



11163 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

Cycle: 16, Proposal Category: GO

(Availability Mode: AVAILABLE)

INVESTIGATORS

| <i>Name</i> | <i>Institution</i> | <i>E-Mail</i> |
|---|---|------------------------------------|
| Prof. Paula Szkody (PI) | University of Washington | szkody@astro.washington.edu |
| Dr. Anjum Mukadam (CoI) | University of Washington | anjum@astro.washington.edu |
| Dr. Boris T. Gaensicke (CoI) (ESA Member) | The University of Warwick | Boris.Gaensicke@warwick.ac.uk |
| Dr. Atsuko Nitta (CoI) | Gemini Observatory, Northern Operations | anitta@gemini.edu |
| Prof. Edward M. Sion (CoI) | Villanova University | emsion@ast.villanova.edu |
| Dr. Arne A. Henden (CoI) | American Association Of Variable Star Observers | arne@aavso.org |

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) V-PQ-AND DARK | ACS/SBC S/C | 5 | 02-Apr-2008 21:05:58.0 | yes |
| 02 | (2) REJ1255+266 DARK | ACS/SBC S/C | 5 | 02-Apr-2008 21:07:37.0 | yes |
| 03 | (3) SDSSJ074531.92+453829.5 DARK | ACS/SBC S/C | 5 | 02-Apr-2008 21:09:17.0 | yes |
| 04 | (4) SDSSJ091945.11+085710.0 DARK | ACS/SBC S/C | 5 | 02-Apr-2008 21:10:57.0 | 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> |
|--------------|-------------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 05 | (5) SDSSJ133941.12+484727.4 DARK | ACS/SBC S/C | 5 | 02-Apr-2008 21:12:31.0 | yes |
| 06 | (6) SDSSJ151413.72+454911.8 DARK | ACS/SBC S/C | 5 | 02-Apr-2008 21:14:12.0 | yes |
| A1 | DARK | S/C | 1 | 02-Apr-2008 21:14:43.0 | yes |
| A2 | DARK | S/C | 1 | 02-Apr-2008 21:14:44.0 | yes |
| A3 | DARK | S/C | 1 | 02-Apr-2008 21:14:45.0 | yes |
| A4 | DARK | S/C | 1 | 02-Apr-2008 21:14:45.0 | yes |
| A5 | DARK | S/C | 1 | 02-Apr-2008 21:14:46.0 | yes |
| A6 | DARK | S/C | 1 | 02-Apr-2008 21:14:47.0 | yes |

36 Total Orbits Used

ABSTRACT

Recent ground-based observations have increased the number of known pulsating white dwarfs in close binaries with active mass transfer (cataclysmic variables) from 5 to 11 systems. Our past Cycles 8 and 11 STIS observations of the first 2 known, followed by our Cycle 13 SBC observations of the next 3 discovered, revealed the clear presence of the white dwarf and increased amplitude of the pulsations in the UV compared to the optical. The temperatures derived from the UV spectra show 4 systems are much hotter than non-interacting pulsating white dwarfs. A larger sample is needed to sort out the nature of the instability strip in accreting pulsators i.e. whether effects of composition and rotation due to accretion result in a well-defined instability strip as a function of T_{eff} .

OBSERVING DESCRIPTION

Our proposed observations are identical to those proposed for Cycle 13 and successfully carried out in May-July of 2005. We will use the ACS with the SBC and prism PR110L in order to obtain UV coverage from about 1170-1800Å. Our goals are to obtain both time-resolved coverage in order to construct UV light curves, as well as obtain a summed spectrum with sufficient S/N to allow a temperature fit with models. Thus, the number of orbits is driven by the need to have a sufficiently long baseline to identify the pulsation frequencies, and (almost) independent of the brightness of the target. Since the number of contiguous HST orbits is limited to 5, we therefore request 30 orbits (5 for each target).

To accomplish both goals, we have devised the method of continual 60-61s integrations throughout each orbit. With a zero order exposure and setup in the first orbit, we are able to obtain 26-27 exposures in the first orbit and 27-28 in each of the 4 succeeding orbits for a total of 136-138 min of exposure on each of our 6 targets. This exposure time is sufficient to provide a summed spectrum for our 18-20th mag targets. Since our proposed targets are in the same (or brighter) visual magnitude range than our past program, we anticipate comparable results.

Even though these objects only outburst once in many decades, there were concerns about the (remote) possibility of one of our targets going into outburst. We successfully worked in a mode for our Cycle 13 program where ground-based observations were secured (world-wide) to monitor the sources from 2 weeks to 24 hrs before the start of the observations, once HST had scheduled them in a normal scheduling sequence. No outbursts occurred, but if they had,

the observation would have been canceled to ensure the detector safety.

Due to the world-wide access of the AAVSO, we anticipate a similar network of participation. Once the observations are scheduled, we will be attempting to coordinate observations of the optical pulsations in order to make the optimum match of the amplitudes between optical and UV.

Proposal 11163 - Visit 01 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

Thu Apr 03 01:14:49 GMT 2008

| | | | | | | | | | | |
|--|--|--------------|--|---------------------------------|----------------------|-----------------------|----------------------|---------------|--------------------------------|--------------|
| Visit | <p>Proposal 11163, Visit 01, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: ACS/SBC, S/C</p> <p>Special Requirements: AFTER A1 BY 2.0 Orbits TO 5.5 Orbits</p> <p><i>Comments: We will be using ground-monitoring to ensure this object is at quiescence. AFTER BY requirement needed to verify the brightness of the target using ground observations. Also, uplink opportunities are needed in the ~2 orbit interval to clear the NSSC-I Event Flag 2 and allow high-voltage turn-on, if the target is determined to be safe.</i></p> | | | | | | | | | |
| | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (1) | V-PQ-AND | RA: 02 29 29.6000 (37.3733333d) Dec: +40 02 41.00 (40.04472d) Equinox: J2000 | | V=19.1+/-0.5 | Reference Frame: ICRS | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | | (1) V-PQ-AND | ACS/SBC, ACCUM, SBC | F140LP | | | | 30.0 Secs [==>] | [1] |

Proposal 11163 - Visit 01 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|--------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 2 | | (1) V-PQ-AND | ACS/SBC, ACCUM, SBC | PR110L | | | | 60.0 Secs X 26 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | [1] |
| | | | | | | | | [==>(Copy 15)] | |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |

Proposal 11163 - Visit 01 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|--------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 3 | | (1) V-PQ-AND | ACS/SBC, ACCUM, SBC | PR110L | | | | 60.0 Secs X 28 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | |
| | | | | | | | | [==>(Copy 15)] | [2] |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |
| | | | | | | | | [==>(Copy 28)] | |

Proposal 11163 - Visit 01 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

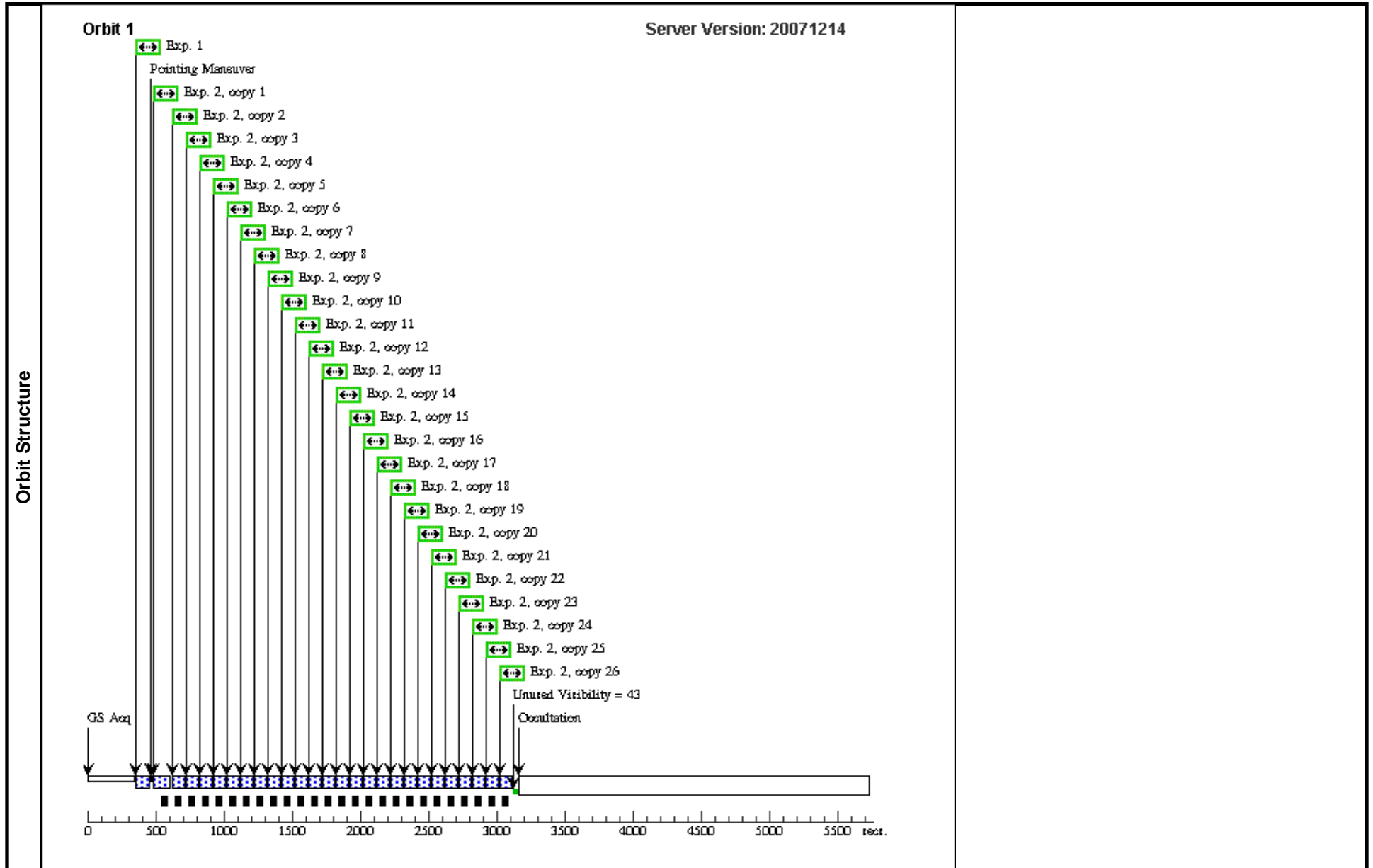
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|--------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 4 | | (1) V-PQ-AND | ACS/SBC, ACCUM, SBC | PR110L | | | | 60.0 Secs X 28 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | |
| | | | | | | | | [==>(Copy 15)] | [3] |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |
| | | | | | | | | [==>(Copy 28)] | |

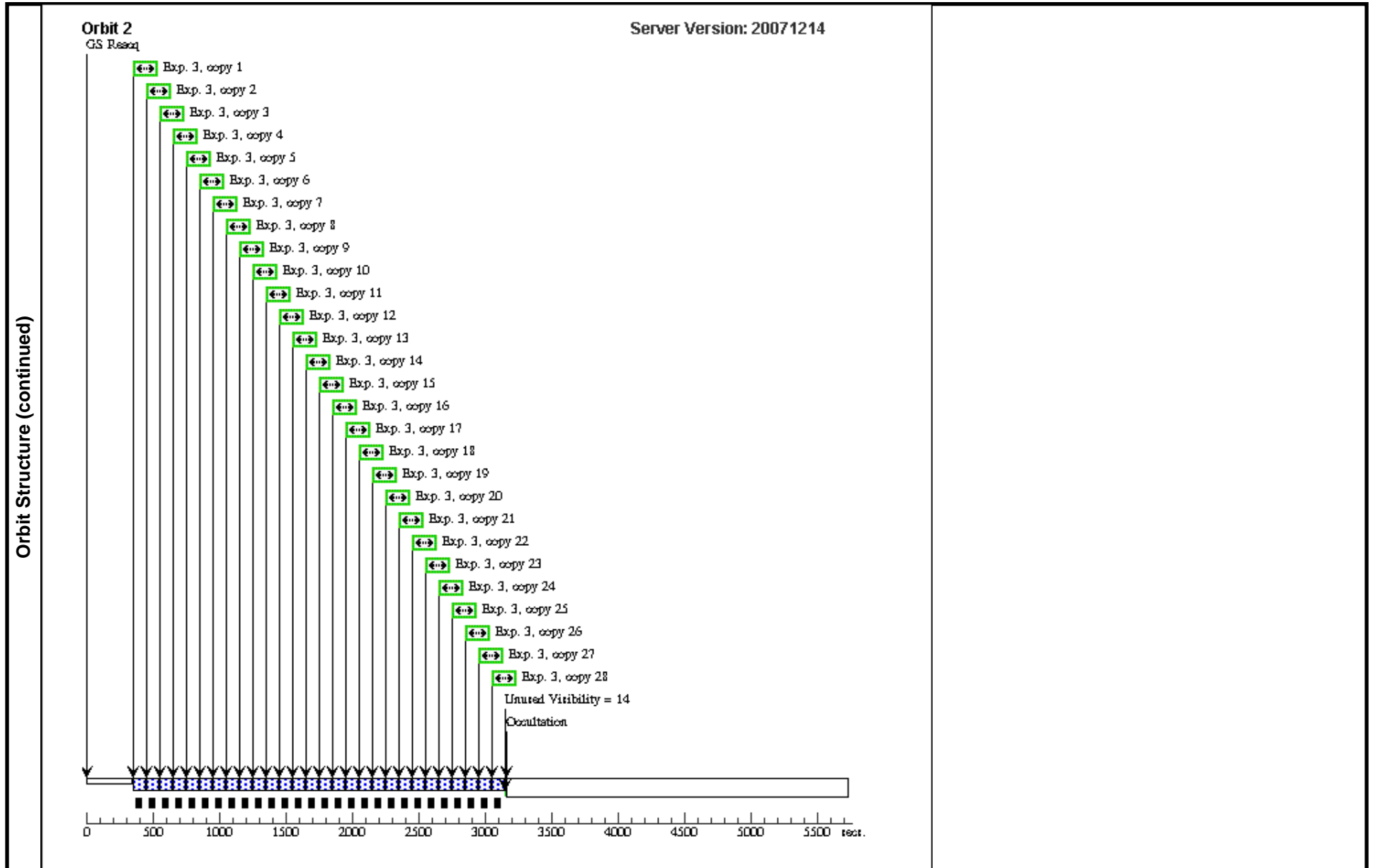
Proposal 11163 - Visit 01 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

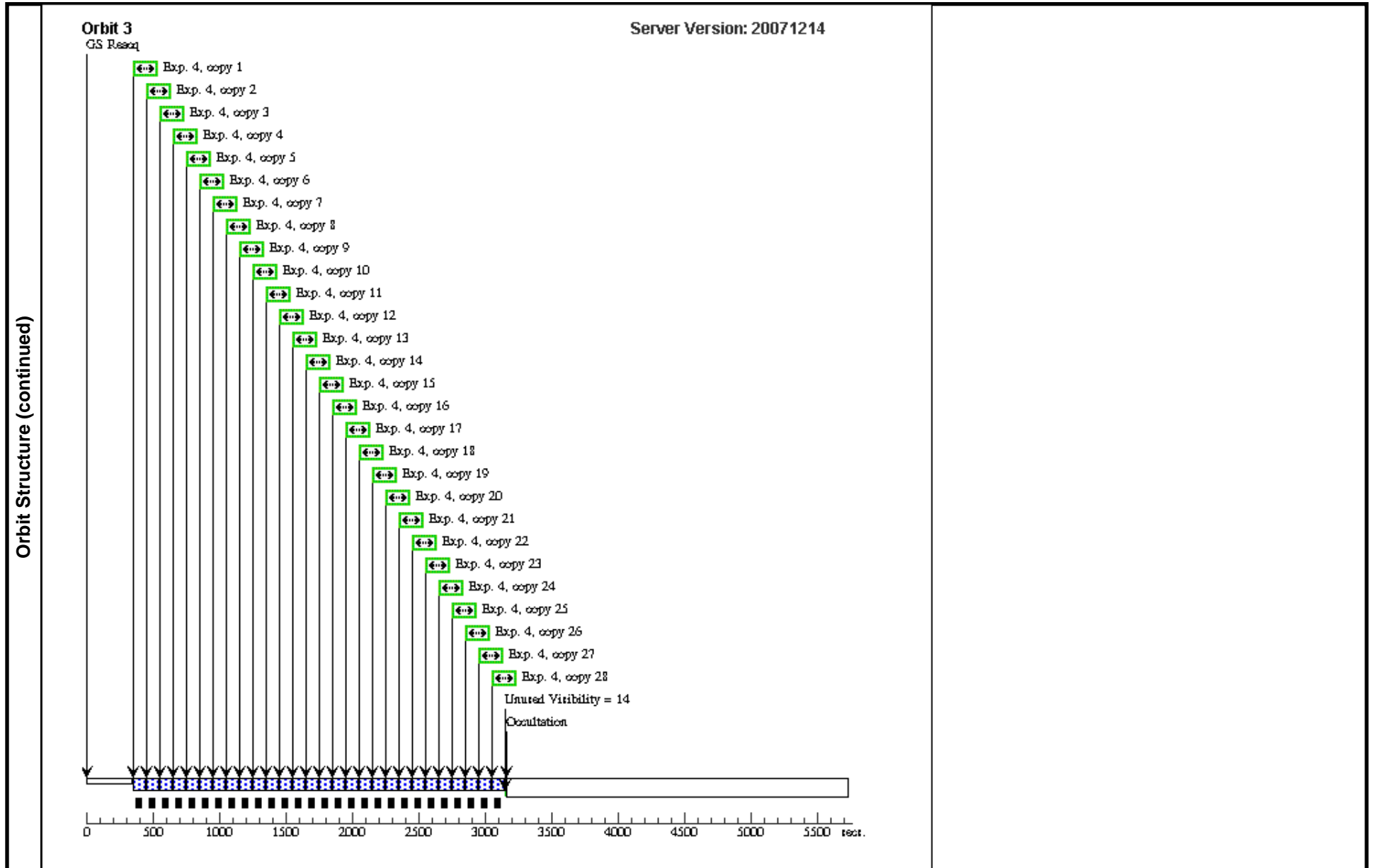
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|--------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 5 | | (1) V-PQ-AND | ACS/SBC, ACCUM, SBC | PR110L | | | | 60.0 Secs X 28 | |
| Exposures (continued) | | | | | | | | | |
| | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | |
| | | | | | | | | [==>(Copy 15)] | [4] |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |
| | | | | | | | | [==>(Copy 28)] | |

