



15348 - The counterparts and environments of magnetars

Cycle: 25, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

INVESTIGATORS

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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) CXOUJ010043.1-721134 | WFC3/IR | 1 | 23-Oct-2017 15:01:30.0 | yes |
| 02 | (2) 4U-0142+61 | WFC3/IR | 1 | 23-Oct-2017 15:01:32.0 | yes |
| 03 | (3) SGR-J0418+5729 | WFC3/IR | 1 | 23-Oct-2017 15:01:33.0 | yes |
| 04 | (4) SGR0501+4516 | WFC3/IR | 1 | 23-Oct-2017 15:01:34.0 | yes |
| 05 | (5) SGR-0525-66 | WFC3/IR | 1 | 23-Oct-2017 15:01:35.0 | yes |
| 06 | (6) 1E-1048.1-5937 | WFC3/IR | 1 | 23-Oct-2017 15:01:36.0 | yes |
| 07 | (7) 1E-1547.0-5408 | WFC3/IR | 1 | 23-Oct-2017 15:01:36.0 | yes |
| 08 | (8) PSR-J1622-4950 | WFC3/IR | 1 | 23-Oct-2017 15:01:37.0 | yes |
| 09 | (9) SGR1627-41 | WFC3/IR | 1 | 23-Oct-2017 15:01:38.0 | yes |
| 10 | (10) CXOU-J164710.2-455216 | WFC3/IR | 1 | 23-Oct-2017 15:01:39.0 | yes |

Proposal 15348 (STScI Edit Number: 0, Created: Monday, October 23, 2017 2:01:57 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> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 11 | (11) 1RXS-J170849.0-400910 | WFC3/IR | 1 | 23-Oct-2017 15:01:40.0 | yes |
| 12 | (12) CXOIJ171405.7-381031 | WFC3/IR | 1 | 23-Oct-2017 15:01:41.0 | yes |
| 13 | (13) SGR-1745-29 | WFC3/IR | 1 | 23-Oct-2017 15:01:42.0 | yes |
| 14 | (14) SGR1806-20 | WFC3/IR | 1 | 23-Oct-2017 15:01:43.0 | yes |
| 15 | (15) XTE-J1810-197 | WFC3/IR | 1 | 23-Oct-2017 15:01:44.0 | yes |
| 16 | (16) SWIFT-J1822.3-1606 | WFC3/IR | 1 | 23-Oct-2017 15:01:46.0 | yes |
| 17 | (17) SGR-1833-0832 | WFC3/IR | 1 | 23-Oct-2017 15:01:46.0 | yes |
| 18 | (18) SWIFT-J1834.9-0846 | WFC3/IR | 1 | 23-Oct-2017 15:01:48.0 | yes |
| 19 | (19) 1E-1841-045 | WFC3/IR | 1 | 23-Oct-2017 15:01:49.0 | yes |
| 20 | (20) 3XMM-J185246.6+003317 | WFC3/IR | 1 | 23-Oct-2017 15:01:50.0 | yes |
| 21 | (21) SGR-1900+14 | WFC3/IR | 1 | 23-Oct-2017 15:01:51.0 | yes |
| 22 | (22) SGR-1935+2154 | WFC3/IR | 1 | 23-Oct-2017 15:01:52.0 | yes |
| 23 | (23) 1E-2259+586 | WFC3/IR | 1 | 23-Oct-2017 15:01:52.0 | yes |
| 24 | (24) SGR0755-2933 | WFC3/IR | 1 | 23-Oct-2017 15:01:53.0 | yes |
| 25 | (25) AX-J1818.8-1559 | WFC3/IR | 1 | 23-Oct-2017 15:01:54.0 | yes |
| 26 | (26) AX-J1844.8-0258 | WFC3/IR | 1 | 23-Oct-2017 15:01:55.0 | yes |
| 27 | (27) PSR-J1846-0258 | WFC3/IR | 1 | 23-Oct-2017 15:01:56.0 | yes |

27 Total Orbits Used

ABSTRACT

We request a series of SNAPSHOT observations of the locations of highly magnetic neutron stars -- so called magnetars. Our multicolour observations, in tandem with extant sub-arcsecond localisations from Chandra, will enable the unambiguous identification of a sample of magnetar counterparts for the first time, while also providing an unparalleled view of the magnetar environment. Once found these magnetar counterparts will provide unique insights into magnetar emission mechanisms, pinpoint the stellar clusters of their birth, enable long term proper motions that will allow the dynamics (e.g. kicks) of magnetars to be compared to normal pulsars, and provide targets for JWST spectroscopy, underpinning the next decade of efforts to understand these extreme neutron stars, their origin and their roles as central engines in many of the most powerful explosions in

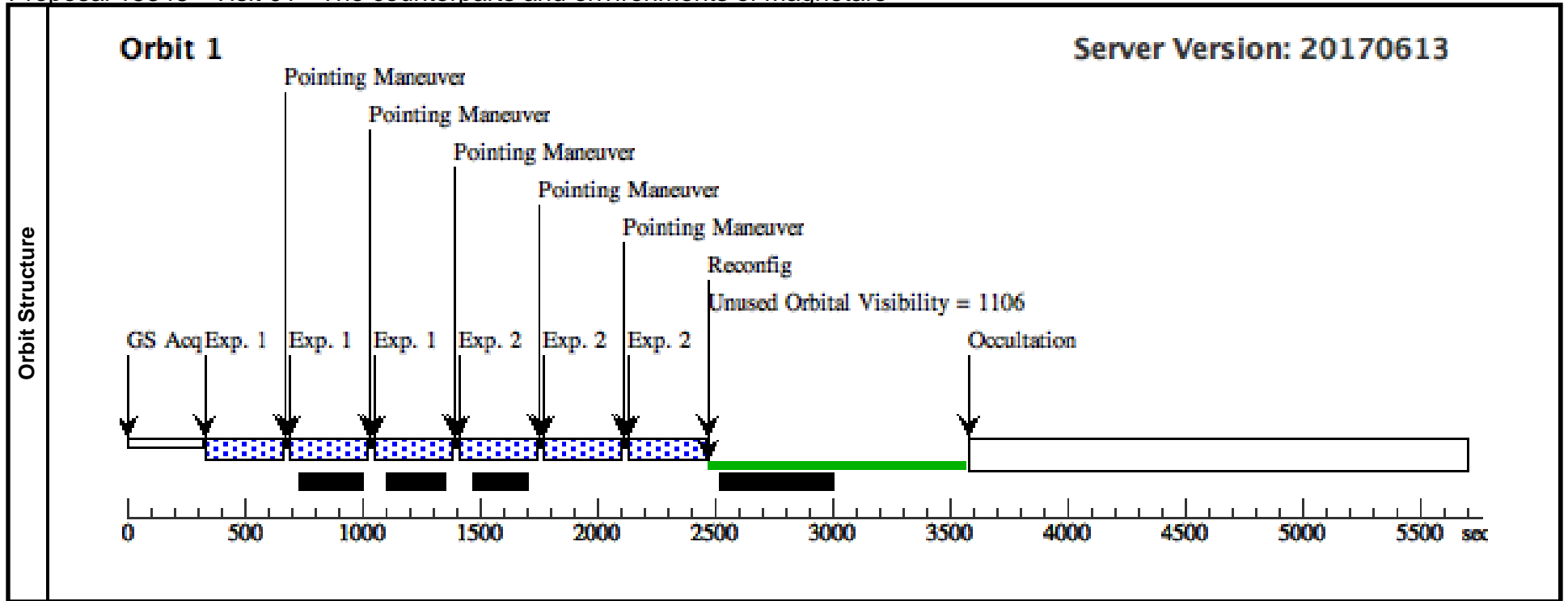
OBSERVING DESCRIPTION

We propose to obtain IR observations of the locations of a large sample of magnetars identified within the Milky Way. For each magnetar we will obtain two colours, F125W and F160W in the course of a single orbit. We have specified two setups which yield total durations of 29 minutes or 41 minutes within the orbit. Each of these is well short of the total orbit and should yield good schedulability as part of a snapshot programme. For the shorter option we use two dithered exposures in each filter, while the longer exposures will use 3 per filter. Each setup will use the STEP100 sequence to provide logarithmic spacing early on and good dynamic range in what may be very crowded fields. Our choice between the two exposures is based on the likely distance to the source (when constrained) and the extinction along that line of sight.

Proposal 15348 - Visit 01 - The counterparts and environments of magnetars

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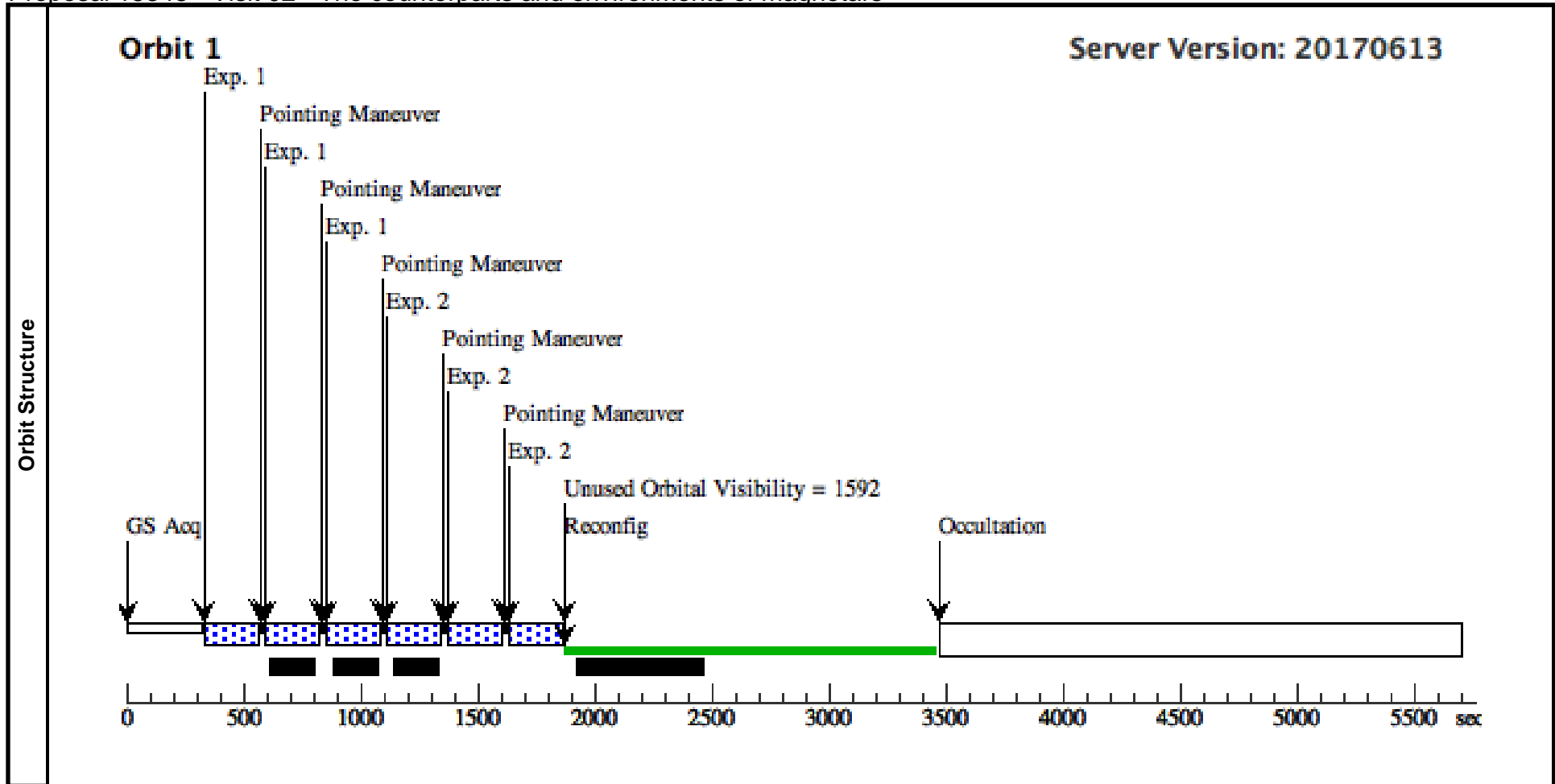
| Visit | Proposal 15348, Visit 01, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|---------------|--|--------------------------|--|---|------------------------------|------------------------------|-------------------------------------|-------------------------------------|---|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (1) | CXOUJ010043.1-721134 | RA: 01 00 43.1400 (15.1797500d) Dec: -72 11 33.80 (-72.19272d) Equinox: J2000 | | V=25+/-5 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (1) CXOUJ010043.1-721134 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; NSAMP=9 | | Pattern 1, Exps 1-1 in Visit 01 (1) | 299.231323 Secs (897.694 Secs) | |
| | | | | | | | | | [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |
| 2 | | (1) CXOUJ010043.1-721134 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; NSAMP=9 | | Pattern 1, Exps 2-2 in Visit 01 (1) | 299.231323 Secs (897.694 Secs) | | |
| | | | | | | | | | [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |



Proposal 15348 - Visit 02 - The counterparts and environments of magnetars

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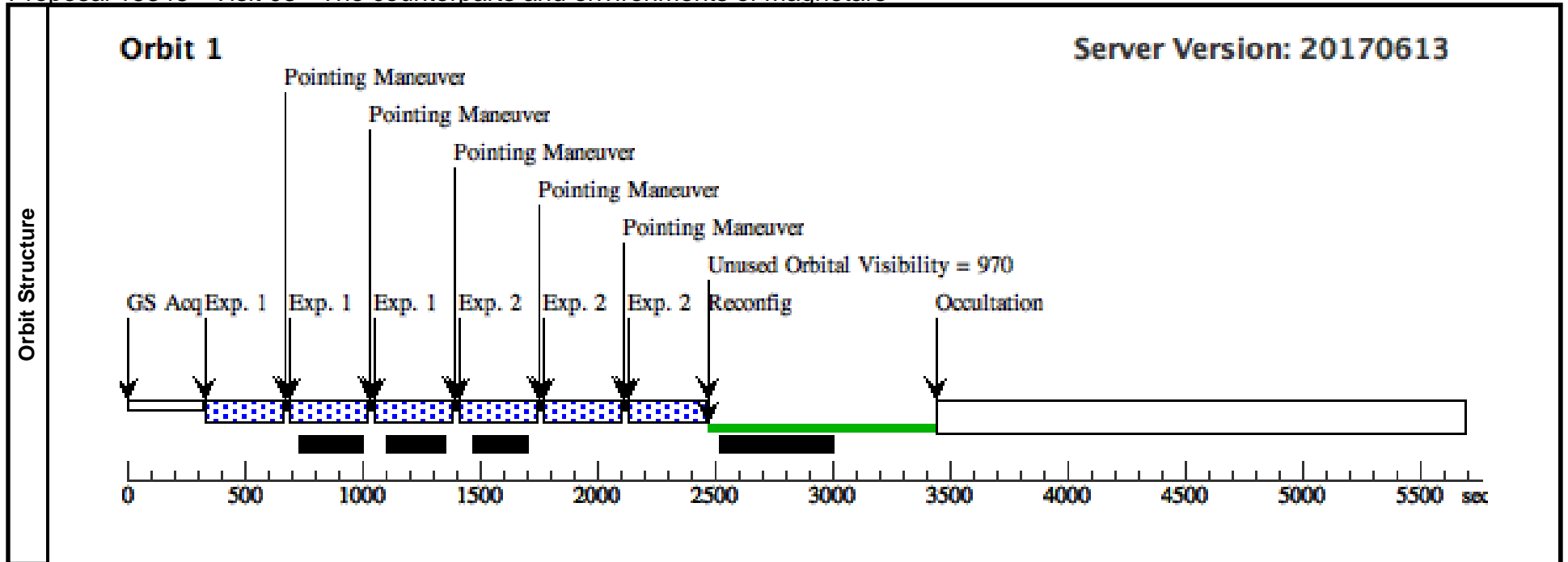
| Visit | Proposal 15348, Visit 02, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|----------------|--|---|------------------------------|------------------------------|-------------------------------------|-------------------------------------|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (2) | 4U-0142+61 | RA: 01 46 22.4070 (26.5933625d) Dec: +61 45 3.19 (61.75089d) Equinox: J2000 | | V=25.62 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (2) 4U-0142+61 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; NSAMP=8 | | Pattern 1, Exps 1-1 in Visit 02 (1) | 199.231 Secs (597.693 Secs) | |
| | | | | | | | | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (2) 4U-0142+61 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; NSAMP=8 | | Pattern 1, Exps 2-2 in Visit 02 (1) | 199.231 Secs (597.693 Secs) | | |
| | | | | | | | | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |



Proposal 15348 - Visit 03 - The counterparts and environments of magnetars

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| Visit | Proposal 15348, Visit 03, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|--------------------|--|---|-------------------|-------------------------|-------------------------------------|--|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (3) | SGR-J0418+5729 | RA: 04 18 33.8670 (64.6411125d) Dec: +57 32 22.91 (57.53970d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (3) SGR-J0418+5729 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 1-1 in Visit 03 (1) | 299.231323 Secs (897.694 Secs) | |
| | | | | | | | NSAMP=9 | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (3) SGR-J0418+5729 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 2-2 in Visit 03 (1) | 299.231323 Secs (897.694 Secs) | | |
| | | | | | | NSAMP=9 | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] | |



Proposal 15348 - Visit 04 - The counterparts and environments of magnetars

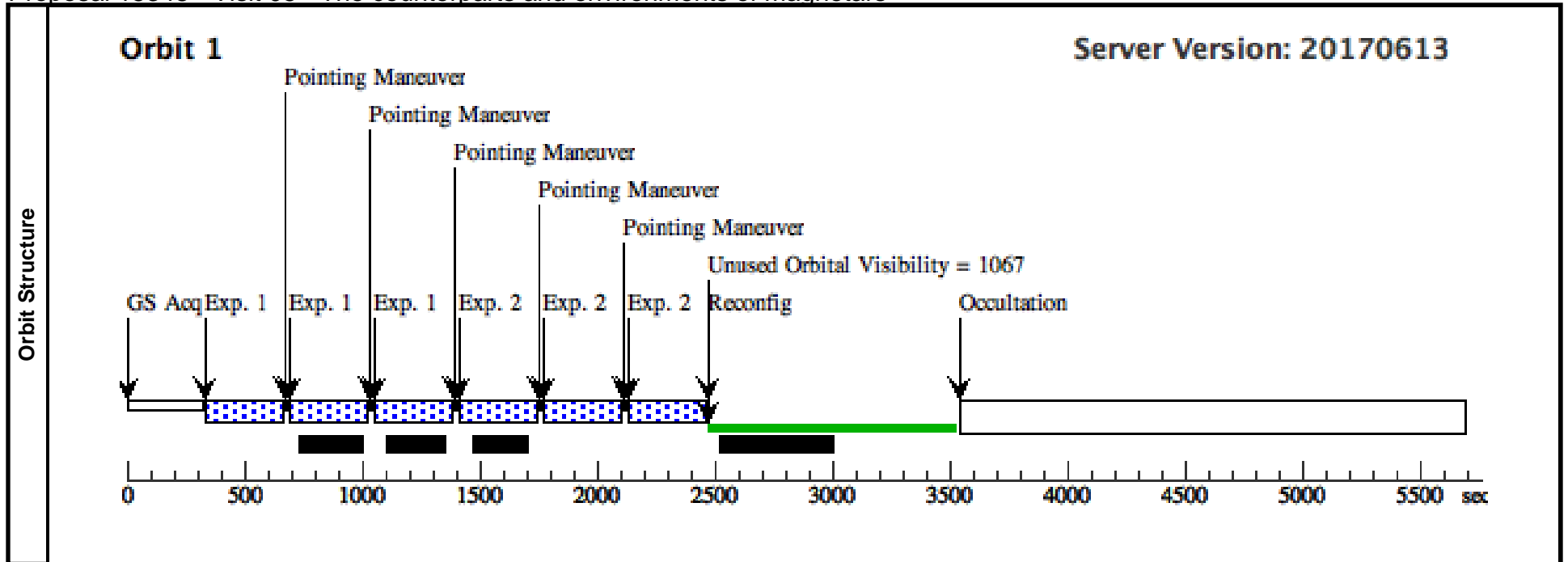
Mon Oct 23 19:01:57 GMT 2017

| Visit | Proposal 15348, Visit 04, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|------------------|--|---|------------------------------|------------------------------|-------------------------------------|-------------------------------------|---|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (4) | SGR0501+4516 | RA: 05 01 6.7600 (75.2781667d) Dec: +45 16 33.92 (45.27609d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (4) SGR0501+4516 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; NSAMP=8 | | Pattern 1, Exps 1-1 in Visit 04 (1) | 199.231 Secs (597.693 Secs) | |
| | | | | | | | | | [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |
| 2 | | (4) SGR0501+4516 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; NSAMP=8 | | Pattern 1, Exps 2-2 in Visit 04 (1) | 199.231 Secs (597.693 Secs) | | |
| | | | | | | | | | [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |

Proposal 15348 - Visit 05 - The counterparts and environments of magnetars

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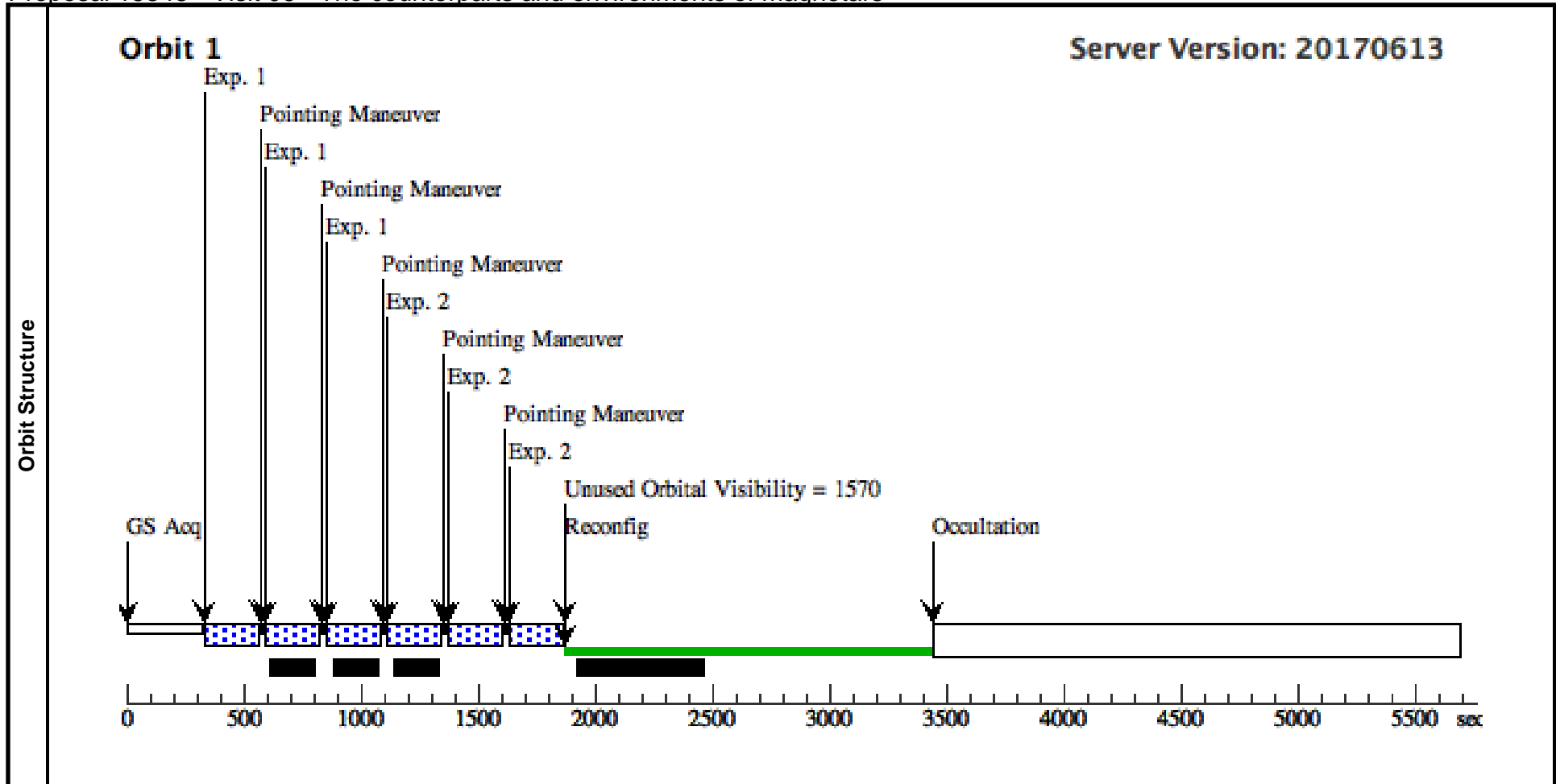
| Visit | Proposal 15348, Visit 05, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|-----------------|--|---|-------------------|-------------------------|-------------------------------------|--|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (5) | SGR-0525-66 | RA: 05 26 0.8900 (81.5037083d) Dec: -66 04 36.30 (-66.07675d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (5) SGR-0525-66 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 1-1 in Visit 05 (1) | 299.231323 Secs (897.694 Secs) | |
| | | | | | | | NSAMP=9 | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (5) SGR-0525-66 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 2-2 in Visit 05 (1) | 299.231323 Secs (897.694 Secs) | | |
| | | | | | | NSAMP=9 | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] | |



