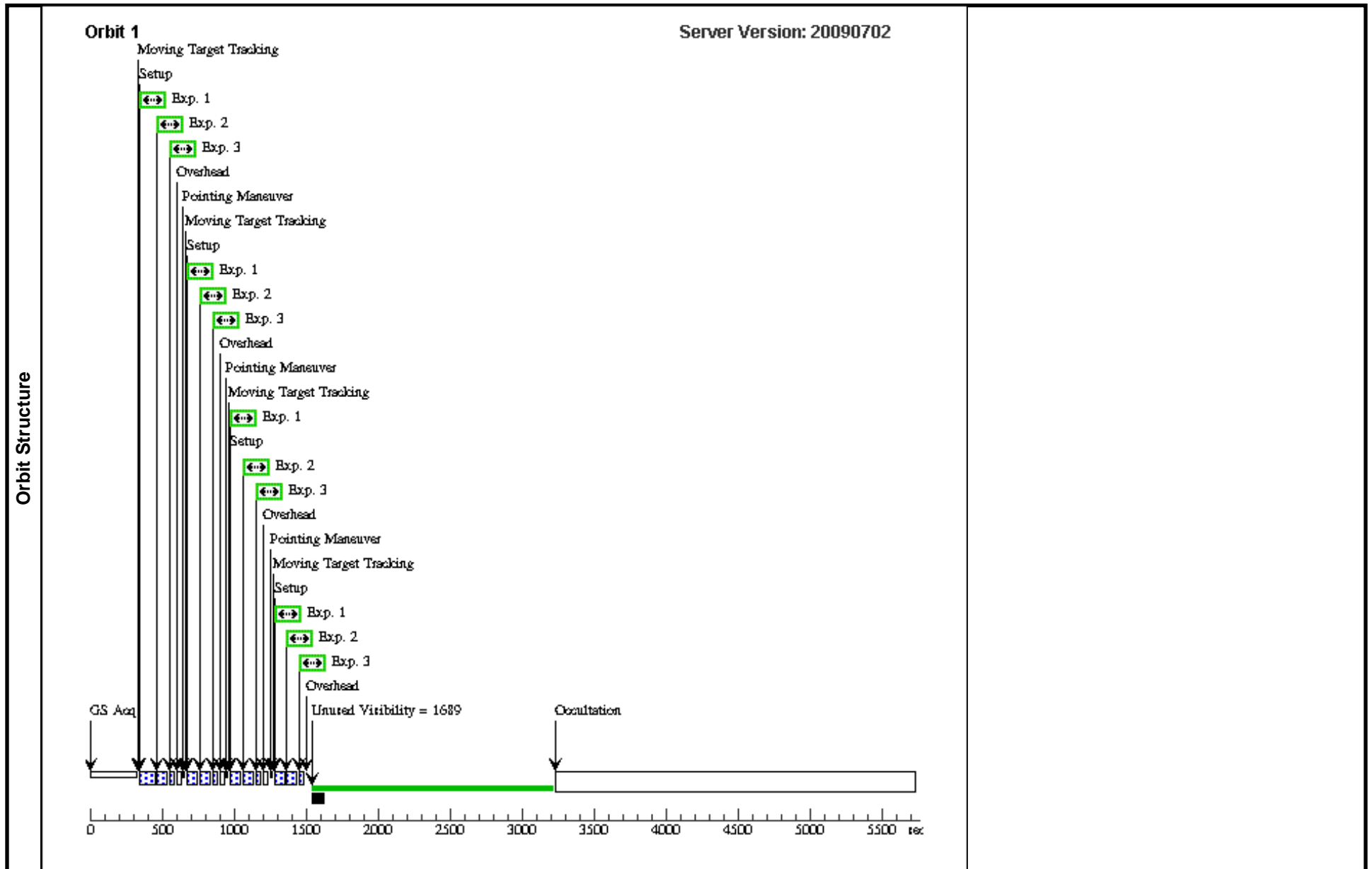
| | | | | | | | | | | |
|-----------------------------|--|----------------|-----------------------------------|-----------------------------|----------------------|---------------------|----------------------|---------------|--------------------------------|--------------|
| Visit | Proposal 11630, Visit 26, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
| | (Exposure 3 (Visit 26)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | |
| Diagnostics | | | | | | | | | | |
| | | | | | | | | | | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (2) | URANUS-CH4 | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] |
| | 2 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] |
| | 3 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] |
| | 4 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] |
| | 5 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] |
| | | | | | | | | | | |



Proposal 11630 - Visit 27 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:32 GMT 2009

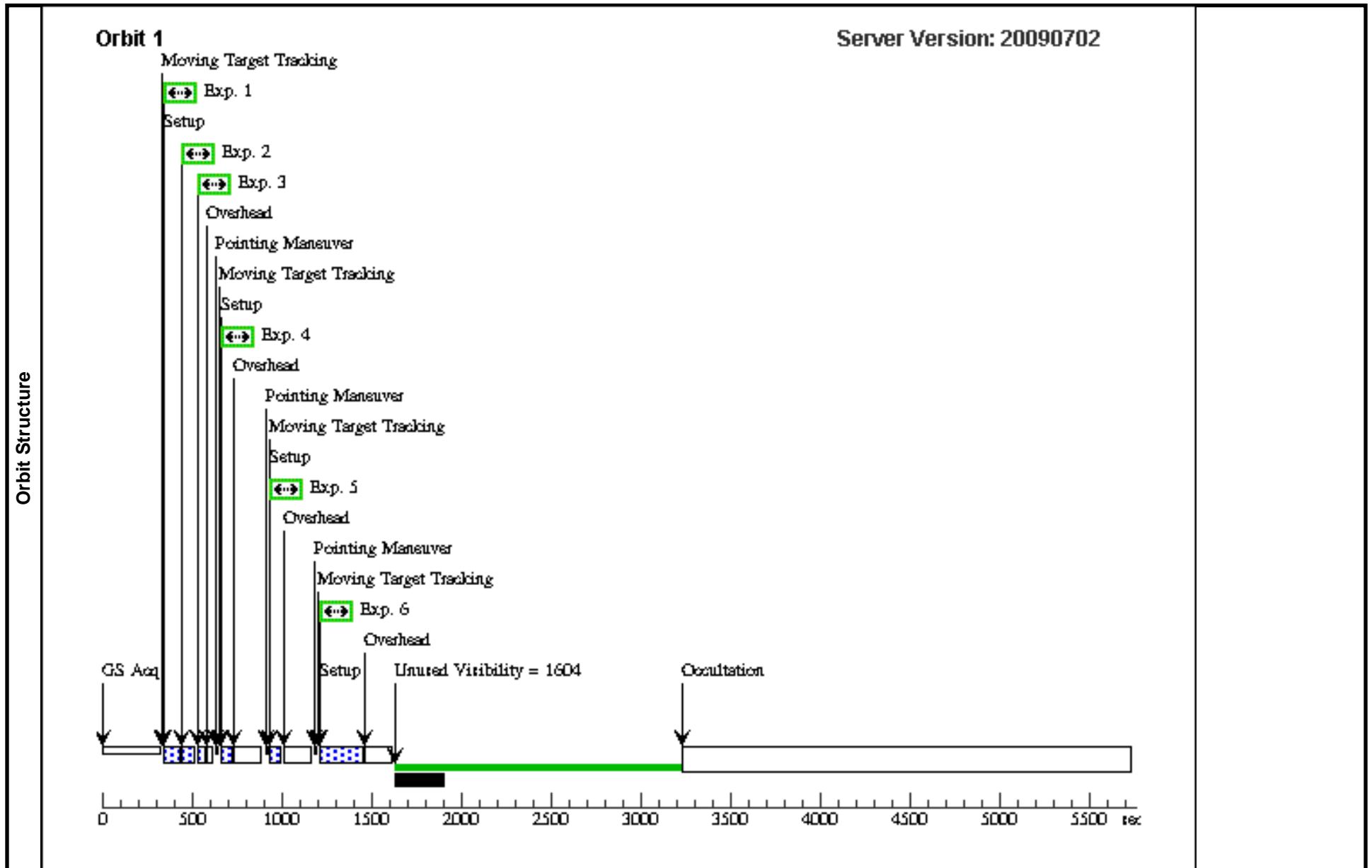
| Visit | Proposal 11630, Visit 27, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|-------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (3) | URANUS-MAX-CONTRAST | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 28 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:32 GMT 2009

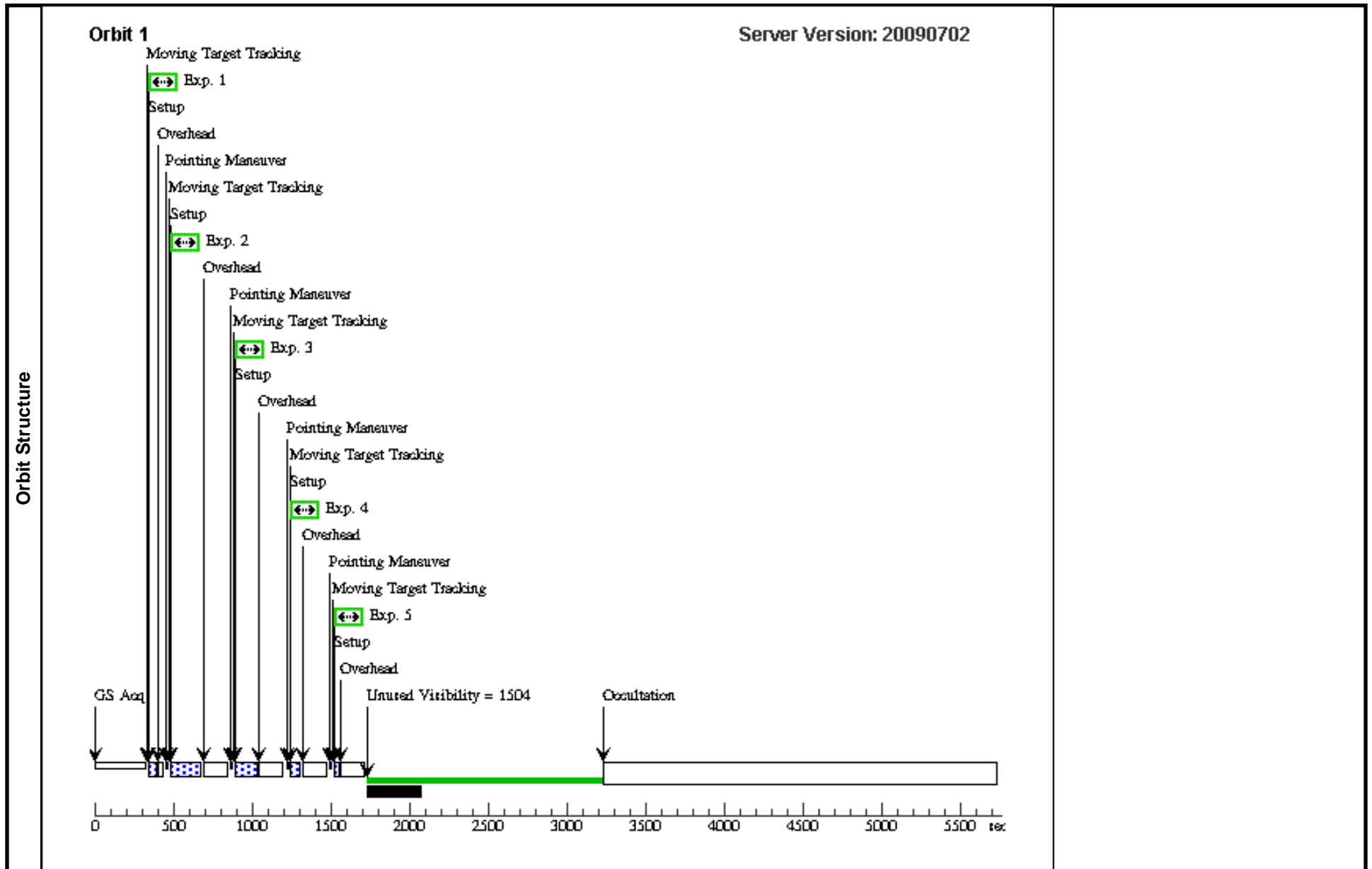
| Visit | Proposal 11630, Visit 28, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|--------------|----------------------|--------------------------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (4) | NEPTUNE-BLUE | STD=NEPTUNE | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | 18 Secs [==>] | [1] |
| | 2 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | 6 Secs [==>] | [1] |
| | 3 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | 22 Secs [==>] | [1] |
| | 4 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | 40 Secs [==>] | [1] |
| | 5 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | 60 Secs [==>] | [1] |
| | 6 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 29 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:33 GMT 2009

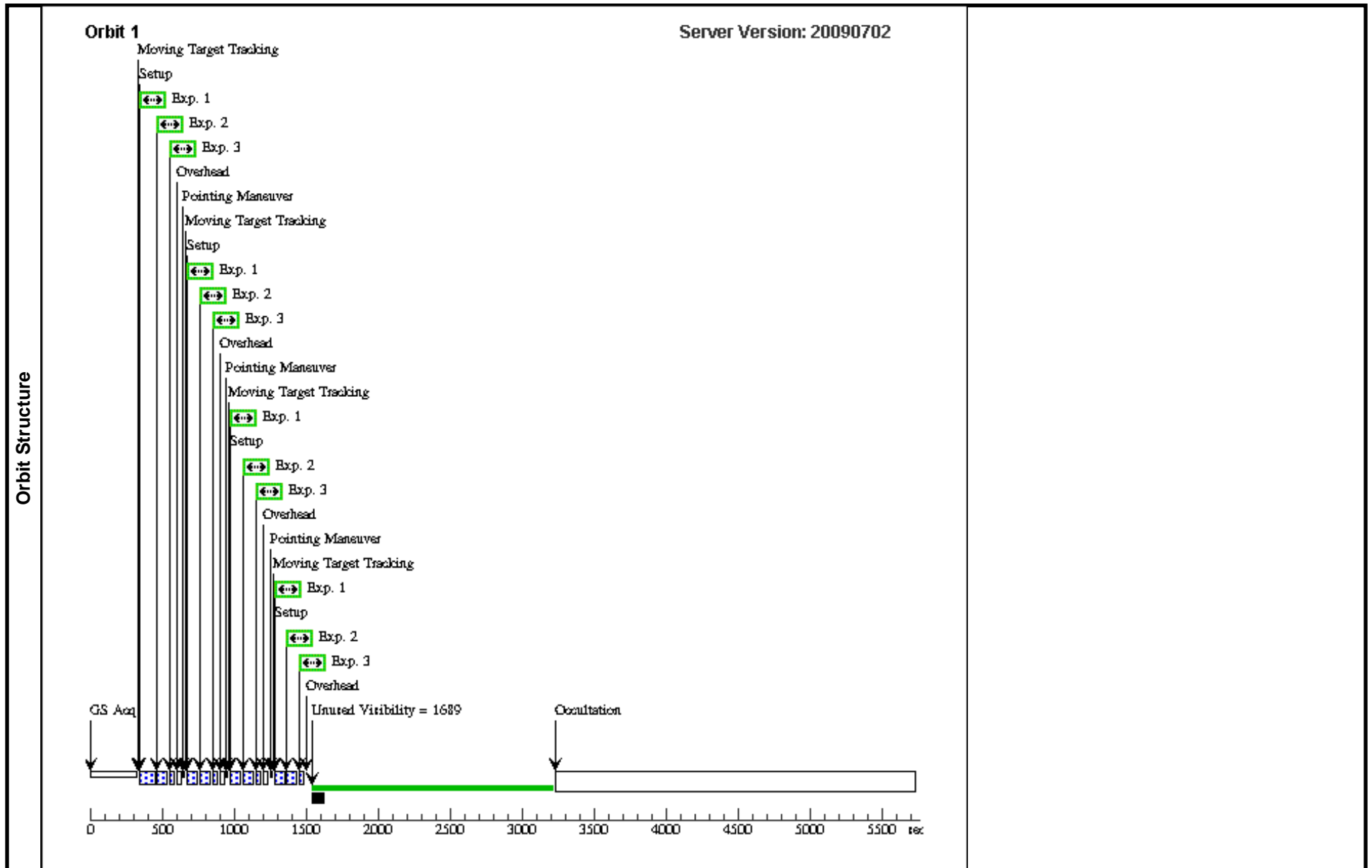
| Visit | Proposal 11630, Visit 29, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|-----------------|-----------------------------------|----------------------|----------------------|------------------|---------------|---------------|-------------------------|-------------------------|-------------|---|-----------------|-----------------------------------|-------|-------------|--|--|--|------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|-------------------|-----|---|-----------------|---------------------------------|--------|-------------|------------------|--|--|-------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|------------------|-----|--|--|--|--|--|--|--|--|--|
| | (Exposure 3 (Visit 29)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solar System Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>NEPTUNE-CH4</td> <td>STD=NEPTUNE</td> <td></td> <td></td> <td></td> <td>EARTH</td> </tr> </tbody> </table> | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS1-C512B-SUB</td> <td>F775W</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>19 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ889N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>175 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ906N</td> <td>CR-SPLIT=NO</td> <td>POS TARG +25,+25</td> <td></td> <td></td> <td>140 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ924N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>58 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ937N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>28 Secs [==>]</td> <td>[1]</td> </tr> </tbody> </table> | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] | 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] | 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] | | | | | | | | | |
| | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Proposal 11630 - Visit 30 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:33 GMT 2009