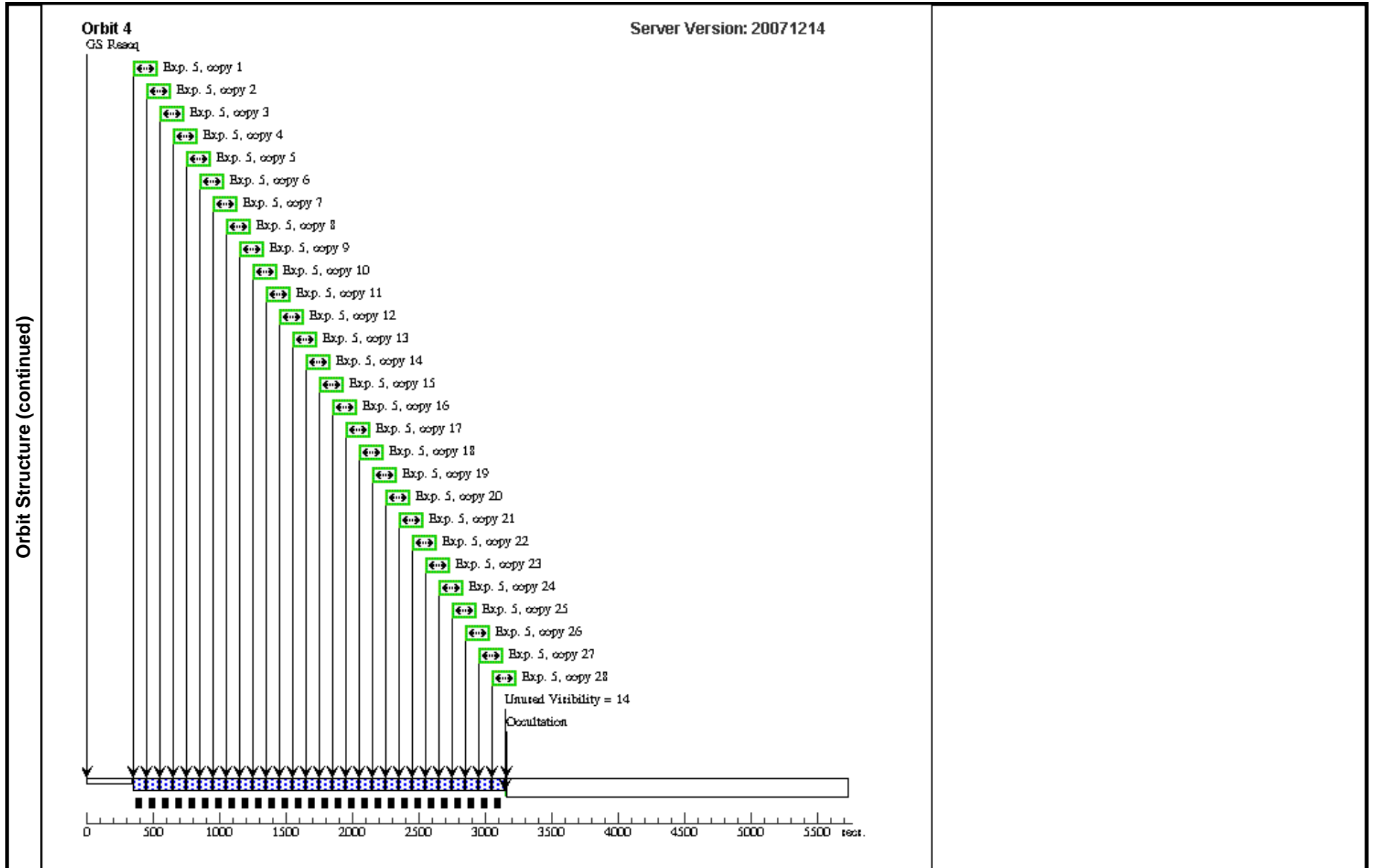
Proposal 11163 - Visit 01 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

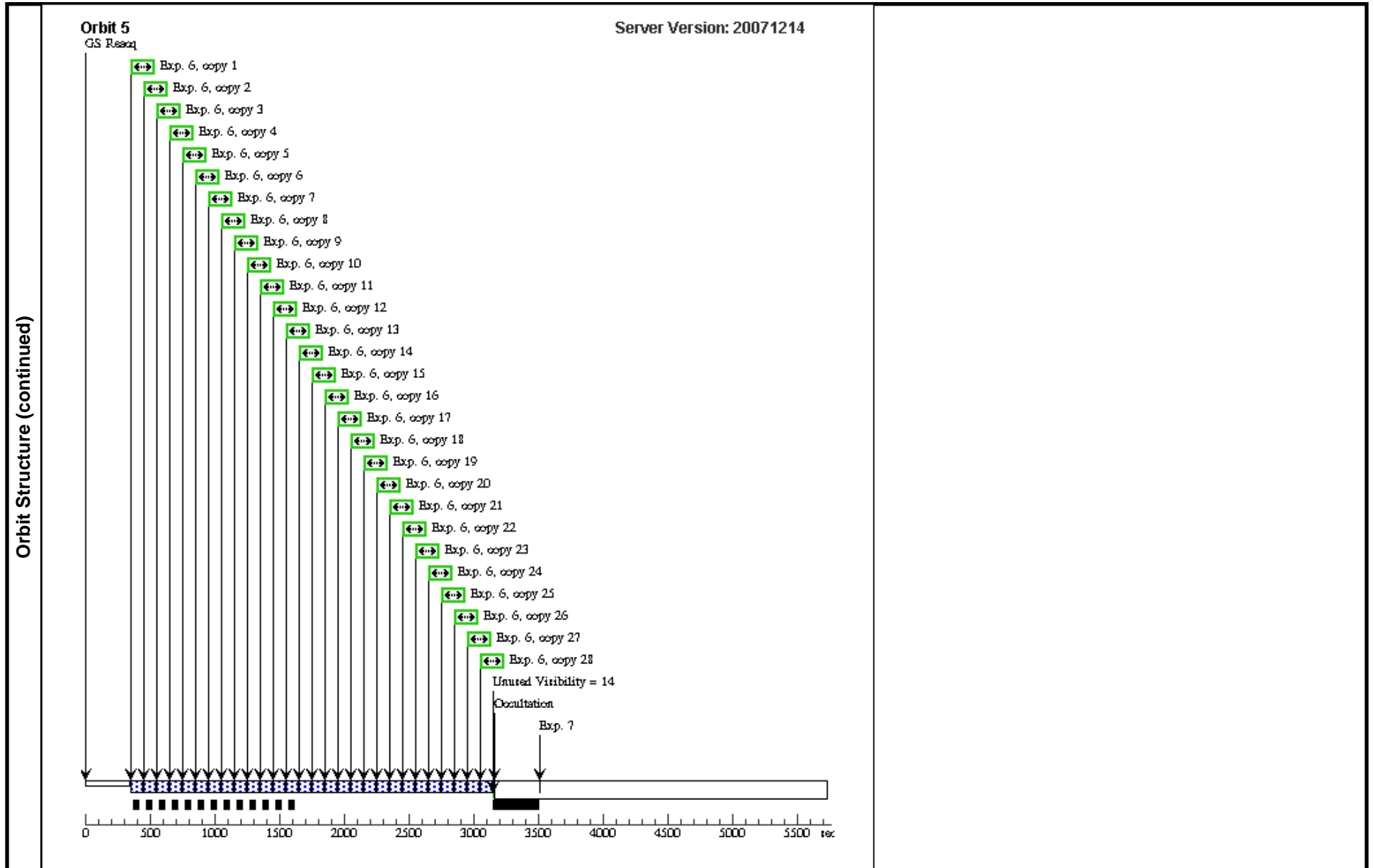
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|--|-------|--------------|----------------------|---------------|--------------|------------------------------|----------------|-------------------------|-------|
| Exposures (continued) | 6 | (1) V-PQ-AND | ACS/SBC, ACCUM, SBC | PR110L | | | | 60.0 Secs X 28 | |
| | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | |
| | | | | | | | | [==>(Copy 15)] | [5] |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |
| | | | | | | | [==>(Copy 28)] | | |
| | 7 | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EJFLAG2CLR | | 10.0 Secs | |
| | | | | | | | | [==>] | [5] |
| <p>Comments: Set NSSC-I Event Flag 2 to allow high-voltage turn-on. Insert SQL for qasi_states ACS start/end = WFHROPER, DOOR start/end = OPEN, HCOR start/end = HOLD, LAMP start/end = HOLD, and WCOR start/end = HOLD.</p> | | | | | | | | | |











Proposal 11163 - Visit 02 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

Thu Apr 03 01:14:53 GMT 2008

| | | | | | | | | | | |
|----------------------|--|--------------|---|---------------------------------|----------------------|-----------------------|----------------------|---------------|--------------------------------|--------------|
| Visit | Proposal 11163, Visit 02, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC, S/C Special Requirements: AFTER A2 BY 2.0 Orbits TO 5.5 Orbits <i>Comments: We will be using ground-monitoring to ensure this object is at quiescence. AFTER BY requirement needed to verify the brightness of the target using ground observations. Also, uplink opportunities are needed in the ~2 orbit interval to clear the NSSC-I Event Flag 2 and allow high-voltage turn-on, if the target is determined to be safe.</i> | | | | | | | | | |
| | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (2) | REJ1255+266 | RA: 12 55 10.6500 (193.7943750d) Dec: +26 42 26.30 (26.70731d) Equinox: J2000 | | V=18+/-0.5 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | | (2) REJ1255+266 | ACS/SBC, ACCUM, SBC | F140LP | | | | 25.0 Secs [==>] | [1] |

Proposal 11163 - Visit 02 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|-----------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 2 | | (2) REJ1255+266 | ACS/SBC, ACCUM, SBC | PR110L | | | | 61.0 Secs X 26 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | [1] |
| | | | | | | | | [==>(Copy 15)] | |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |

Proposal 11163 - Visit 02 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|-----------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 3 | | (2) REJ1255+266 | ACS/SBC, ACCUM, SBC | PR110L | | | | 61.0 Secs X 27 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | [2] |
| | | | | | | | | [==>(Copy 15)] | |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |

Proposal 11163 - Visit 02 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

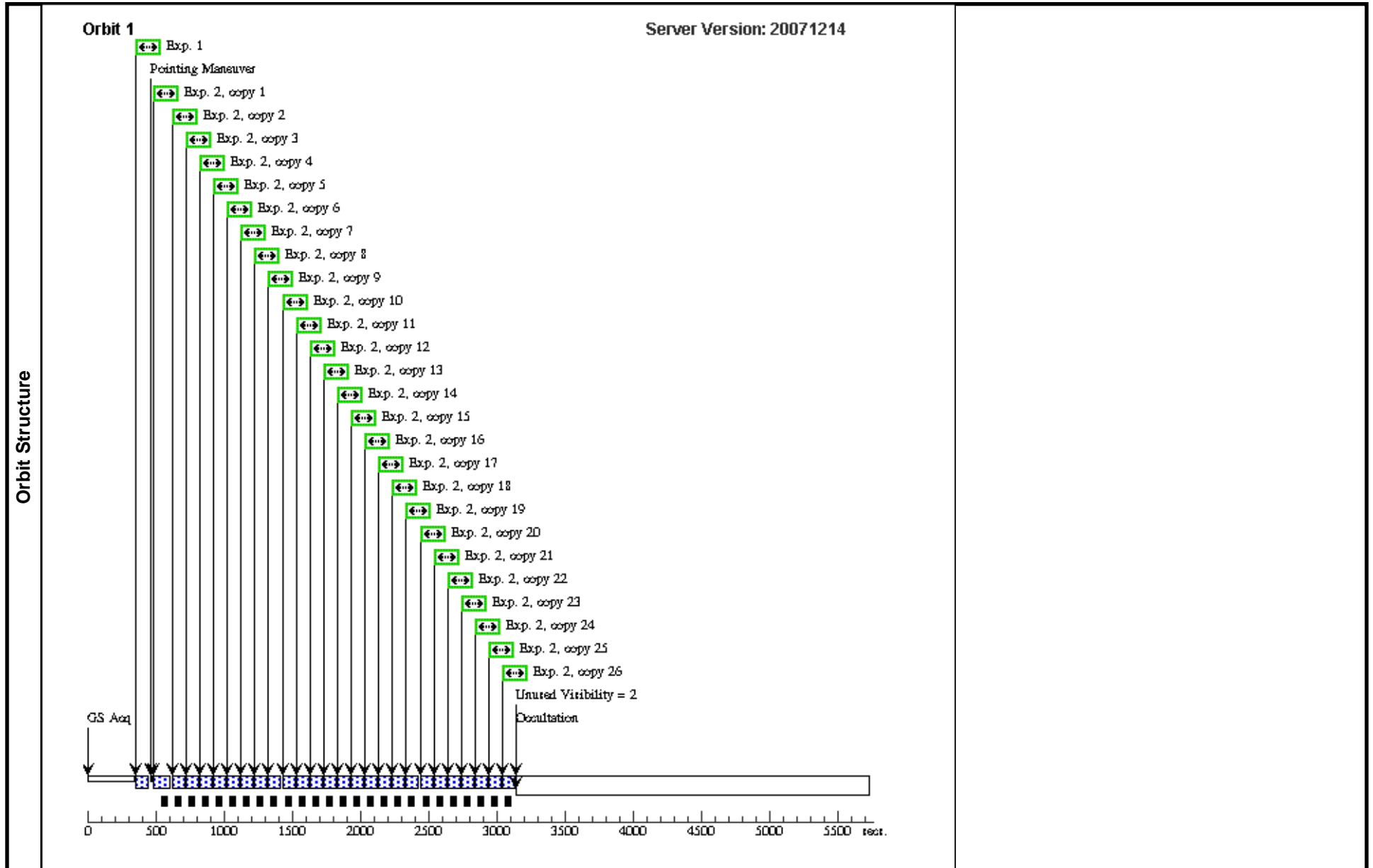
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|-----------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 4 | | (2) REJ1255+266 | ACS/SBC, ACCUM, SBC | PR110L | | | | 61.0 Secs X 27 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | [3] |
| | | | | | | | | [==>(Copy 15)] | |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |

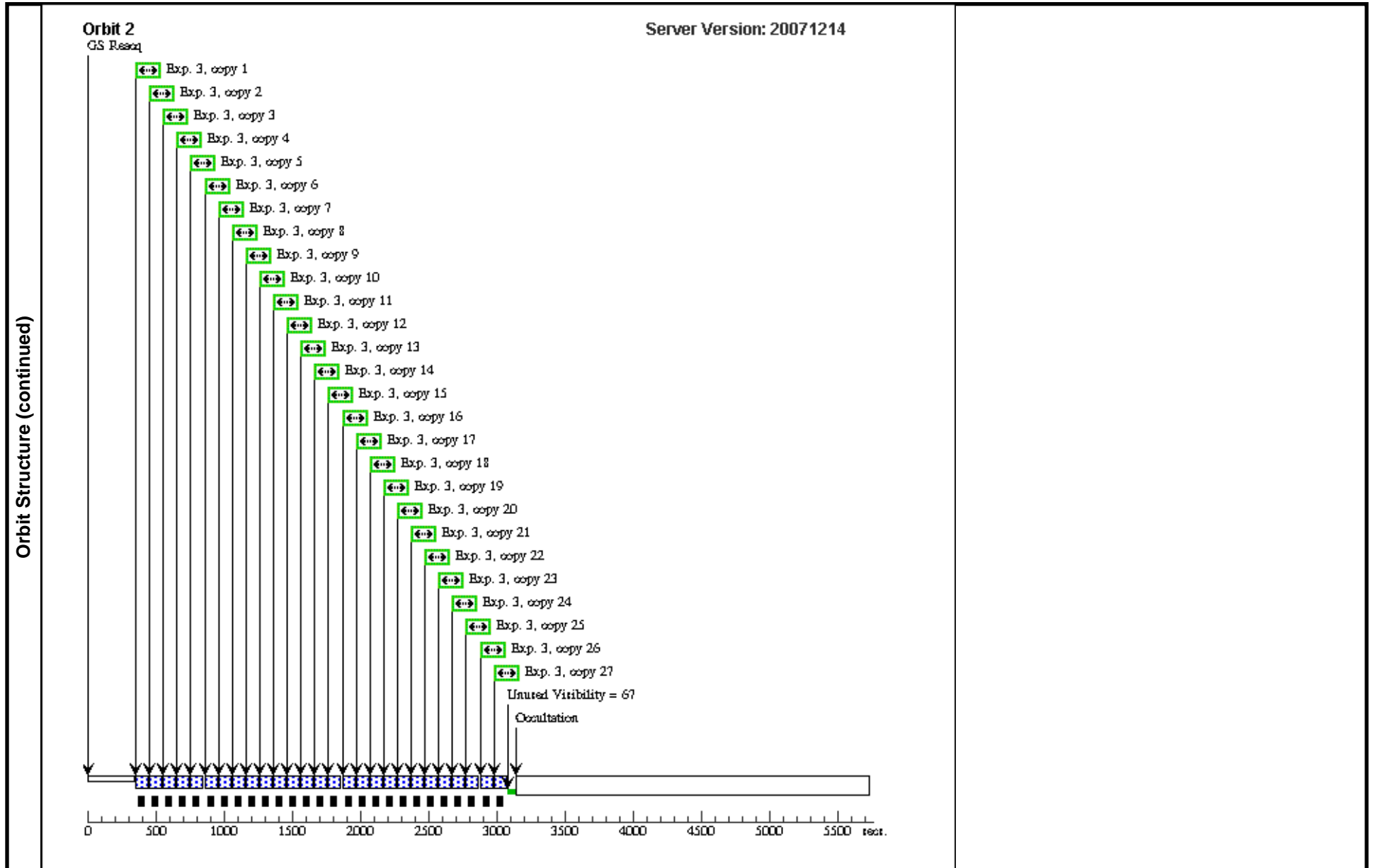
Proposal 11163 - Visit 02 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