Proposal 15348 - Visit 06 - The counterparts and environments of magnetars

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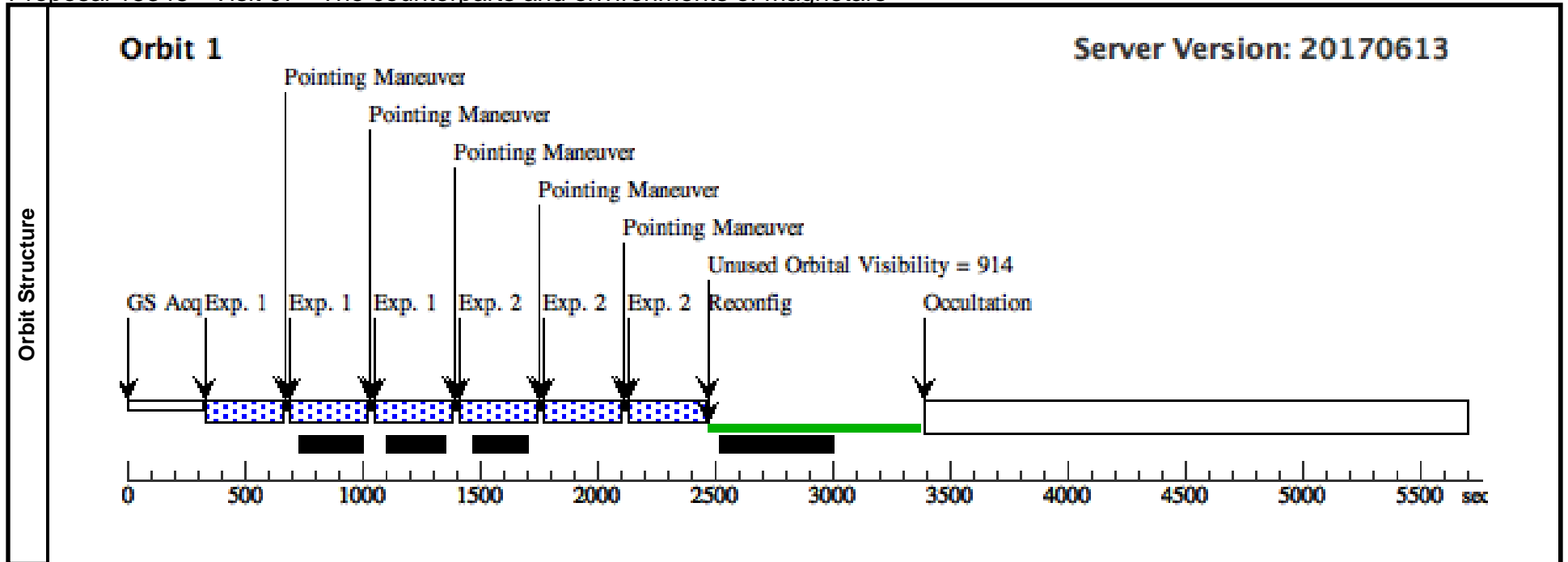
| Visit | Proposal 15348, Visit 06, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|--------------------|--|---|------------------------------|------------------------------|-------------------------------------|-------------------------------------|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (6) | 1E-1048.1-5937 | RA: 10 50 7.1400 (162.5297500d) Dec: -59 53 21.40 (-59.88928d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (6) 1E-1048.1-5937 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; NSAMP=8 | | Pattern 1, Exps 1-1 in Visit 06 (1) | 199.231 Secs (597.693 Secs) | |
| | | | | | | | | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (6) 1E-1048.1-5937 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; NSAMP=8 | | Pattern 1, Exps 2-2 in Visit 06 (1) | 199.231 Secs (597.693 Secs) | | |
| | | | | | | | | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |



Proposal 15348 - Visit 07 - The counterparts and environments of magnetars

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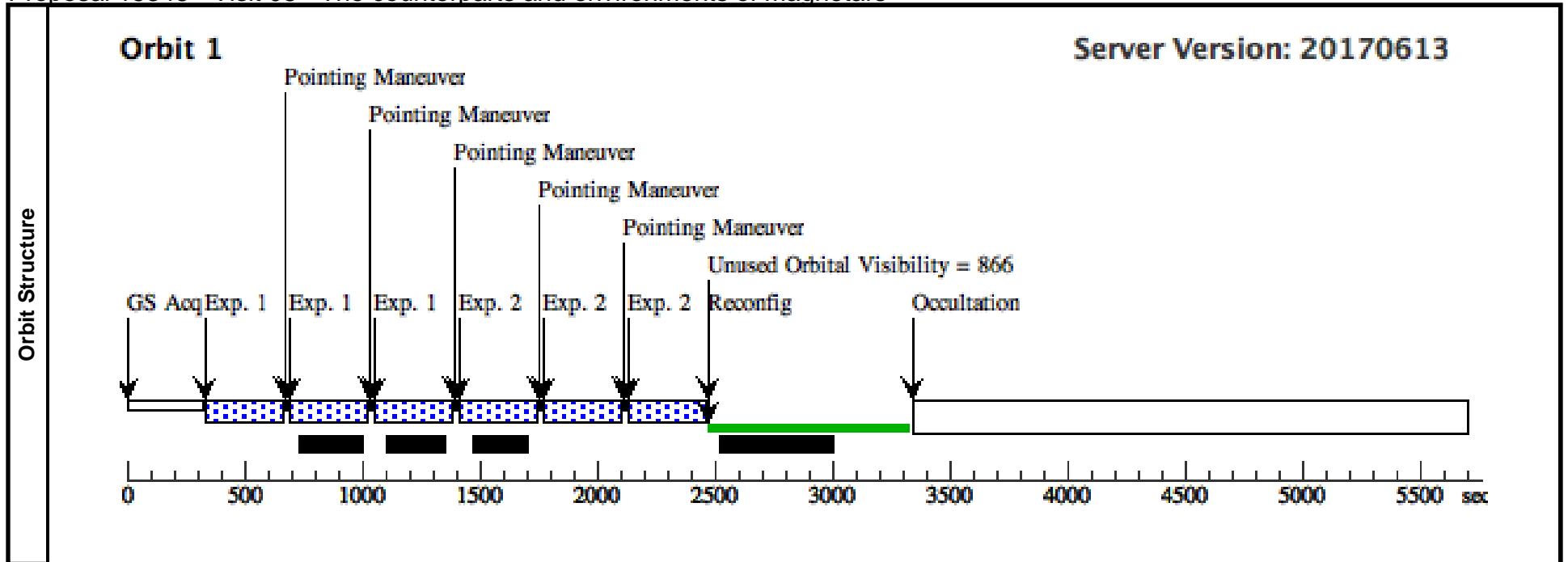
| Visit | Proposal 15348, Visit 07, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|--------------------|--|---|-------------------|-------------------------|-------------------------------------|--|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (7) | 1E-1547.0-5408 | RA: 15 50 54.1240 (237.7255167d) Dec: -54 18 24.11 (-54.30670d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (7) 1E-1547.0-5408 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 1-1 in Visit 07 (1) | 299.231323 Secs (897.694 Secs) | |
| | | | | | | | NSAMP=9 | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (7) 1E-1547.0-5408 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 2-2 in Visit 07 (1) | 299.231323 Secs (897.694 Secs) | | |
| | | | | | | NSAMP=9 | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] | |



Proposal 15348 - Visit 08 - The counterparts and environments of magnetars

Mon Oct 23 19:01:57 GMT 2017

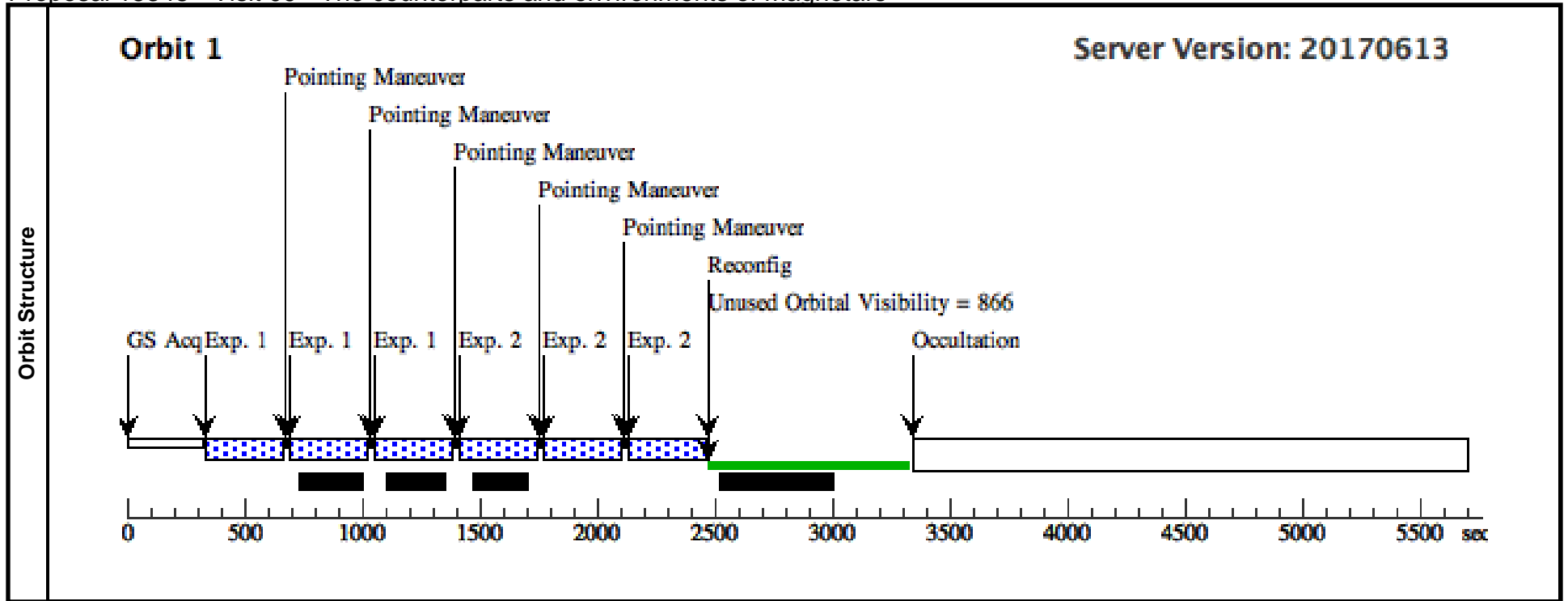
| Visit | Proposal 15348, Visit 08, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | | |
|--|--|--------------------|--|---|-------------------|-------------------------|---------------|-------------------------------------|--|--|-----|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | |
| | (8) | PSR-J1622-4950 | RA: 16 22 44.8900 (245.6870417d) Dec: -49 50 52.70 (-49.84797d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit | |
| | 1 | | (8) PSR-J1622-4950 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | | | Pattern 1, Exps 1-1 in Visit 08 (1) | 299.231323 Secs (897.694 Secs) | |
| | | | | | | | NSAMP=9 | | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (8) PSR-J1622-4950 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | | | Pattern 1, Exps 2-2 in Visit 08 (1) | 299.231323 Secs (897.694 Secs) | | |
| | | | | | | NSAMP=9 | | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] | |



Proposal 15348 - Visit 09 - The counterparts and environments of magnetars

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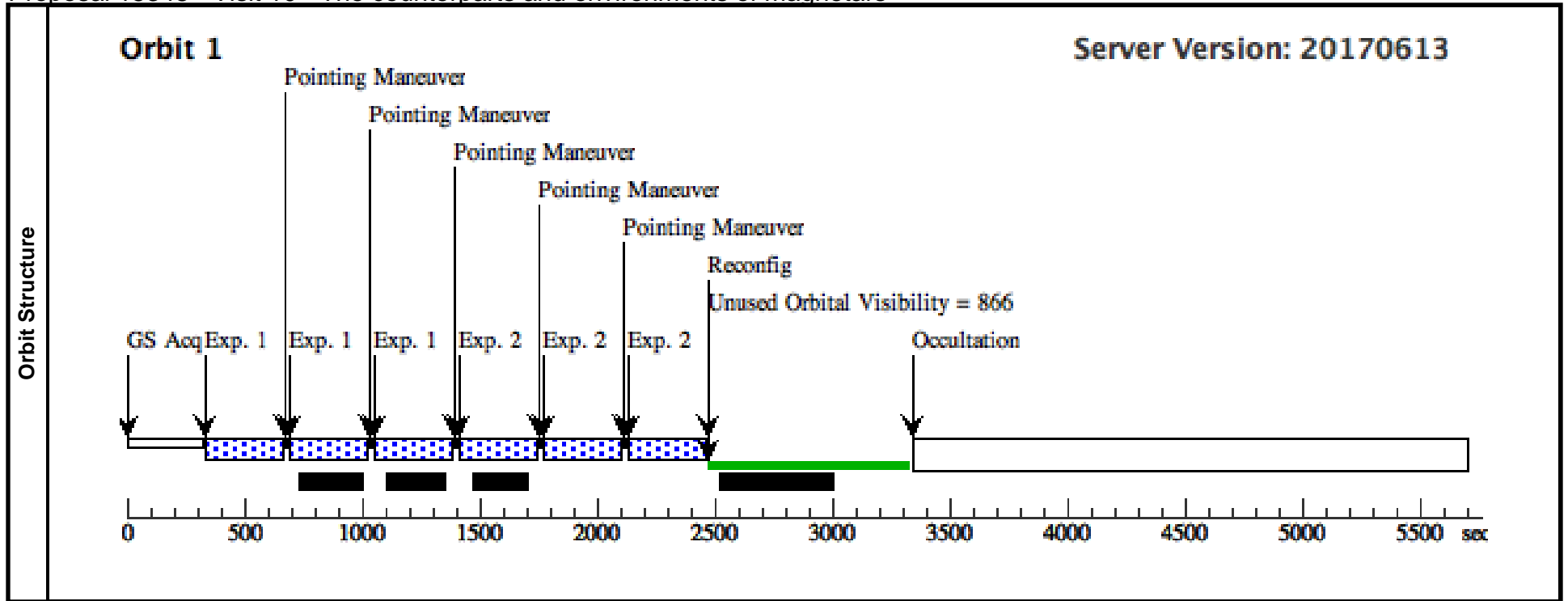
| Visit | Proposal 15348, Visit 09, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|---|--|----------------|--|---|-------------------|-------------------------|-------------------------------------|--|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (9) | SGR1627-41 | RA: 16 35 51.8440 (248.9660167d) Dec: -47 35 23.31 (-47.58981d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG** big offset from SIMBAD numbers</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (9) SGR1627-41 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 1-1 in Visit 09 (1) | 299.231323 Secs (897.694 Secs) | |
| | | | | | | | NSAMP=9 | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (9) SGR1627-41 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 2-2 in Visit 09 (1) | 299.231323 Secs (897.694 Secs) | | |
| | | | | | | NSAMP=9 | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] | |