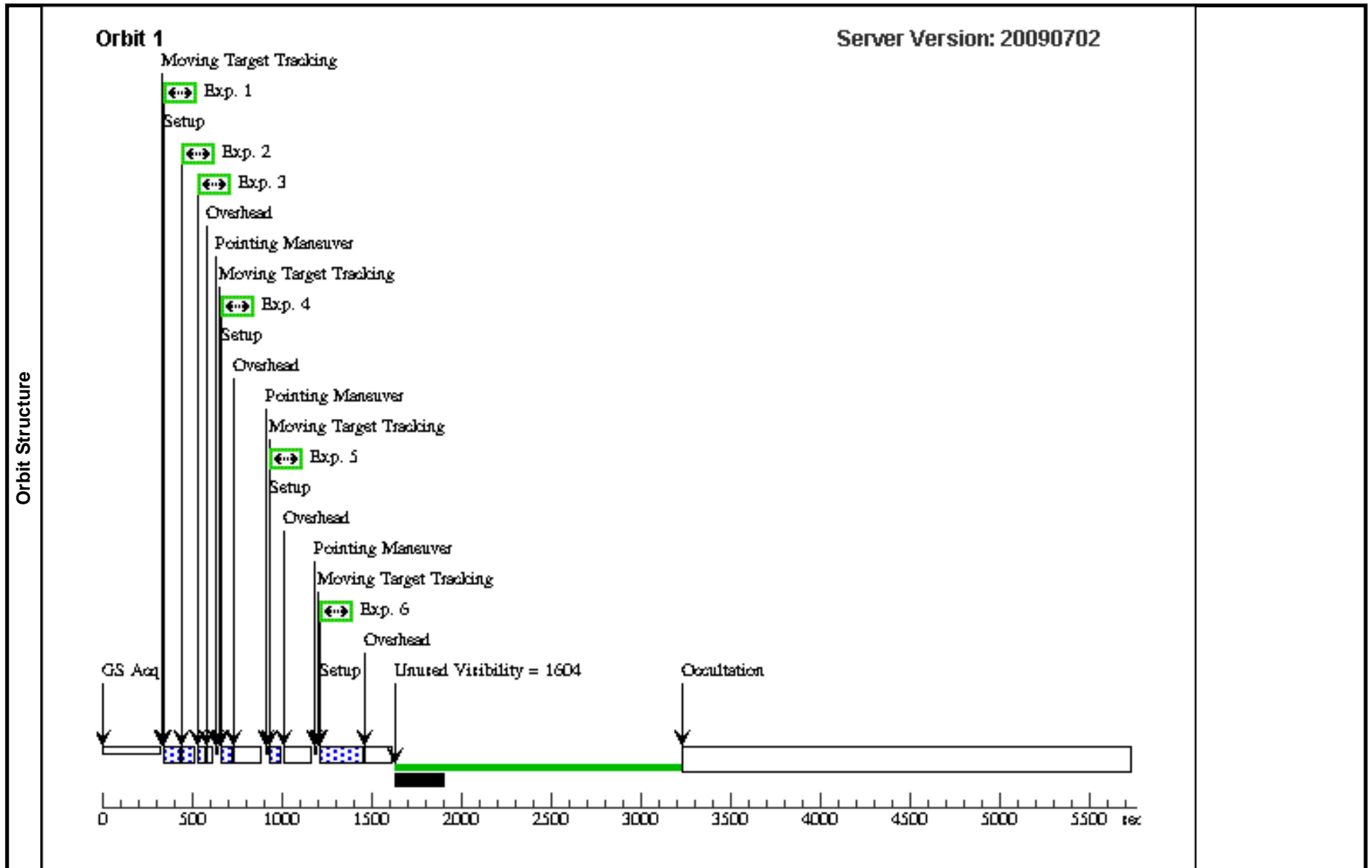
| Visit | Proposal 11630, Visit 30, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|---------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (6) | NEPTUNE-MAX-CONTRAST | STD=NEPTUNE | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 31 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:33 GMT 2009

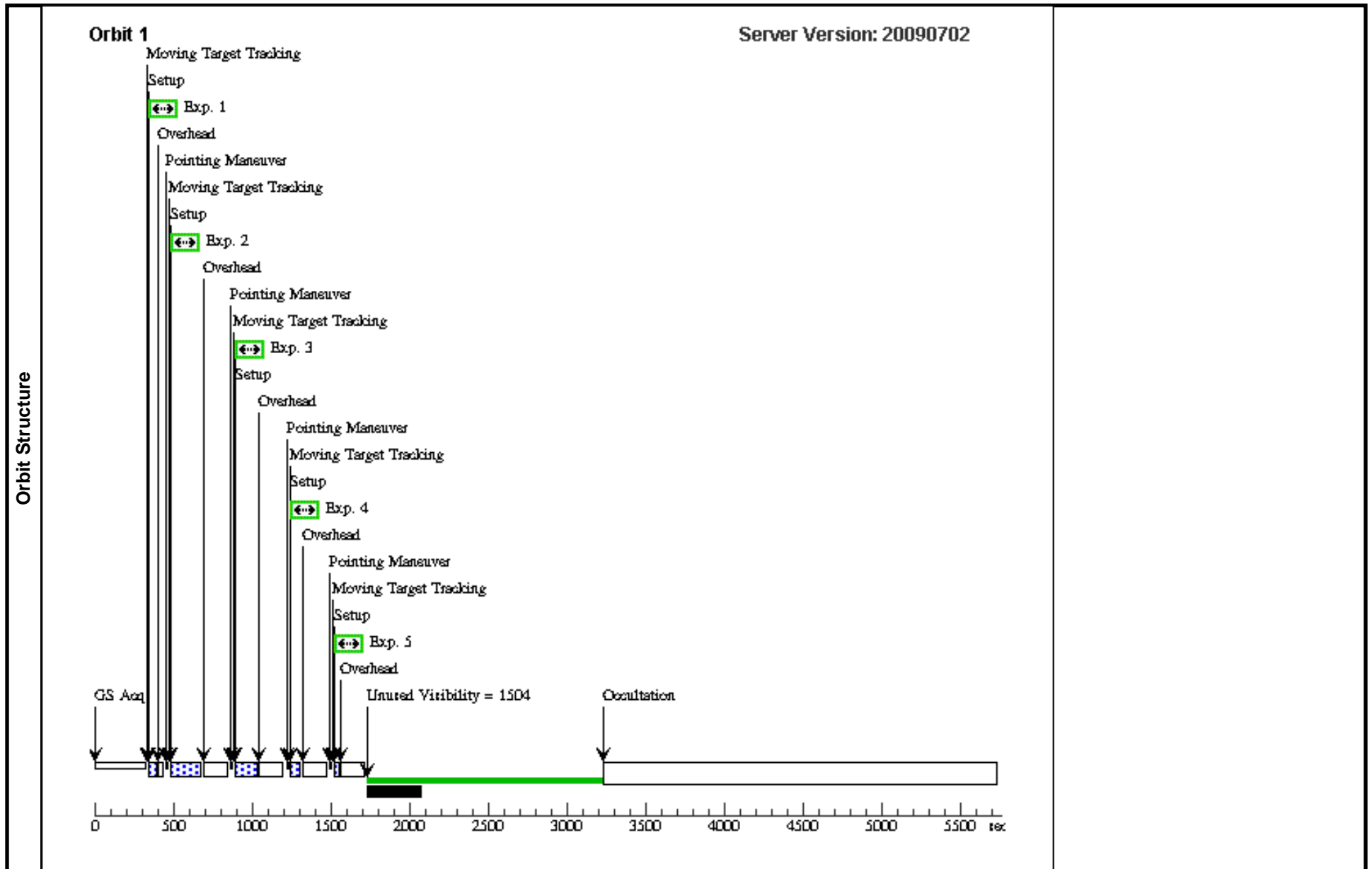
| Visit | Proposal 11630, Visit 31, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|-----------------|-----------------------------------|----------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (1) | URANUS-BLUE | STD=URANUS | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | | 18 Secs [==>] | [1] |
| | 2 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | | 6 Secs [==>] | [1] |
| | 3 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | | 22 Secs [==>] | [1] |
| | 4 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | | 40 Secs [==>] | [1] |
| | 5 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | | 60 Secs [==>] | [1] |
| | 6 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 32 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:33 GMT 2009

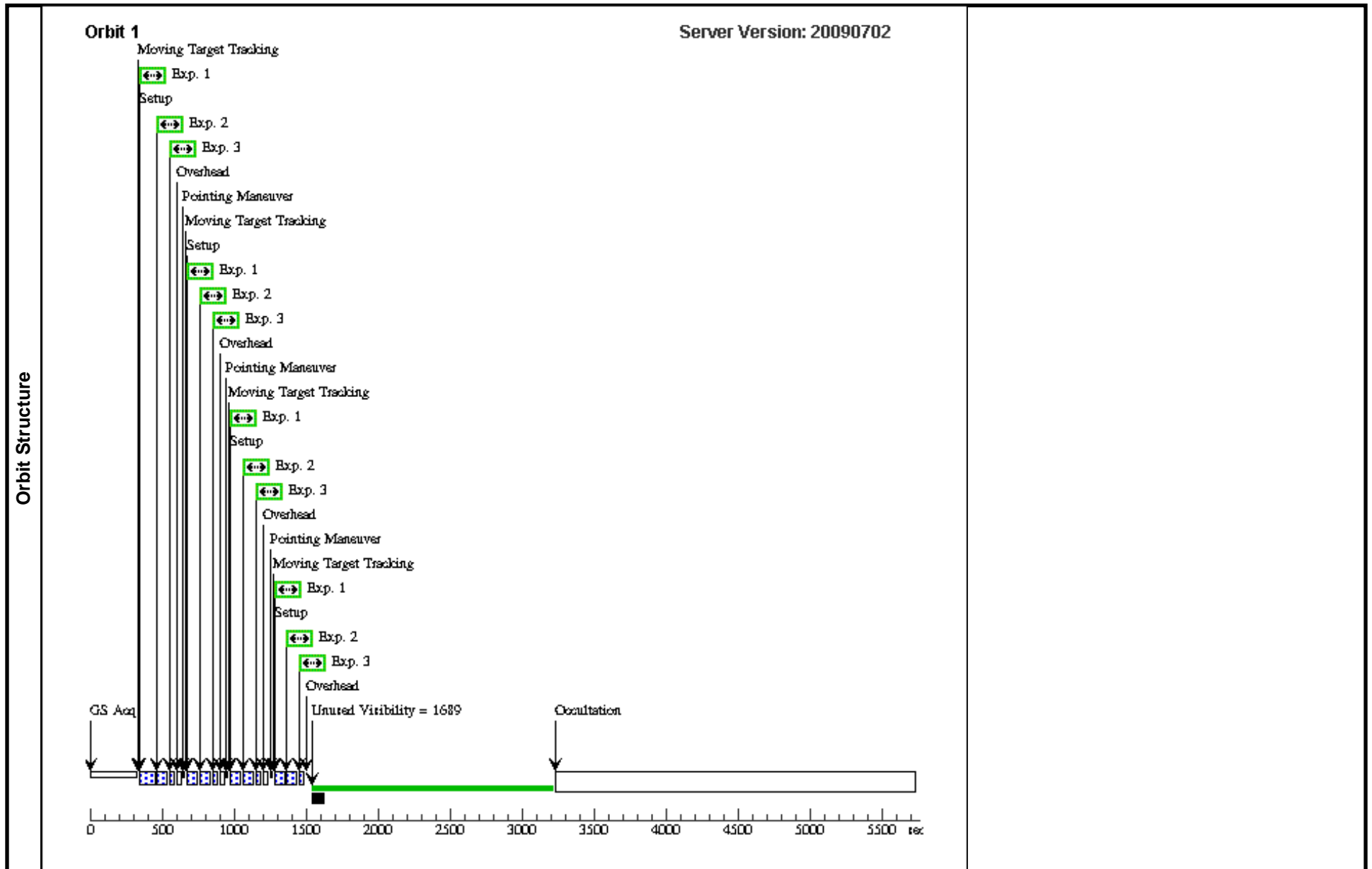
| | | | | | | | | | | |
|-----------------------------|--|----------------|-----------------------------------|-----------------------------|----------------------|---------------------|----------------------|---------------|--------------------------------|--------------|
| Visit | Proposal 11630, Visit 32, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
| | (Exposure 3 (Visit 32)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | |
| Diagnostics | | | | | | | | | | |
| | | | | | | | | | | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (2) | URANUS-CH4 | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] |
| | 2 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] |
| | 3 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] |
| | 4 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] |
| | 5 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] |
| | | | | | | | | | | |



Proposal 11630 - Visit 33 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:34 GMT 2009

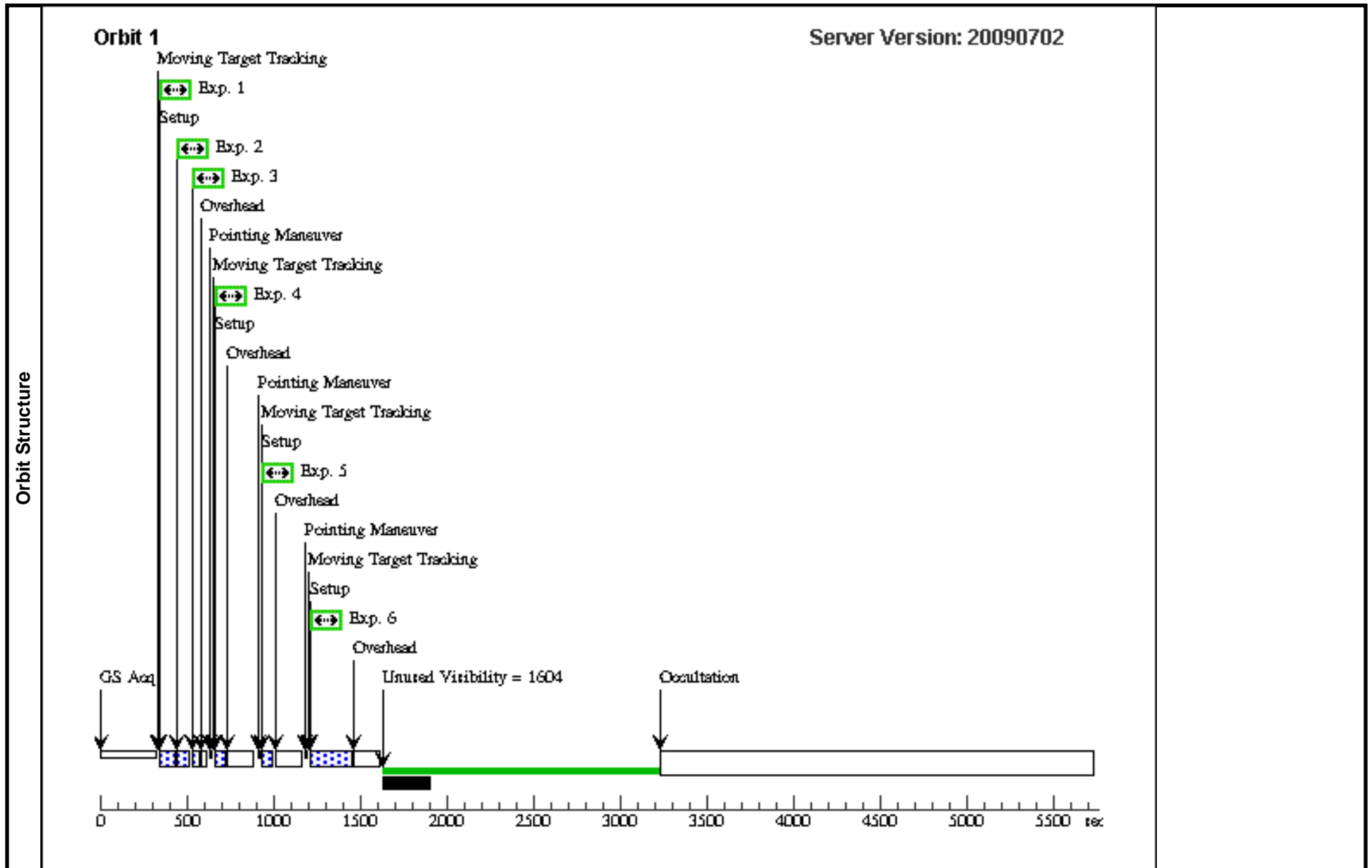
| Visit | Proposal 11630, Visit 33, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|---|-------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (3) | URANUS-MAX-CONTRAST | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 34 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:34 GMT 2009

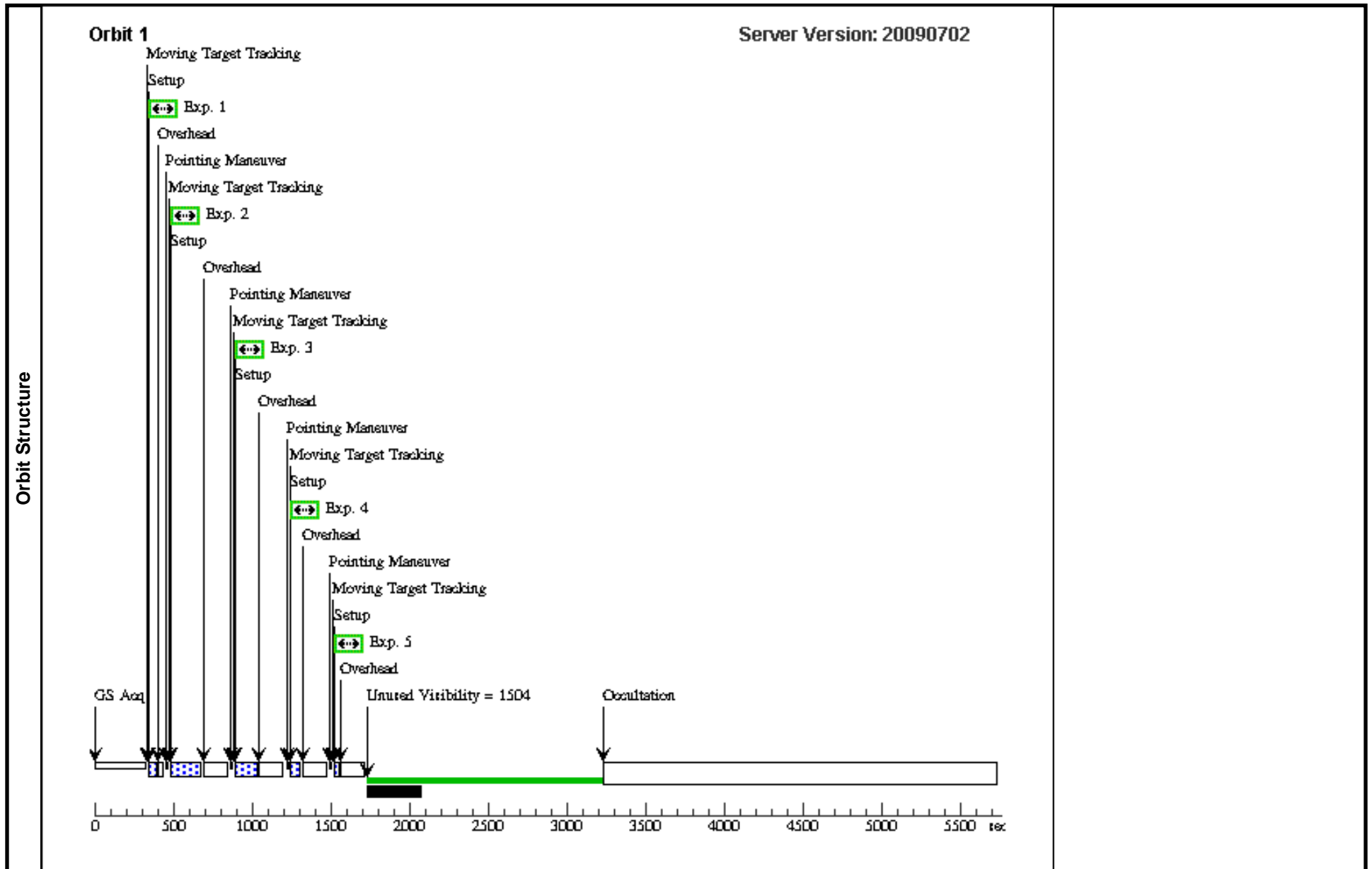
| Visit | Proposal 11630, Visit 34, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|----------------------|--------------------------------------|----------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (4) | NEPTUNE-BLUE | STD=NEPTUNE | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | | 18 Secs [==>] | [1] |
| | 2 | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | | 6 Secs [==>] | [1] |
| | 3 | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | | 22 Secs [==>] | [1] |
| | 4 | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | | 40 Secs [==>] | [1] |
| | 5 | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | | 60 Secs [==>] | [1] |
| | 6 | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 35 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:34 GMT 2009