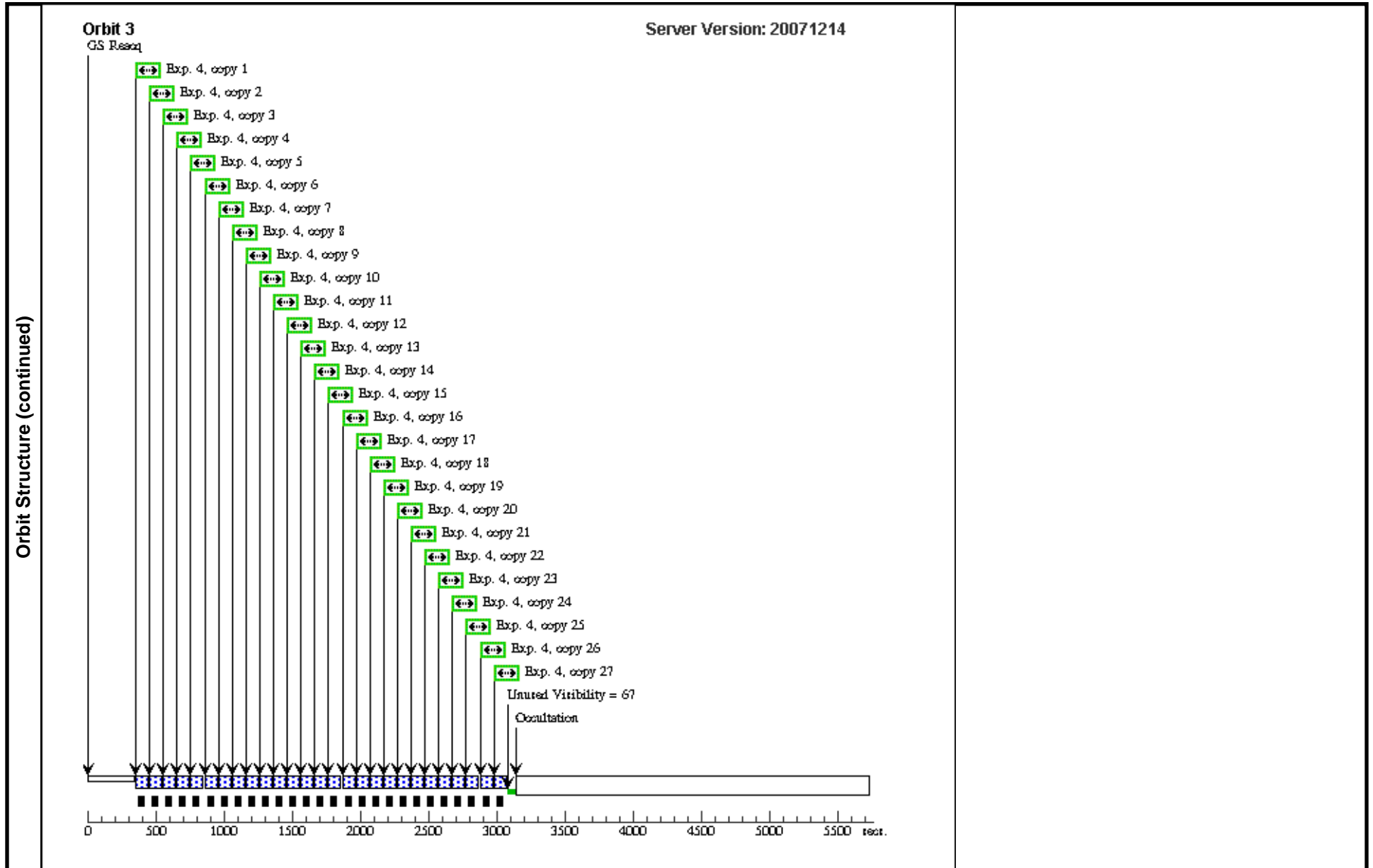
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|-----------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| Exposures (continued) | 5 | (2) REJ1255+266 | ACS/SBC, ACCUM, SBC | PR110L | | | | 61.0 Secs X 27 | |
| | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | [4] |
| | | | | | | | | [==>(Copy 15)] | |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |

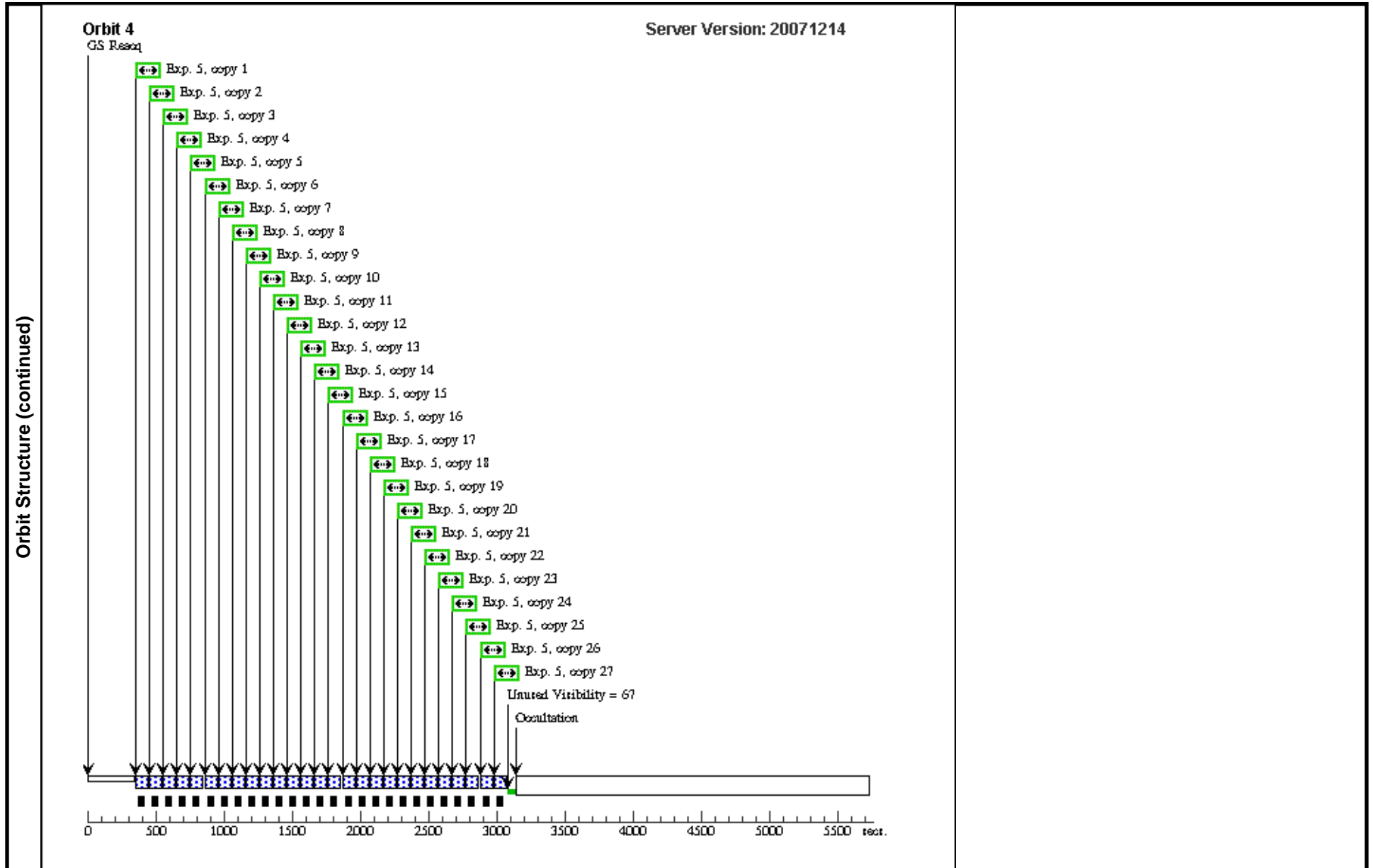
Proposal 11163 - Visit 02 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

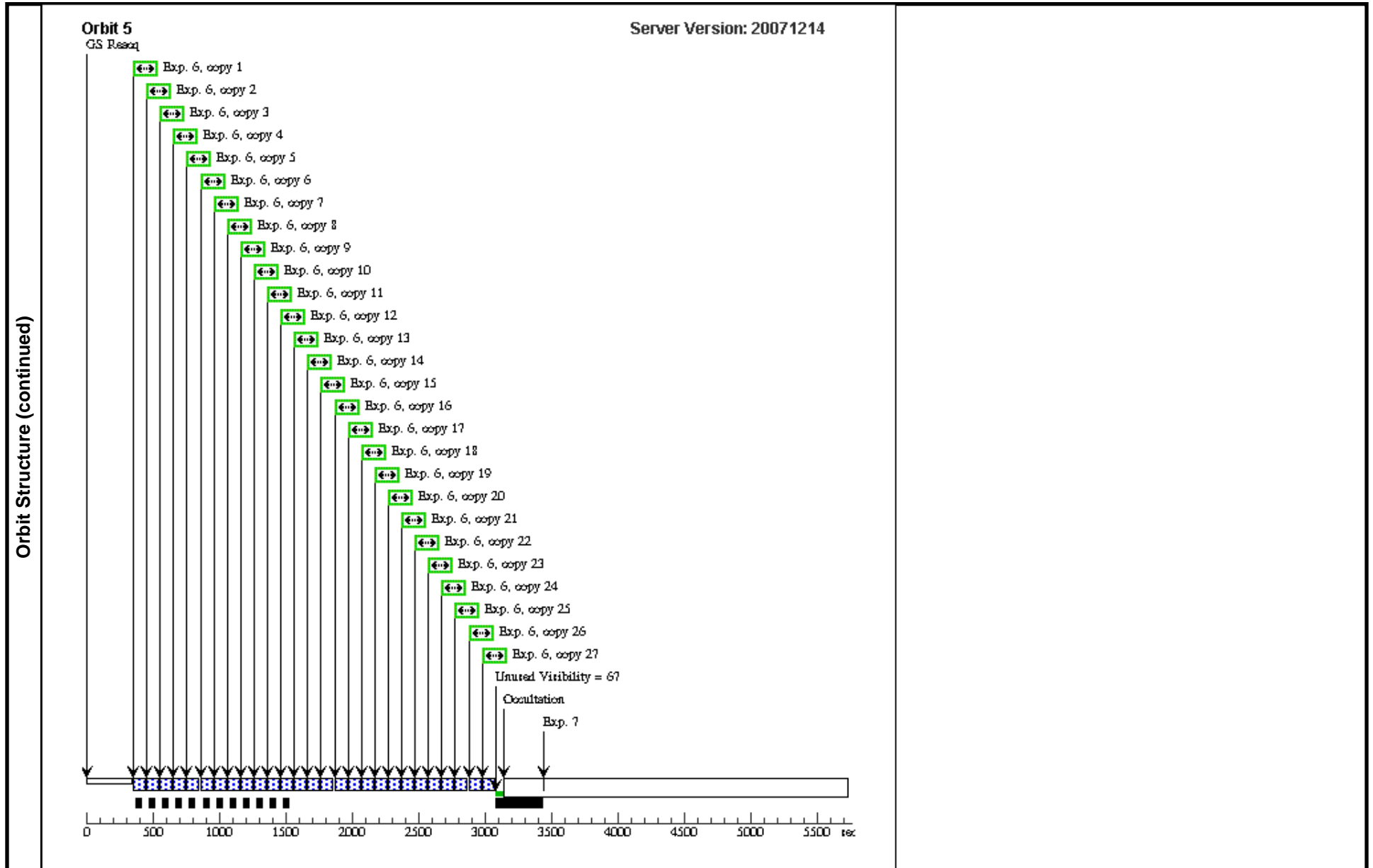
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | |
|-----------------------|--|-----------------|----------------------|---------------|--------------|------------------------------|--------|---|-------|--|
| Exposures (continued) | 6 | (2) REJ1255+266 | ACS/SBC, ACCUM, SBC | PR110L | | | | 61.0 Secs X 27 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] | [5] | |
| | 7 | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EJFLAG2CLR | | 10.0 Secs [==>] | [5] | |
| | <p>Comments: Set NSSC-I Event Flag 2 to allow high-voltage turn-on. Insert SQL for qasi_states ACS start/end = WFHROPER, DOOR start/end = OPEN, HCOR start/end = HOLD, LAMP start/end = HOLD, and WCOR start/end = HOLD.</p> | | | | | | | | | |











Proposal 11163 - Visit 03 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

Thu Apr 03 01:14:56 GMT 2008

| | | | | | | | | | | |
|------------------------------|--|-------------------------|---|---------------------------------|----------------------|-----------------------|----------------------|---------------|--------------------------------|--------------|
| Visit | <p>Proposal 11163, Visit 03, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: ACS/SBC, S/C</p> <p>Special Requirements: AFTER A3 BY 2.0 Orbits TO 5.5 Orbits</p> <p><i>Comments: We will be using ground-monitoring to ensure this object is at quiescence. AFTER BY requirement needed to verify the brightness of the target using ground observations. Also, uplink opportunities are needed in the ~2 orbit interval to clear the NSSC-I Event Flag 2 and allow high-voltage turn-on, if the target is determined to be safe.</i></p> | | | | | | | | | |
| | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (3) | SDSSJ074531.92+453829.5 | RA: 07 45 31.9200 (116.3830000d) Dec: +45 38 29.50 (45.64153d) Equinox: J2000 | | V=19+/-0.5 | Reference Frame: ICRS | | | | |
| <i>Comments: SDSS object</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | | (3) SDSSJ074531.92+453829.5 | ACS/SBC, ACCUM, SBC | F140LP | | | | 55.0 Secs [==>] | [1] |

Proposal 11163 - Visit 03 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|---|-------|
| 2 | | (3) SDSSJ074531.92 +453829.5 | ACS/SBC, ACCUM, SBC | PR110L | | | | 61.0 Secs X 26 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] | [1] |

Exposures (continued)

Proposal 11163 - Visit 03 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|---|-------|
| 3 | | (3) SDSSJ074531.92 +453829.5 | ACS/SBC, ACCUM, SBC | PR110L | | | | 61.0 Secs X 28 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] | [2] |

Exposures (continued)

Proposal 11163 - Visit 03 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| Exposures (continued) | | (3) SDSSJ074531.92 +453829.5 | ACS/SBC, ACCUM, SBC | PR110L | | | | 61.0 Secs X 28 | |
| | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | |
| | | | | | | | | [==>(Copy 15)] | |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |
| [==>(Copy 28)] | | | | | | | | | |

Proposal 11163 - Visit 03 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

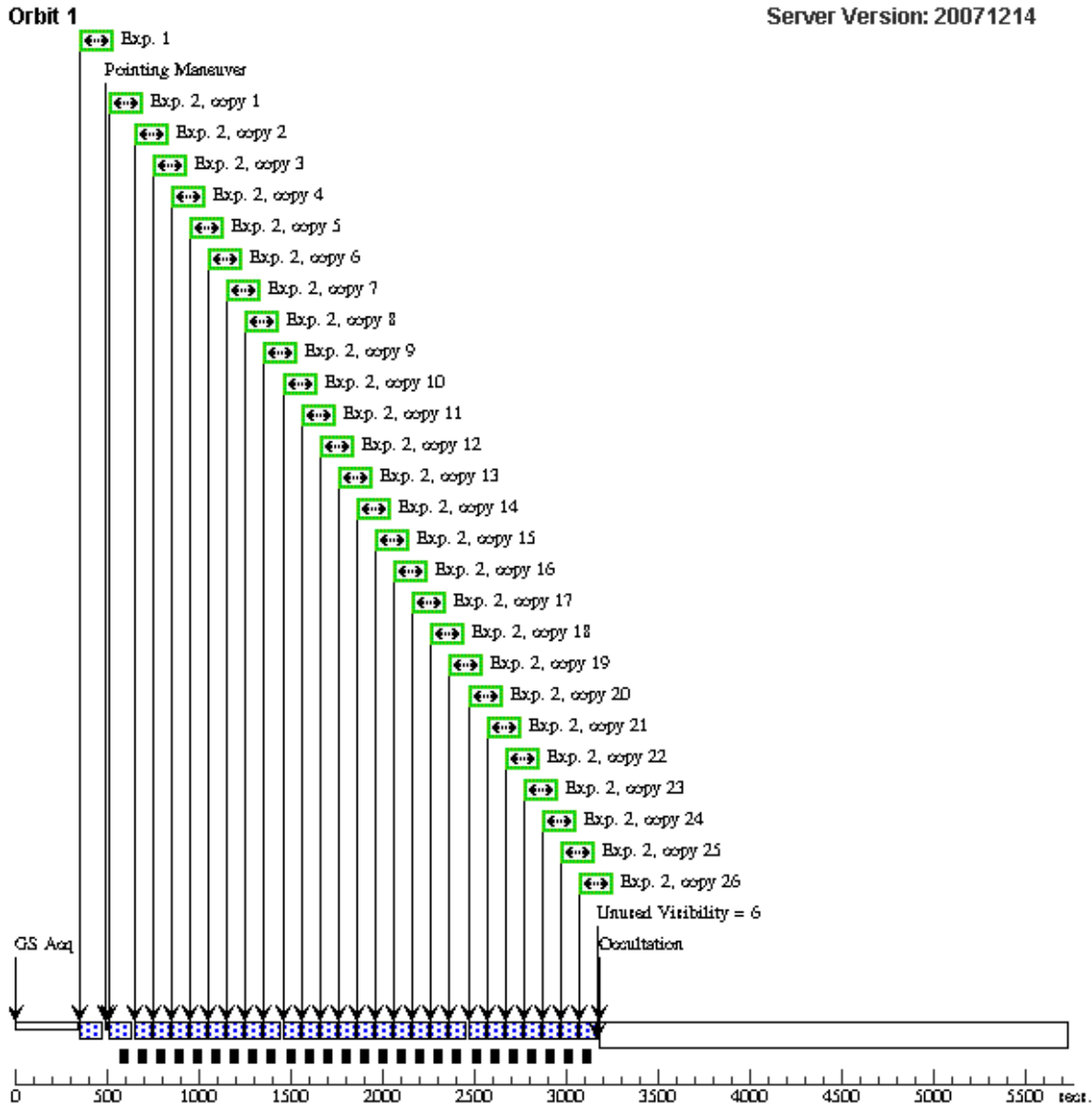
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 5 | | (3) SDSSJ074531.92 +453829.5 | ACS/SBC, ACCUM, SBC | PR110L | | | | 61.0 Secs X 28 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | |
| | | | | | | | | [==>(Copy 15)] | [4] |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |
| | | | | | | | | [==>(Copy 28)] | |