Proposal 15348 - Visit 10 - The counterparts and environments of magnetars

Mon Oct 23 19:01:57 GMT 2017

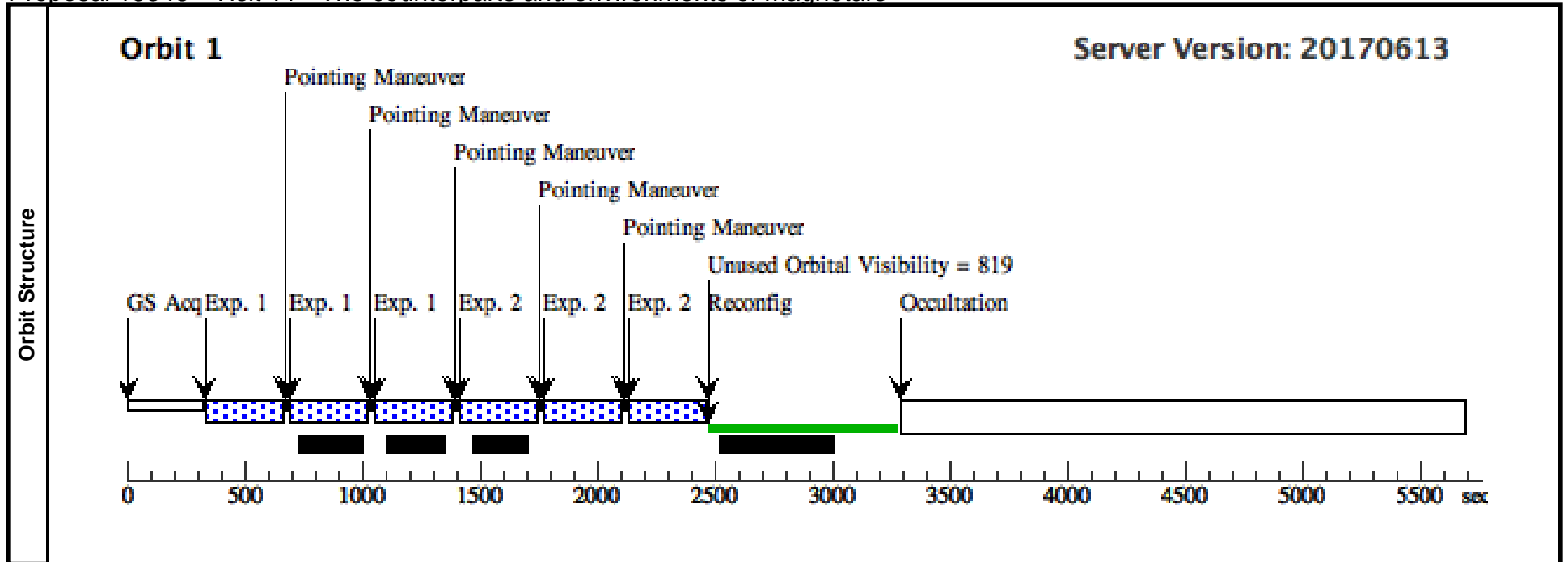
| Visit | Proposal 15348, Visit 10, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|----------------------------|--|---|------------------------------|------------------------------|---------------|-------------------------------------|---|---|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (10) | CXOU-J164710.2-455216 | RA: 16 47 10.2000 (251.7925000d) Dec: -45 52 16.90 (-45.87136d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (10) CXOU-J164710.2-455216 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; NSAMP=9 | | | Pattern 1, Exps 1-1 in Visit 10 (1) | 299.231323 Secs (897.694 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] |
| 2 | | (10) CXOU-J164710.2-455216 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; NSAMP=9 | | | Pattern 1, Exps 2-2 in Visit 10 (1) | 299.231323 Secs (897.694 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |



Proposal 15348 - Visit 11 - The counterparts and environments of magnetars

Mon Oct 23 19:01:57 GMT 2017

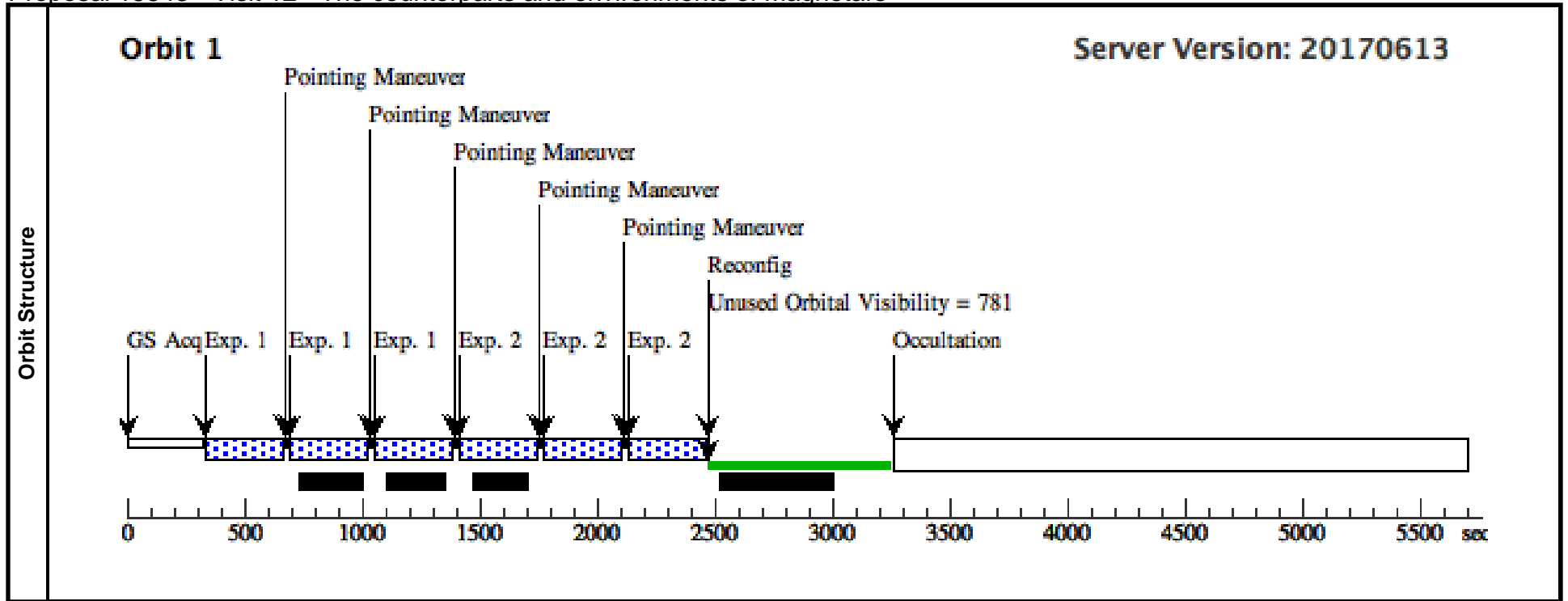
| Visit | Proposal 15348, Visit 11, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|----------------------------|--|---|-------------------|-------------------------|---------------|-------------------------------------|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (11) | IRXS-J170849.0-400910 | RA: 17 08 46.8700 (257.1952917d) Dec: -40 08 52.44 (-40.14790d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG** Big shift from SIMBAD</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (11) IRXS-J170849.0-400910 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | | | 299.231323 Secs (897.694 Secs) | |
| | | | | | | NSAMP=9 | | Pattern 1, Exps 1-1 in Visit 11 (1) | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (11) IRXS-J170849.0-400910 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | | | 299.231323 Secs (897.694 Secs) | | |
| | | | | | NSAMP=9 | | | Pattern 1, Exps 2-2 in Visit 11 (1) | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |



Proposal 15348 - Visit 12 - The counterparts and environments of magnetars

Mon Oct 23 19:01:57 GMT 2017

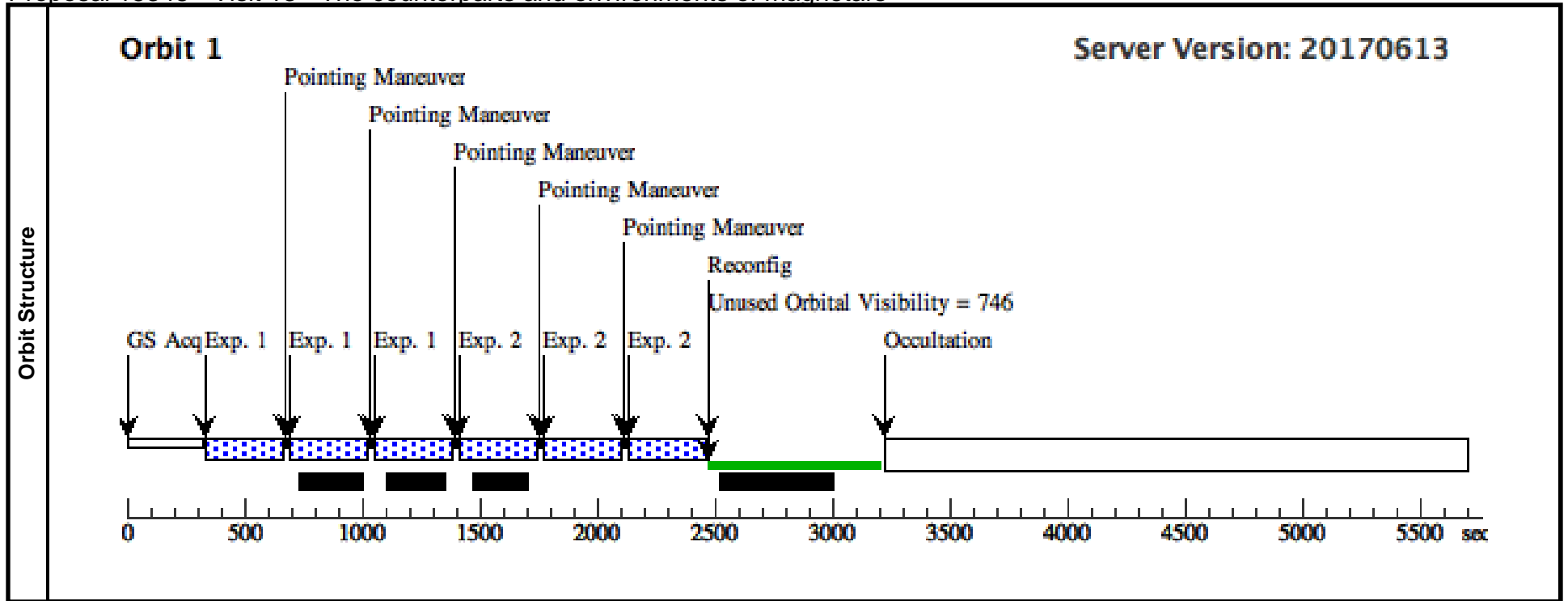
| Visit | Proposal 15348, Visit 12, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|---------------------------|--|---|-------------------|-------------------------|-------------------------------------|-------------------------------------|---|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (12) | CXOIJ171405.7-381031 | RA: 17 14 5.7400 (258.5239167d) Dec: -38 10 30.90 (-38.17525d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (12) CXOIJ171405.7-381031 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 1-1 in Visit 12 (1) | 299.231323 Secs (897.694 Secs) | |
| | | | | | | NSAMP=9 | | | [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |
| 2 | | (12) CXOIJ171405.7-381031 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 2-2 in Visit 12 (1) | 299.231323 Secs (897.694 Secs) | | |
| | | | | | | NSAMP=9 | | | [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |



Proposal 15348 - Visit 13 - The counterparts and environments of magnetars

Mon Oct 23 19:01:57 GMT 2017

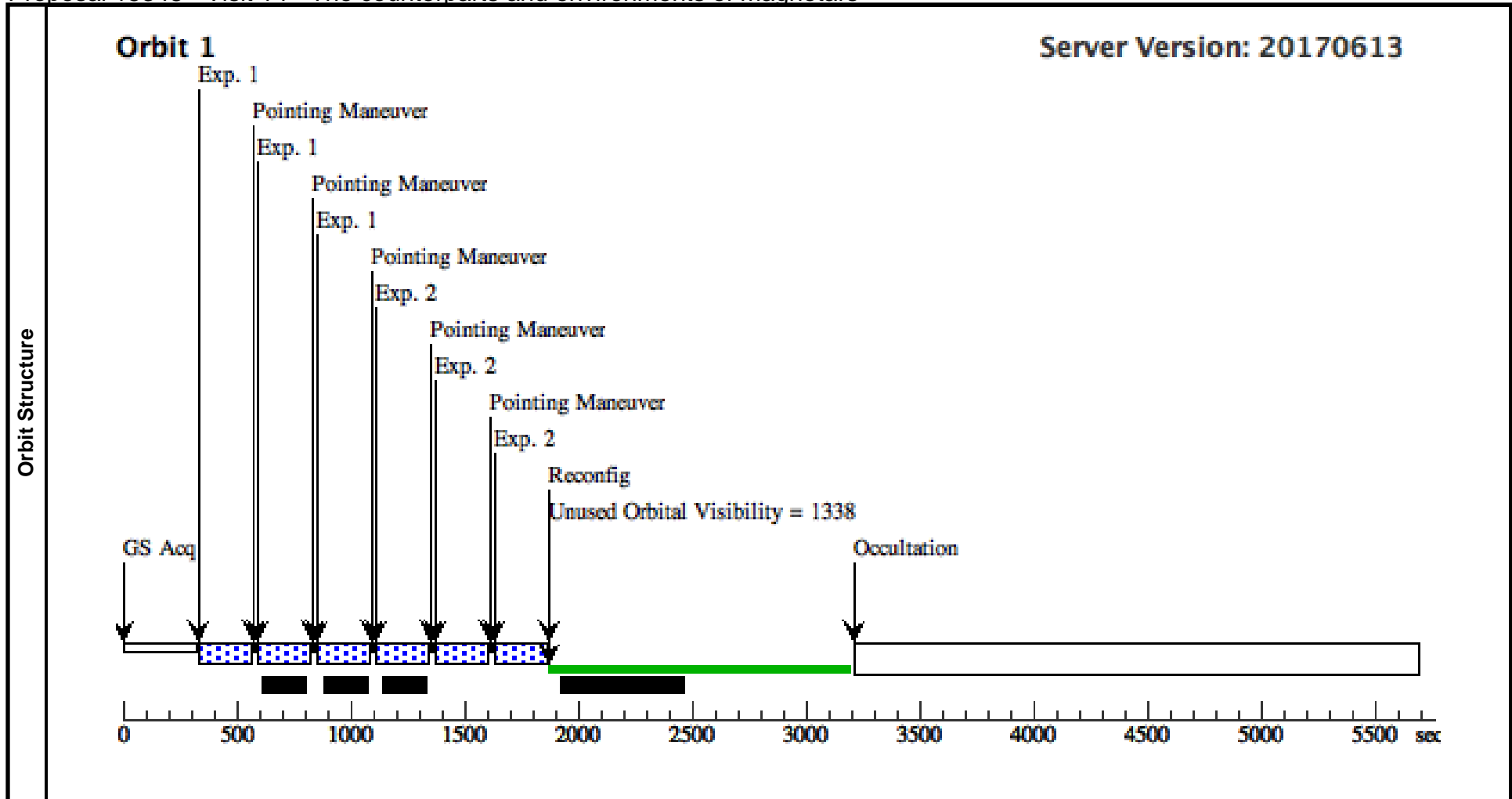
| Visit | Proposal 15348, Visit 13, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|------------------|--|---|-------------------|-------------------------|-------------------------------------|--|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (13) | SGR-1745-29 | RA: 17 45 40.1640 (266.4173500d) Dec: -29 00 29.82 (-29.00828d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG** big shift from SIMBAD</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (13) SGR-1745-29 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 1-1 in Visit 13 (1) | 299.231323 Secs (897.694 Secs) | |
| | | | | | | | NSAMP=9 | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (13) SGR-1745-29 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 2-2 in Visit 13 (1) | 299.231323 Secs (897.694 Secs) | | |
| | | | | | | NSAMP=9 | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] | |



Proposal 15348 - Visit 14 - The counterparts and environments of magnetars

Mon Oct 23 19:01:58 GMT 2017

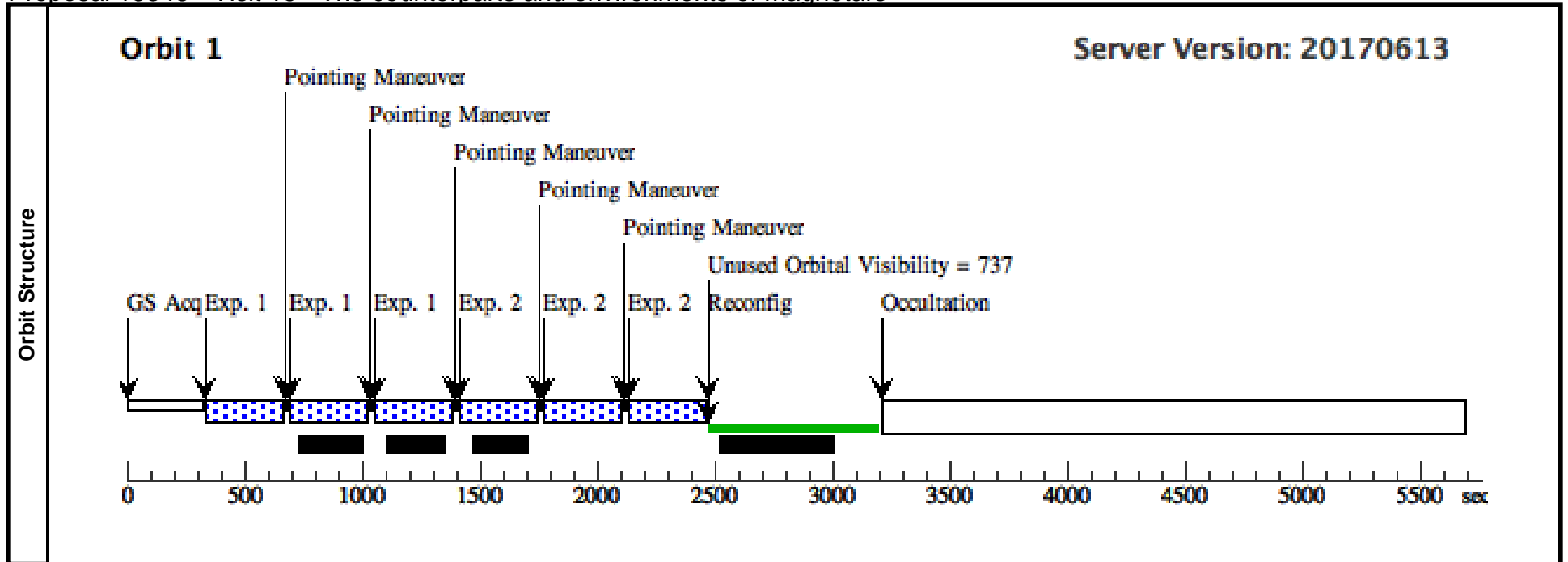
| Visit | Proposal 15348, Visit 14, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|-----------------|--|---|------------------------------|------------------------------|---------------|-------------------------------------|---|---|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (14) | SGR1806-20 | RA: 18 08 39.3370 (272.1639042d) Dec: -20 24 39.85 (-20.41107d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (14) SGR1806-20 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; NSAMP=8 | | | Pattern 1, Exps 1-1 in Visit 14 (1) | 199.231 Secs (597.693 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] |
| 2 | | (14) SGR1806-20 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; NSAMP=8 | | | Pattern 1, Exps 2-2 in Visit 14 (1) | 199.231 Secs (597.693 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |



Proposal 15348 - Visit 15 - The counterparts and environments of magnetars

Mon Oct 23 19:01:58 GMT 2017

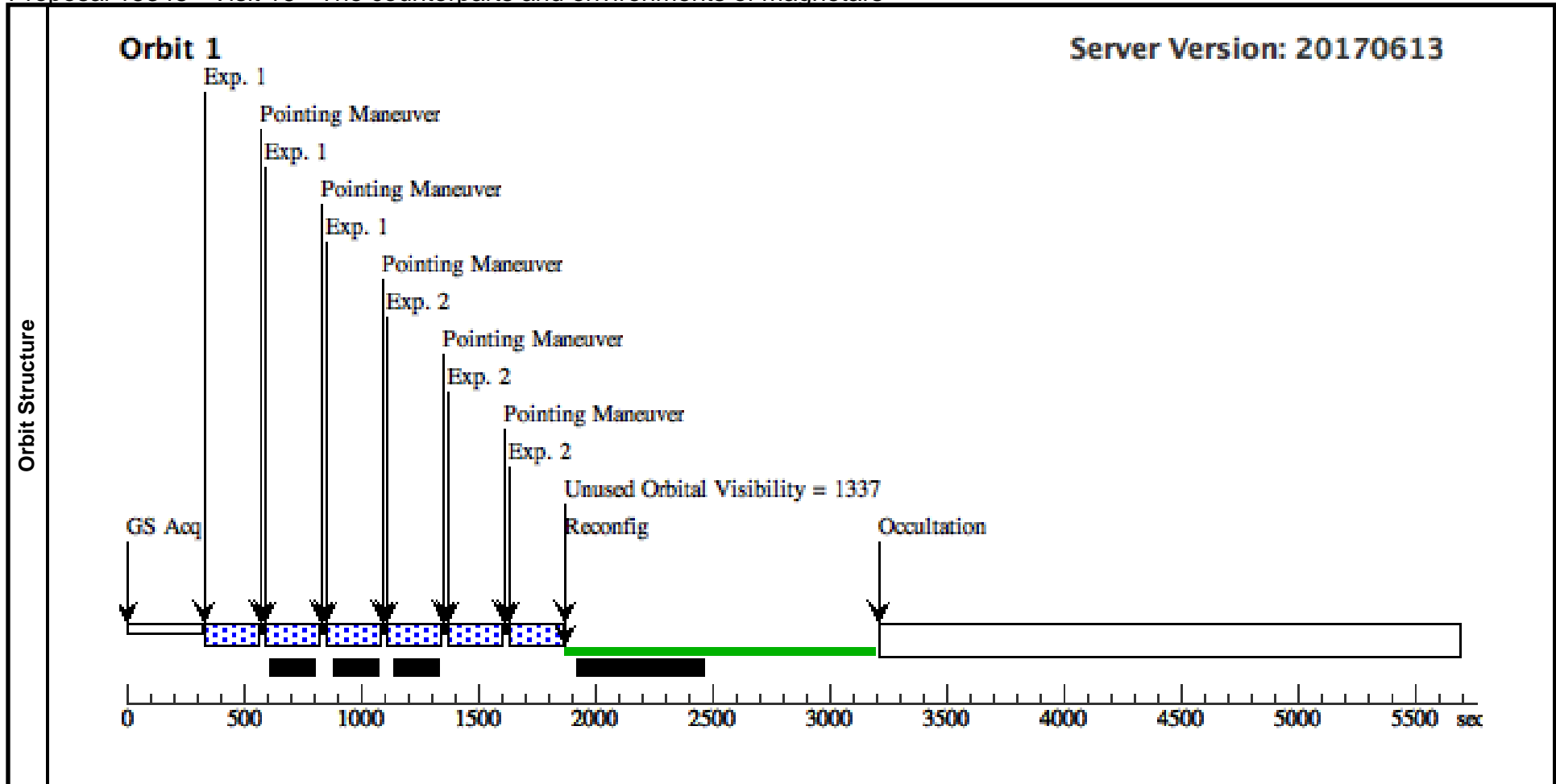
| Visit | Proposal 15348, Visit 15, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|--------------------|--|---|-------------------|-------------------------|-------------------------------------|--|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (15) | XTE-J1810-197 | RA: 18 09 51.0900 (272.4628750d) Dec: -19 43 51.93 (-19.73109d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (15) XTE-J1810-197 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | | | 299.231323 Secs (897.694 Secs) | |
| | | | | | | | NSAMP=9 | Pattern 1, Exps 1-1 in Visit 15 (1) | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (15) XTE-J1810-197 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | | | 299.231323 Secs (897.694 Secs) | | |
| | | | | | | NSAMP=9 | Pattern 1, Exps 2-2 in Visit 15 (1) | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] | |



Proposal 15348 - Visit 16 - The counterparts and environments of magnetars

Mon Oct 23 19:01:58 GMT 2017

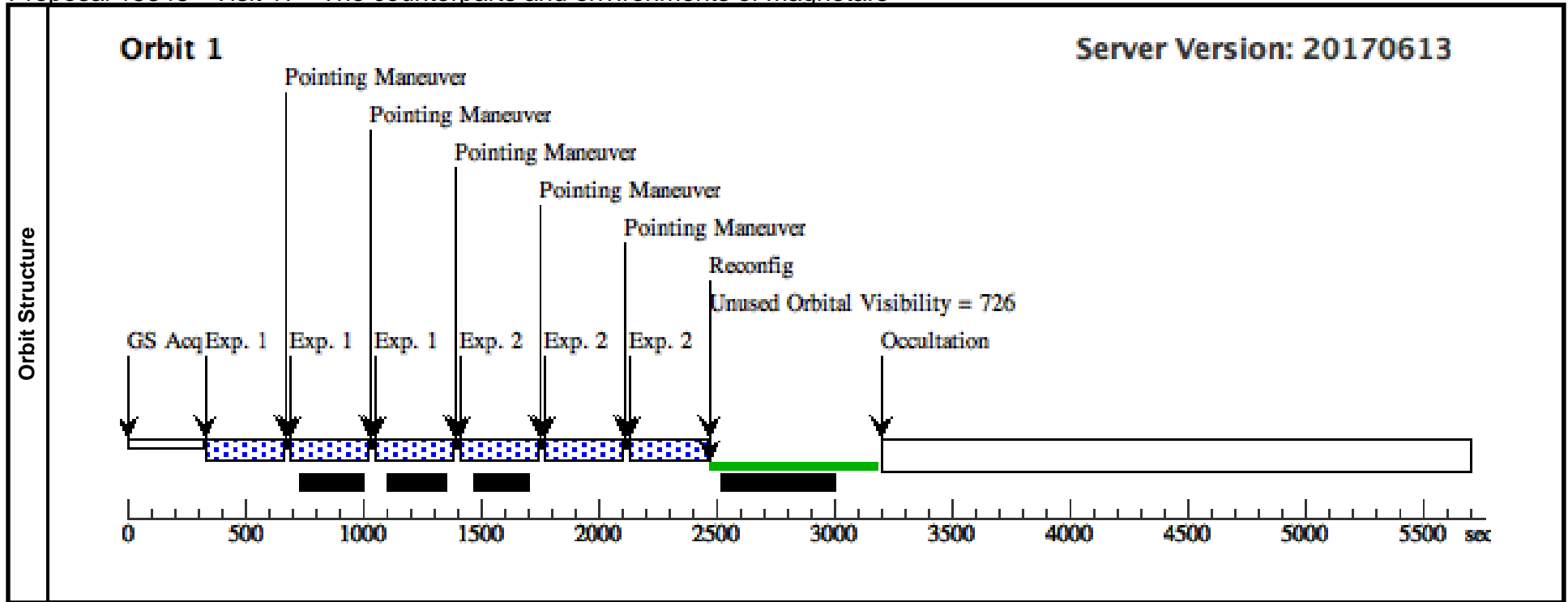
| Visit | Proposal 15348, Visit 16, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|--|---|--------------------------|---------------|------------------------------|---------------|-------------------------------------|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (16) | SWIFT-J1822.3-1606 | RA: 18 22 18.0000 (275.5750000d) Dec: -16 04 26.80 (-16.07411d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (16) SWIFT-J1822.3-1606 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; NSAMP=8 | | Pattern 1, Exps 1-1 in Visit 16 (1) | 199.231 Secs (597.693 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |
| | 2 | | (16) SWIFT-J1822.3-1606 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; NSAMP=8 | | Pattern 1, Exps 2-2 in Visit 16 (1) | 199.231 Secs (597.693 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |



Proposal 15348 - Visit 17 - The counterparts and environments of magnetars

Mon Oct 23 19:01:58 GMT 2017

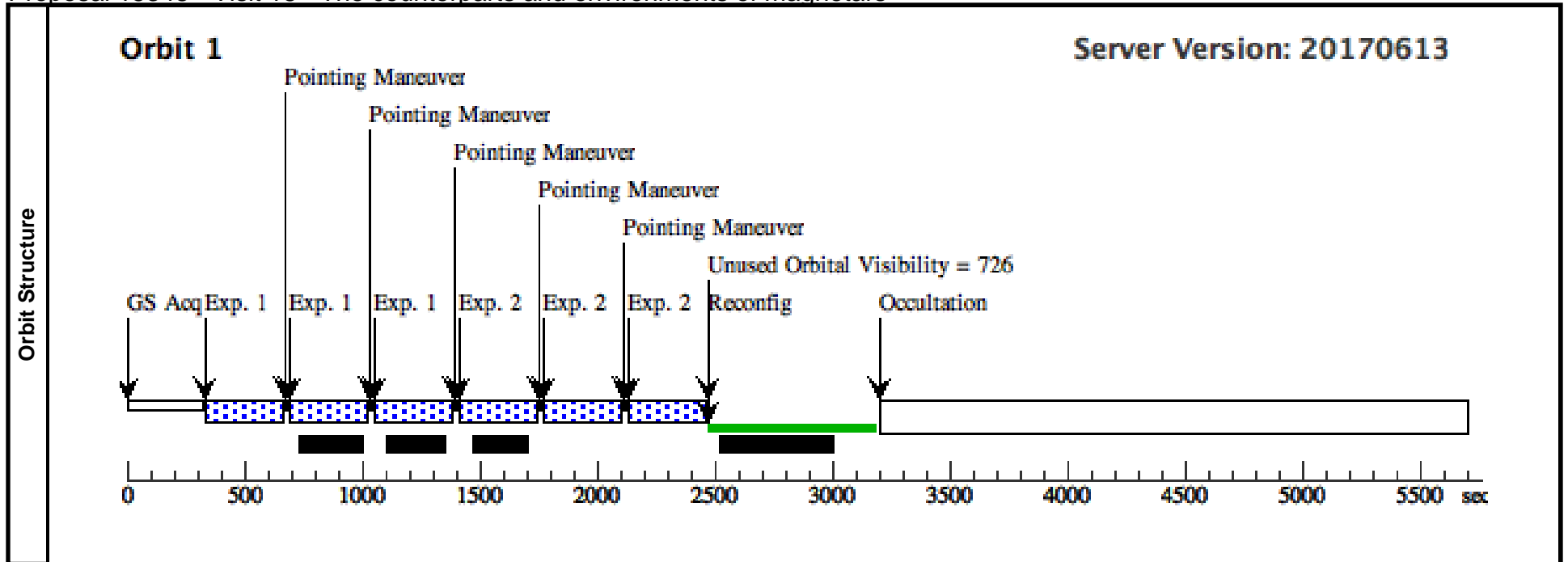
| Visit | Proposal 15348, Visit 17, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|---|--|--------------------|--|---|-------------------|-------------------------|-------------------------------------|--|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (17) | SGR-1833-0832 | RA: 18 33 44.3700 (278.4348750d) Dec: -08 31 7.50 (-8.51875d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG** big shift from SIMBD</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (17) SGR-1833-0832 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 1-1 in Visit 17 (1) | 299.231323 Secs (897.694 Secs) | |
| | | | | | | NSAMP=9 | | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (17) SGR-1833-0832 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 2-2 in Visit 17 (1) | 299.231323 Secs (897.694 Secs) | | |
| | | | | | NSAMP=9 | | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] | |



Proposal 15348 - Visit 18 - The counterparts and environments of magnetars

Mon Oct 23 19:01:58 GMT 2017

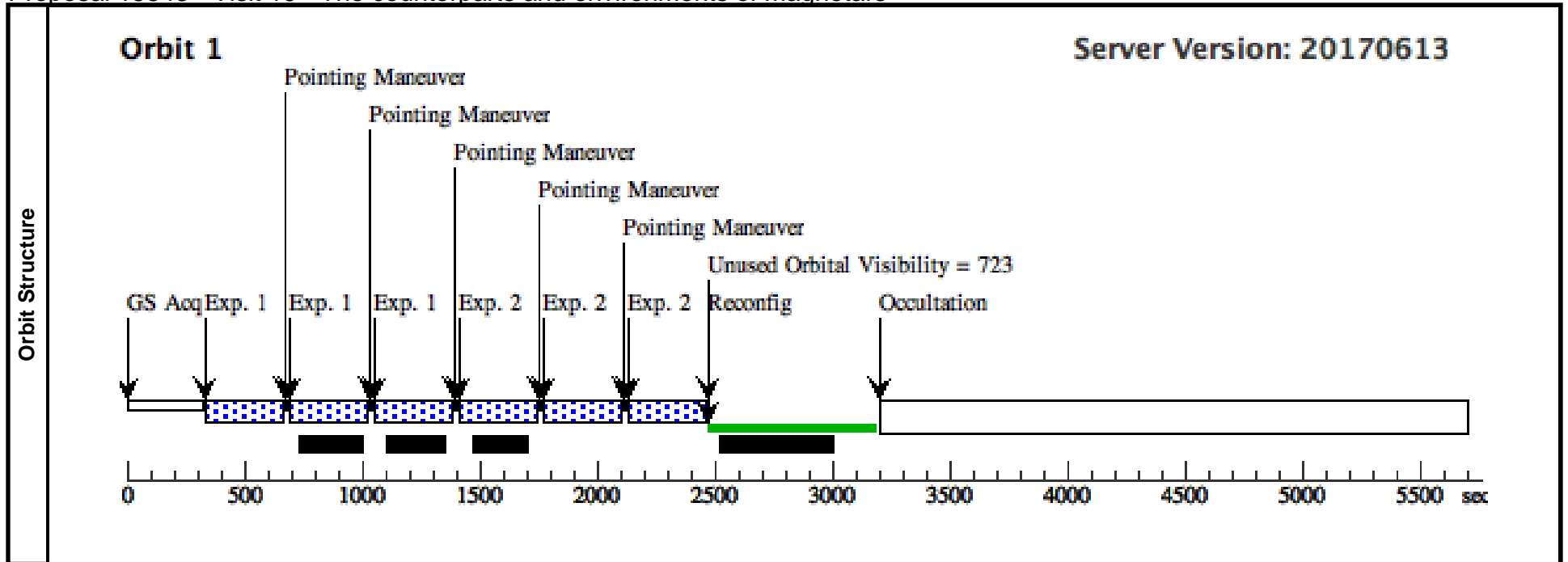
| Visit | Proposal 15348, Visit 18, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|--|---|--------------------------|-------------------|-------------------------|---------------|-------------------------------------|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (18) | SWIFT-J1834.9-0846 | RA: 18 34 52.1200 (278.7171667d) Dec: -08 45 56.02 (-8.76556d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (18) SWIFT-J1834.9-0846 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | NSAMP=9 | | 299.231323 Secs (897.694 Secs) | |
| | | | | | | | | Pattern 1, Exps 1-1 in Visit 18 (1) | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (18) SWIFT-J1834.9-0846 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | NSAMP=9 | | 299.231323 Secs (897.694 Secs) | | |
| | | | | | | | | Pattern 1, Exps 2-2 in Visit 18 (1) | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |



Proposal 15348 - Visit 19 - The counterparts and environments of magnetars

Mon Oct 23 19:01:58 GMT 2017

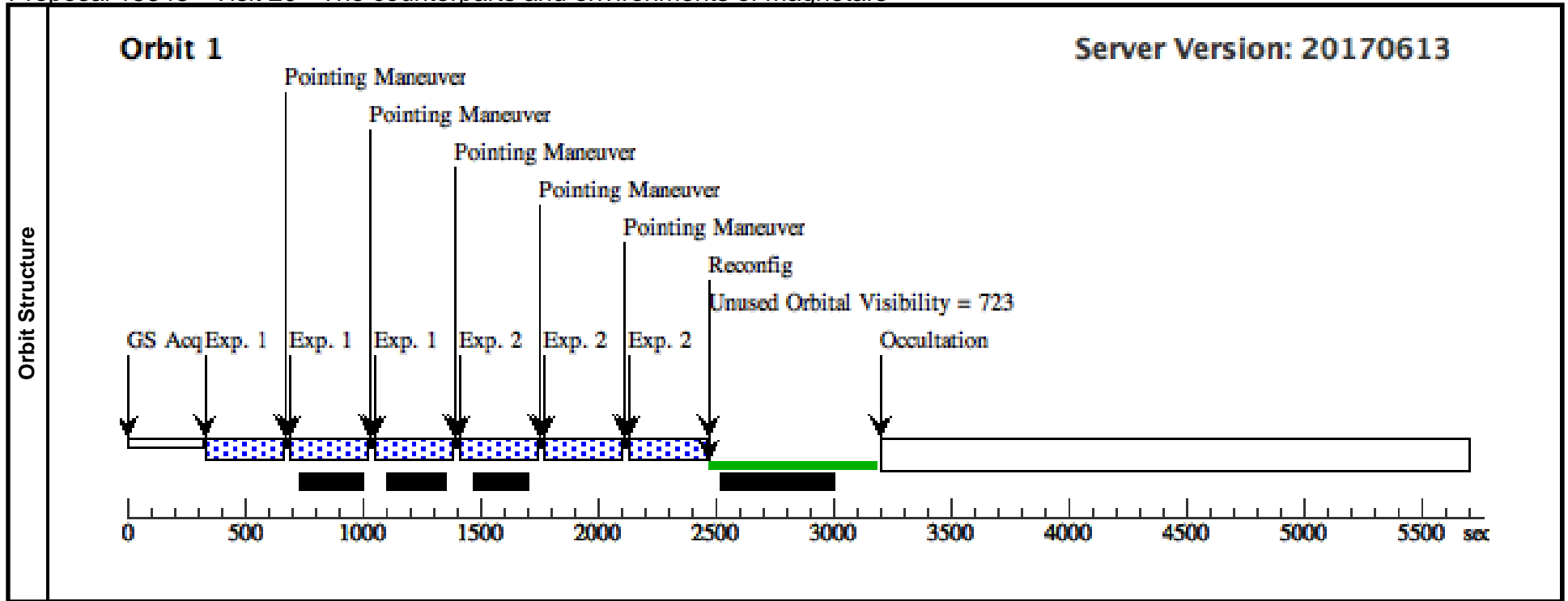
| Visit | Proposal 15348, Visit 19, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|--|---|--------------------------|---------------|------------------------------|---------------|-------------------------------------|---|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (19) | 1E-1841-045 | RA: 18 41 19.3430 (280.3305958d) Dec: -04 56 11.16 (-4.93643d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (19) 1E-1841-045 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; NSAMP=9 | | Pattern 1, Exps 1-1 in Visit 19 (1) | 299.231323 Secs (897.694 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |
| | 2 | | (19) 1E-1841-045 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; NSAMP=9 | | Pattern 1, Exps 2-2 in Visit 19 (1) | 299.231323 Secs (897.694 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |



Proposal 15348 - Visit 20 - The counterparts and environments of magnetars

Mon Oct 23 19:01:58 GMT 2017

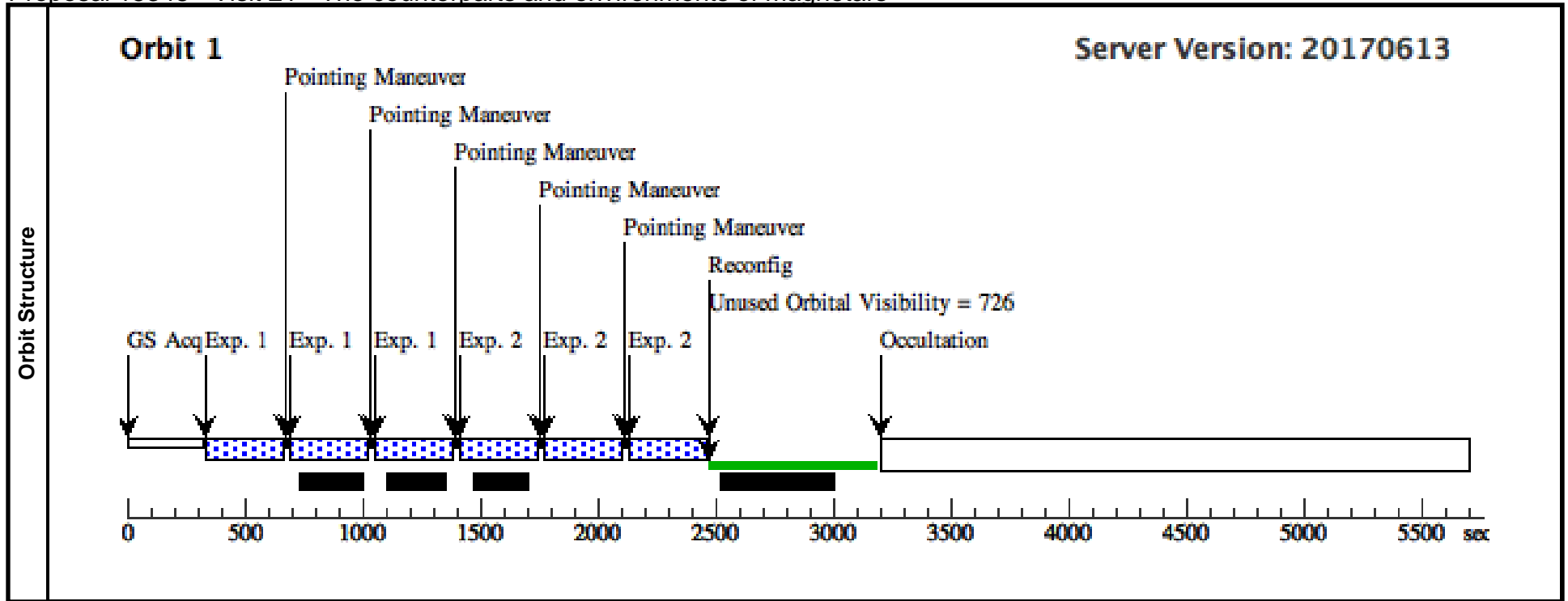
| Visit | Proposal 15348, Visit 20, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|---------------|--|--|---|--------------------------|---------------|----------------------------------|---------------|---|---|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | (1) | Pattern Type=WFC3-IR-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (20) | 3XMM- J185246.6+003317 | RA: 18 52 46.6700 (283.1944583d) Dec: +00 33 17.80 (.55494d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| | <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 (Total)/[Actual Dur.] | Orbit |
| | 1 | | (20) 3XMM-J18524 6.6+003317 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP1 00; NSAMP=9 | | Pattern 1, Exps 1-1 i n Visit 20 (1) | 299.231323 Secs (897.694 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |
| | 2 | | (20) 3XMM-J18524 6.6+003317 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP1 00; NSAMP=9 | | Pattern 1, Exps 2-2 i n Visit 20 (1) | 299.231323 Secs (897.694 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |



Proposal 15348 - Visit 21 - The counterparts and environments of magnetars

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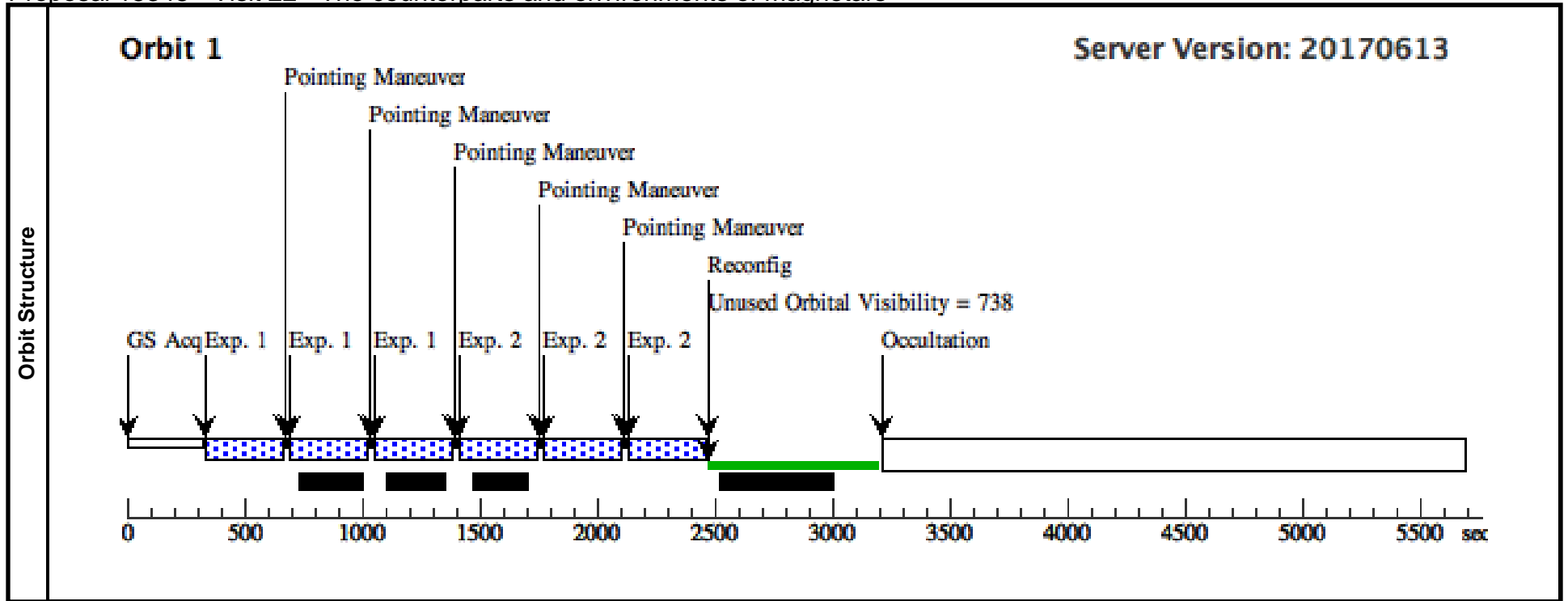
| Visit | Proposal 15348, Visit 21, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|------------------|--|---|------------------------------|------------------------------|---------------|-------------------------------------|--|--|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (21) | SGR-1900+14 | RA: 19 07 14.3300 (286.8097083d) Dec: +09 19 20.10 (9.32225d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG** big shift in position</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (21) SGR-1900+14 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; NSAMP=9 | | | Pattern 1, Exps 1-1 in Visit 21 (1) | 299.231323 Secs (897.694 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] |
| 2 | | (21) SGR-1900+14 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; NSAMP=9 | | | Pattern 1, Exps 2-2 in Visit 21 (1) | 299.231323 Secs (897.694 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |



Proposal 15348 - Visit 22 - The counterparts and environments of magnetars

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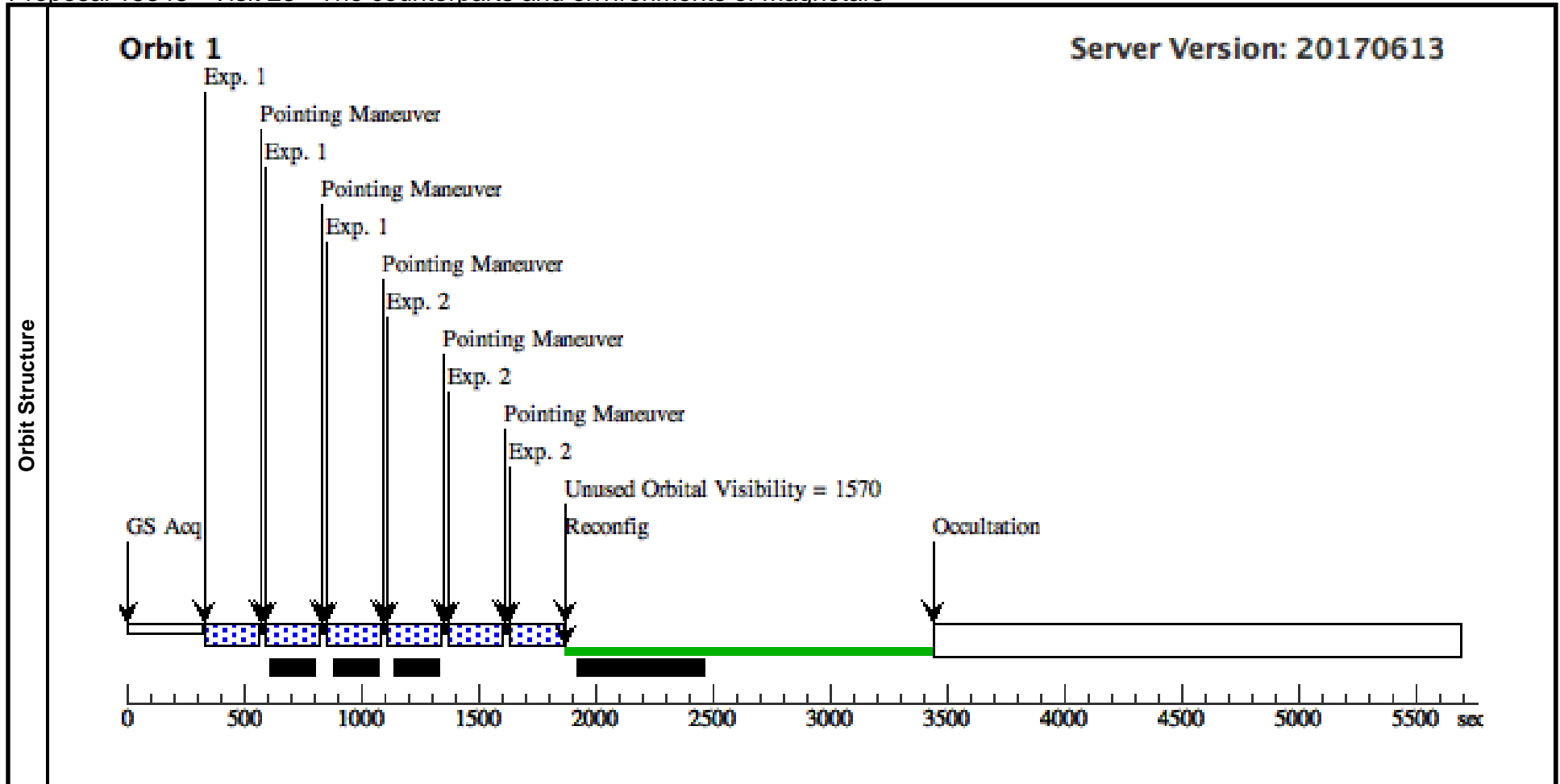
| Visit | Proposal 15348, Visit 22, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|--------------------|--|---|-------------------|-------------------------|-------------------------------------|--|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (22) | SGR-1935+2154 | RA: 19 34 55.5978 (293.7316575d) Dec: +21 53 47.79 (21.89661d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (22) SGR-1935+2154 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 1-1 in Visit 22 (1) | 299.231323 Secs (897.694 Secs) | |
| | | 4 | | | | | NSAMP=9 | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (22) SGR-1935+2154 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 2-2 in Visit 22 (1) | 299.231323 Secs (897.694 Secs) | | |
| | 4 | | | | | NSAMP=9 | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] | |