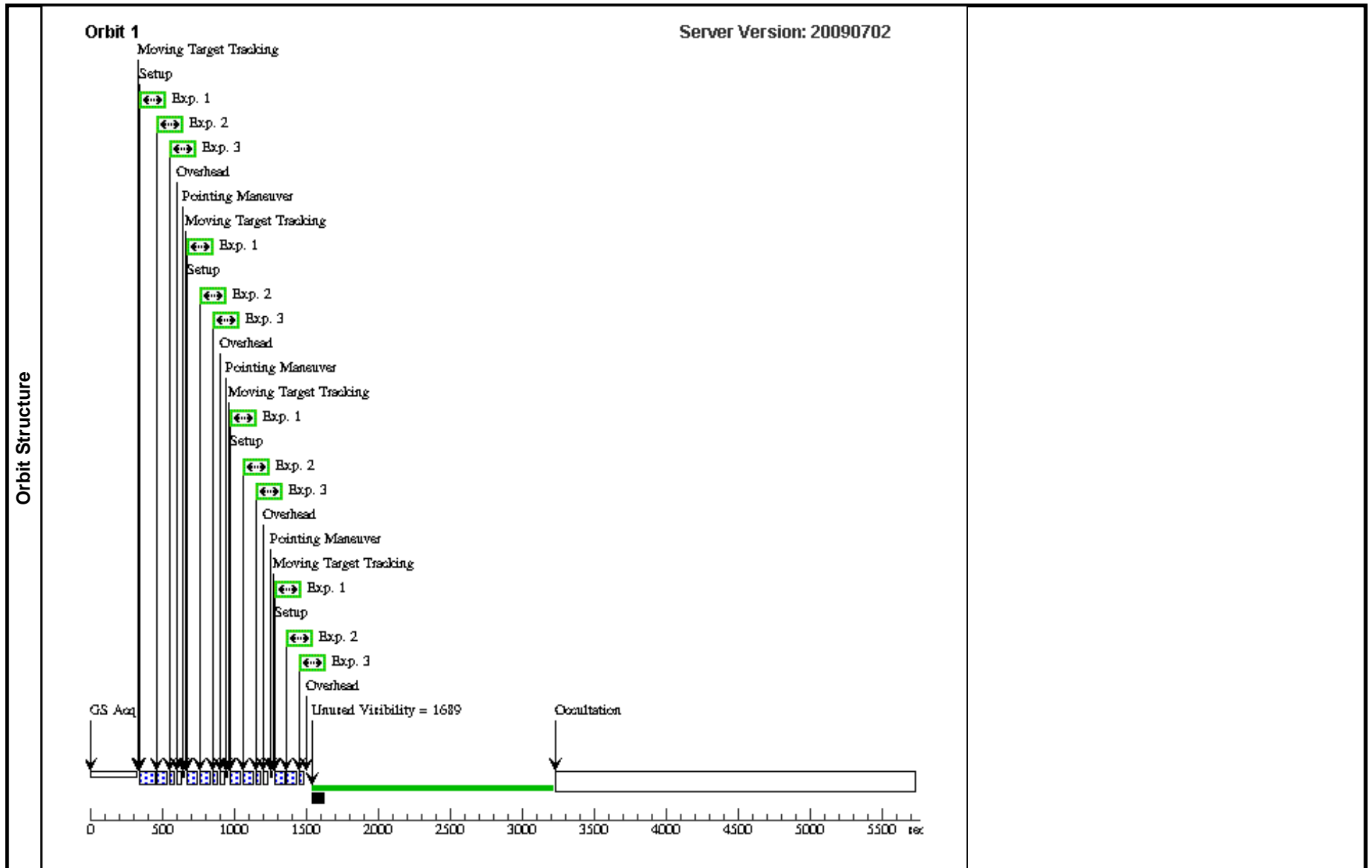
| | | | | | | | | | | | |
|-----------------------------|---|--|-----------------------------------|-----------------------------|----------------------|---------------------|----------------------|---------------------|--------------------------------|-----|--------------|
| Visit | Proposal 11630, Visit 35, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | | |
| | Diagnostics | (Exposure 3 (Visit 35)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | |
| Solar System Targets | | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | | Orbit |
| | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs | | |
| | | | | | | | | | [==>] | | [1] |
| | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs | | |
| | | | | | | | | | [==>] | | [1] |
| | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs | | |
| | | | | | | | | | [==>] | | [1] |
| 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs | | | |
| | | | | | | | | [==>] | | [1] | |
| 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs | | | |
| | | | | | | | | [==>] | | [1] | |



Proposal 11630 - Visit 36 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:35 GMT 2009

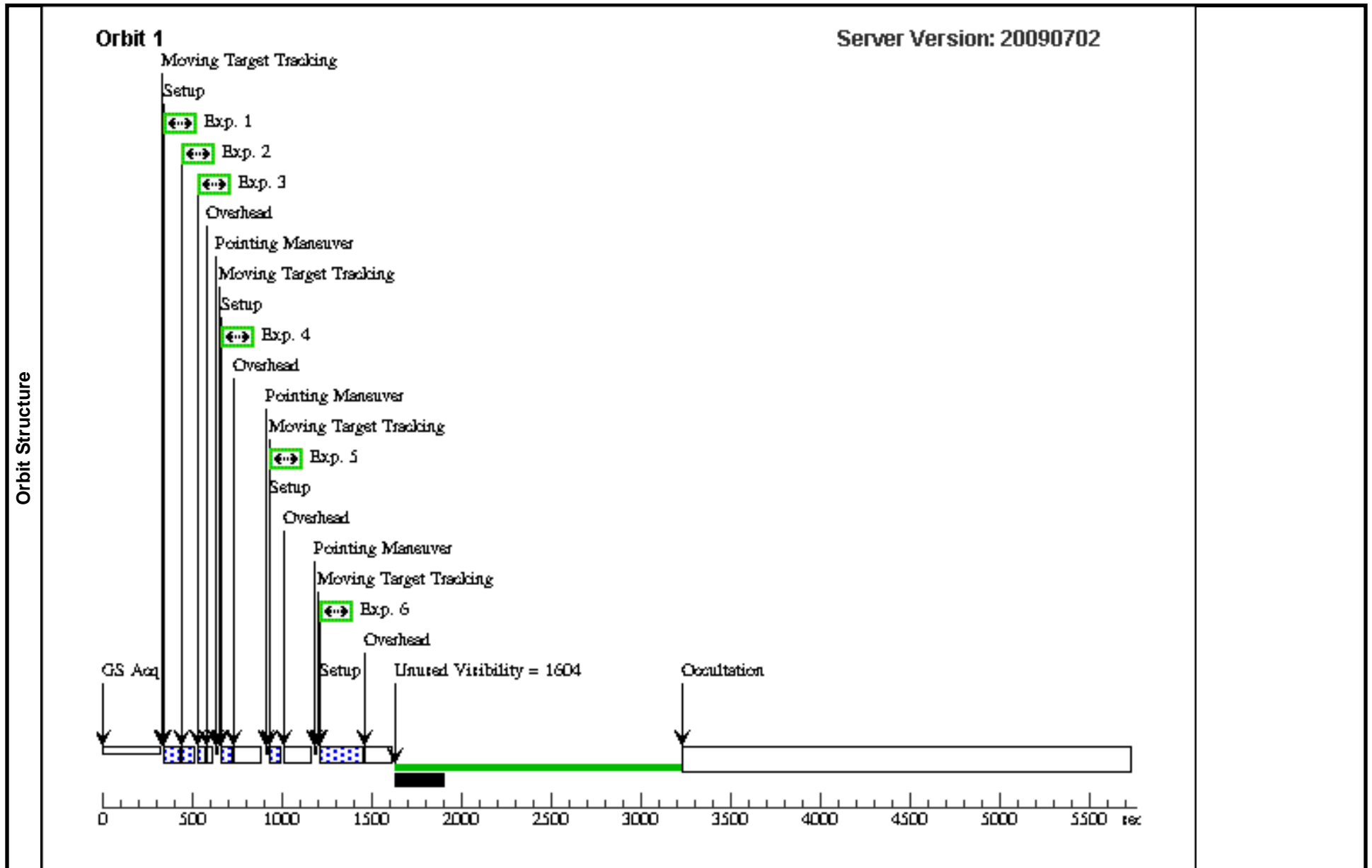
| Visit | Proposal 11630, Visit 36, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|---------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (6) | NEPTUNE-MAX-CONTRAST | STD=NEPTUNE | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 37 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:35 GMT 2009

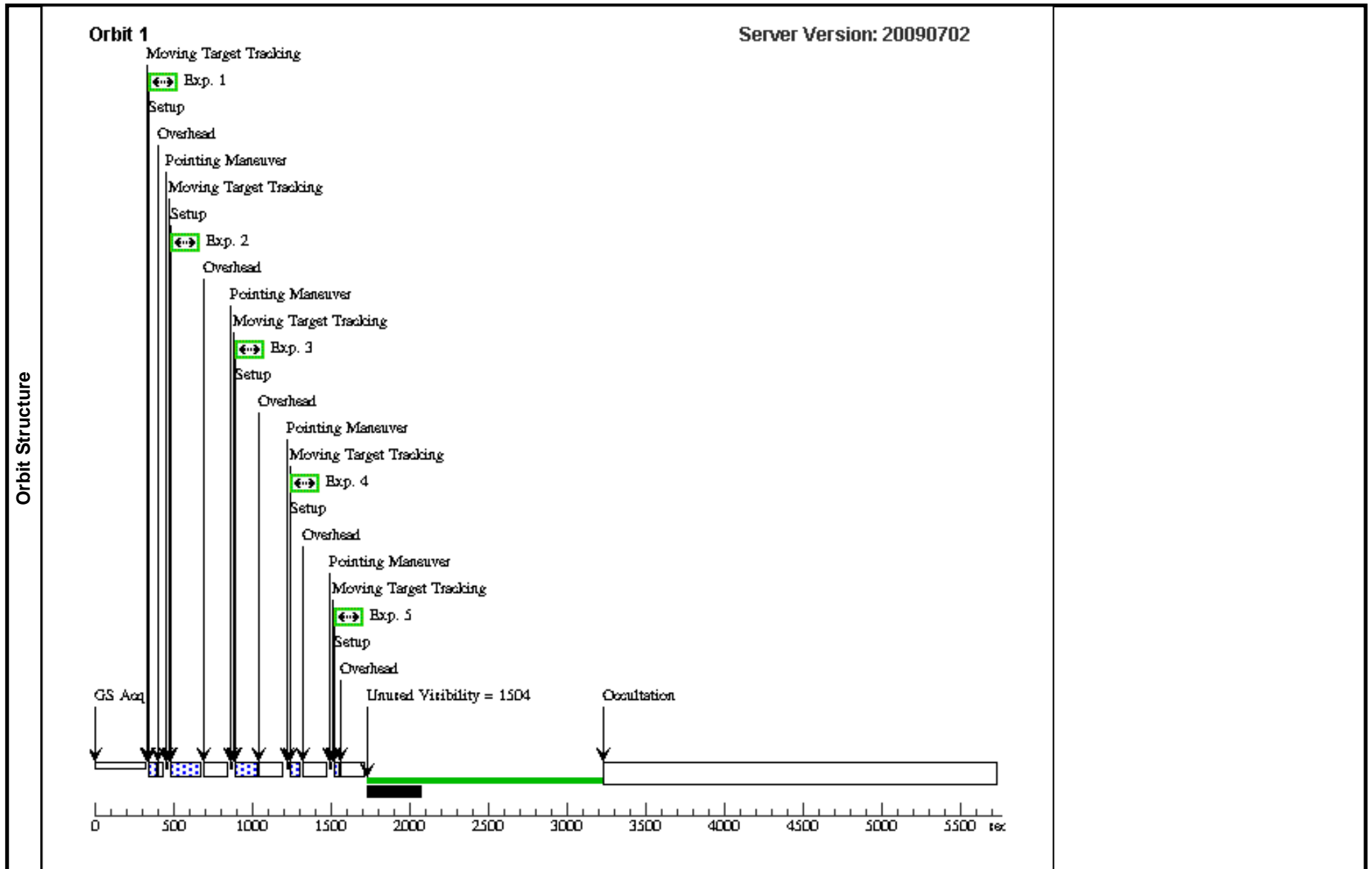
| Visit | Proposal 11630, Visit 37, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|-----------------|-----------------------------------|----------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (1) | URANUS-BLUE | STD=URANUS | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | | 18 Secs [==>] | [1] |
| | 2 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | | 6 Secs [==>] | [1] |
| | 3 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | | 22 Secs [==>] | [1] |
| | 4 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | | 40 Secs [==>] | [1] |
| | 5 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | | 60 Secs [==>] | [1] |
| | 6 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 38 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:35 GMT 2009

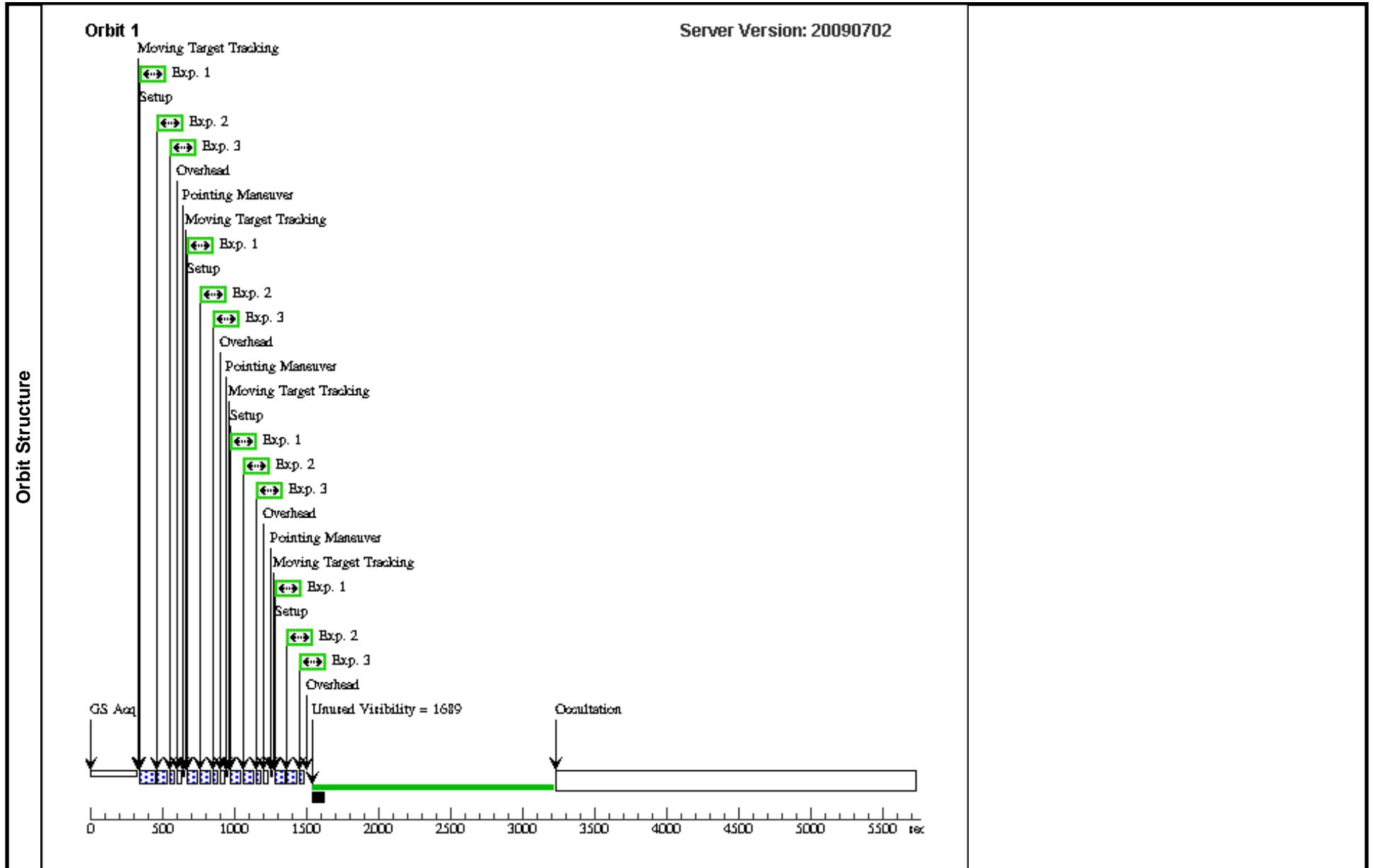
| | | | | | | | | | | |
|-----------------------------|--|----------------|-----------------------------------|-----------------------------|----------------------|---------------------|----------------------|---------------|--------------------------------|--------------|
| Visit | Proposal 11630, Visit 38, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
| | (Exposure 3 (Visit 38)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | |
| Diagnostics | | | | | | | | | | |
| | | | | | | | | | | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (2) | URANUS-CH4 | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] |
| | 2 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] |
| | 3 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] |
| | 4 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] |
| | 5 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] |
| | | | | | | | | | | |



Proposal 11630 - Visit 39 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:35 GMT 2009