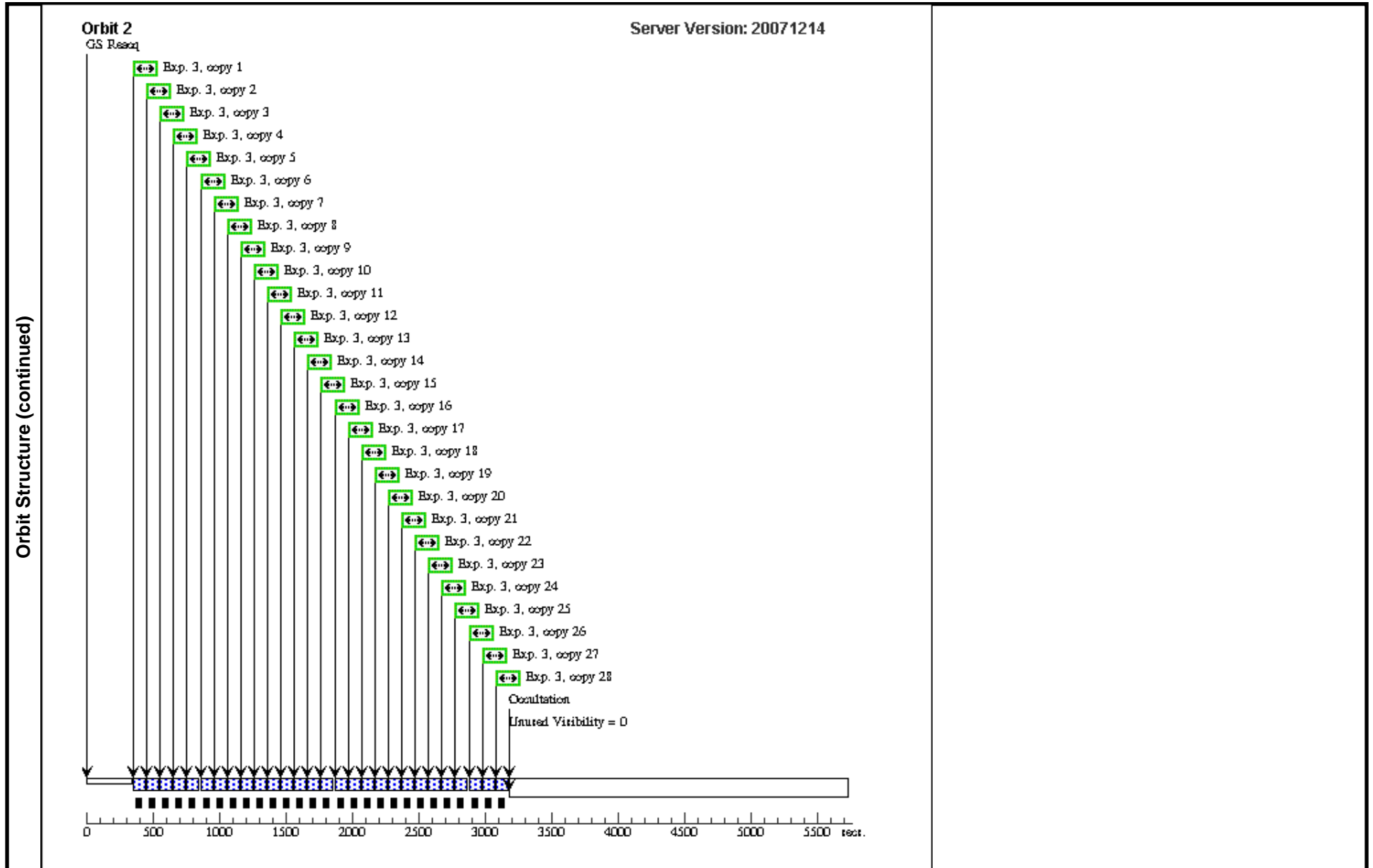
Proposal 11163 - Visit 03 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

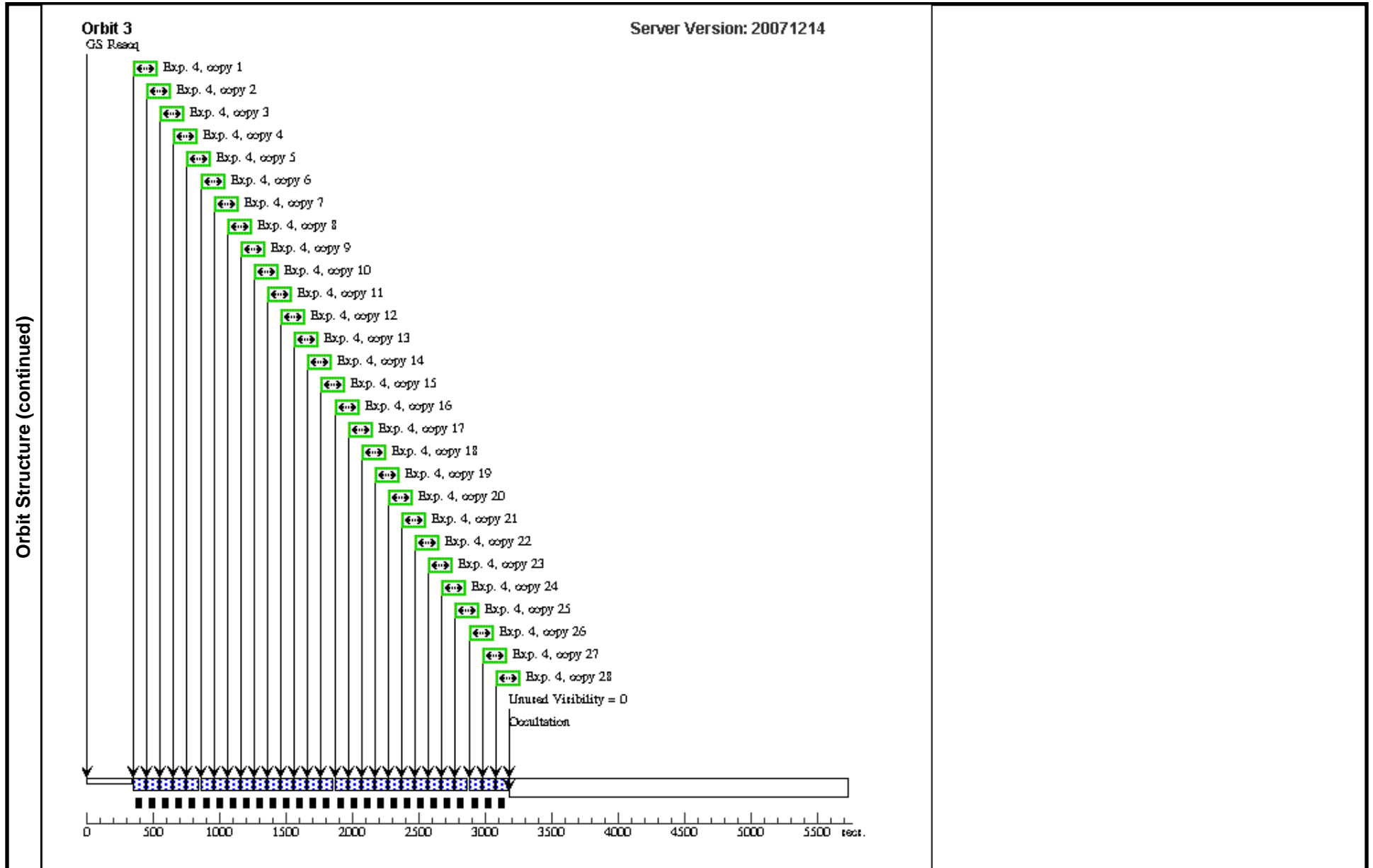
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | |
|-----------------------|--|---------------------------------|----------------------|---------------|--------------|------------------------------|--------|---|-------|--|
| Exposures (continued) | 6 | (3) SDSSJ074531.92 +453829.5 | ACS/SBC, ACCUM, SBC | PR110L | | | | 61.0 Secs X 28 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] | [5] | |
| | 7 | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EJFLAG2CLR | | 10.0 Secs [==>] | [5] | |
| | <p>Comments: Set NSSC-I Event Flag 2 to allow high-voltage turn-on. Insert SQL for qasi_states ACS start/end = WFHROPER, DOOR start/end = OPEN, HCOR start/end = HOLD, LAMP start/end = HOLD, and WCOR start/end = HOLD.</p> | | | | | | | | | |

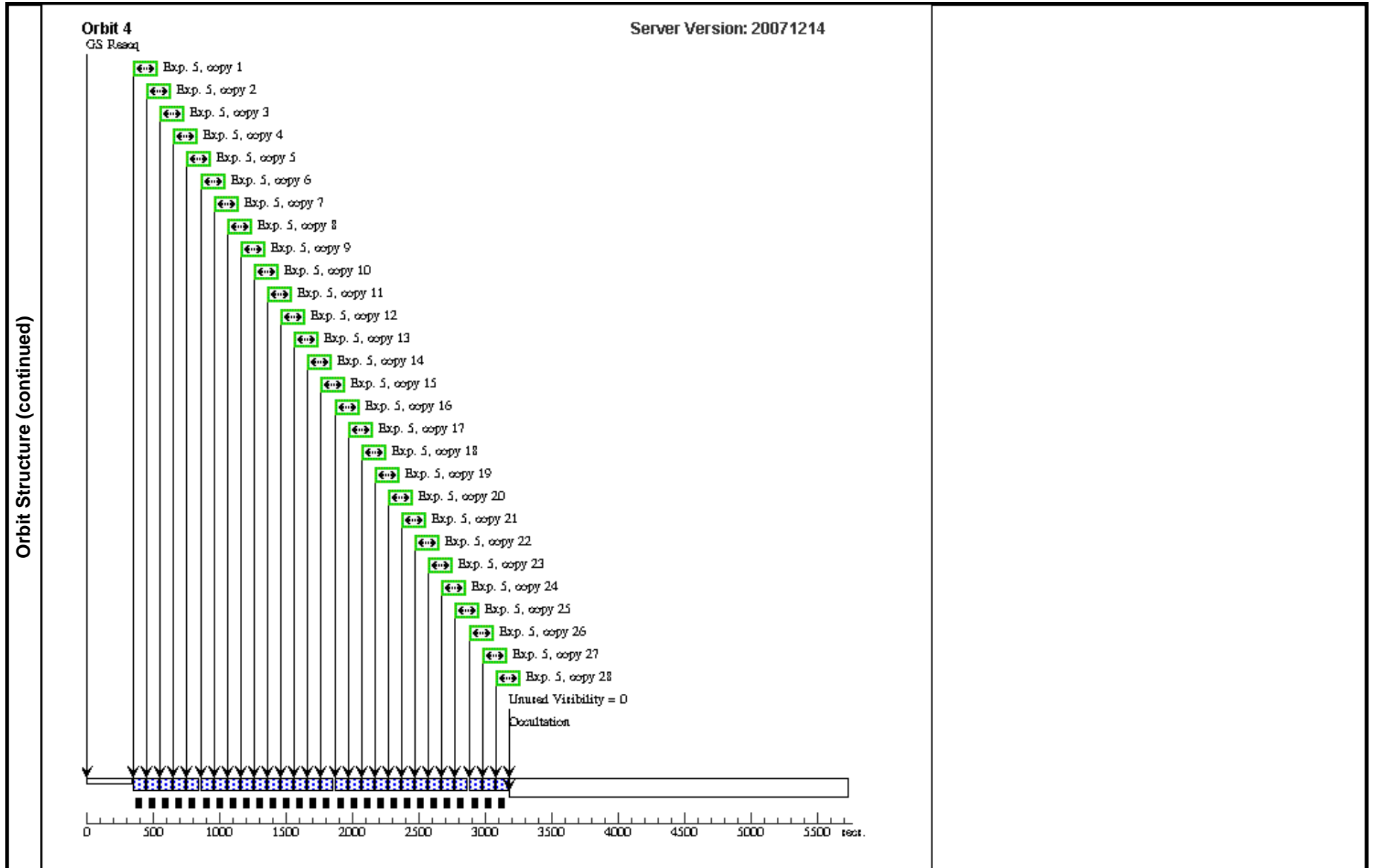
Server Version: 20071214

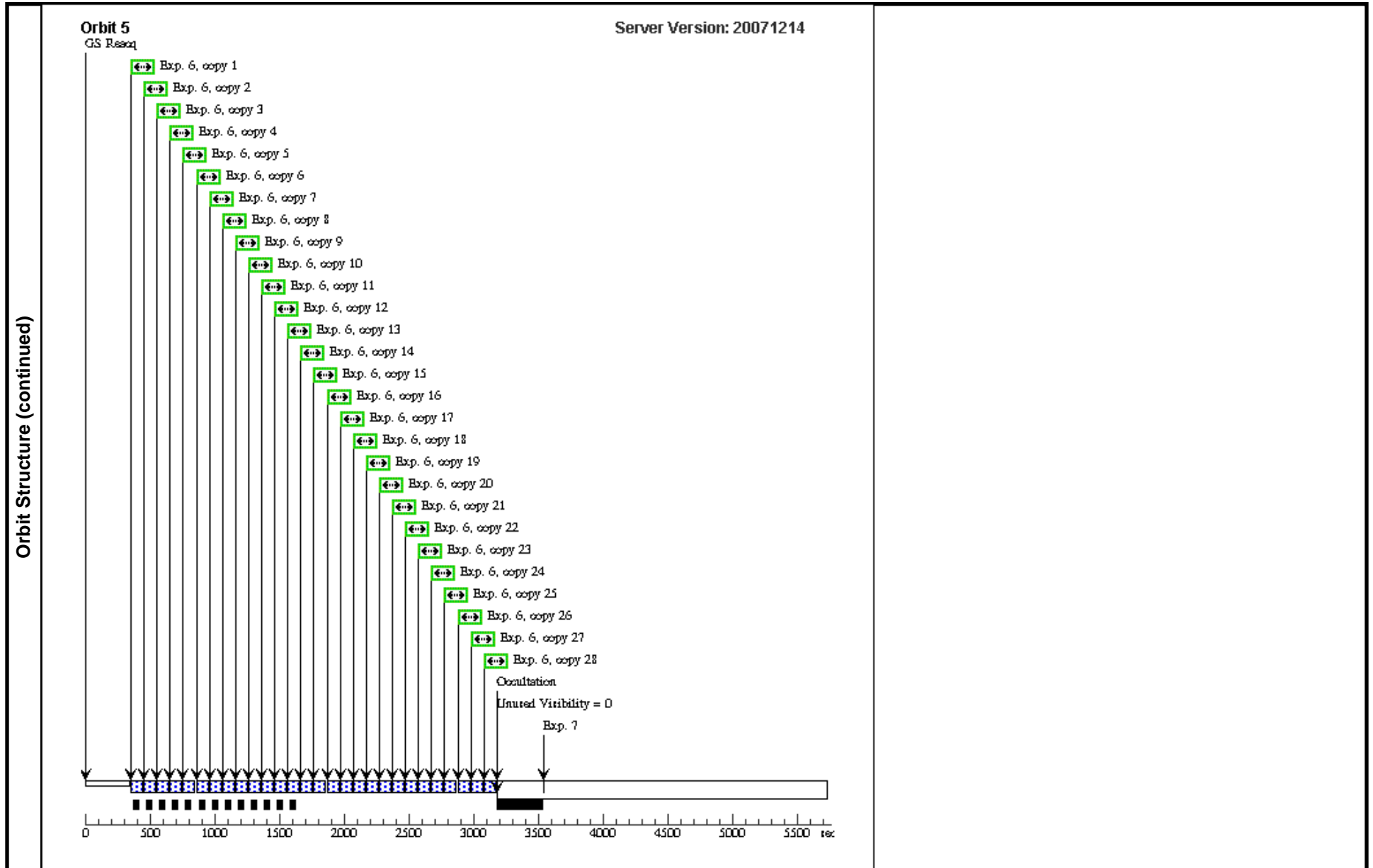
Orbit Structure











Proposal 11163 - Visit 04 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

Thu Apr 03 01:14:58 GMT 2008

| | | | | | | | | | | | |
|------------------------------|---|-------------------------|--|---------------------------------|----------------------|---------------------|----------------------|-----------------------|--------------------------------|-----|--------------|
| Visit | <p>Proposal 11163, Visit 04, completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: ACS/SBC, S/C</p> <p>Special Requirements: AFTER A4 BY 2.0 Orbits TO 5.5 Orbits</p> <p><i>Comments: We will be using ground-monitoring to ensure this object is at quiescence. AFTER BY requirement needed to verify the brightness of the target using ground observations. Also, uplink opportunities are needed in the ~2 orbit interval to clear the NSSC-I Event Flag 2 and allow high-voltage turn-on, if the target is determined to be safe.</i></p> | | | | | | | | | | |
| | <p>(Visit 04) Warning (OP): VISIBILITY OVERRUN</p> | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | | | Fluxes | Miscellaneous | | | |
| | (4) | SDSSJ091945.11+085710.0 | RA: 09 19 45.1100 (139.9379583d) Dec: +08 57 10.00 (8.95278d) Equinox: J2000 | | | | V=18+/-0.5 | Reference Frame: ICRS | | | |
| <i>Comments: SDSS object</i> | | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | | Orbit |
| | 1 | | (4) SDSSJ091945.11+085710.0 | ACS/SBC, ACCUM, SBC | F140LP | | | | 15.0 Secs | | |
| | | | | | | | | | [==>] | [1] | |

Proposal 11163 - Visit 04 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|---|-------|
| 2 | | (4) SDSSJ091945.11 +085710.0 | ACS/SBC, ACCUM, SBC | PR130L | | | | 61.0 Secs X 26 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] | [1] |

Exposures (continued)

Proposal 11163 - Visit 04 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 3 | | (4) SDSSJ091945.11 +085710.0 | ACS/SBC, ACCUM, SBC | PR130L | | | | 61.0 Secs X 27 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | [2] |
| | | | | | | | | [==>(Copy 15)] | |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |

Proposal 11163 - Visit 04 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

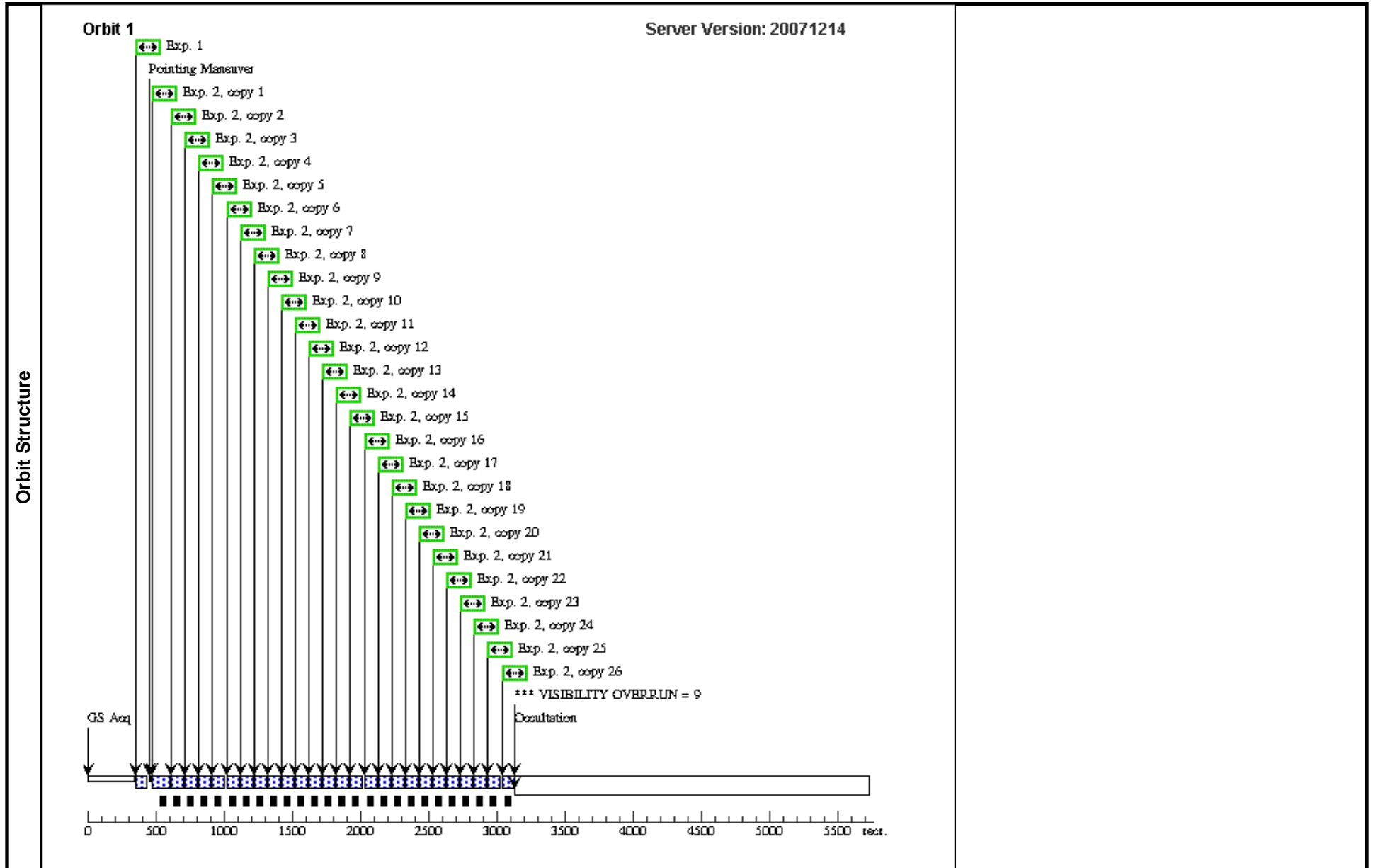
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 4 | | (4) SDSSJ091945.11 +085710.0 | ACS/SBC, ACCUM, SBC | PR130L | | | | 61.0 Secs X 27 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | [3] |
| | | | | | | | | [==>(Copy 15)] | |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |

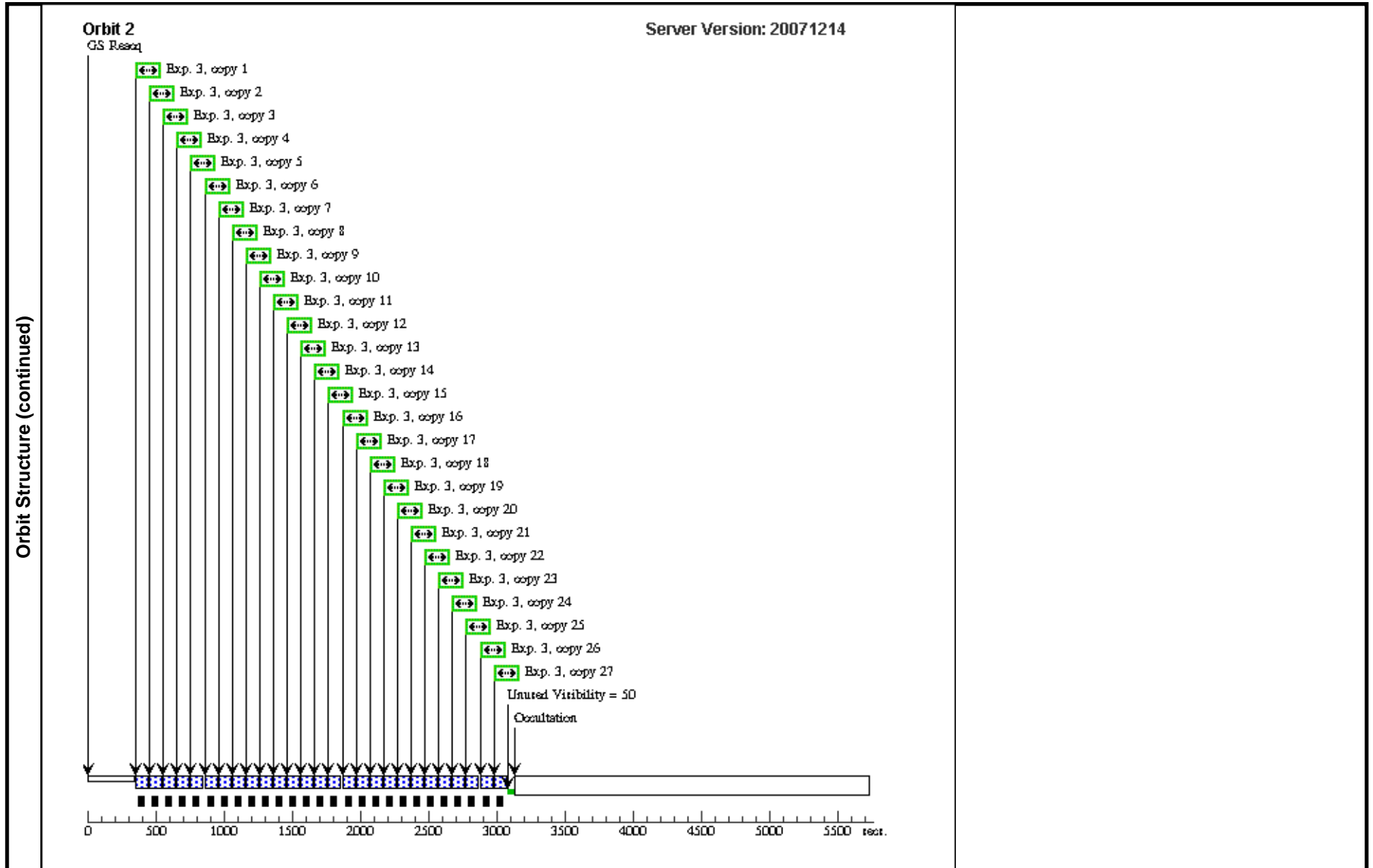
Proposal 11163 - Visit 04 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

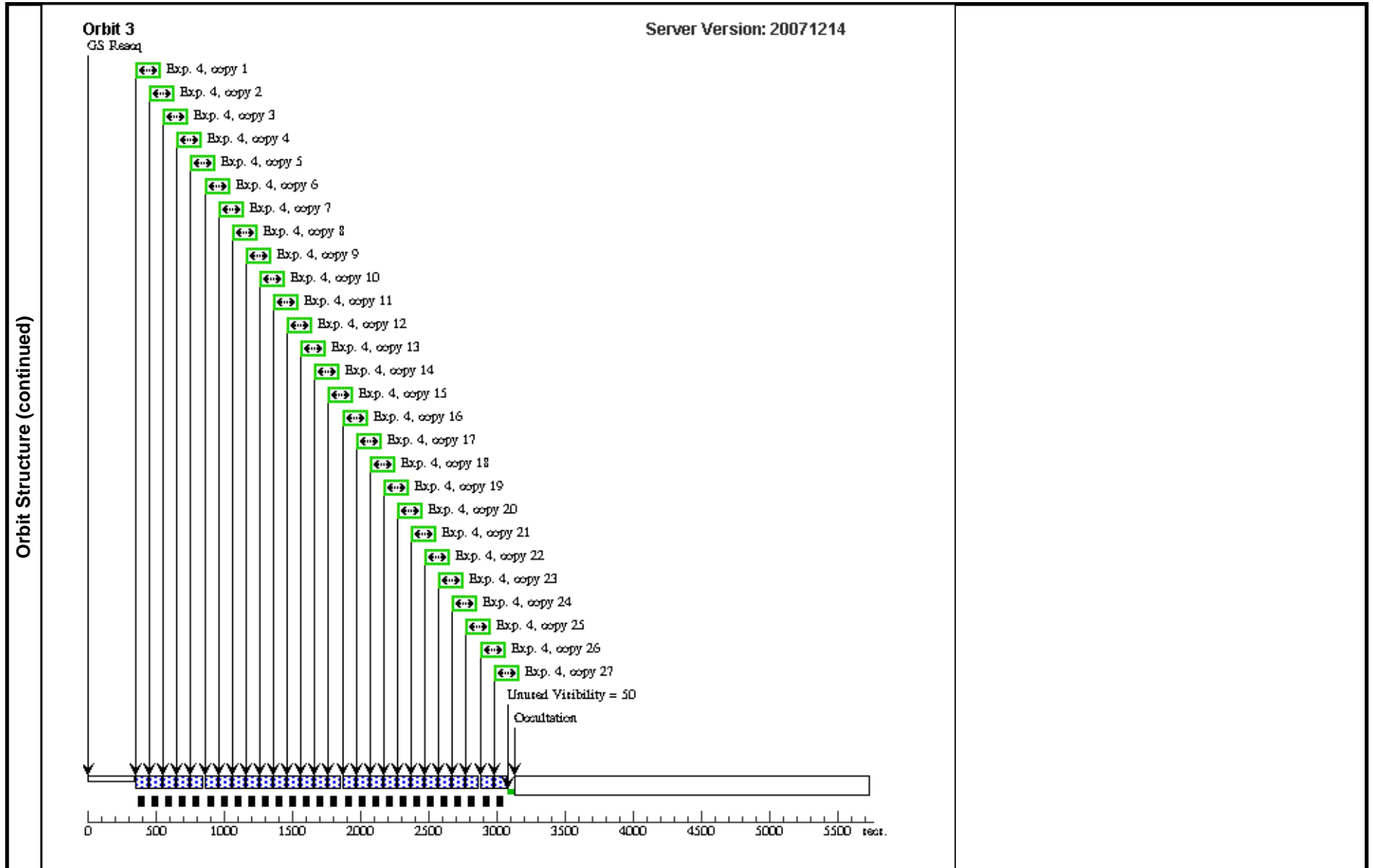
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| Exposures (continued) | 5 | (4) SDSSJ091945.11 +085710.0 | ACS/SBC, ACCUM, SBC | PR130L | | | | 61.0 Secs X 27 | |
| | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | [4] |
| | | | | | | | | [==>(Copy 15)] | |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |

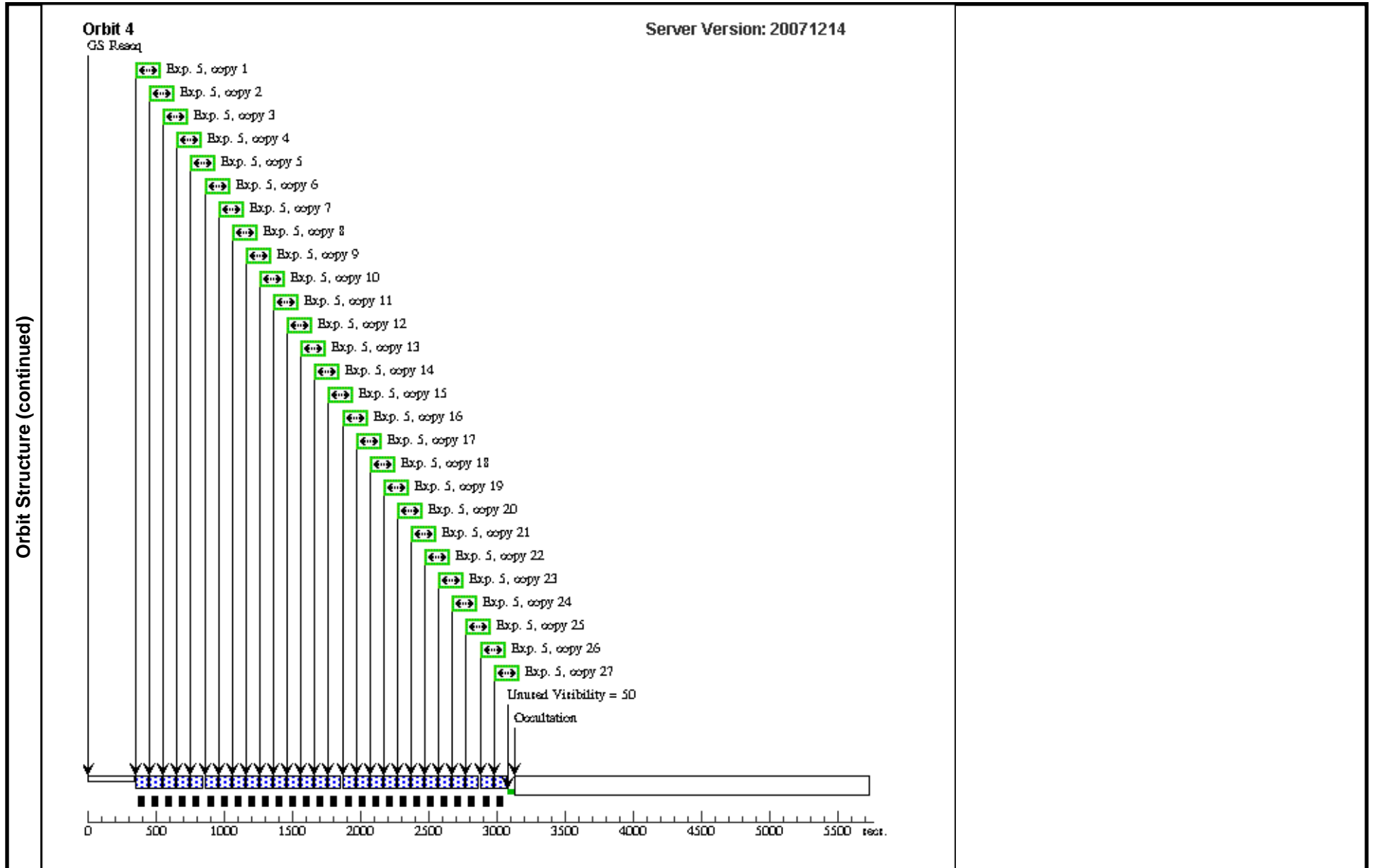
Proposal 11163 - Visit 04 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

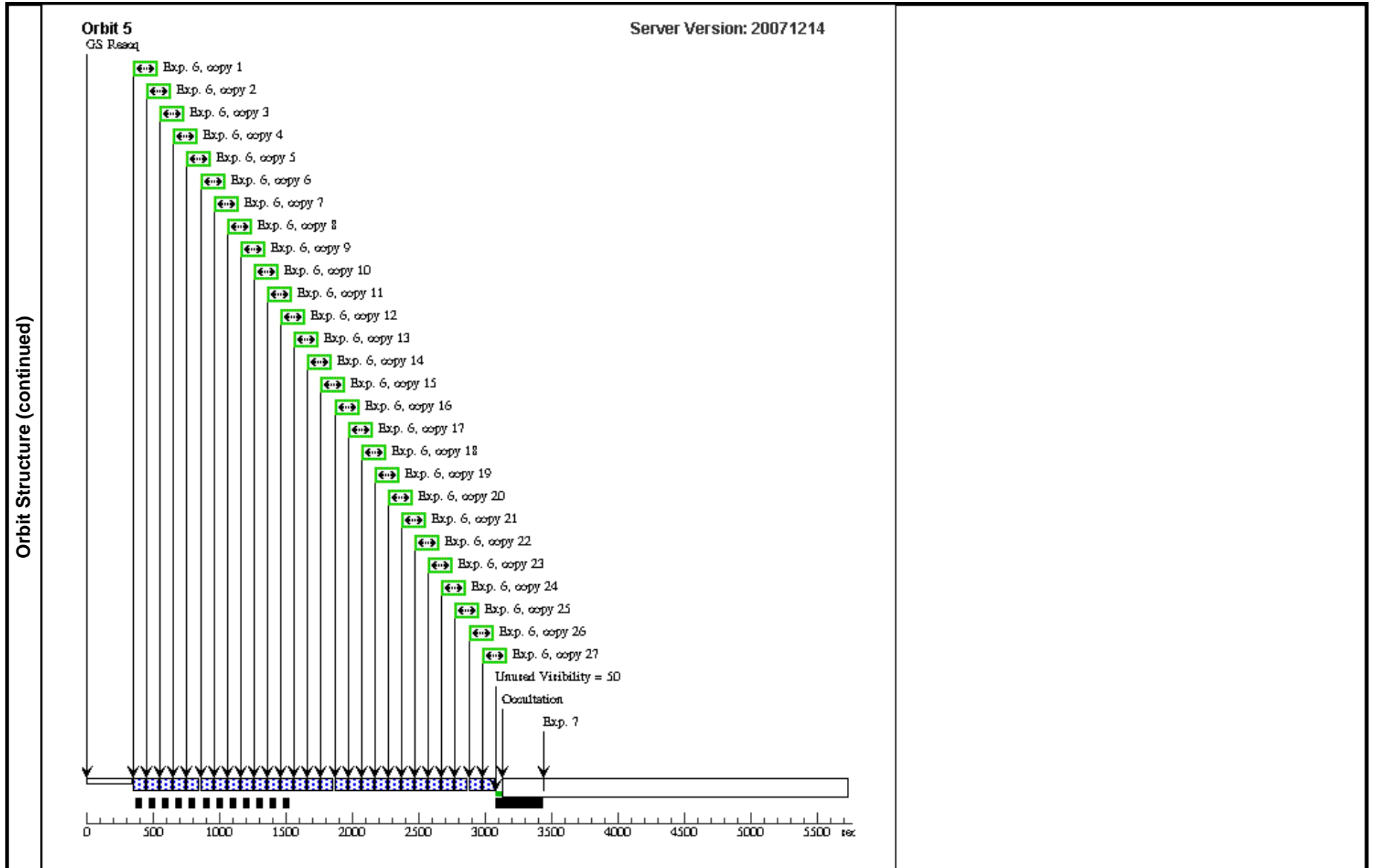
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | |
|-----------------------|--|---------------------------------|----------------------|---------------|--------------|------------------------------|--------|---|-------|--|
| Exposures (continued) | 6 | (4) SDSSJ091945.11 +085710.0 | ACS/SBC, ACCUM, SBC | PR130L | | | | 61.0 Secs X 27 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] | [5] | |
| | 7 | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EJFLAG2CLR | | 10.0 Secs [==>] | [5] | |
| | <p>Comments: Set NSSC-I Event Flag 2 to allow high-voltage turn-on. Insert SQL for qasi_states ACS start/end = WFHROPER, DOOR start/end = OPEN, HCOR start/end = HOLD, LAMP start/end = HOLD, and WCOR start/end = HOLD.</p> | | | | | | | | | |