Proposal 15348 - Visit 23 - The counterparts and environments of magnetars

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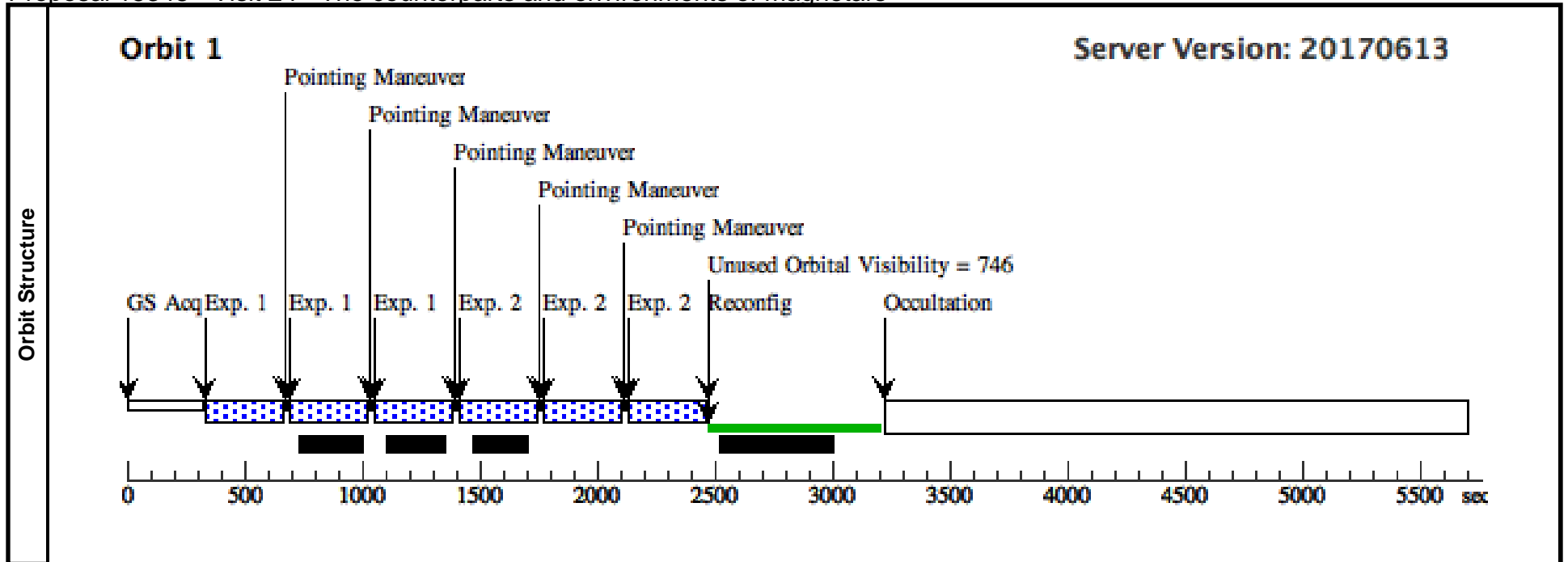
| Visit | Proposal 15348, Visit 23, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|------------------|--|---|------------------------------|------------------------------|---------------|-------------------------------------|--|--|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (23) | 1E-2259+586 | RA: 23 01 8.2950 (345.2845625d) Dec: +58 52 44.45 (58.87901d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG**</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (23) 1E-2259+586 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; NSAMP=8 | | | Pattern 1, Exps 1-1 in Visit 23 (1) | 199.231 Secs (597.693 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] |
| 2 | | (23) 1E-2259+586 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; NSAMP=8 | | | Pattern 1, Exps 2-2 in Visit 23 (1) | 199.231 Secs (597.693 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |



Proposal 15348 - Visit 24 - The counterparts and environments of magnetars

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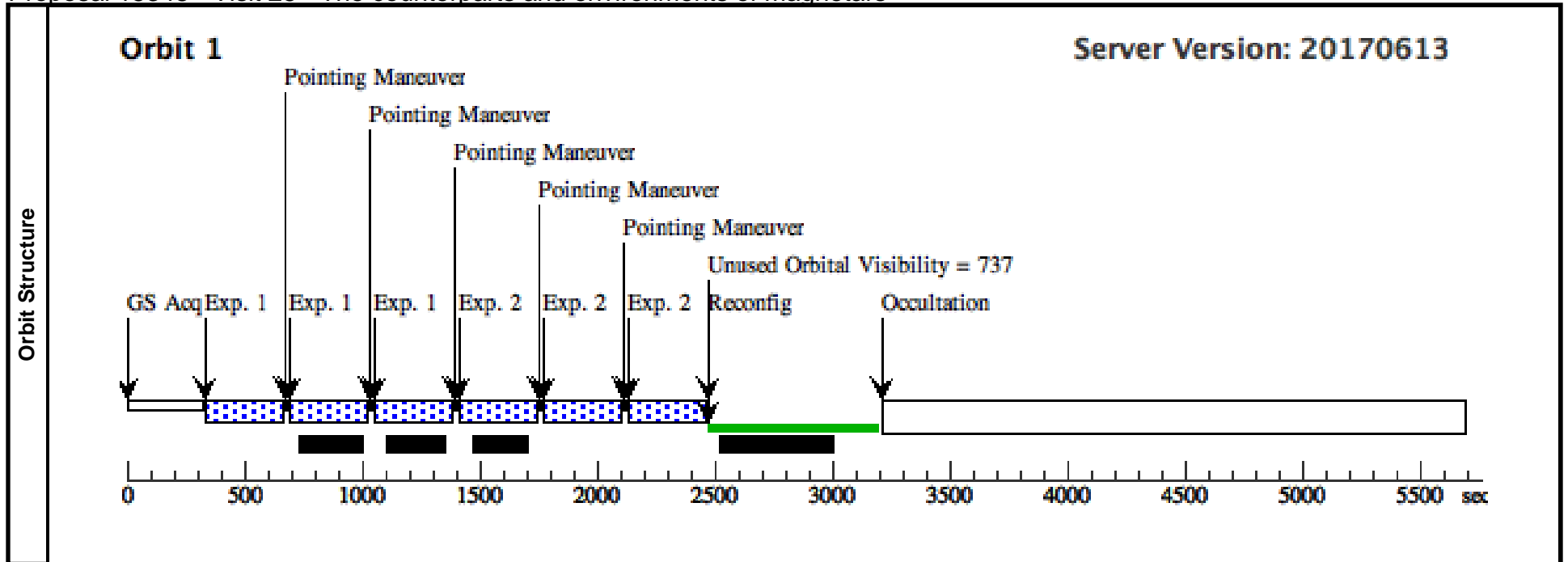
| Visit | Proposal 15348, Visit 24, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|---------------|--|-------------------|--|---|-------------------|-----------------------|---------------|-------------------------------------|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (24) | SGR0755-2933 | RA: 07 55 42.4800 (118.9270000d) Dec: -29 33 49.20 (-29.56367d) Equinox: J2000 | | V=25+/-5 | Reference Frame: ICRS | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (24) SGR0755-2933 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 1-1 in Visit 24 (1) | 299.231323 Secs (897.694 Secs) | |
| | | | | | | | NSAMP=9 | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (24) SGR0755-2933 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | | | Pattern 1, Exps 2-2 in Visit 24 (1) | 299.231323 Secs (897.694 Secs) | |
| | | | | | | NSAMP=9 | | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |



Proposal 15348 - Visit 25 - The counterparts and environments of magnetars

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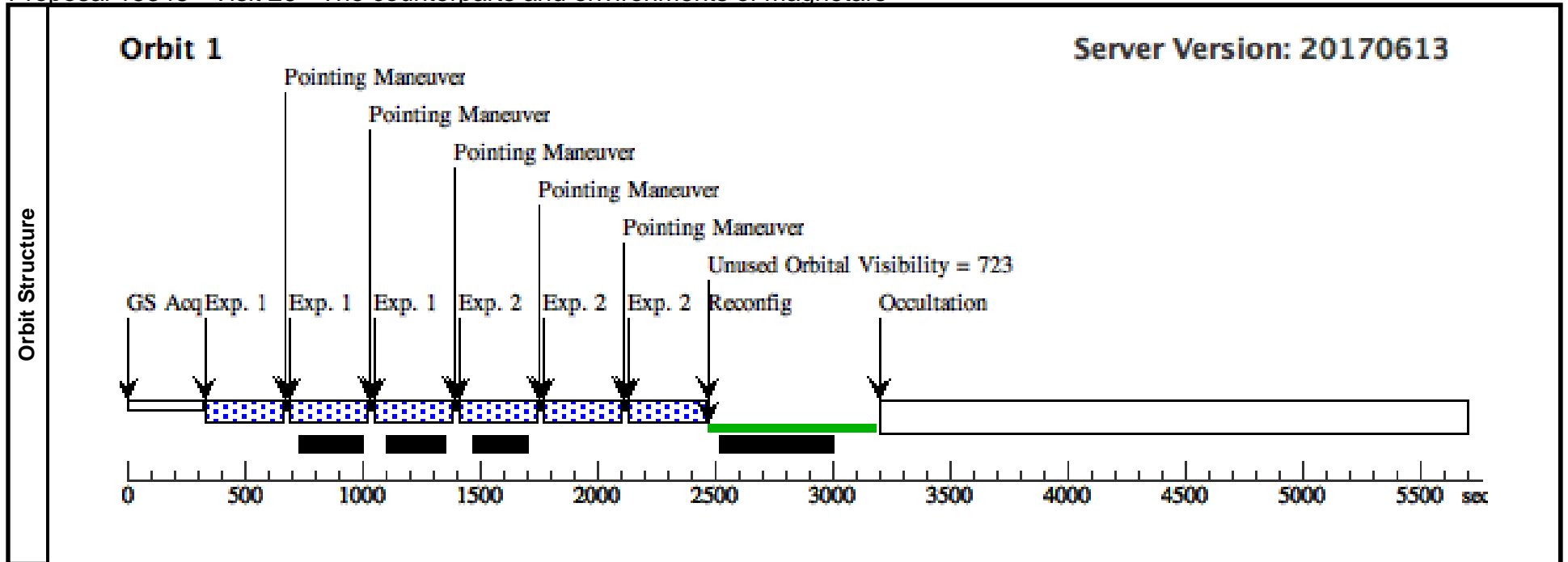
| Visit | Proposal 15348, Visit 25, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|----------------------|--|---|------------------------------|------------------------------|---------------|-------------------------------------|---|---|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (25) | AX-J1818.8-1559 | RA: 18 18 51.3800 (274.7140833d) Dec: -15 59 22.62 (-15.98962d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG** big offset from SIMBAD position</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (25) AX-J1818.8-1559 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; NSAMP=9 | | | Pattern 1, Exps 1-1 in Visit 25 (1) | 299.231323 Secs (897.694 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] |
| 2 | | (25) AX-J1818.8-1559 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; NSAMP=9 | | | Pattern 1, Exps 2-2 in Visit 25 (1) | 299.231323 Secs (897.694 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |



Proposal 15348 - Visit 26 - The counterparts and environments of magnetars

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| Visit | Proposal 15348, Visit 26, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|---|--|--|---|--------------------------|-------------------|-------------------------|---------------|-------------------------------------|--|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (26) | AX-J1844.8-0258 | RA: 18 44 54.6800 (281.2278333d) Dec: -02 56 53.10 (-2.94808d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. **UPDATED FROM MAGNETAR CATALOG** big offset in position</i> | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (26) AX-J1844.8-0258 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 1-1 in Visit 26 (1) | 299.231323 Secs (897.694 Secs) | |
| | | | | | | | NSAMP=9 | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |
| 2 | | (26) AX-J1844.8-0258 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | | | Pattern 1, Exps 2-2 in Visit 26 (1) | 299.231323 Secs (897.694 Secs) | |
| | | | | | | NSAMP=9 | | | [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] | [1] |



Proposal 15348 - Visit 27 - The counterparts and environments of magnetars

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| Visit | Proposal 15348, Visit 27, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) | | | | | | | | | |
|--|--|---------------------|--|---|-------------------|-------------------------|-------------------------------------|---|---|-------|
| | Patterns | # | Primary Pattern | Secondary Pattern | Exposures | | | | | |
| | | (1) | Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 Line Spacing= | Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false | | (1), (2) | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (27) | PSR-J1846-0258 | RA: 18 46 24.9400 (281.6039167d) Dec: -02 58 30.10 (-2.97503d) Equinox: J2000 | | V=25+/-1 | Reference Frame: SIMBAD | | | | |
| <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 (Total)/[Actual Dur.] | Orbit |
| | 1 | | (27) PSR-J1846-0258 | WFC3/IR, MULTIACCUM, IR | F125W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 1-1 in Visit 27 (1) | 299.231323 Secs (897.694 Secs) | |
| | | | 8 | | | | NSAMP=9 | | [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] |
| 2 | | (27) PSR-J1846-0258 | WFC3/IR, MULTIACCUM, IR | F160W | SAMP-SEQ=STEP100; | | Pattern 1, Exps 2-2 in Visit 27 (1) | 299.231323 Secs (897.694 Secs) | | |
| | | 8 | | | | NSAMP=9 | | [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] | [1] | |