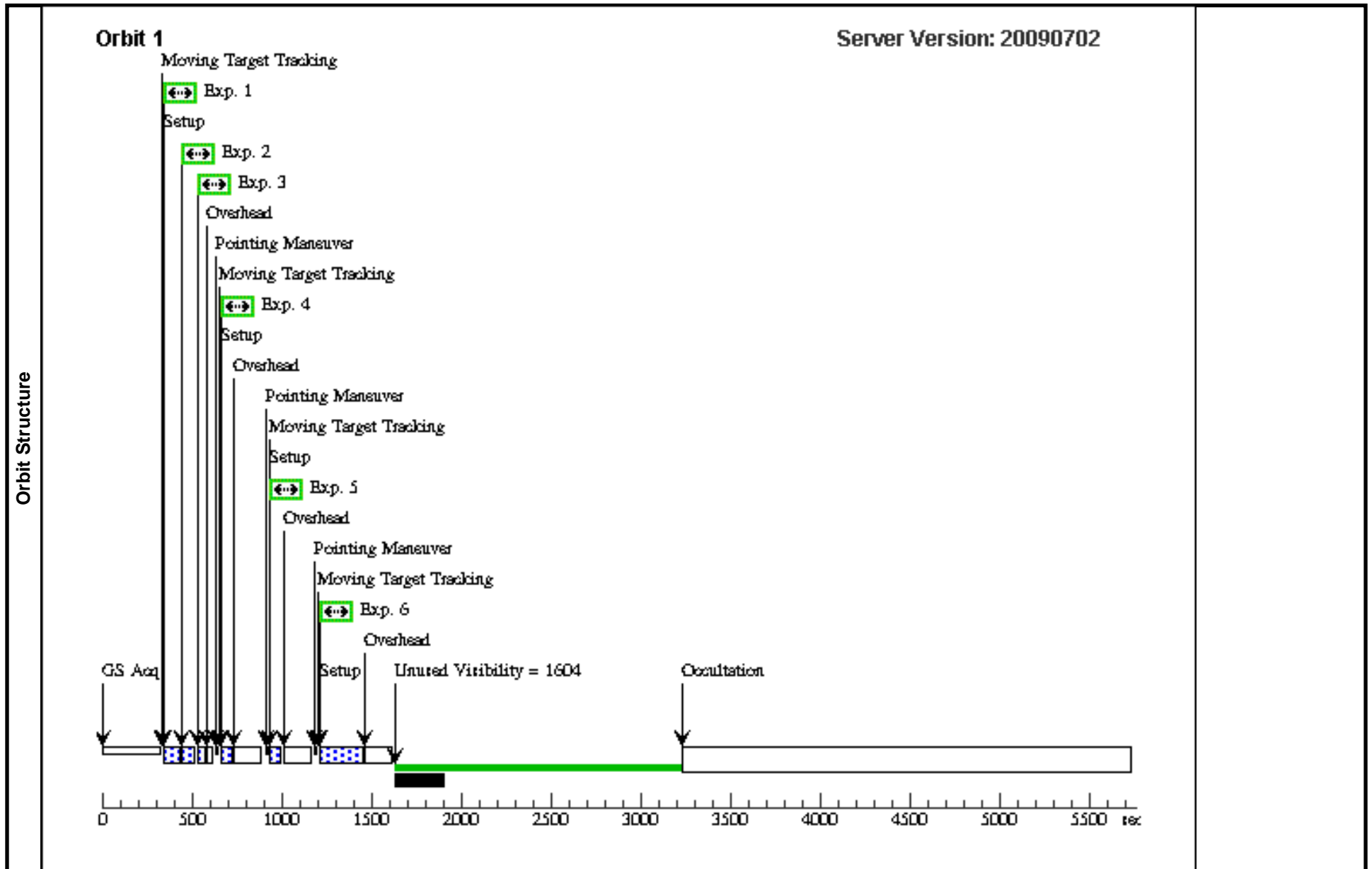
| Visit | Proposal 11630, Visit 39, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|-------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (3) | URANUS-MAX-CONTRAST | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 40 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:36 GMT 2009

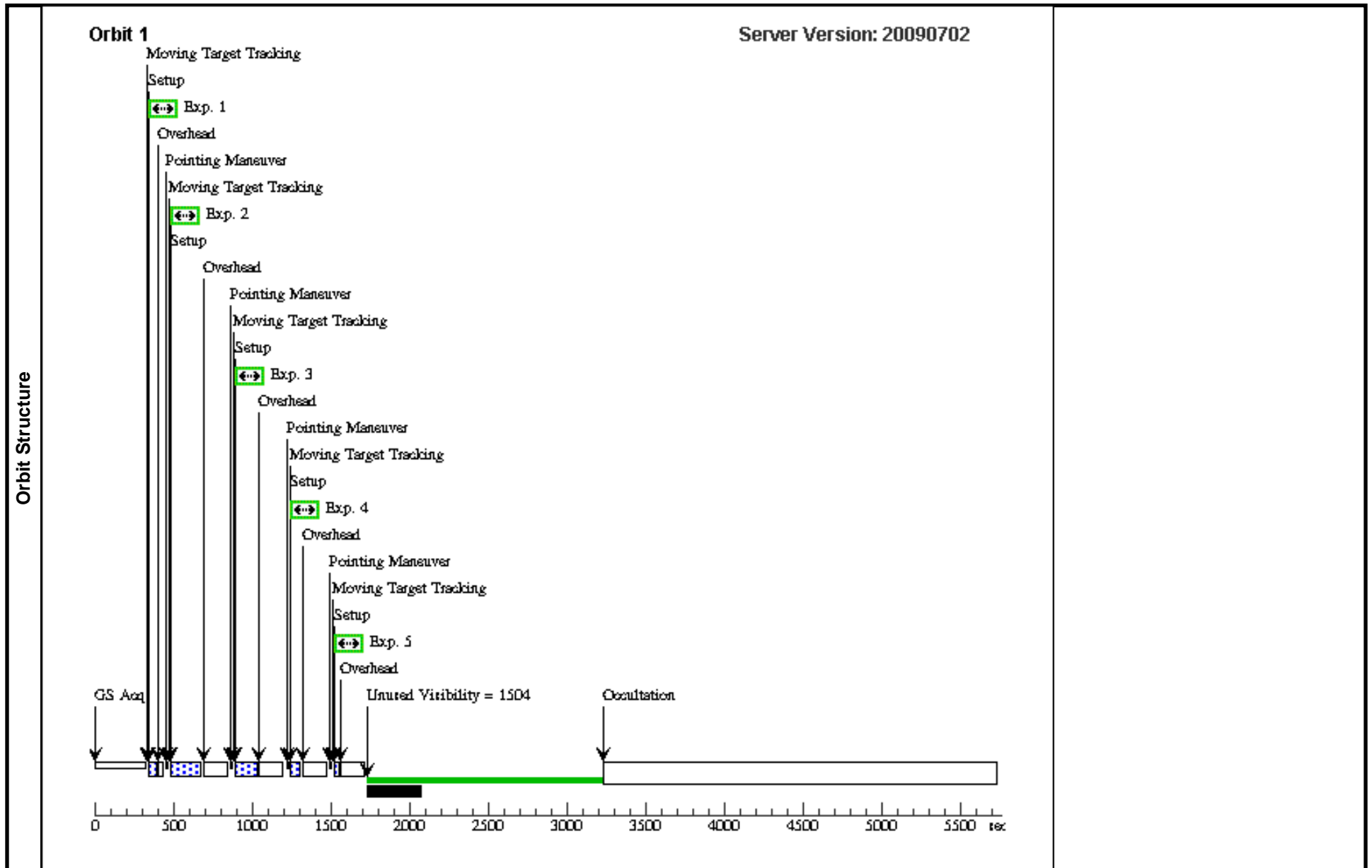
| Visit | Proposal 11630, Visit 40, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|--------------|----------------------|--------------------------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (4) | NEPTUNE-BLUE | STD=NEPTUNE | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | 18 Secs [==>] | [1] |
| | 2 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | 6 Secs [==>] | [1] |
| | 3 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | 22 Secs [==>] | [1] |
| | 4 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | 40 Secs [==>] | [1] |
| | 5 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | 60 Secs [==>] | [1] |
| | 6 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 41 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:36 GMT 2009

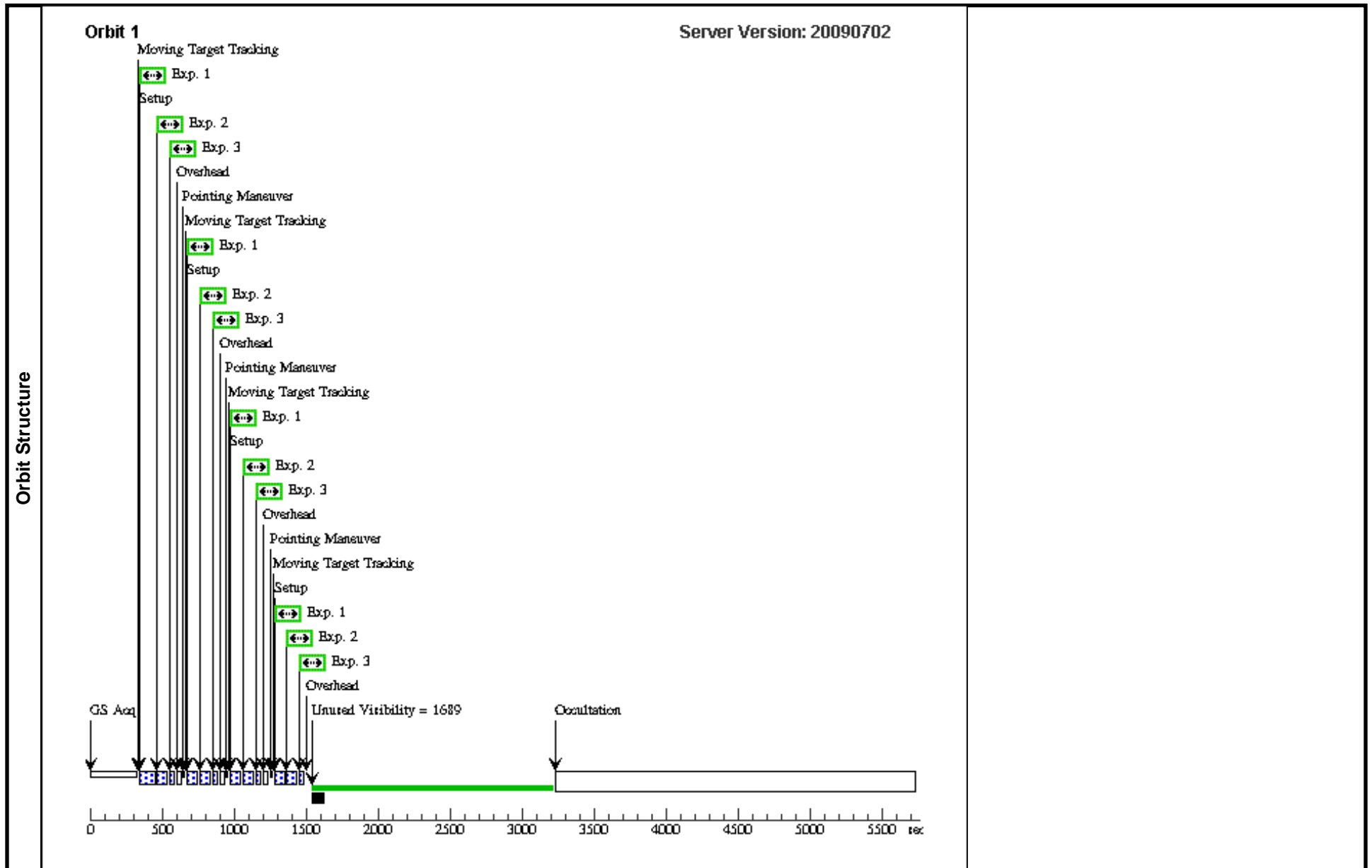
| | | | | | | | | | | |
|-----------------------------|--|-----------------|-----------------------------------|-----------------------------|----------------------|---------------------|----------------------|---------------|--------------------------------|--------------|
| Visit | Proposal 11630, Visit 41, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
| | (Exposure 3 (Visit 41)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | |
| Diagnostics | | | | | | | | | | |
| | | | | | | | | | | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] |
| | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] |
| | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] |
| | 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] |
| | 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] |
| | | | | | | | | | | |



Proposal 11630 - Visit 42 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:36 GMT 2009

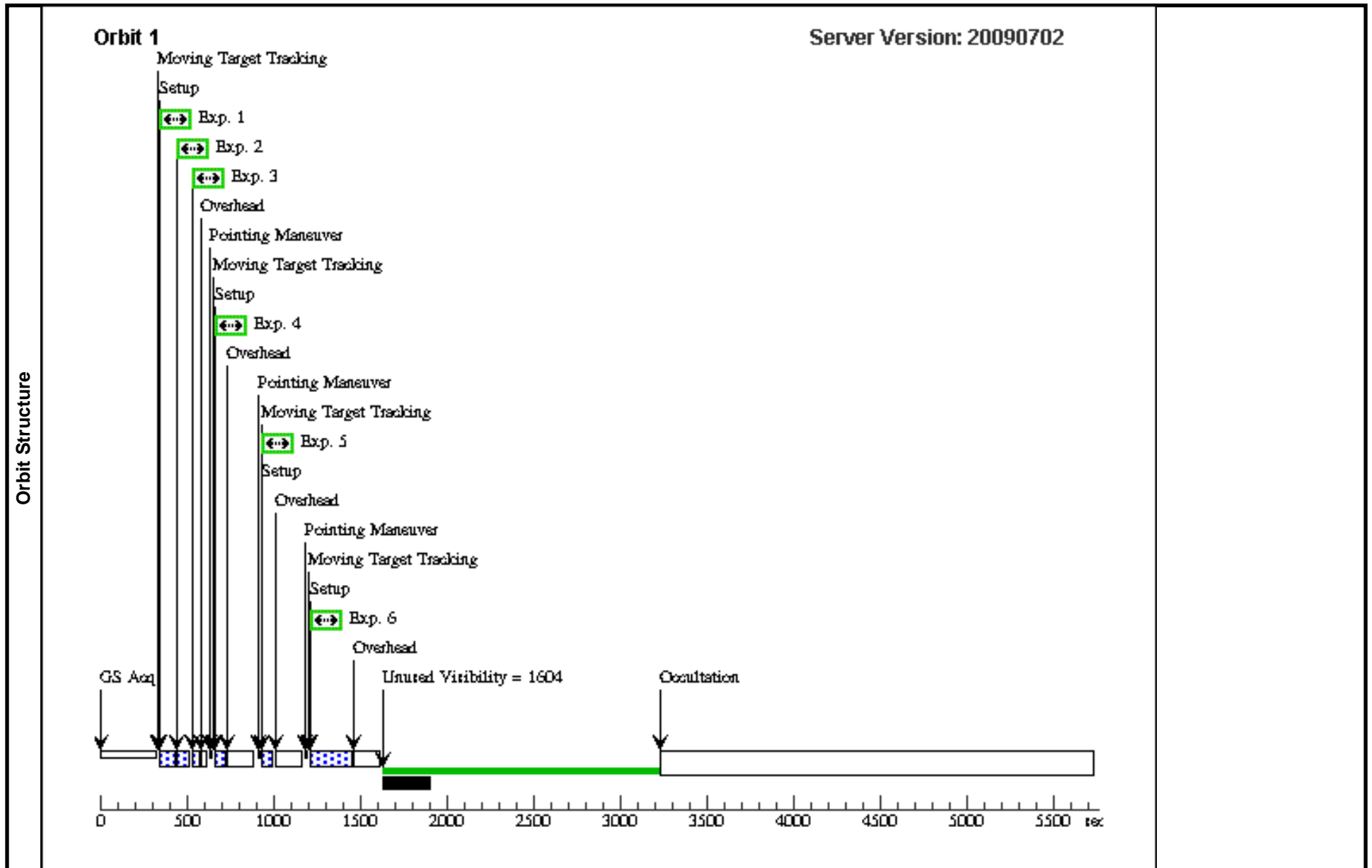
| Visit | Proposal 11630, Visit 42, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|---------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (6) | NEPTUNE-MAX-CONTRAST | STD=NEPTUNE | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 43 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:37 GMT 2009

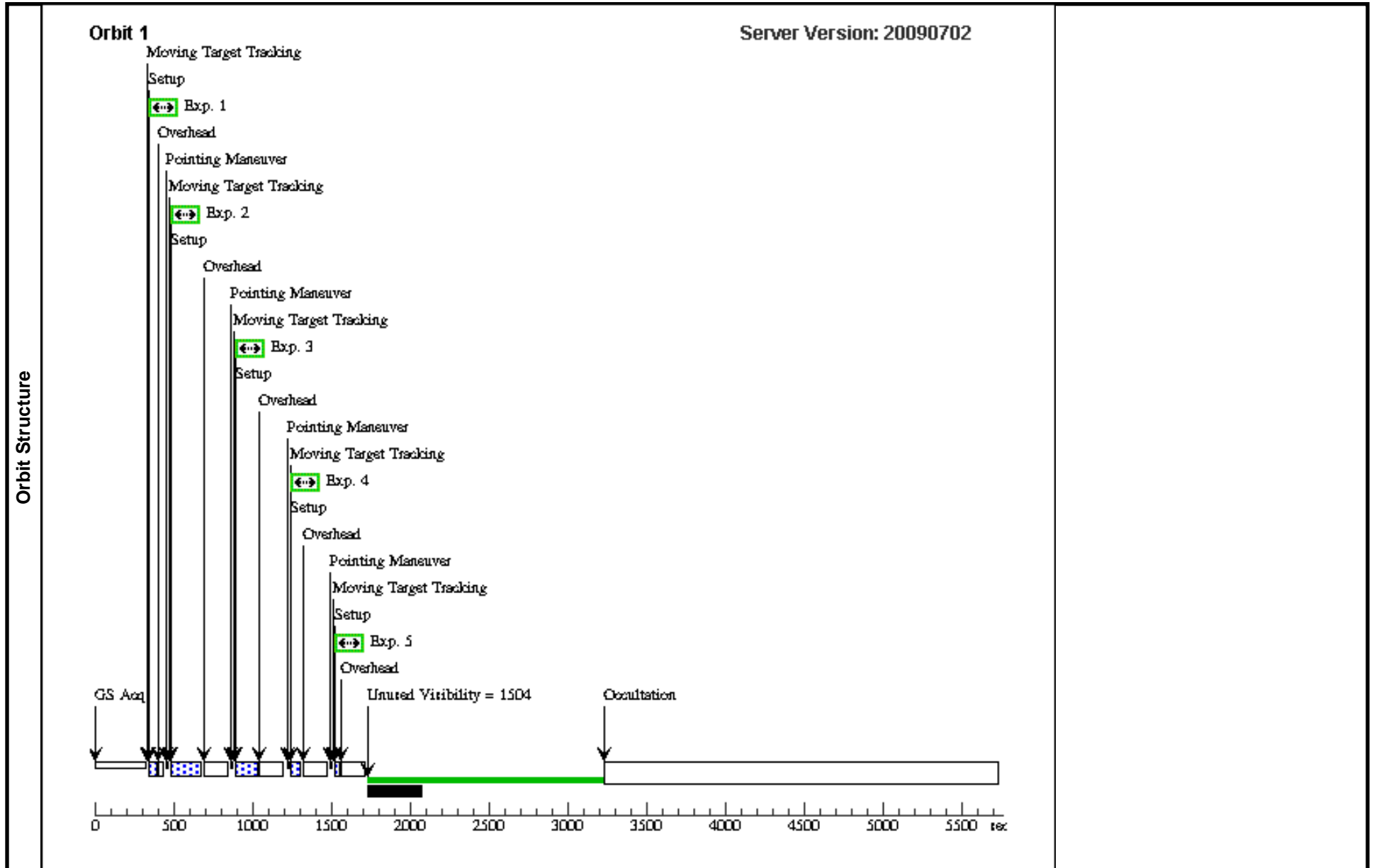
| Visit | Proposal 11630, Visit 43, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|-----------------|-----------------------------------|----------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (1) | URANUS-BLUE | STD=URANUS | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | | 18 Secs [==>] | [1] |
| | 2 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | | 6 Secs [==>] | [1] |
| | 3 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | | 22 Secs [==>] | [1] |
| | 4 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | | 40 Secs [==>] | [1] |
| | 5 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | | 60 Secs [==>] | [1] |
| | 6 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 44 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:37 GMT 2009