Proposal 11163 - Visit 05 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

Thu Apr 03 01:15:00 GMT 2008

| | | | | | | | | | | |
|------------------------------|--|-------------------------|---|---------------------------------|----------------------|-----------------------|----------------------|---------------|--------------------------------|--------------|
| Visit | <p>Proposal 11163, Visit 05, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: ACS/SBC, S/C</p> <p>Special Requirements: AFTER A5 BY 2.0 Orbits TO 5.5 Orbits</p> <p><i>Comments: We will be using ground-monitoring to ensure this object is at quiescence. AFTER BY requirement needed to verify the brightness of the target using ground observations. Also, uplink opportunities are needed in the ~2 orbit interval to clear the NSSC-I Event Flag 2 and allow high-voltage turn-on, if the target is determined to be safe.</i></p> | | | | | | | | | |
| | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (5) | SDSSJ133941.12+484727.4 | RA: 13 39 41.1200 (204.9213333d) Dec: +48 47 27.40 (48.79094d) Equinox: J2000 | | V=18+/-0.5 | Reference Frame: ICRS | | | | |
| <i>Comments: SDSS object</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | | (5) SDSSJ133941.12+484727.4 | ACS/SBC, ACCUM, SBC | F140LP | | | | 25.0 Secs [==>] | [1] |

Proposal 11163 - Visit 05 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|---|-------|
| 2 | | (5) SDSSJ133941.12 +484727.4 | ACS/SBC, ACCUM, SBC | PR130L | | | | 61.0 Secs X 26 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] | [1] |

Exposures (continued)

Proposal 11163 - Visit 05 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 3 | | (5) SDSSJ133941.12 +484727.4 | ACS/SBC, ACCUM, SBC | PR130L | | | | 61.0 Secs X 28 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | |
| | | | | | | | | [==>(Copy 15)] | [2] |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |
| | | | | | | | | [==>(Copy 28)] | |

Proposal 11163 - Visit 05 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|---|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|---|-------|
| 4 | | (5) SDSSJ133941.12 +484727.4 | ACS/SBC, ACCUM, SBC | PR130L | | | | 61.0 Secs X 28 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] | [3] |

Exposures (continued)

Proposal 11163 - Visit 05 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

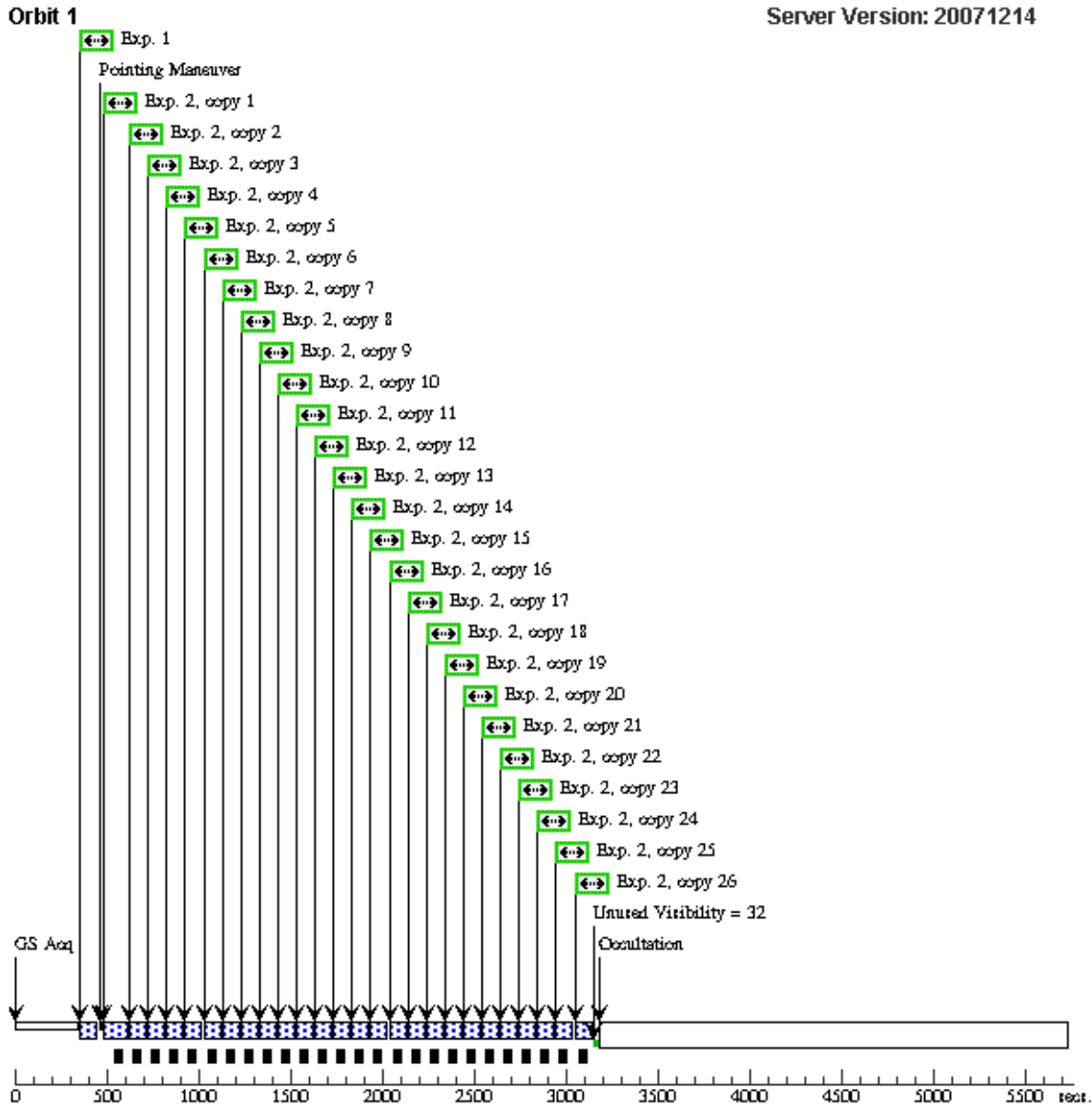
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 5 | | (5) SDSSJ133941.12 +484727.4 | ACS/SBC, ACCUM, SBC | PR130L | | | | 61.0 Secs X 28 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | |
| | | | | | | | | [==>(Copy 15)] | [4] |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |
| | | | | | | | | [==>(Copy 28)] | |

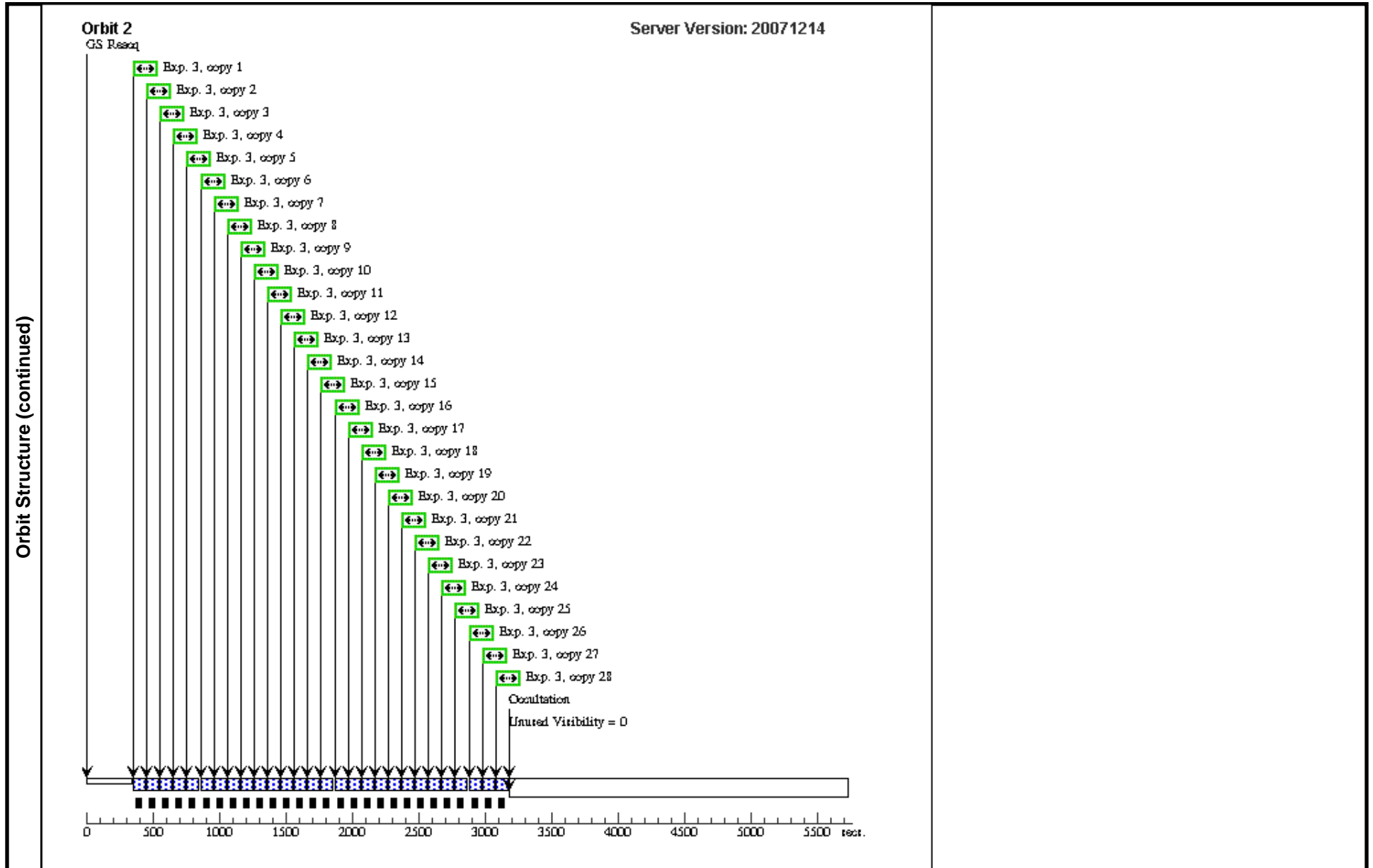
Proposal 11163 - Visit 05 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

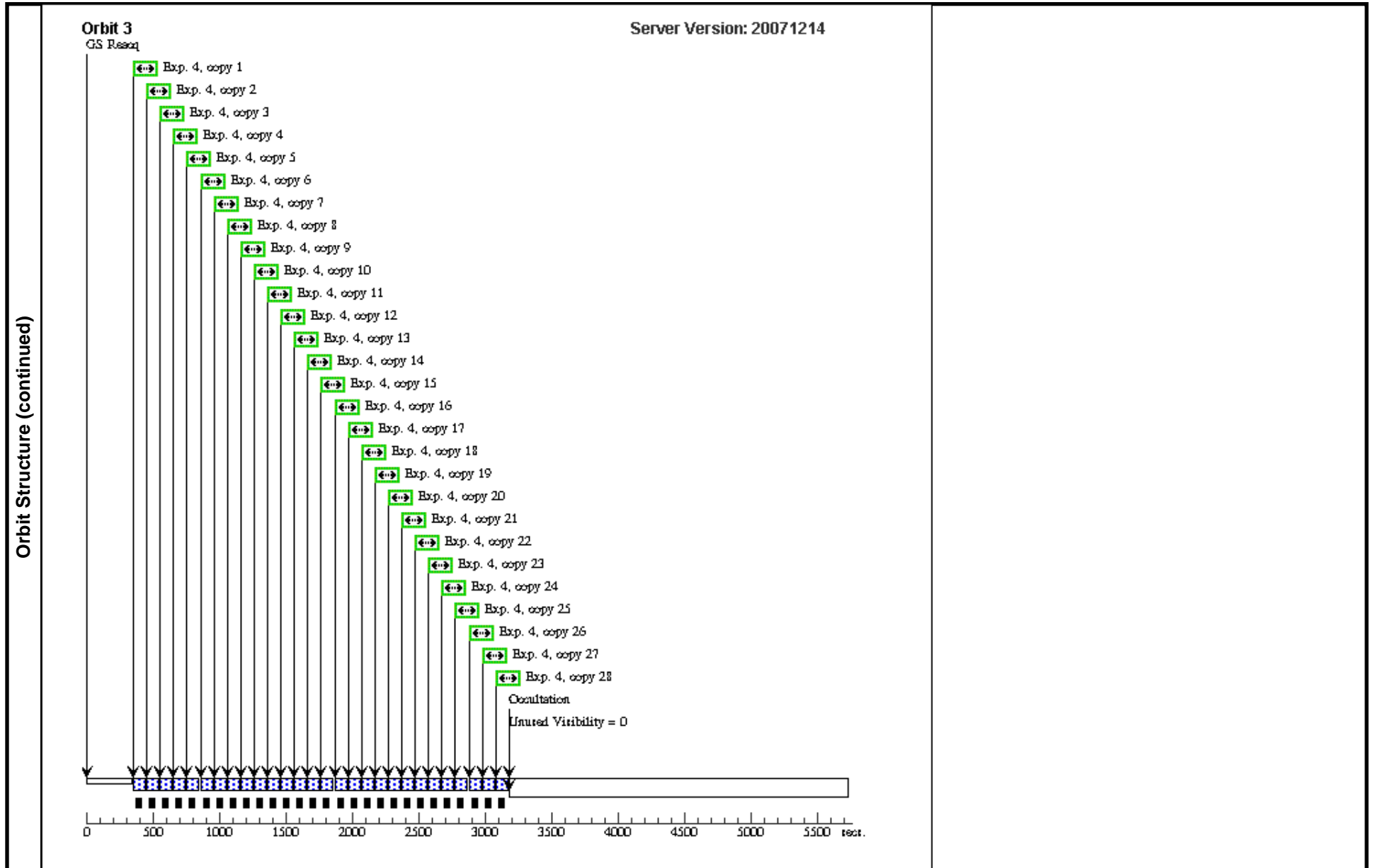
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | |
|-----------------------|--|---------------------------------|----------------------|---------------|--------------|------------------------------|--------|---|-------|--|
| Exposures (continued) | 6 | (5) SDSSJ133941.12 +484727.4 | ACS/SBC, ACCUM, SBC | PR130L | | | | 61.0 Secs X 28 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] | [5] | |
| | 7 | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EJFLAG2CLR | | 10.0 Secs [==>] | [5] | |
| | <p>Comments: Set NSSC-I Event Flag 2 to allow high-voltage turn-on. Insert SQL for qasi_states ACS start/end = WFHROPER, DOOR start/end = OPEN, HCOR start/end = HOLD, LAMP start/end = HOLD, and WCOR start/end = HOLD.</p> | | | | | | | | | |

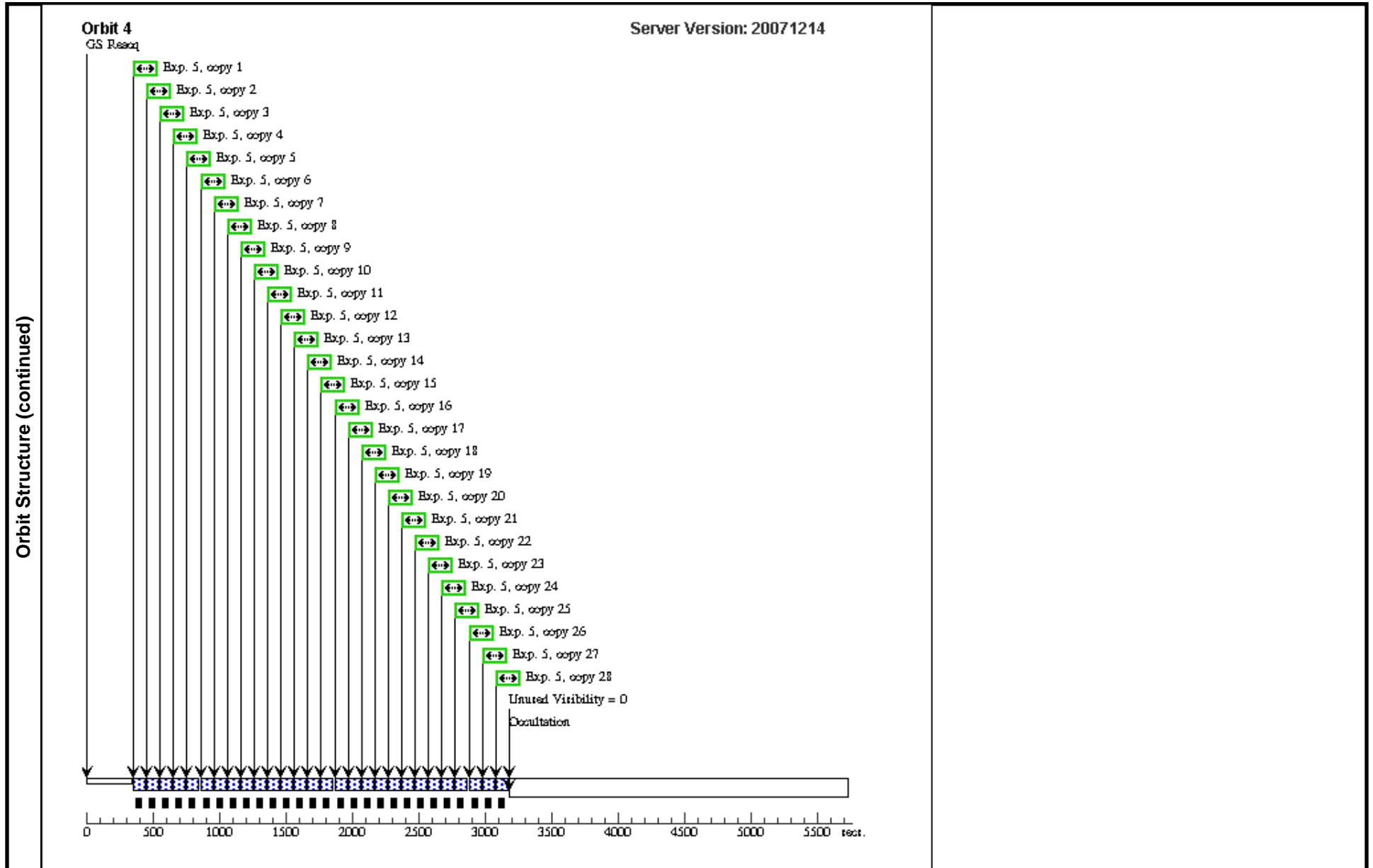
Server Version: 20071214

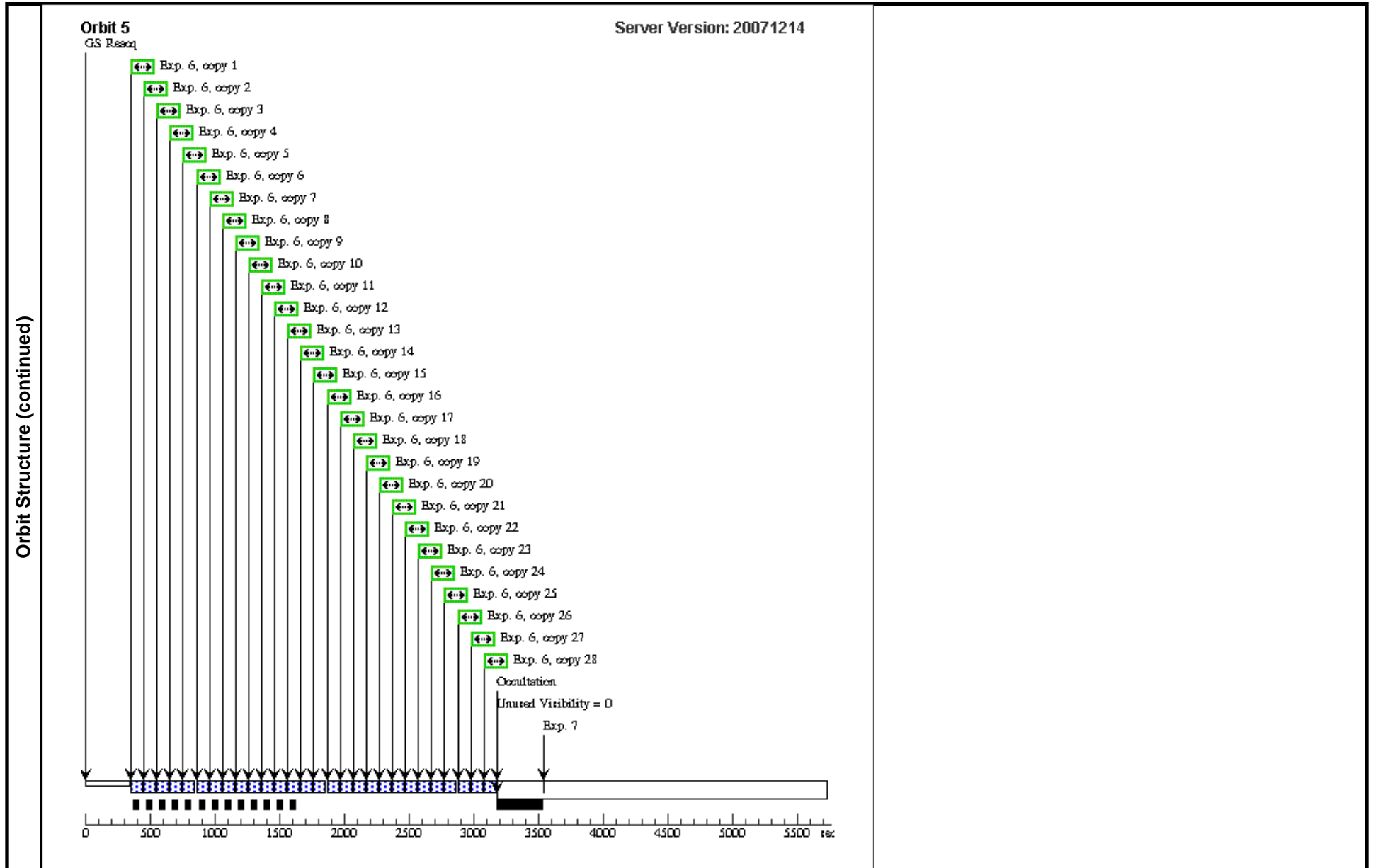
Orbit Structure











Proposal 11163 - Visit 06 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

Thu Apr 03 01:15:03 GMT 2008

| | | | | | | | | | | | |
|------------------------------|--|-------------------------|---|---------------------------------|----------------------|---------------------|-----------------------------|---------------|--------------------------------|-----|--------------|
| Visit | Proposal 11163, Visit 06, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/SBC, S/C Special Requirements: AFTER A6 BY 2.0 Orbits TO 5.5 Orbits <i>Comments: We will be using ground-monitoring to ensure this object is at quiescence. AFTER BY requirement needed to verify the brightness of the target using ground observations. Also, uplink opportunities are needed in the ~2 orbit interval to clear the NSSC-I Event Flag 2 and allow high-voltage turn-on, if the target is determined to be safe.</i> | | | | | | | | | | |
| | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | | Fluxes | Miscellaneous | | | | |
| | (6) | SDSSJ151413.72+454911.8 | RA: 15 14 13.7200 (228.5571667d) Dec: +45 49 11.80 (45.81994d) Equinox: J2000 | | | V=19+/-0.5 | Reference Frame: ICRS | | | | |
| <i>Comments: SDSS object</i> | | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | | Orbit |
| | 1 | | (6) SDSSJ151413.72+454911.8 | ACS/SBC, ACCUM, SBC | F140LP | | GS ACQ SCENARI O BASE1T3 | | 60.0 Secs [==>] | [1] | |

Proposal 11163 - Visit 06 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 2 | | (6) SDSSJ151413.72 +454911.8 | ACS/SBC, ACCUM, SBC | PR130L | | | | 60.0 Secs X 26 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | [1] |
| | | | | | | | | [==>(Copy 15)] | |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |

Proposal 11163 - Visit 06 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 3 | | (6) SDSSJ151413.72 +454911.8 | ACS/SBC, ACCUM, SBC | PR130L | | | | 60.0 Secs X 28 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | |
| | | | | | | | | [==>(Copy 15)] | [2] |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |
| | | | | | | | | [==>(Copy 28)] | |

Proposal 11163 - Visit 06 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 4 | | (6) SDSSJ151413.72 +454911.8 | ACS/SBC, ACCUM, SBC | PR130L | | | | 60.0 Secs X 28 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | |
| | | | | | | | | [==>(Copy 15)] | [3] |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |
| | | | | | | | | [==>(Copy 28)] | |

Proposal 11163 - Visit 06 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

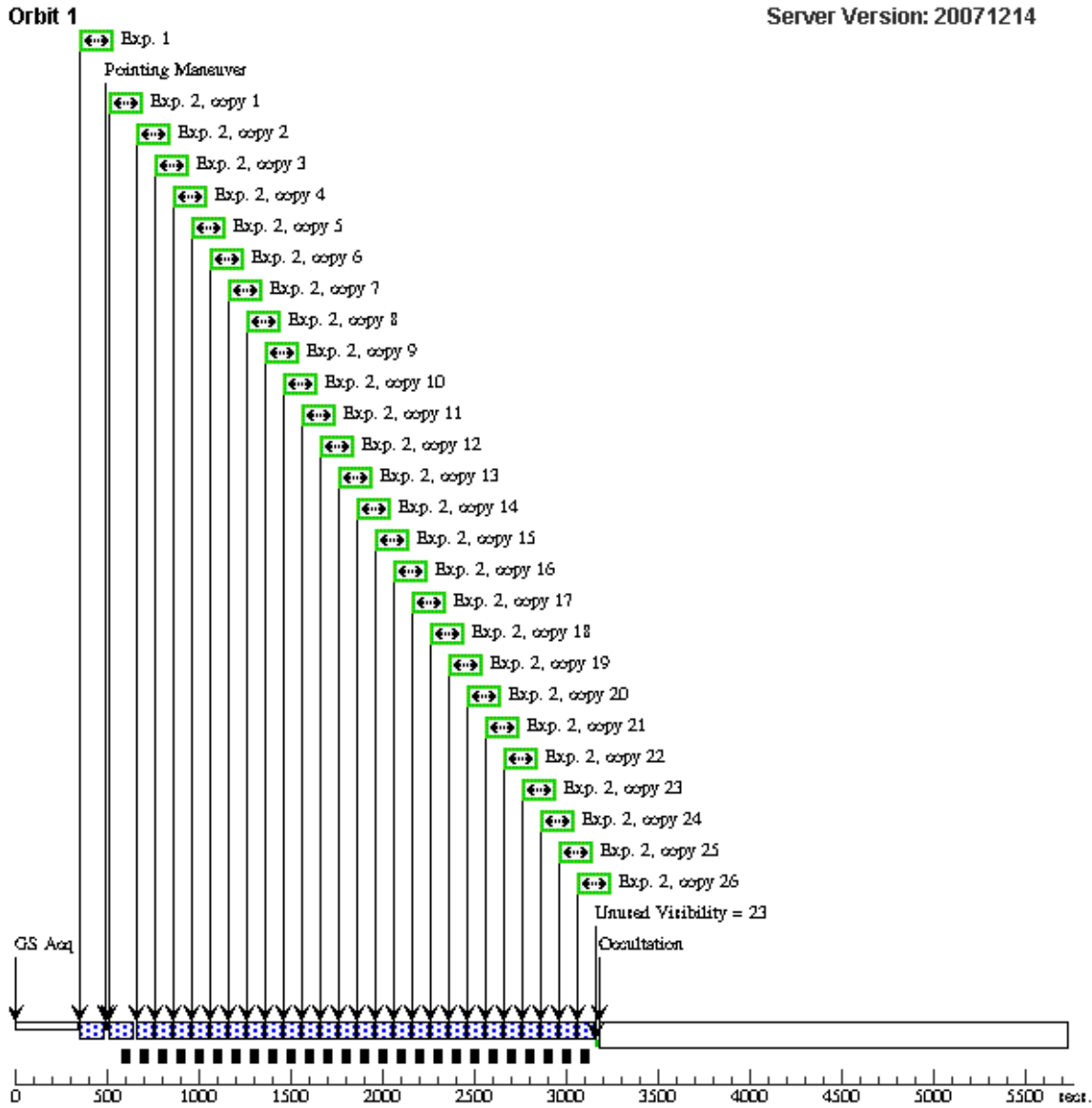
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
|-----------------------|-------|---------------------------------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|
| 5 | | (6) SDSSJ151413.72 +454911.8 | ACS/SBC, ACCUM, SBC | PR130L | | | | 60.0 Secs X 28 | |
| Exposures (continued) | | | | | | | | [==>(Copy 1)] | |
| | | | | | | | | [==>(Copy 2)] | |
| | | | | | | | | [==>(Copy 3)] | |
| | | | | | | | | [==>(Copy 4)] | |
| | | | | | | | | [==>(Copy 5)] | |
| | | | | | | | | [==>(Copy 6)] | |
| | | | | | | | | [==>(Copy 7)] | |
| | | | | | | | | [==>(Copy 8)] | |
| | | | | | | | | [==>(Copy 9)] | |
| | | | | | | | | [==>(Copy 10)] | |
| | | | | | | | | [==>(Copy 11)] | |
| | | | | | | | | [==>(Copy 12)] | |
| | | | | | | | | [==>(Copy 13)] | |
| | | | | | | | | [==>(Copy 14)] | |
| | | | | | | | | [==>(Copy 15)] | [4] |
| | | | | | | | | [==>(Copy 16)] | |
| | | | | | | | | [==>(Copy 17)] | |
| | | | | | | | | [==>(Copy 18)] | |
| | | | | | | | | [==>(Copy 19)] | |
| | | | | | | | | [==>(Copy 20)] | |
| | | | | | | | | [==>(Copy 21)] | |
| | | | | | | | | [==>(Copy 22)] | |
| | | | | | | | | [==>(Copy 23)] | |
| | | | | | | | | [==>(Copy 24)] | |
| | | | | | | | | [==>(Copy 25)] | |
| | | | | | | | | [==>(Copy 26)] | |
| | | | | | | | | [==>(Copy 27)] | |
| | | | | | | | | [==>(Copy 28)] | |

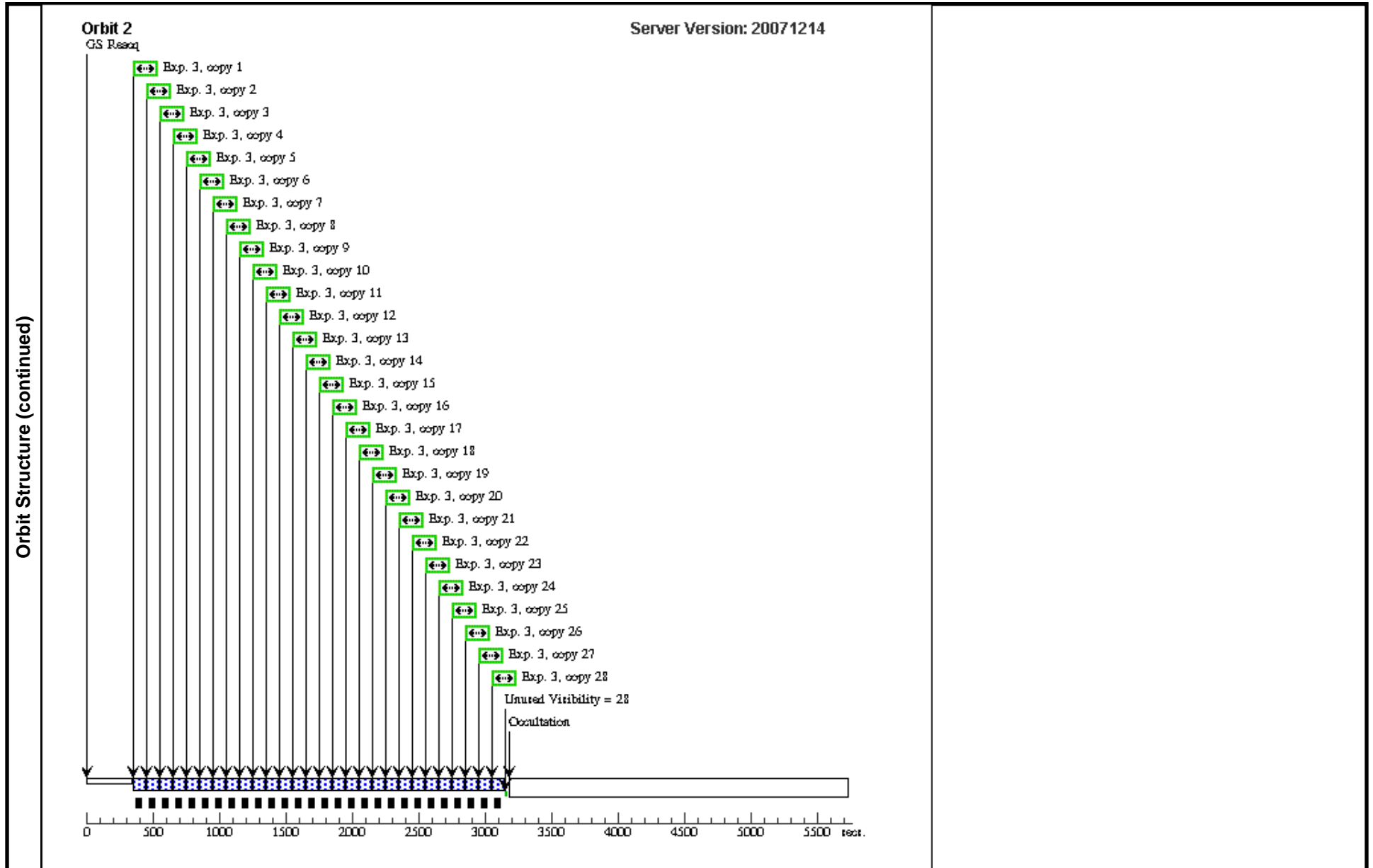
Proposal 11163 - Visit 06 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

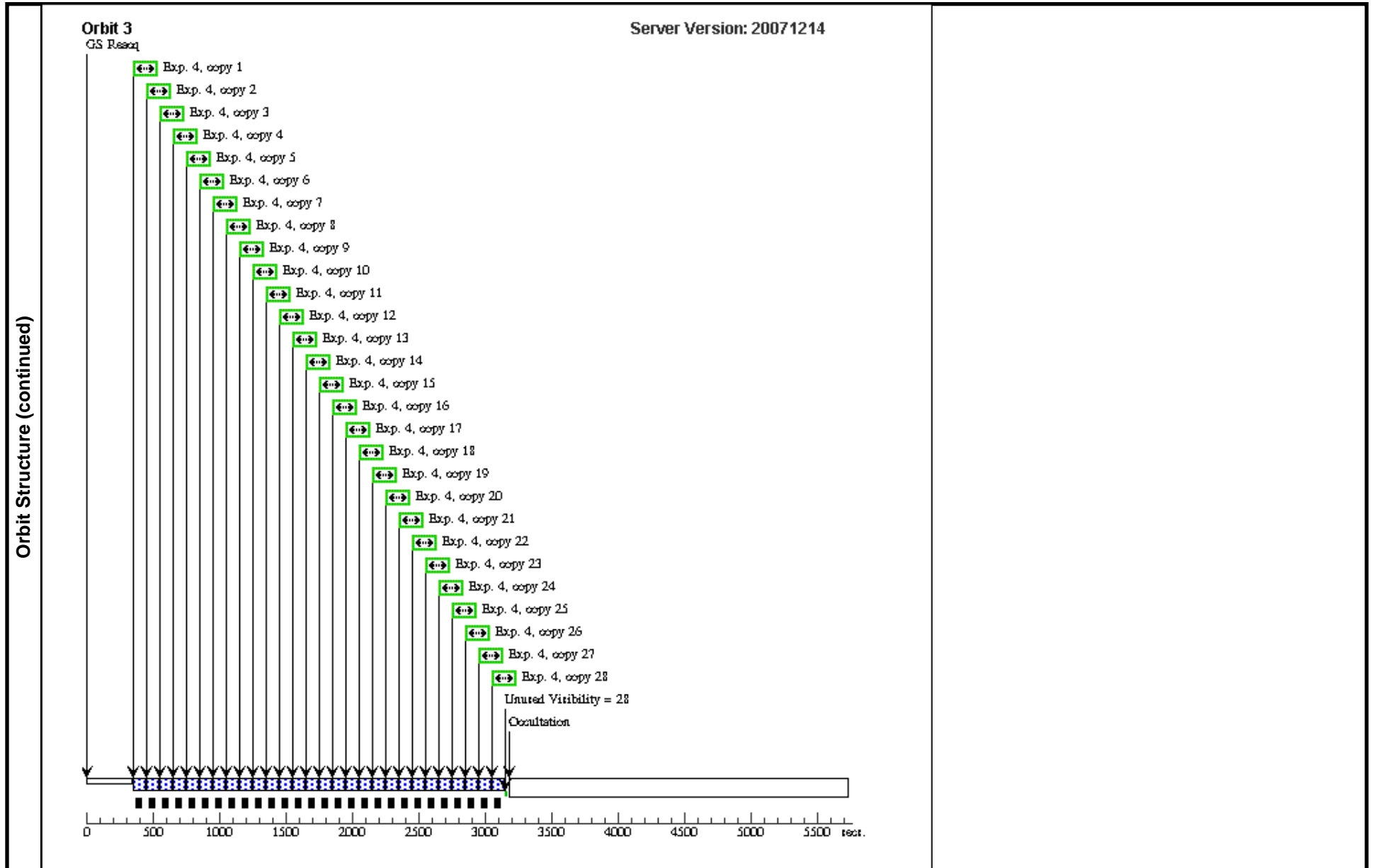
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | |
|-----------------------|--|---------------------------------|----------------------|---------------|--------------|------------------------------|--------|---|-------|--|
| Exposures (continued) | 6 | (6) SDSSJ151413.72 +454911.8 | ACS/SBC, ACCUM, SBC | PR130L | | | | 60.0 Secs X 28 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] | [5] | |
| | 7 | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EJFLAG2CLR | | 10.0 Secs [==>] | [5] | |
| | <p>Comments: Set NSSC-I Event Flag 2 to allow high-voltage turn-on. Insert SQL for qasi_states ACS start/end = WFHROPER, DOOR start/end = OPEN, HCOR start/end = HOLD, LAMP start/end = HOLD, and WCOR start/end = HOLD.</p> | | | | | | | | | |