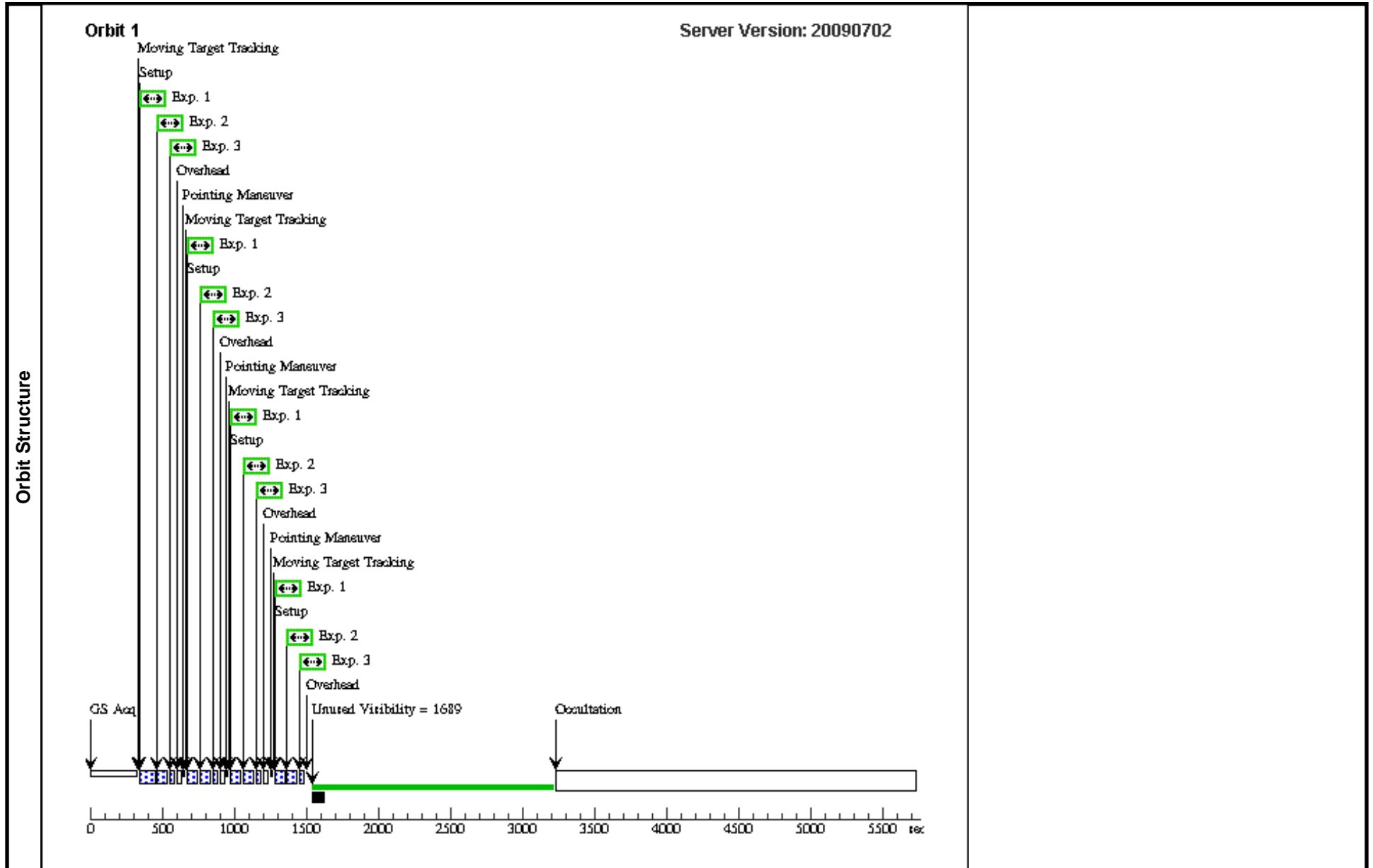
| | | | | | | | | | | |
|-----------------------------|--|---------------------------------|-----------------------------------|-----------------------------|----------------------|---------------------|----------------------|---------------|--------------------------------|--------------|
| Visit | Proposal 11630, Visit 44, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
| | (Exposure 3 (Visit 44)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | |
| Diagnostics | | | | | | | | | | |
| | | | | | | | | | | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (2) | URANUS-CH4 | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs | |
| | | | | | | | | | [==>] | [1] |
| | 2 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs | |
| | | | | | | | | | [==>] | [1] |
| | 3 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs | |
| | | | | | | | | | [==>] | [1] |
| 4 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs | | |
| | | | | | | | | [==>] | [1] | |
| 5 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs | | |
| | | | | | | | | [==>] | [1] | |



Proposal 11630 - Visit 45 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:37 GMT 2009

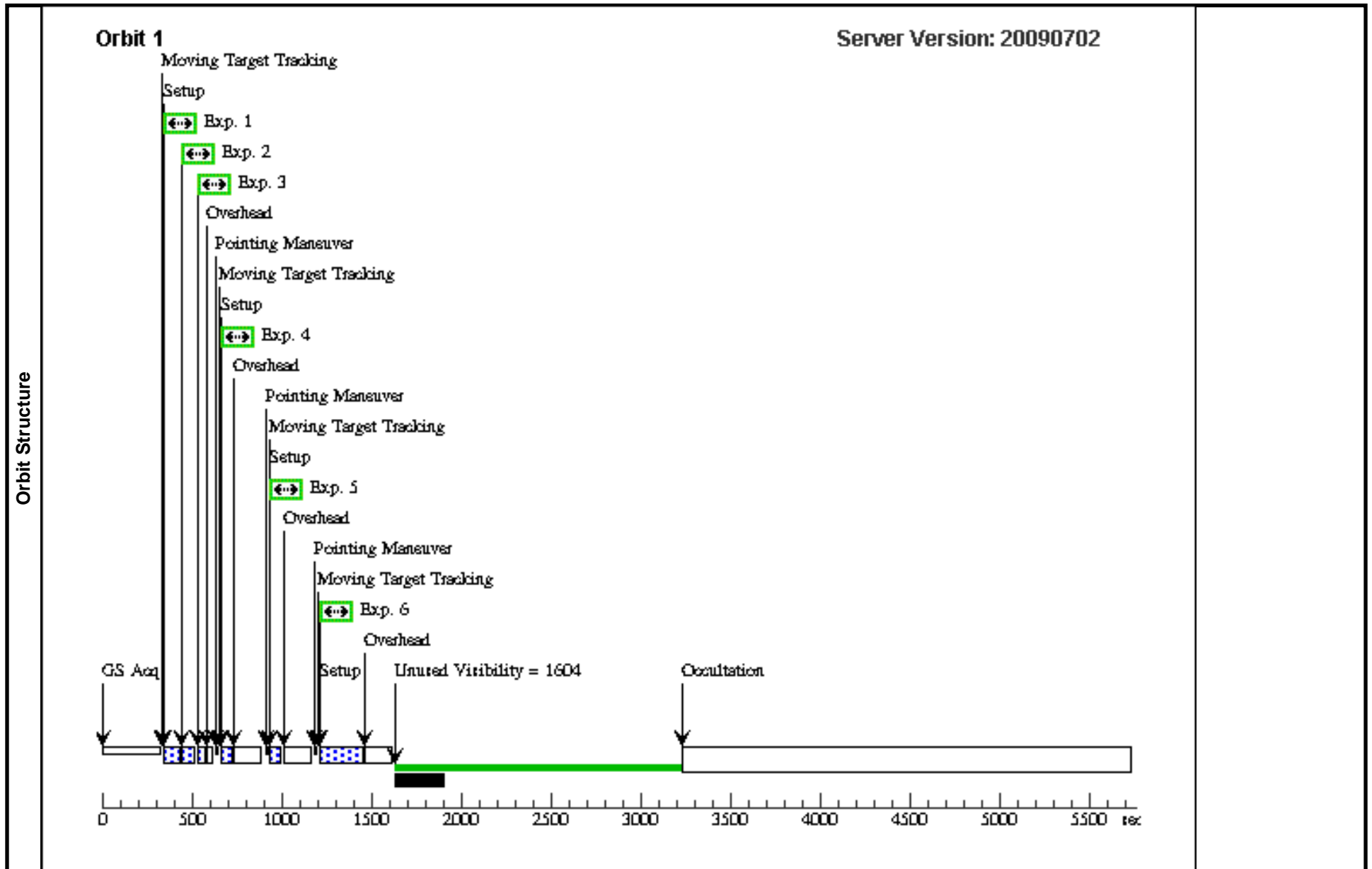
| Visit | Proposal 11630, Visit 45, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|-------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (3) | URANUS-MAX-CONTRAST | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 46 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:38 GMT 2009

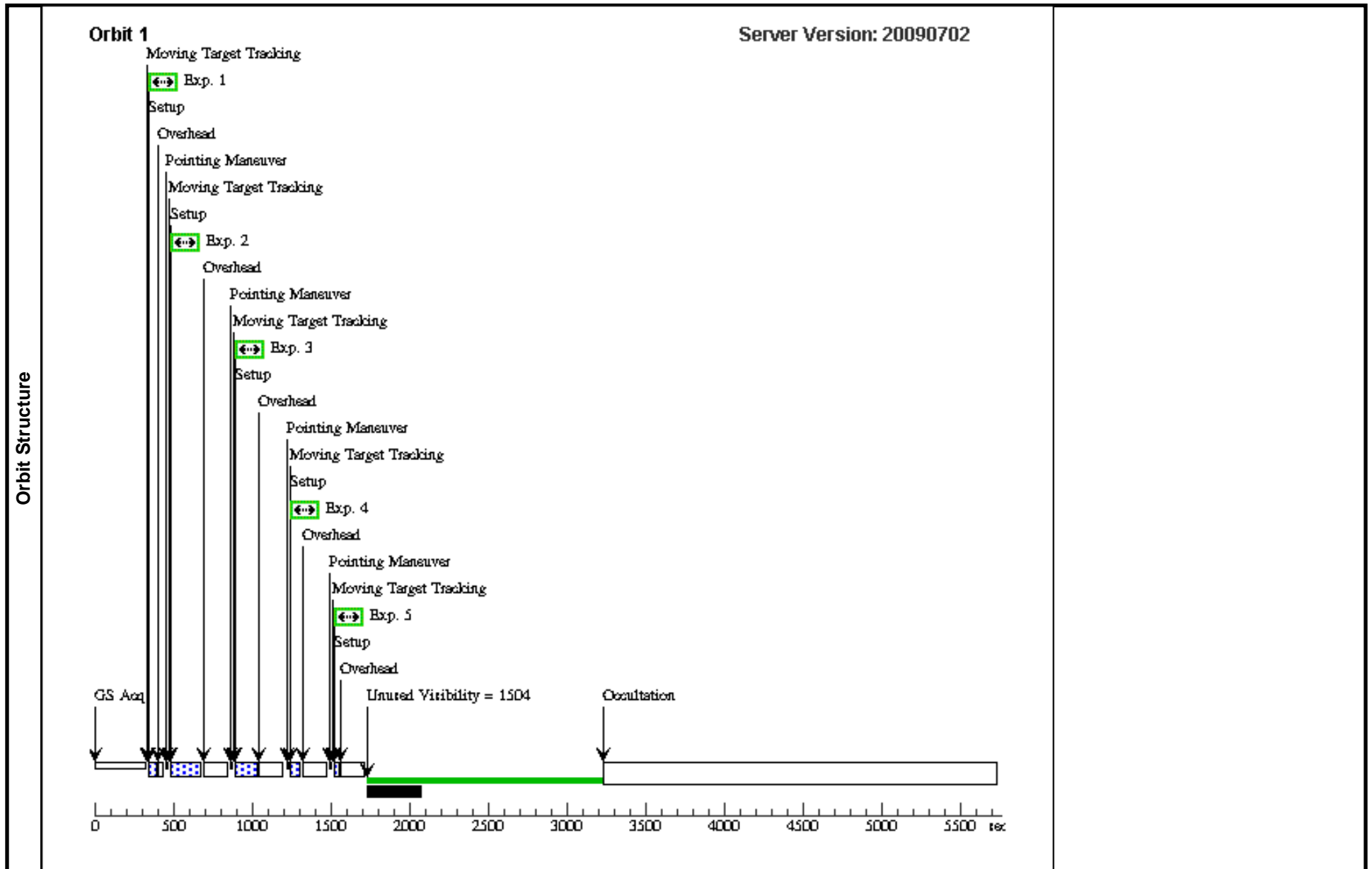
| Visit | Proposal 11630, Visit 46, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|--------------|----------------------|--------------------------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| Solar System Targets | (4) | NEPTUNE-BLUE | STD=NEPTUNE | | | | EARTH | | | |
| | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | 18 Secs [==>] | [1] |
| | 2 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | 6 Secs [==>] | [1] |
| | 3 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | 22 Secs [==>] | [1] |
| | 4 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | 40 Secs [==>] | [1] |
| | 5 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | 60 Secs [==>] | [1] |
| | 6 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 47 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:38 GMT 2009

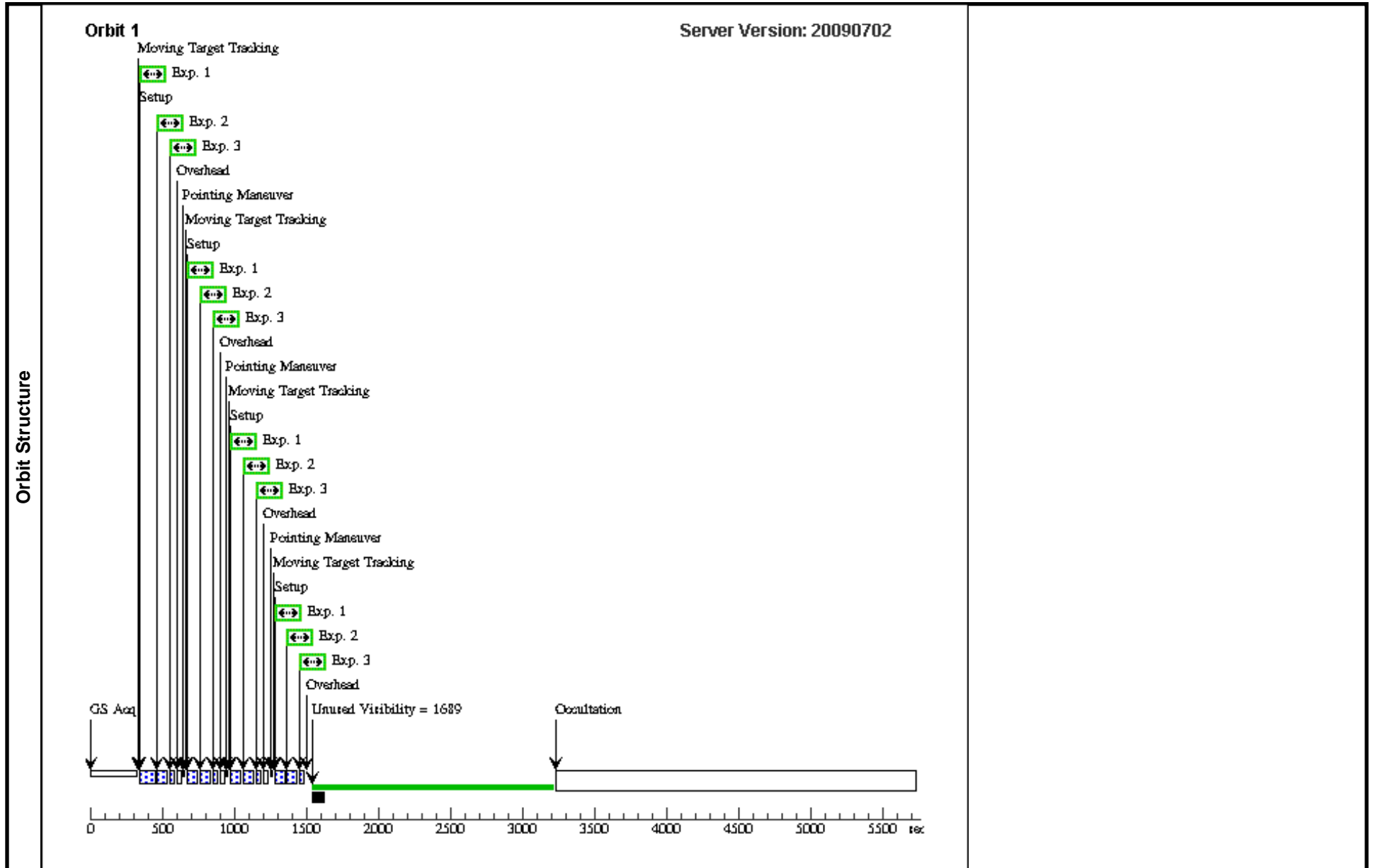
| | | | | | | | | | | |
|-----------------------------|--|-----------------|-----------------------------------|-----------------------------|----------------------|---------------------|----------------------|---------------|--------------------------------|--------------|
| Visit | Proposal 11630, Visit 47, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
| | (Exposure 3 (Visit 47)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | |
| Diagnostics | | | | | | | | | | |
| | | | | | | | | | | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] |
| | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] |
| | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] |
| | 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] |
| | 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] |
| | | | | | | | | | | |



Proposal 11630 - Visit 48 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:38 GMT 2009

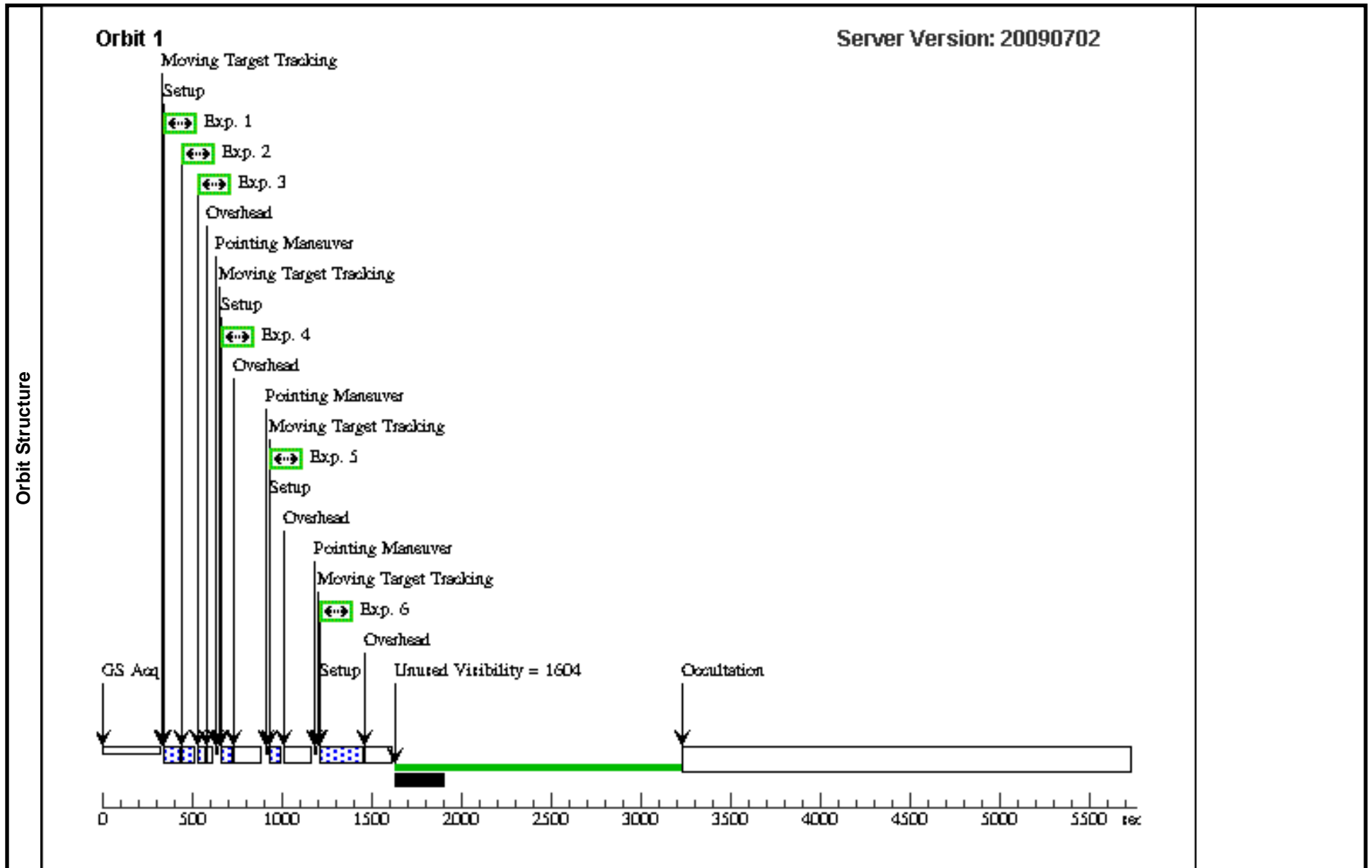
| Visit | Proposal 11630, Visit 48, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|---------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (6) | NEPTUNE-MAX-CONTRAST | STD=NEPTUNE | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 49 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:39 GMT 2009

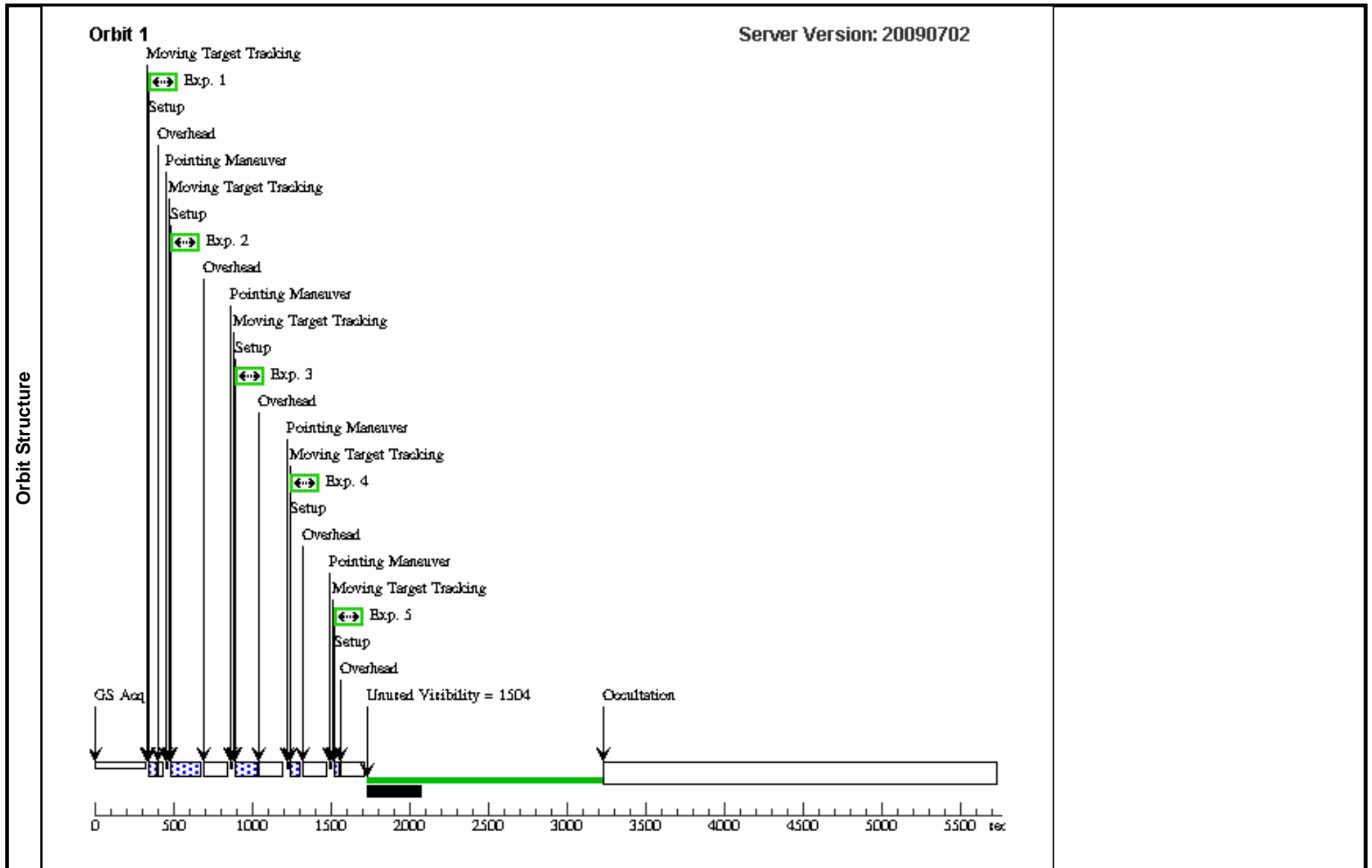
| Visit | Proposal 11630, Visit 49, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|-----------------|-----------------------------------|----------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (1) | URANUS-BLUE | STD=URANUS | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | | 18 Secs [==>] | [1] |
| | 2 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | | 6 Secs [==>] | [1] |
| | 3 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | | 22 Secs [==>] | [1] |
| | 4 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | | 40 Secs [==>] | [1] |
| | 5 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | | 60 Secs [==>] | [1] |
| | 6 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 50 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:39 GMT 2009

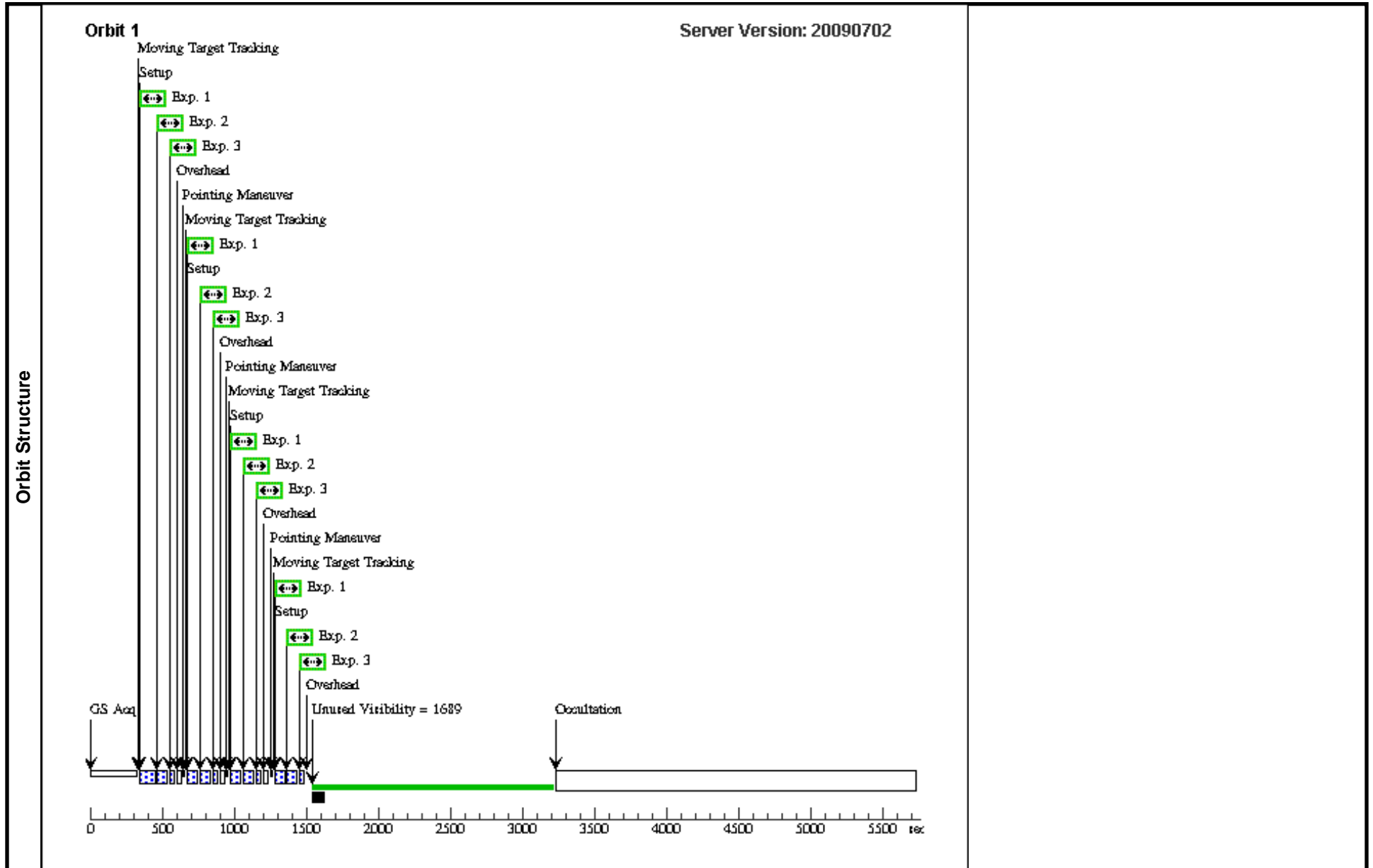
| Visit | Proposal 11630, Visit 50, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|----------------|-----------------------------------|----------------------|----------------------|------------------|---------------|---------------|-------------------------|-------------------------|------------|---|----------------|-----------------------------------|-------|-------------|--|--|--|------------------|-----|---|----------------|---------------------------------|--------|-------------|--|--|--|-------------------|-----|---|----------------|---------------------------------|--------|-------------|------------------|--|--|-------------------|-----|---|----------------|---------------------------------|--------|-------------|--|--|--|------------------|-----|---|----------------|---------------------------------|--------|-------------|--|--|--|------------------|-----|--|--|--|--|--|--|--|--|--|
| | (Exposure 3 (Visit 50)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solar System Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>URANUS-CH4</td> <td>STD=URANUS</td> <td></td> <td></td> <td></td> <td>EARTH</td> </tr> </tbody> </table> | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | (2) | URANUS-CH4 | STD=URANUS | | | | EARTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (2) | URANUS-CH4 | STD=URANUS | | | | EARTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(2) URANUS-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS1-C512B-SUB</td> <td>F775W</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>19 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(2) URANUS-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ889N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>175 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(2) URANUS-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ906N</td> <td>CR-SPLIT=NO</td> <td>POS TARG +25,+25</td> <td></td> <td></td> <td>140 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(2) URANUS-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ924N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>58 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(2) URANUS-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ937N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>28 Secs [==>]</td> <td>[1]</td> </tr> </tbody> </table> | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | 1 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] | 2 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] | 3 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] | 4 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] | 5 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] | | | | | | | | | |
| | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Proposal 11630 - Visit 51 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:39 GMT 2009

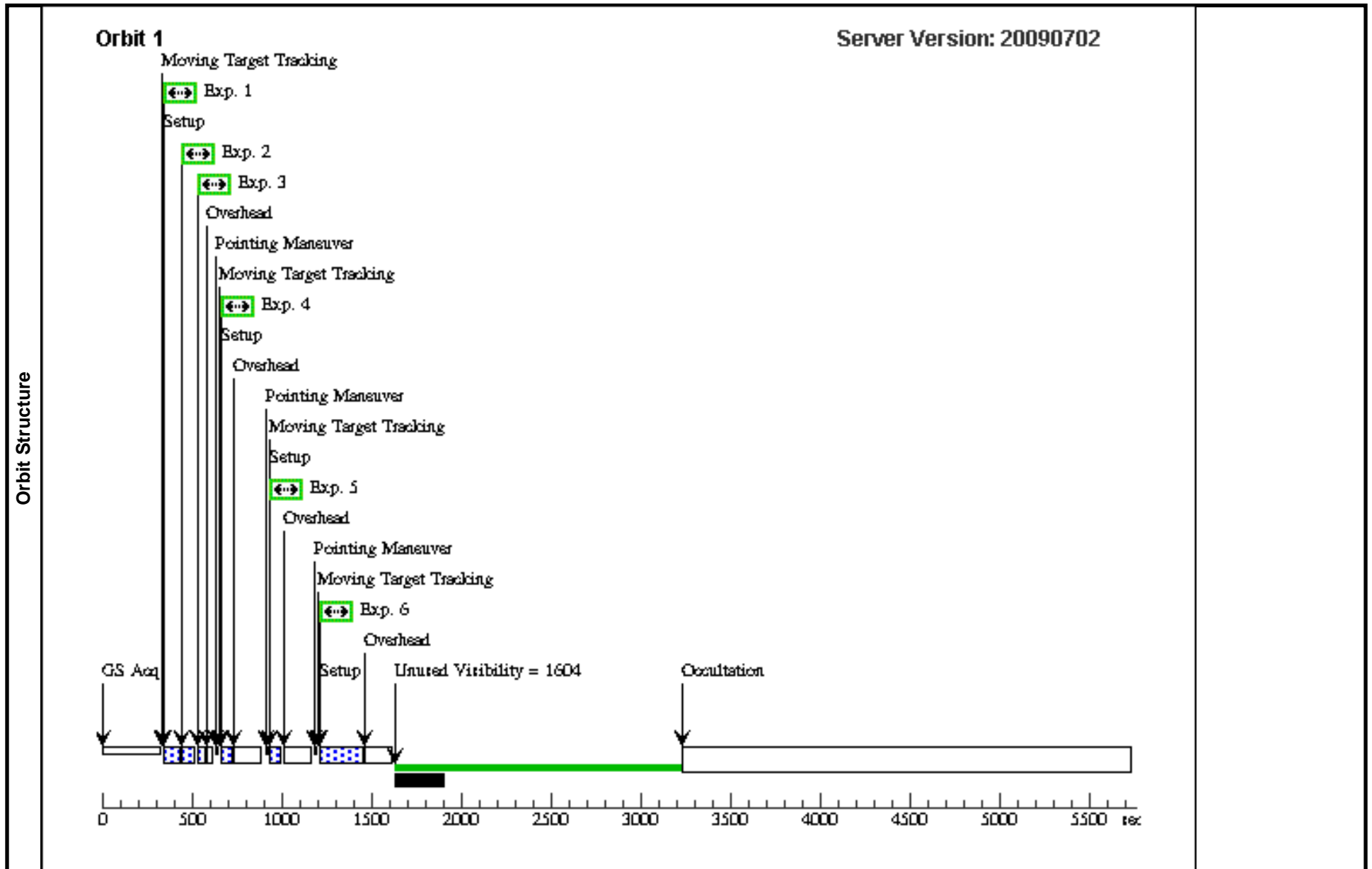
| Visit | Proposal 11630, Visit 51, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|-------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (3) | URANUS-MAX-CONTRAST | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 52 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:40 GMT 2009

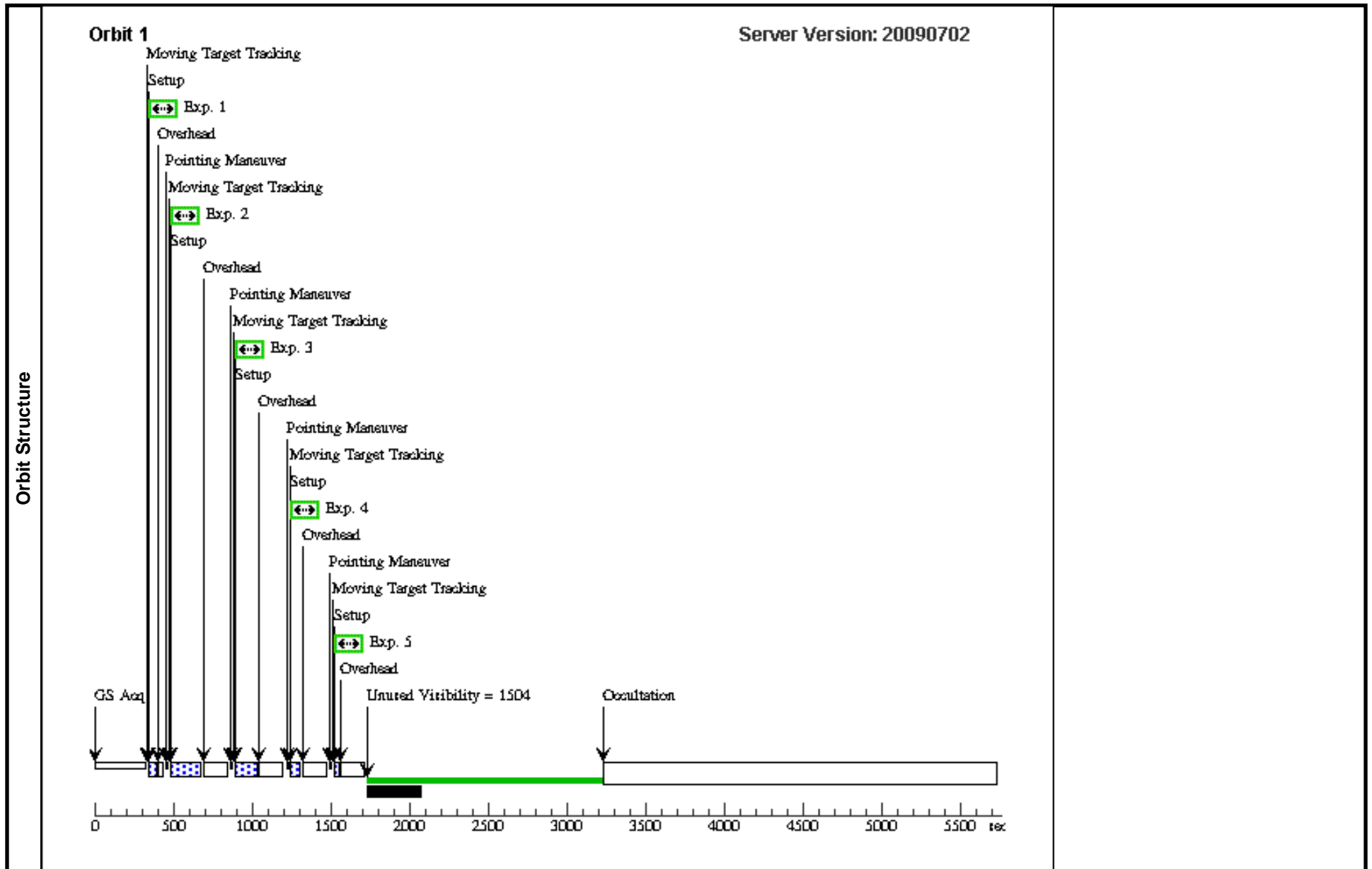
| Visit | Proposal 11630, Visit 52, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|--------------|----------------------|--------------------------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (4) | NEPTUNE-BLUE | STD=NEPTUNE | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | 18 Secs [==>] | [1] |
| | 2 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | 6 Secs [==>] | [1] |
| | 3 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | 22 Secs [==>] | [1] |
| | 4 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | 40 Secs [==>] | [1] |
| | 5 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | 60 Secs [==>] | [1] |
| | 6 | | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 53 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:40 GMT 2009

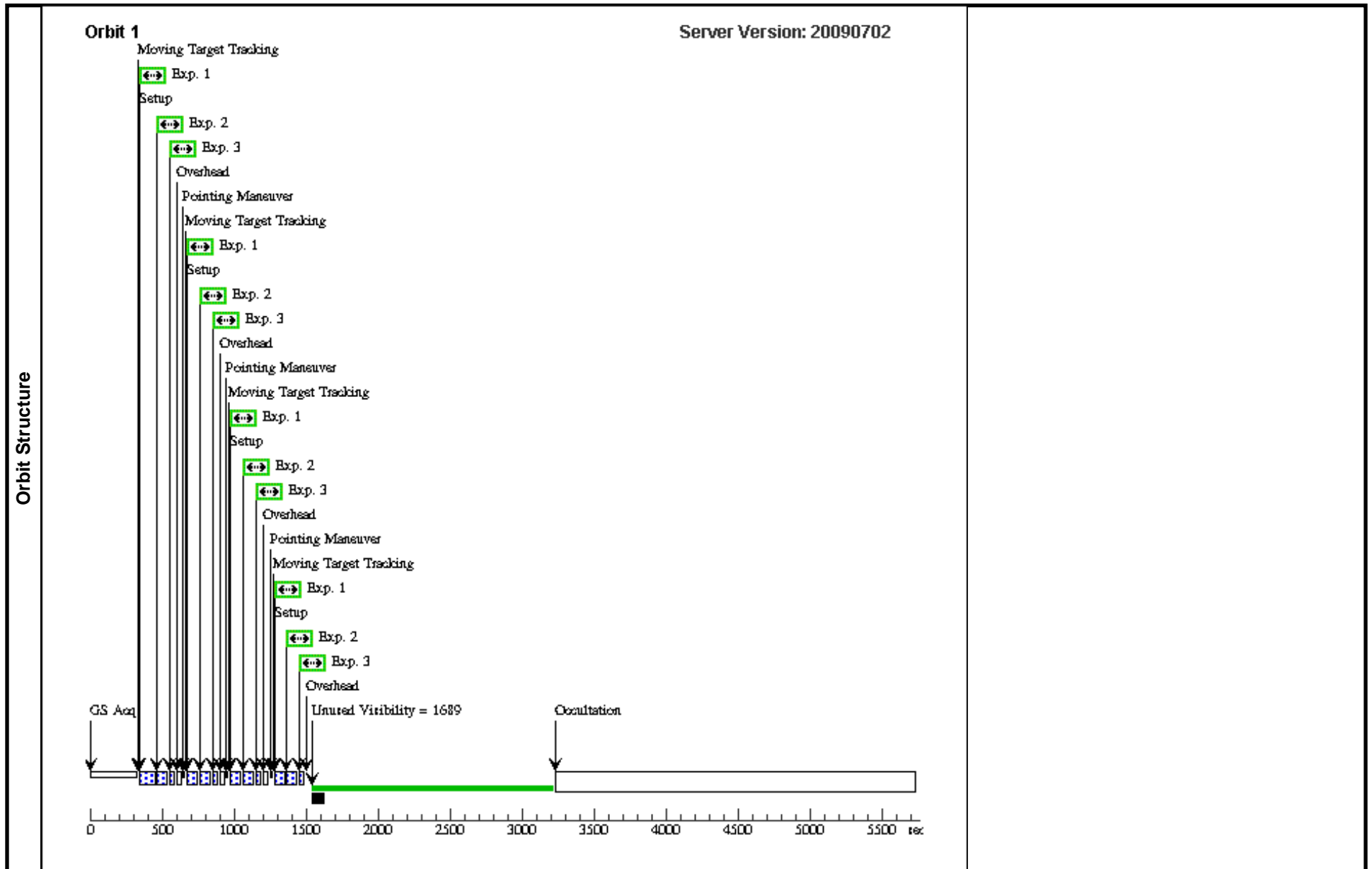
| Visit | Proposal 11630, Visit 53, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|-----------------|-----------------------------------|----------------------|----------------------|------------------|---------------|---------------|-------------------------|-------------------------|-------------|---|-----------------|-----------------------------------|-------|-------------|--|--|--|------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|-------------------|-----|---|-----------------|---------------------------------|--------|-------------|------------------|--|--|-------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|------------------|-----|---|-----------------|---------------------------------|--------|-------------|--|--|--|------------------|-----|--|--|--|--|--|--|--|--|--|
| | (Exposure 3 (Visit 53)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solar System Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>NEPTUNE-CH4</td> <td>STD=NEPTUNE</td> <td></td> <td></td> <td></td> <td>EARTH</td> </tr> </tbody> </table> | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS1-C512B-SUB</td> <td>F775W</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>19 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ889N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>175 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ906N</td> <td>CR-SPLIT=NO</td> <td>POS TARG +25,+25</td> <td></td> <td></td> <td>140 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ924N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>58 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(5) NEPTUNE-CH4</td> <td>WFC3/UVIS, ACCUM, UVIS-QUAD-SUB</td> <td>FQ937N</td> <td>CR-SPLIT=NO</td> <td></td> <td></td> <td></td> <td>28 Secs [==>]</td> <td>[1]</td> </tr> </tbody> </table> | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] | 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] | 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] | | | | | | | | | |
| | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Proposal 11630 - Visit 54 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:40 GMT 2009

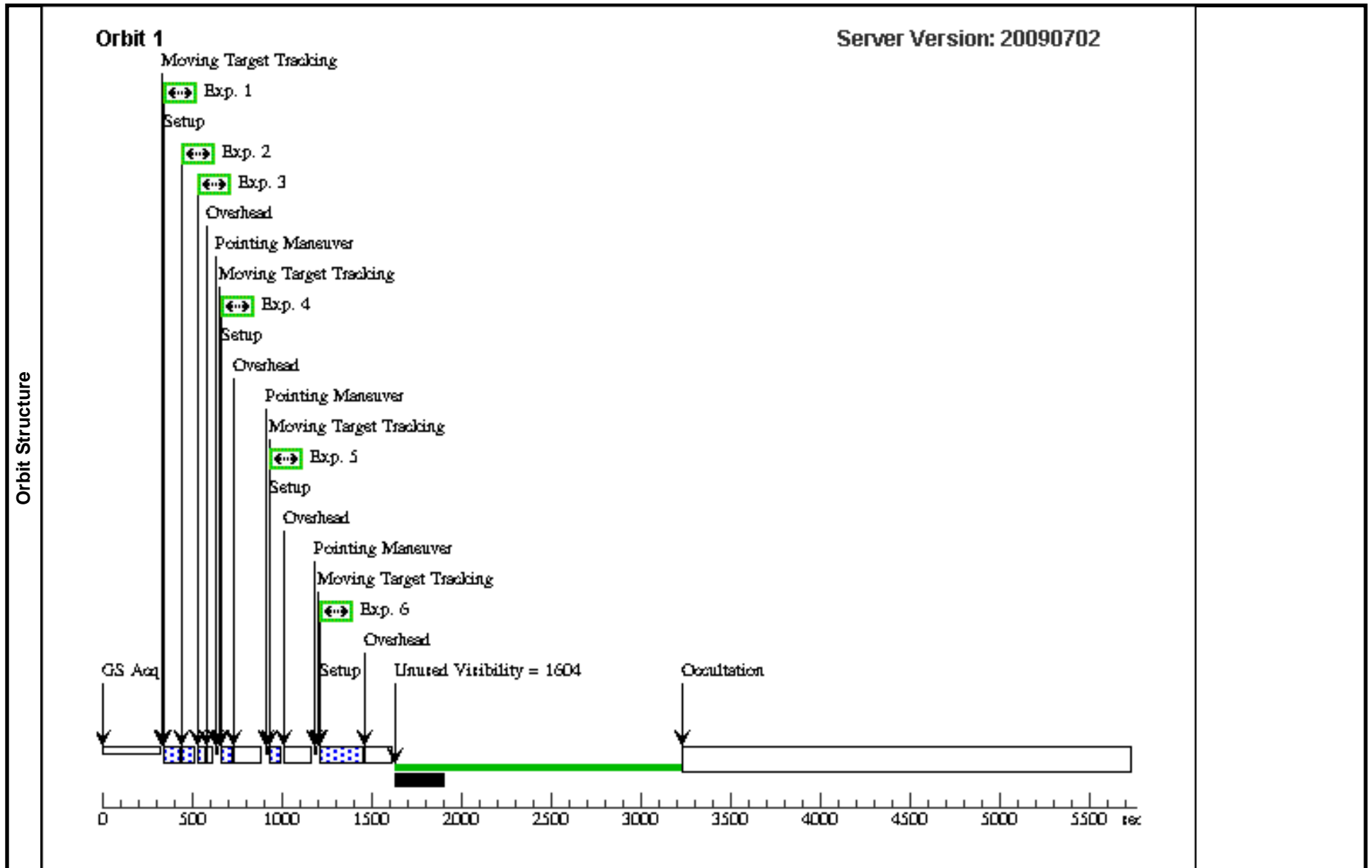
| Visit | Proposal 11630, Visit 54, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|---------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (6) | NEPTUNE-MAX-CONTRAST | STD=NEPTUNE | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 55 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:41 GMT 2009

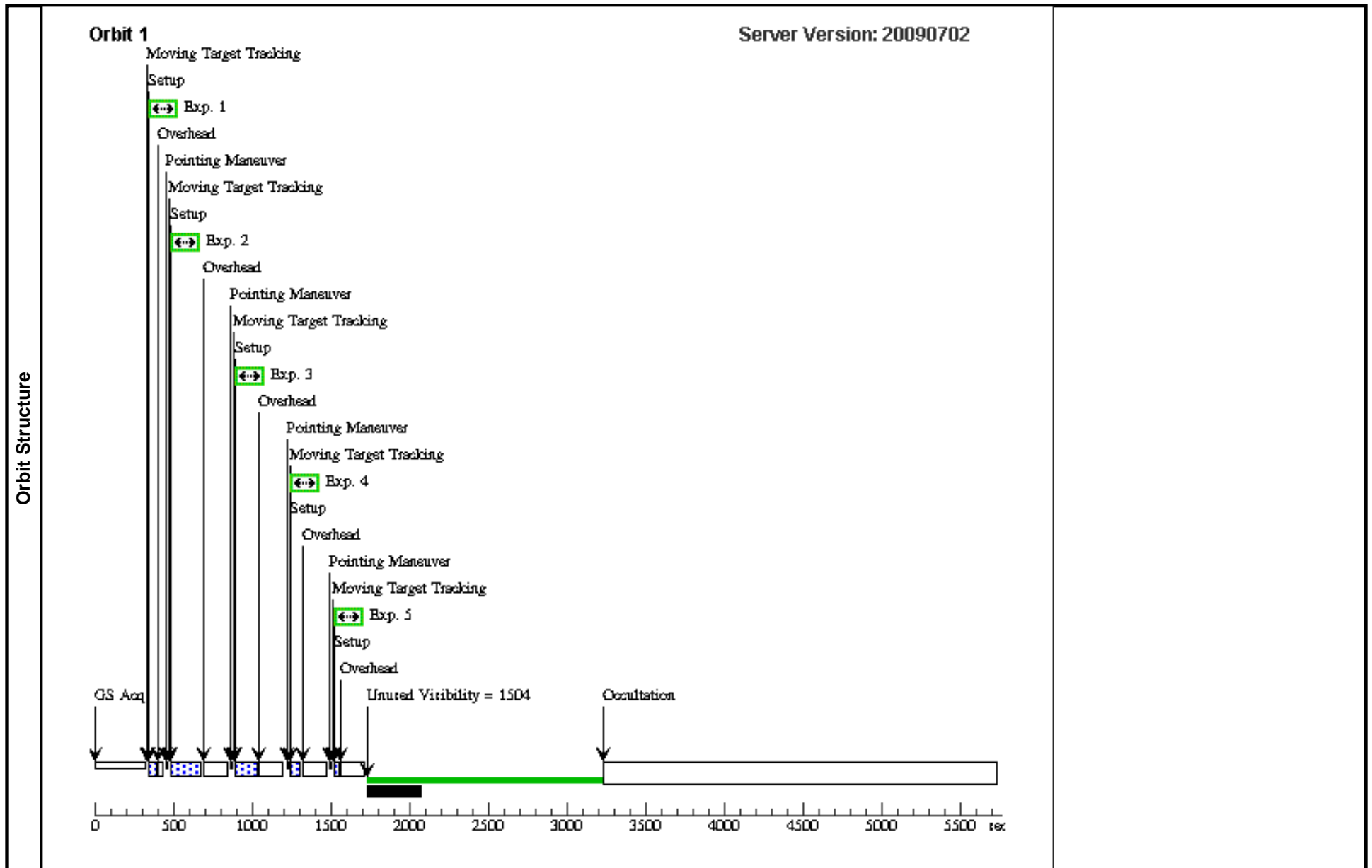
| Visit | Proposal 11630, Visit 55, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--|-----------------|-----------------------------------|----------------------|---------------|--------------|---------------|--------------|-------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (1) | URANUS-BLUE | STD=URANUS | | | | | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | | 18 Secs [==>] | [1] |
| | 2 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | | 6 Secs [==>] | [1] |
| | 3 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | | 22 Secs [==>] | [1] |
| | 4 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | | 40 Secs [==>] | [1] |
| | 5 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | | 60 Secs [==>] | [1] |
| | 6 | (1) URANUS-BLUE | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | | 240 Secs [==>] | [1] |



Proposal 11630 - Visit 56 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:41 GMT 2009

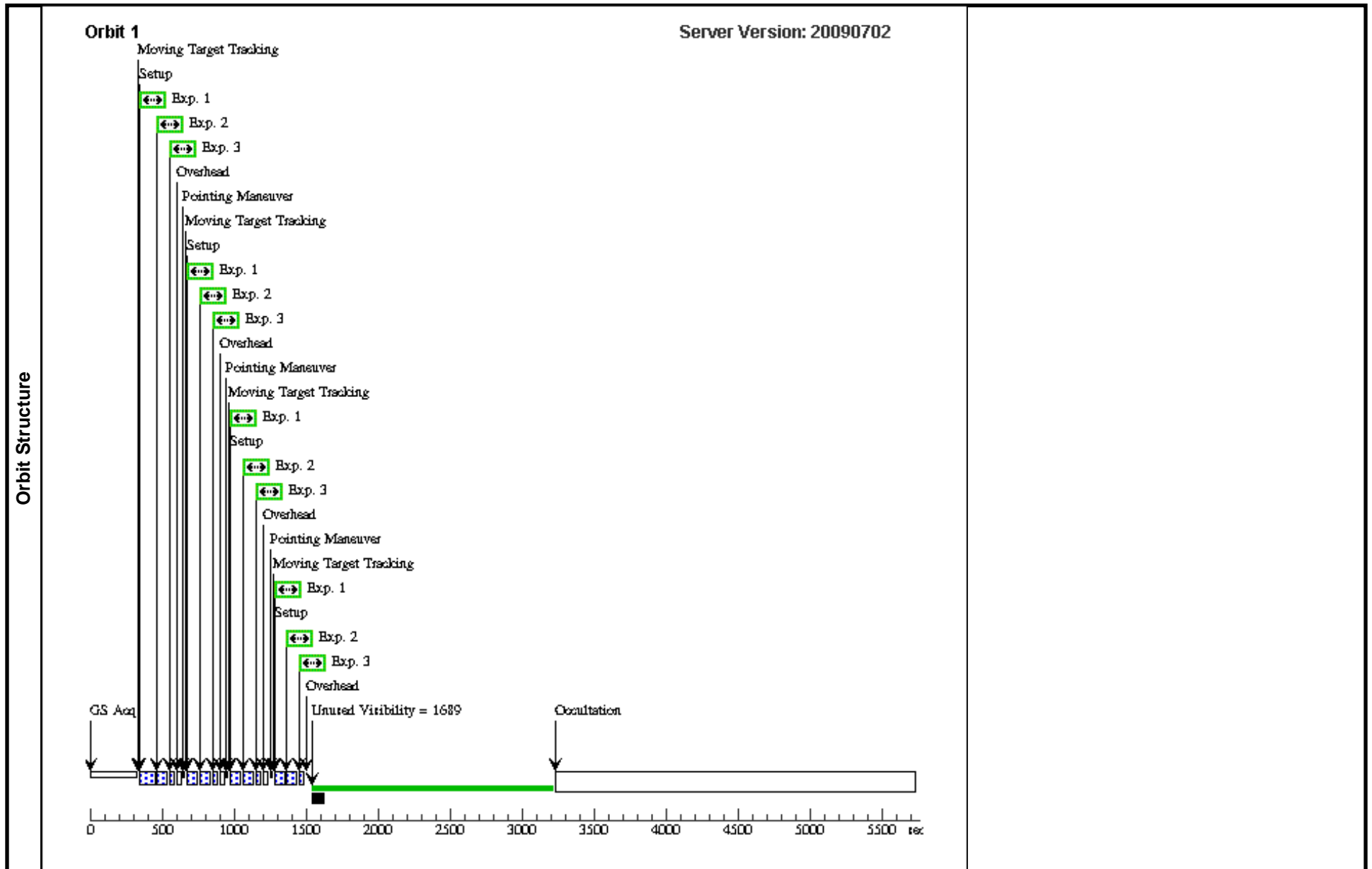
| | | | | | | | | | | |
|-----------------------------|--|----------------|-----------------------------------|-----------------------------|----------------------|---------------------|----------------------|---------------|--------------------------------|--------------|
| Visit | Proposal 11630, Visit 56, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
| | (Exposure 3 (Visit 56)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | |
| Diagnostics | | | | | | | | | | |
| | | | | | | | | | | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (2) | URANUS-CH4 | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs [==>] | [1] |
| | 2 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs [==>] | [1] |
| | 3 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs [==>] | [1] |
| | 4 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs [==>] | [1] |
| | 5 | (2) URANUS-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs [==>] | [1] |
| | | | | | | | | | | |



Proposal 11630 - Visit 57 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:41 GMT 2009

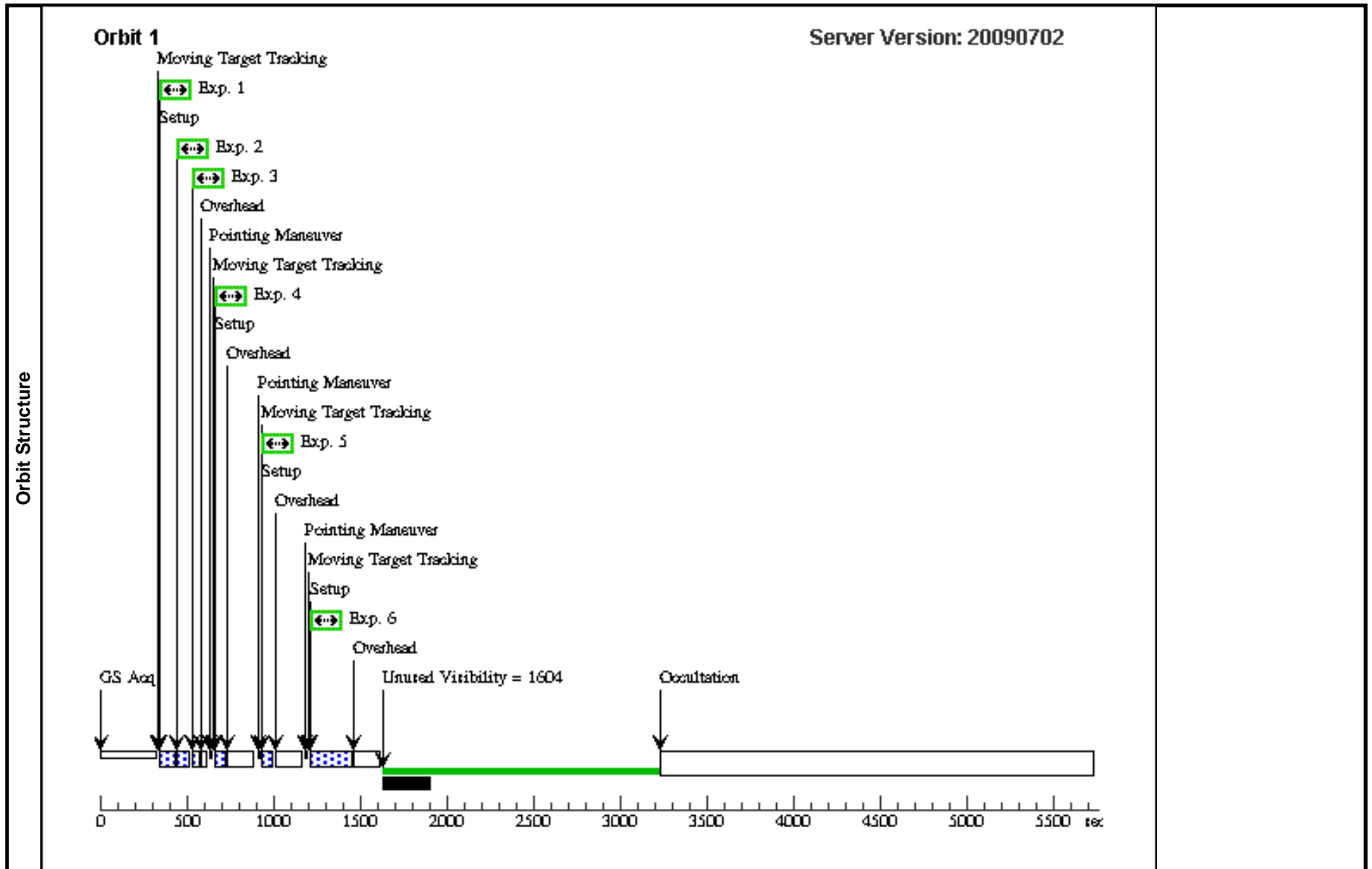
| Visit | Proposal 11630, Visit 57, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|-------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (3) | URANUS-MAX-CONTRAST | STD=URANUS | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (3) URANUS-MAX-CONTRAST | (3) URANUS-MAX-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 58 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:41 GMT 2009

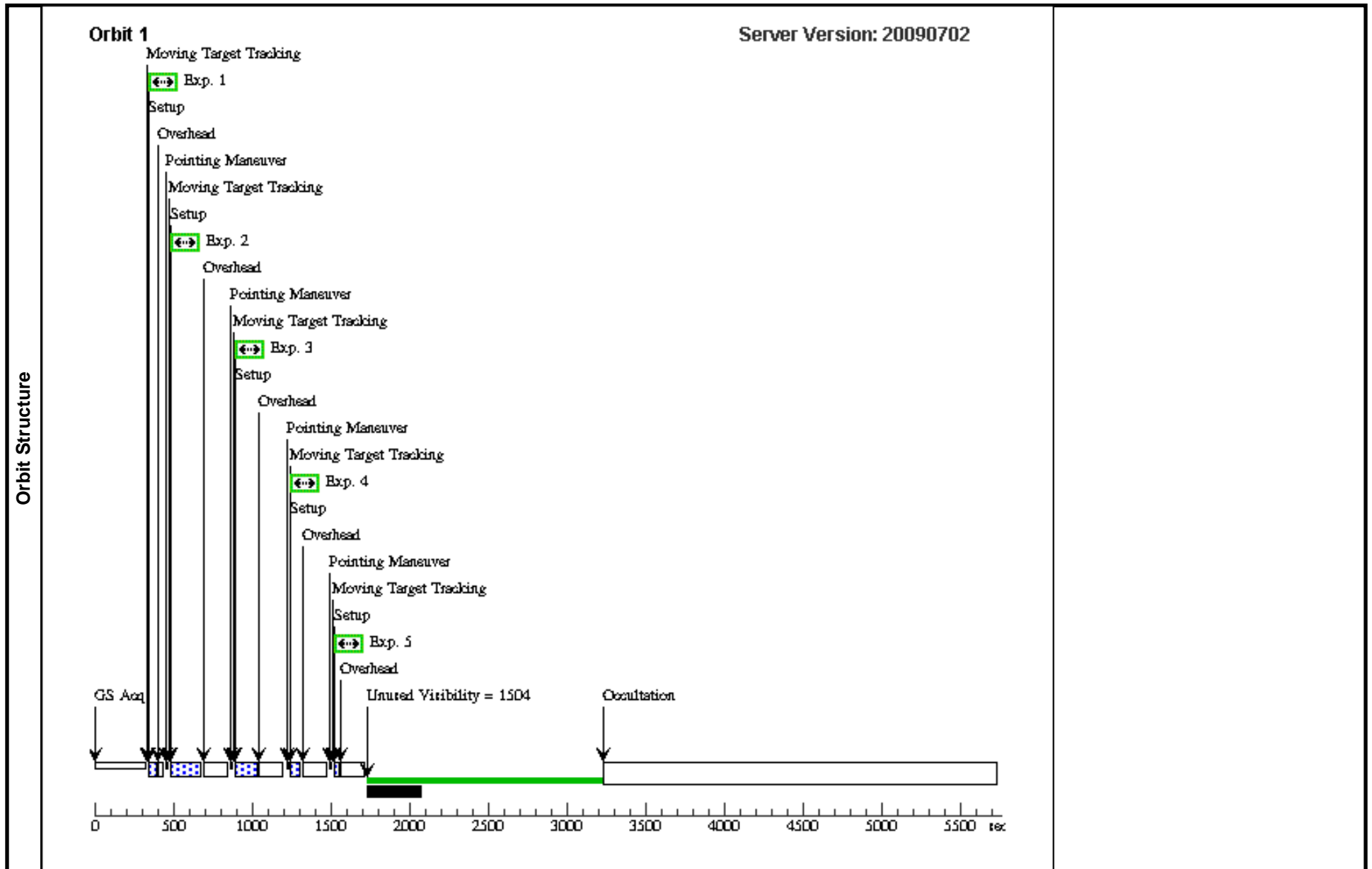
| Visit | Proposal 11630, Visit 58, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|----------------------|------------------------------------|--------------------------------------|---------------|--------------|---------------|-------------------|-------------------------|-------|
| | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| Solar System Targets | (4) | NEPTUNE-BLUE | STD=NEPTUNE | | | | EARTH | | | |
| | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (4) NEPTUNE-BLU E | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F467M | CR-SPLIT=NO | | | 18 Secs [==>] | [1] |
| | 2 | (4) NEPTUNE-BLU E | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F547M | CR-SPLIT=NO | | | 6 Secs [==>] | [1] |
| | 3 | (4) NEPTUNE-BLU E | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F631N | CR-SPLIT=NO | | | 22 Secs [==>] | [1] |
| | 4 | (4) NEPTUNE-BLU E | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ750N | CR-SPLIT=NO | | | 40 Secs [==>] | [1] |
| | 5 | (4) NEPTUNE-BLU E | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ619N | CR-SPLIT=NO | | | 60 Secs [==>] | [1] |
| 6 | (4) NEPTUNE-BLU E | (4) NEPTUNE-BLU E | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ727N | CR-SPLIT=NO | | | 240 Secs [==>] | [1] | |



Proposal 11630 - Visit 59 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:42 GMT 2009

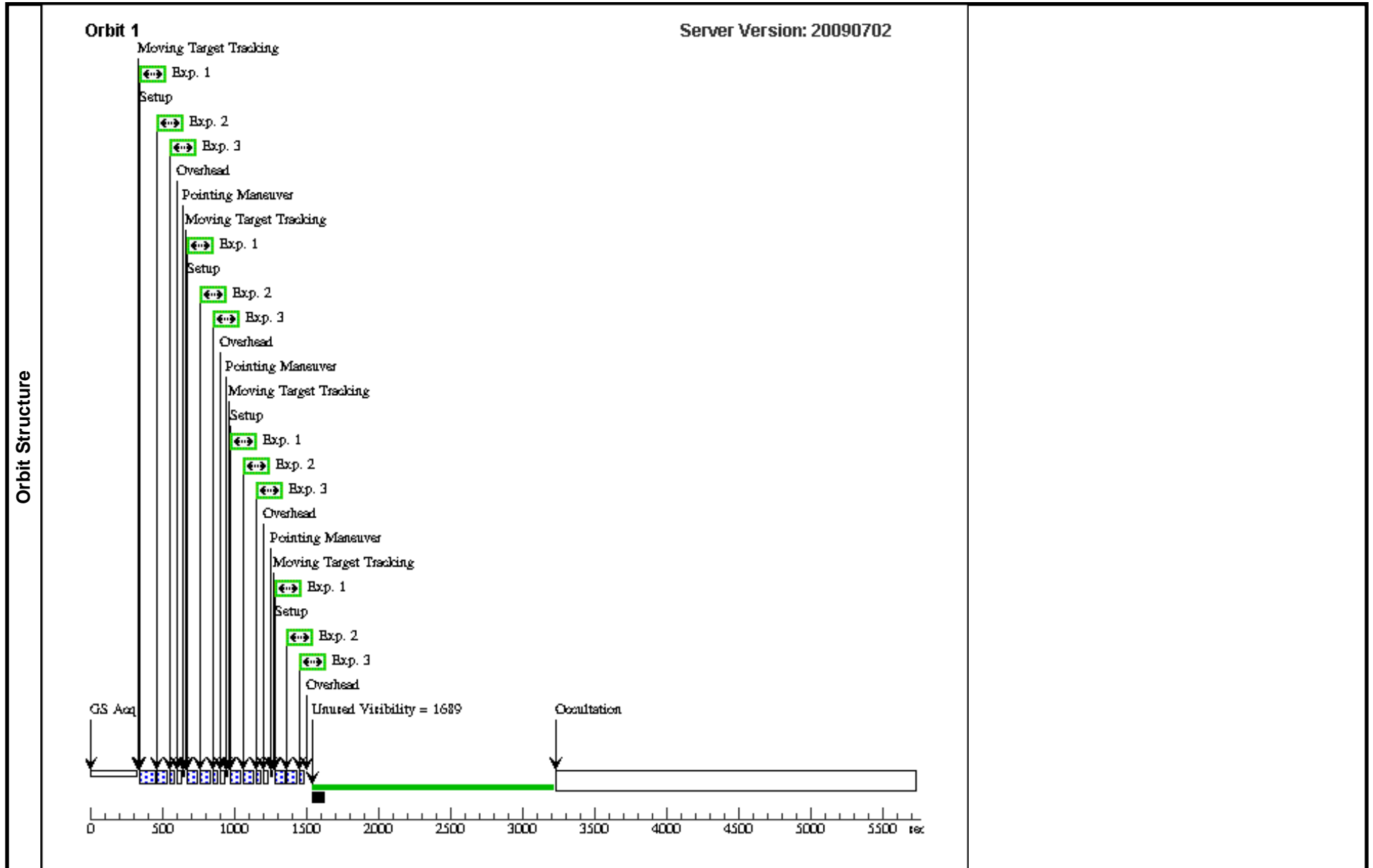
| | | | | | | | | | | | |
|-----------------------------|---|--|-----------------------------------|-----------------------------|----------------------|---------------------|----------------------|---------------------|--------------------------------|-----|--------------|
| Visit | Proposal 11630, Visit 59, scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | | |
| | Diagnostics | (Exposure 3 (Visit 59)) Warning (Form): POS TARG & PATTERN should be used carefully with ACS/WFPC2 ramp or WFC3 quad filters as central wavelengths & transmission efficiencies vary within the apertures. | | | | | | | | | |
| Solar System Targets | | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (5) | NEPTUNE-CH4 | STD=NEPTUNE | | | | EARTH | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | | Orbit |
| | 1 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F775W | CR-SPLIT=NO | | | | 19 Secs | | |
| | | | | | | | | | [==>] | | [1] |
| | 2 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ889N | CR-SPLIT=NO | | | | 175 Secs | | |
| | | | | | | | | | [==>] | | [1] |
| | 3 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ906N | CR-SPLIT=NO | POS TARG +25,+25 | | | 140 Secs | | |
| | | | | | | | | | [==>] | | [1] |
| 4 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ924N | CR-SPLIT=NO | | | | 58 Secs | | | |
| | | | | | | | | [==>] | | [1] | |
| 5 | (5) NEPTUNE-CH4 | WFC3/UVIS, ACCUM, UVIS-QUAD-SUB | FQ937N | CR-SPLIT=NO | | | | 28 Secs | | | |
| | | | | | | | | [==>] | | [1] | |



Proposal 11630 - Visit 60 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:42 GMT 2009

| Visit | Proposal 11630, Visit 60, failed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|--|---------------------------|--|---|---------------|-------------------|---------------|-------------------------|---|-------|
| | Patterns | # | Primary Pattern | | | Secondary Pattern | | | Exposures | |
| | | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | | | | (1-3) | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (6) | NEPTUNE-MAX-CONTRAST | STD=NEPTUNE | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |



Proposal 11630 - Visit 61 - Monitoring Active Atmospheres on Uranus and Neptune

Thu Oct 29 01:44:42 GMT 2009

| | | | | | | | | | | |
|-----------------------------|---|--|---|-----------------------------------|----------------------|---------------------|----------------------|-------------------------|---|--------------|
| Visit | Proposal 11630, Visit 61 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) <i>Comments: This is a repeat of visit 60 which failed due to a safing.</i> | | | | | | | | | |
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | (1) | Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 | Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false | | (1-3) | | | | | |
| Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| | (6) | NEPTUNE-MAX-CONTRAST | STD=NEPTUNE | | | | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 2 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |
| | 3 | (6) NEPTUNE-MA X-CONTRAST | (6) NEPTUNE-MA X-CONTRAST | WFC3/UVIS, ACCUM, UVIS1-C512B-SUB | F845M | CR-SPLIT=NO | | Pattern 1, Exps 1-3 (1) | 35 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] | [1] |