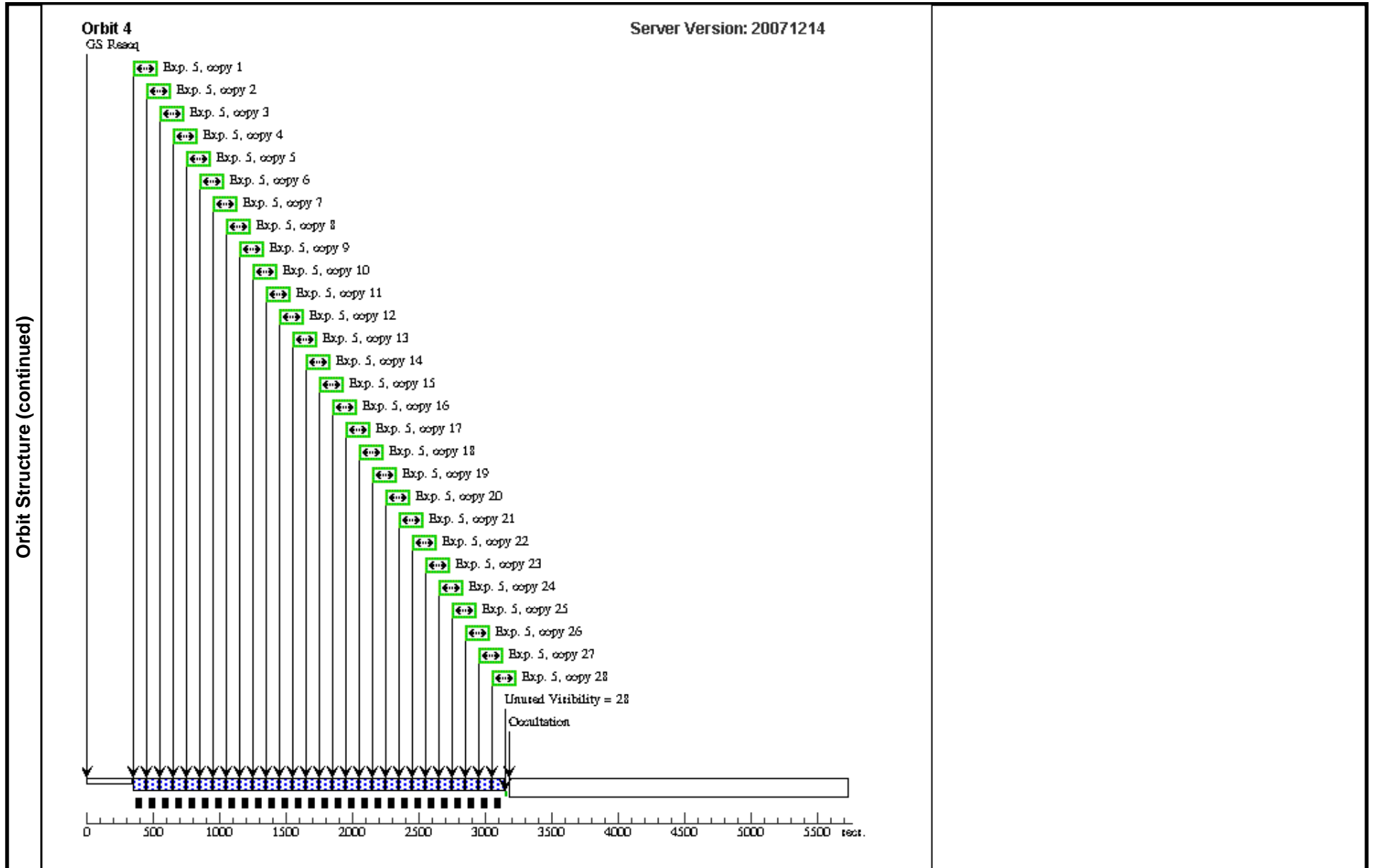
Server Version: 20071214

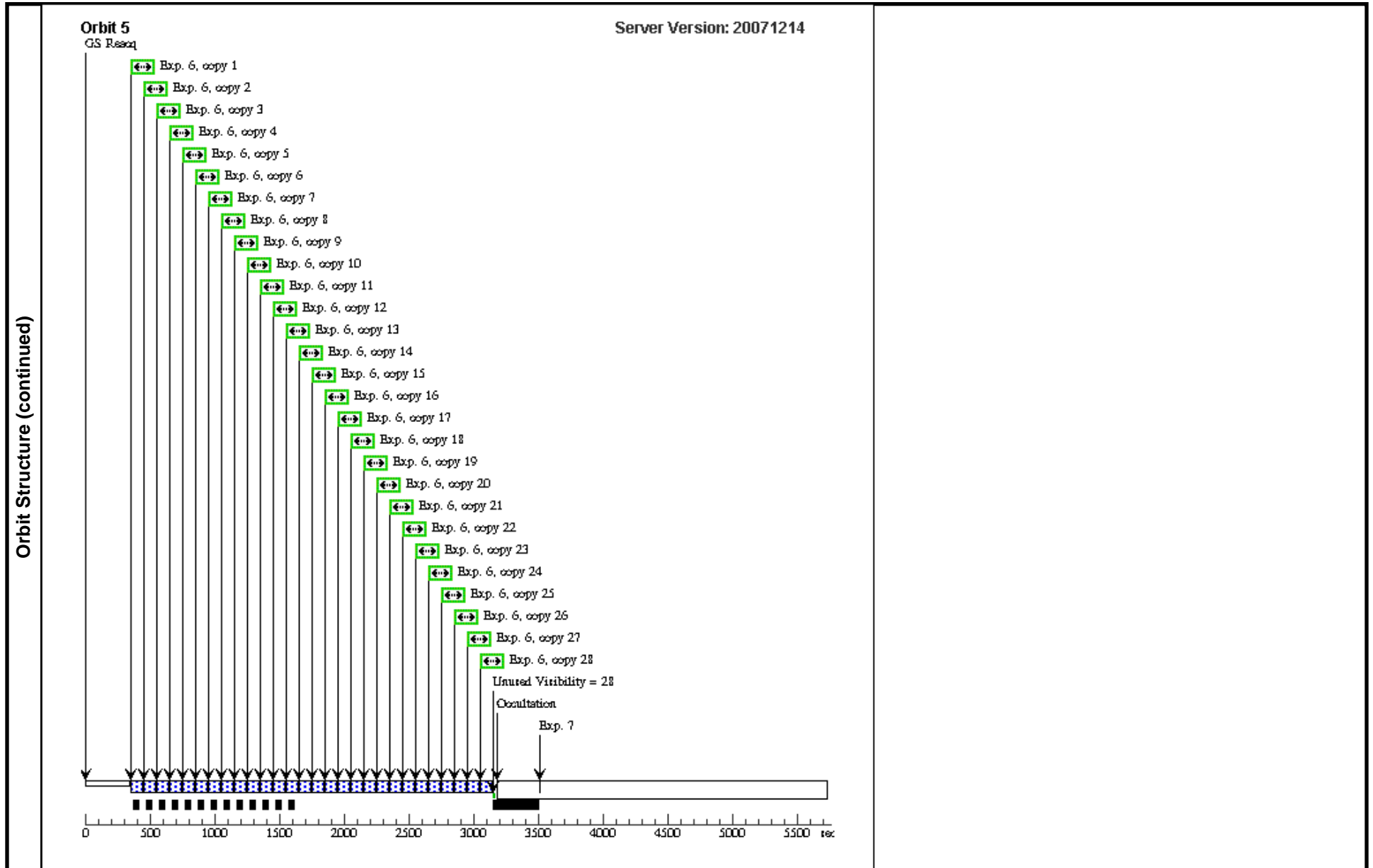
Orbit Structure











Proposal 11163 - Visit A1 - Accreting Pulsating White Dwarfs in Cataclysmic Variables

Thu Apr 03 01:15:05 GMT 2008

| | | | | | | | | | | |
|--|---|----------|--------------|-----------------|-----------------------------|----------------------|---------------------------|----------------------|--------------------|--------------------------------|
| Visit | <p>Proposal 11163, Visit A1, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: S/C</p> <p>Special Requirements: (none)</p> <p><i>Comments: This Visit sets the NSSC-I Event Flag 2 that disables the high-voltage turn-on. The high-voltage will be enabled, to allow SBC observations in the corresponding Visit, using real-time commanding if the target is determined to be safe.</i></p> | | | | | | | | | |
| | Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] |
| 1 | | | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EJFLAG2 | | 25.0 Secs [==>] | [1] |
| <p><i>Comments: Set NSSC-I Event Flag 2 to prevent high-voltage turn-on. Insert SQL to ensure that the SBC is off when the flag is set, and for qasi_states ACS start/end = WFHROPER, DOOR start/end=OPEN, HCOR start/end=HOLD,LAMP start/end=HOLD, and WCOR start/end=HOLD.</i></p> | | | | | | | | | | |
| Orbit Structure | <p>Orbit 1</p> <p>GS Acq</p> <p>Unused Visibility = 3129</p> <p>Exp. 1</p> <p>Occultation</p> <p>Server Version: 20071214</p> | | | | | | | | | |
| | <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p> | | | | | | | | | |

| | | | | | | | | | | |
|---|---|--------------|---------------|-----------------------------|----------------------|---------------------|---------------------------|---------------|--------------------------------|--------------|
| Visit | Proposal 11163, Visit A2, implementation Diagnostic Status: No Diagnostics Scientific Instruments: S/C Special Requirements: (none) <i>Comments: This Visit sets the NSSC-I Event Flag 2 that disables the high-voltage turn-on. The high-voltage will be enabled, to allow SBC observations in the corresponding Visit, using real-time commanding if the target is determined to be safe.</i> | | | | | | | | | |
| | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EJFLAG2 | | 25.0 Secs [==>] | [1] |
| <i>Comments: Set NSSC-I Event Flag 2 to prevent high-voltage turn-on. Insert SQL to ensure that the SBC is off when the flag is set, and for qasi_states ACS start/end = WFHROPER, DOOR start/end=OPEN, HCOR start/end=HOLD,LAMP start/end=HOLD, and WCOR start/end=HOLD.</i> | | | | | | | | | | |
| Orbit Structure | <p>Orbit 1 Server Version: 20071214</p> <p>GS Acq Unused Visibility = 3129 Exp. 1</p> <p style="text-align: right;">Occultation</p> <p style="text-align: right;">0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p> | | | | | | | | | |
| | | | | | | | | | | |

| | | | | | | | | | | |
|--|---|----------|--------------|-----------------|-----------------------------|----------------------|---------------------------|----------------------|--------------------|--------------------------------|
| Visit | <p>Proposal 11163, Visit A3, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: S/C</p> <p>Special Requirements: (none)</p> <p><i>Comments: This Visit sets the NSSC-I Event Flag 2 that disables the high-voltage turn-on. The high-voltage will be enabled, to allow SBC observations in the corresponding Visit, using real-time commanding if the target is determined to be safe.</i></p> | | | | | | | | | |
| | Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] |
| 1 | | | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EJFLAG2 | | 25.0 Secs [==>] | [1] |
| <p><i>Comments: Set NSSC-I Event Flag 2 to prevent high-voltage turn-on. Insert SQL to ensure that the SBC is off when the flag is set, and for qasi_states ACS start/end = WFHROPER, DOOR start/end=OPEN, HCOR start/end=HOLD,LAMP start/end=HOLD, and WCOR start/end=HOLD.</i></p> | | | | | | | | | | |
| Orbit Structure | <p>Orbit 1</p> <p>GS Acq</p> <p>Unused Visibility = 3129</p> <p>Exp. 1</p> <p>Occultation</p> <p>Server Version: 20071214</p> | | | | | | | | | |
| | <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p> | | | | | | | | | |

| | | | | | | | | | | |
|--|---|--------------|---------------|-----------------------------|----------------------|---------------------|---------------------------|---------------|--------------------------------|--------------|
| Visit | <p>Proposal 11163, Visit A4, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: S/C</p> <p>Special Requirements: (none)</p> <p><i>Comments: This Visit sets the NSSC-I Event Flag 2 that disables the high-voltage turn-on. The high-voltage will be enabled, to allow SBC observations in the corresponding Visit, using real-time commanding if the target is determined to be safe.</i></p> | | | | | | | | | |
| | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit |
| | 1 | | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EJFLAG2 | | 25.0 Secs [==>] | [1] |
| <p><i>Comments: Set NSSC-I Event Flag 2 to prevent high-voltage turn-on. Insert SQL to ensure that the SBC is off when the flag is set, and for qasi_states ACS start/end = WFHROPER, DOOR start/end=OPEN, HCOR start/end=HOLD,LAMP start/end=HOLD, and WCOR start/end=HOLD.</i></p> | | | | | | | | | | |
| Orbit Structure | <p>Orbit 1</p> <p>GS Acq</p> <p>Exp. 1</p> <p>Unused Visibility = 3129</p> <p>Occultation</p> <p>Server Version: 20071214</p> | | | | | | | | | |
| | | | | | | | | | | |

| Visit | <p>Proposal 11163, Visit A5, completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: S/C</p> <p>Special Requirements: (none)</p> <p><i>Comments: This Visit sets the NSSC-I Event Flag 2 that disables the high-voltage turn-on. The high-voltage will be enabled, to allow SBC observations in the corresponding Visit, using real-time commanding if the target is determined to be safe.</i></p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|-----------------|----------------------|---------------|---------------------------|---------------|--------------------|-------------------------|-------|--|---|-------|--------|----------------------|---------------|--------------|---------------|--------|-------------------------|-------|---|--|------|-----------------|--|--|---------------------------|--|--------------------|
| | 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></td> <td>DARK</td> <td>S/C, DATA, NONE</td> <td></td> <td></td> <td>SPEC COM INSTR EJFLAG2</td> <td></td> <td>25.0 Secs [==>]</td> <td>[1]</td> </tr> </tbody> </table> <p><i>Comments: Set NSSC-I Event Flag 2 to prevent high-voltage turn-on. Insert SQL to ensure that the SBC is off when the flag is set, and for qasi_states ACS start/end = WFHROPER, DOOR start/end=OPEN, HCOR start/end=HOLD,LAMP start/end=HOLD, and WCOR start/end=HOLD.</i></p> | | | | | | | | | | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | 1 | | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EJFLAG2 | | 25.0 Secs [==>] |
| # | | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | | | | | | | | | | | | | | | | | | | | |
| 1 | | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EJFLAG2 | | 25.0 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | |
| Orbit Structure | <p style="text-align: right;">Server Version: 20071214</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p>Orbit 1</p> <p>GS Acq</p> <p>Unused Visibility = 3129</p> <p>Exp. 1</p> <p>Occultation</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Visit | Proposal 11163, Visit A6, implementation Diagnostic Status: No Diagnostics Scientific Instruments: S/C Special Requirements: (none) <i>Comments: This Visit sets the NSSC-I Event Flag 2 that disables the high-voltage turn-on. The high-voltage will be enabled, to allow SBC observations in the corresponding Visit, using real-time commanding if the target is determined to be safe.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|--|-----------------|----------------------|---------------|---------------------------|---------------|--------------------|-------------------------|--------|-------------------------|-------|---|--|------|-----------------|--|--|---------------------------|--|--------------------|-----|---|--|--|--|--|--|--|--|
| | 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></td> <td>DARK</td> <td>S/C, DATA, NONE</td> <td></td> <td></td> <td>SPEC COM INSTR EJFLAG2</td> <td></td> <td>25.0 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 | | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EJFLAG2 | | 25.0 Secs [==>] | [1] | <i>Comments: Set NSSC-I Event Flag 2 to prevent high-voltage turn-on. Insert SQL to ensure that the SBC is off when the flag is set, and for qasi_states ACS start/end = WFHROPER, DOOR start/end=OPEN, HCOR start/end=HOLD,LAMP start/end=HOLD, and WCOR start/end=HOLD.</i> | | | | | | | |
| # | | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time/[Actual Dur.] | Orbit | | | | | | | | | | | | | | | | | | | | |
| 1 | | DARK | S/C, DATA, NONE | | | SPEC COM INSTR EJFLAG2 | | 25.0 Secs [==>] | [1] | | | | | | | | | | | | | | | | | | | | | |
| Orbit Structure | <p>Orbit 1 Server Version: 20071214</p> <p>GS Acq Unused Visibility = 3129 Exp. 1</p> <p style="text-align: right;">5500 sec</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |