



13031 - Testing Collisional Grinding in the Kuiper Belt

Cycle: 20, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

INVESTIGATORS

| <i>Name</i> | <i>Institution</i> | <i>E-Mail</i> |
|---------------------------------------------|---------------------------------------------------|------------------------------|
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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) 04VA131 | WFC3/UVIS | 1 | 15-May-2014 15:54:08.0 | yes |
| 02 | (2) 00WL183 | WFC3/UVIS | 1 | 15-May-2014 15:54:09.0 | yes |
| 03 | (3) 00WO183 | WFC3/UVIS | 1 | 15-May-2014 15:54:10.0 | yes |
| 04 | (4) 03TK58 | WFC3/UVIS | 1 | 15-May-2014 15:54:10.0 | yes |
| 05 | (5) 03YT179 | WFC3/UVIS | 1 | 15-May-2014 15:54:11.0 | yes |
| 06 | (6) 03YX179 | WFC3/UVIS | 1 | 15-May-2014 15:54:12.0 | yes |
| 07 | (7) 05CE81 | WFC3/UVIS | 1 | 15-May-2014 15:54:13.0 | yes |
| 08 | (8) 99CN119 | WFC3/UVIS | 1 | 15-May-2014 15:54:13.0 | yes |
| 09 | (9) 99CU153 | WFC3/UVIS | 1 | 15-May-2014 15:54:14.0 | yes |
| 10 | (10) 99CH154 | WFC3/UVIS | 1 | 15-May-2014 15:54:15.0 | yes |

Proposal 13031 (STScI Edit Number: 1, Created: Thursday, May 15, 2014 2:54:47 PM EST) - Overview

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 11 | (11) 95DB2 | WFC3/UVIS | 1 | 15-May-2014 15:54:15.0 | yes |
| 12 | (12) 99DA | WFC3/UVIS | 1 | 15-May-2014 15:54:16.0 | yes |
| 13 | (13) 99DH8 | WFC3/UVIS | 1 | 15-May-2014 15:54:17.0 | yes |
| 14 | (14) 99CM153 | WFC3/UVIS | 1 | 15-May-2014 15:54:17.0 | yes |
| 15 | (15) 182926 | WFC3/UVIS | 1 | 15-May-2014 15:54:18.0 | yes |
| 16 | (16) 183963 | WFC3/UVIS | 1 | 15-May-2014 15:54:19.0 | yes |
| 17 | (17) 94ES2 | WFC3/UVIS | 1 | 15-May-2014 15:54:19.0 | yes |
| 18 | (18) 03FD128 | WFC3/UVIS | 1 | 15-May-2014 15:54:20.0 | yes |
| 19 | (19) 00FC8 | WFC3/UVIS | 1 | 15-May-2014 15:54:21.0 | yes |
| 20 | (20) 00FH8 | WFC3/UVIS | 1 | 15-May-2014 15:54:21.0 | yes |
| 21 | (21) 00FF8 | WFC3/UVIS | 1 | 15-May-2014 15:54:22.0 | yes |
| 22 | (22) 00FA8 | WFC3/UVIS | 1 | 15-May-2014 15:54:23.0 | yes |
| 23 | (23) 00GX146 | WFC3/UVIS | 1 | 15-May-2014 15:54:24.0 | yes |
| 24 | (24) 00GY146 | WFC3/UVIS | 1 | 15-May-2014 15:54:24.0 | yes |
| 25 | (25) 03FA130 | WFC3/UVIS | 1 | 15-May-2014 15:54:25.0 | yes |
| 26 | (26) 03HZ56 | WFC3/UVIS | 1 | 15-May-2014 15:54:25.0 | yes |
| 27 | (27) 129772 | WFC3/UVIS | 1 | 15-May-2014 15:54:26.0 | yes |
| 28 | (28) 03HH57 | WFC3/UVIS | 1 | 15-May-2014 15:54:27.0 | yes |
| 29 | (29) 01FK185 | WFC3/UVIS | 1 | 15-May-2014 15:54:27.0 | yes |
| 30 | (30) 00GV146 | WFC3/UVIS | 1 | 15-May-2014 15:54:28.0 | yes |
| 31 | (31) 00FS53 | WFC3/UVIS | 1 | 15-May-2014 15:54:29.0 | yes |
| 32 | (32) 04HE79 | WFC3/UVIS | 1 | 15-May-2014 15:54:29.0 | yes |
| 33 | (33) 04KG19 | WFC3/UVIS | 1 | 15-May-2014 15:54:30.0 | yes |
| 34 | (34) 04HC79 | WFC3/UVIS | 1 | 15-May-2014 15:54:30.0 | yes |
| 35 | (35) 04KD19 | WFC3/UVIS | 1 | 15-May-2014 15:54:31.0 | yes |

Proposal 13031 (STScI Edit Number: 1, Created: Thursday, May 15, 2014 2:54:47 PM EST) - Overview

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 36 | (36) 52747 | WFC3/UVIS | 1 | 15-May-2014 15:54:32.0 | yes |
| 37 | (37) 00PG30 | WFC3/UVIS | 1 | 15-May-2014 15:54:32.0 | yes |
| 38 | (38) 00SY370 | WFC3/UVIS | 1 | 15-May-2014 15:54:33.0 | yes |
| 39 | (39) 00PU29 | WFC3/UVIS | 1 | 15-May-2014 15:54:33.0 | yes |
| 40 | (40) 00PW29 | WFC3/UVIS | 1 | 15-May-2014 15:54:34.0 | yes |
| 41 | (41) 98KS65 | WFC3/UVIS | 1 | 15-May-2014 15:54:35.0 | yes |
| 42 | (42) 99OG4 | WFC3/UVIS | 1 | 15-May-2014 15:54:35.0 | yes |
| 43 | (43) 00PM30 | WFC3/UVIS | 1 | 15-May-2014 15:54:36.0 | yes |
| 44 | (44) 00PA30 | WFC3/UVIS | 1 | 15-May-2014 15:54:37.0 | yes |
| 45 | (45) 00PC30 | WFC3/UVIS | 1 | 15-May-2014 15:54:37.0 | yes |
| 46 | (46) 99OM4 | WFC3/UVIS | 1 | 15-May-2014 15:54:38.0 | yes |
| 47 | (47) 99ON4 | WFC3/UVIS | 1 | 15-May-2014 15:54:38.0 | yes |
| 48 | (48) 99OC4 | WFC3/UVIS | 1 | 15-May-2014 15:54:39.0 | yes |
| 49 | (49) 00PN30 | WFC3/UVIS | 1 | 15-May-2014 15:54:40.0 | yes |
| 50 | (50) 00OB51 | WFC3/UVIS | 1 | 15-May-2014 15:54:40.0 | yes |
| 51 | (51) 02PX170 | WFC3/UVIS | 1 | 15-May-2014 15:54:41.0 | yes |
| 52 | (52) 99RX215 | WFC3/UVIS | 1 | 15-May-2014 15:54:41.0 | yes |
| 53 | (53) 02PC171 | WFC3/UVIS | 1 | 15-May-2014 15:54:42.0 | yes |
| 54 | (54) 02PY170 | WFC3/UVIS | 1 | 15-May-2014 15:54:43.0 | yes |
| 55 | (55) 03QS91 | WFC3/UVIS | 1 | 15-May-2014 15:54:43.0 | yes |
| 56 | (56) 99RG215 | WFC3/UVIS | 1 | 15-May-2014 15:54:44.0 | yes |

56 Total Orbits Used

ABSTRACT

We propose a SNAP survey of 56 small Cold Classical TNOs to compare their colors and rate of binarity to larger members of this most-primitive Kuiper belt group. Collisional grinding models that can explain the observed turn-over in the magnitude-frequency distribution imply that small

binaries should also be disrupted, but at a brighter, more readily observable threshold. Likewise, collisional erosion could expose differently-colored interior materials. If we do not see a decline in binary rates and a change in color statistics, these observations would pose a challenge to the collisional grinding scenario, suggesting instead that the magnitude-frequency distribution turnover is a more ancient signature of the planetesimal accretion process.

OBSERVING DESCRIPTION

SNAP observations of a class of small/faint transneptunian objects to see if they have companions or a distinct distribution of colors.

ADDITIONAL COMMENTS

A note on POS-TARGs.

We have 3 frames and want to optimally sample the PSF with them, so we dither them according to the WFC3-IR-DITHER-LINE-3PT pattern. However, this pattern can't be applied directly, since we're changing filters mid-stream (F606W-F814W-F606W), so we have to do it with POS-TARGs instead. Here's the dither pattern in POS-TARG units:

0.000000 0.000000

0.092345 0.098475

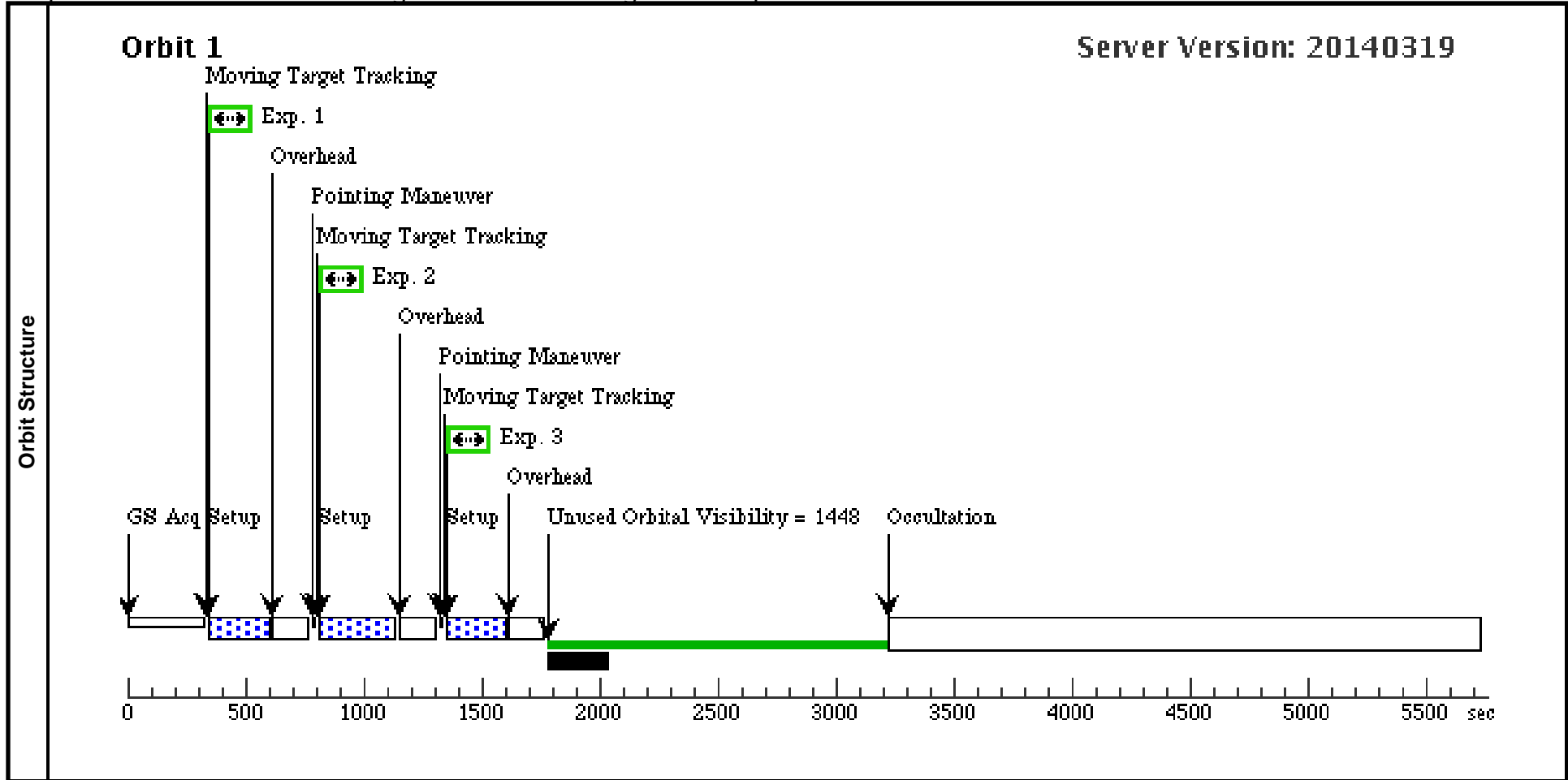
0.184690 0.196950

At the same time, we also need to use POS-TARGs to center up in our subarray. Linda Dressel says that POS-TARGs of -9.2 and -8.6 are needed to reach the center of subarray UVIS1-2K2B-SUB. However, looking at the F606W flat field (v8816169i_pfl.fits), we don't really like the looks of the exact center of the sub-array (3072,1024). The grass looks greener about 100 pixels (or 4 arcsec) down and to the right (+Xpos and -Ypos directions). So instead of adding -9.2 and -8.6, we'll add -5.2 and -12.6 to this pattern.

Proposal 13031 - Visit 01 - Testing Collisional Grinding in the Kuiper Belt

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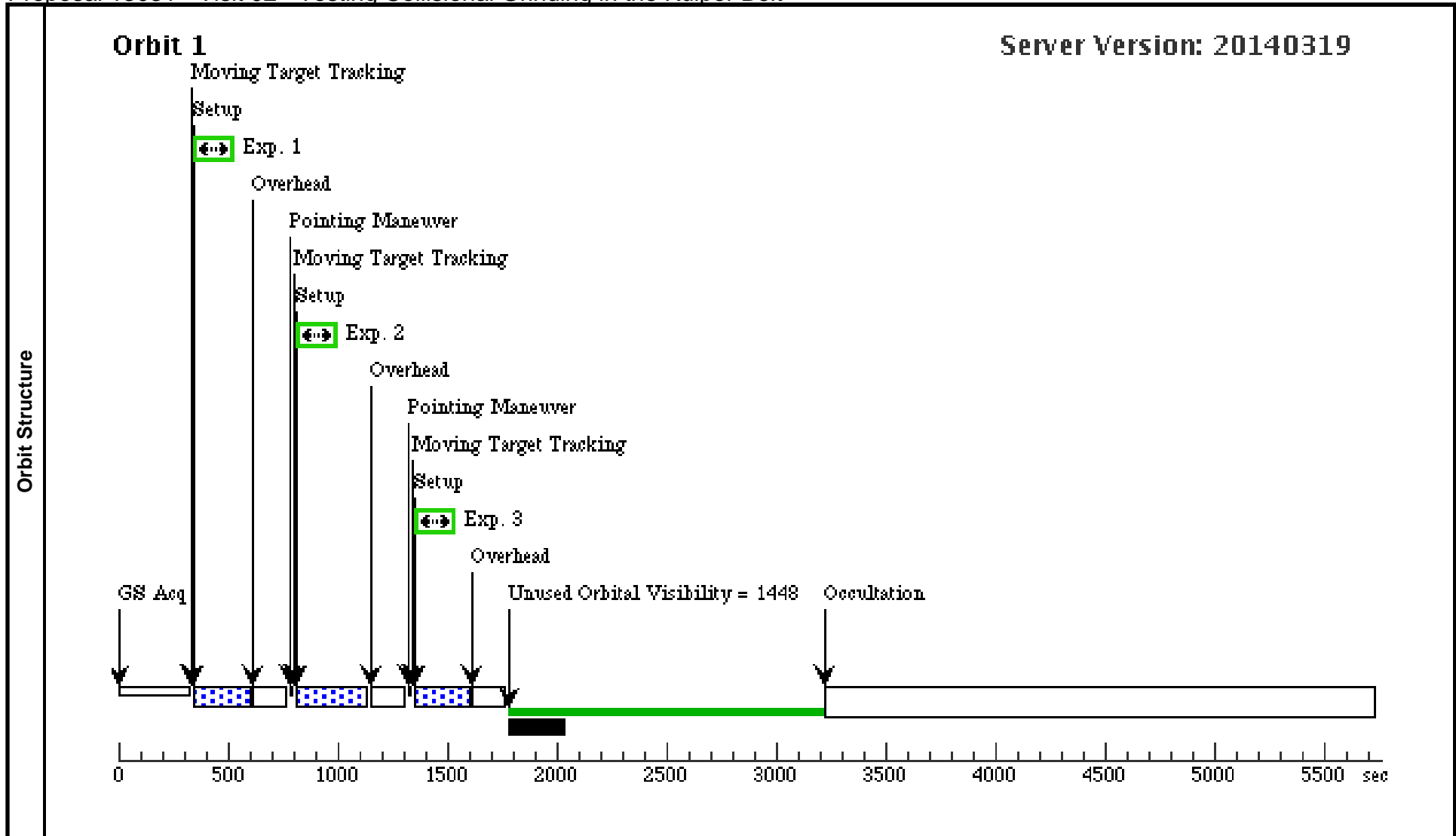
| Visit | Proposal 13031, Visit 01, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|---------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (1) | 04VA131 | TYPE=ASTEROID,A=45.7809602090 00,E=0.100314207720,I=0.763759650 01,O=207.530000120000,W=186.6924 02620000,M=12.880637059000,EQUI NOX=J2000,EPOCH=27-JUL- 2013:00:00:00,EpochTimeScale=UTC | | | | A_VEL 04VA131 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (1) 04VA131 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (1) 04VA131 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (1) 04VA131 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 02 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:48 GMT 2014

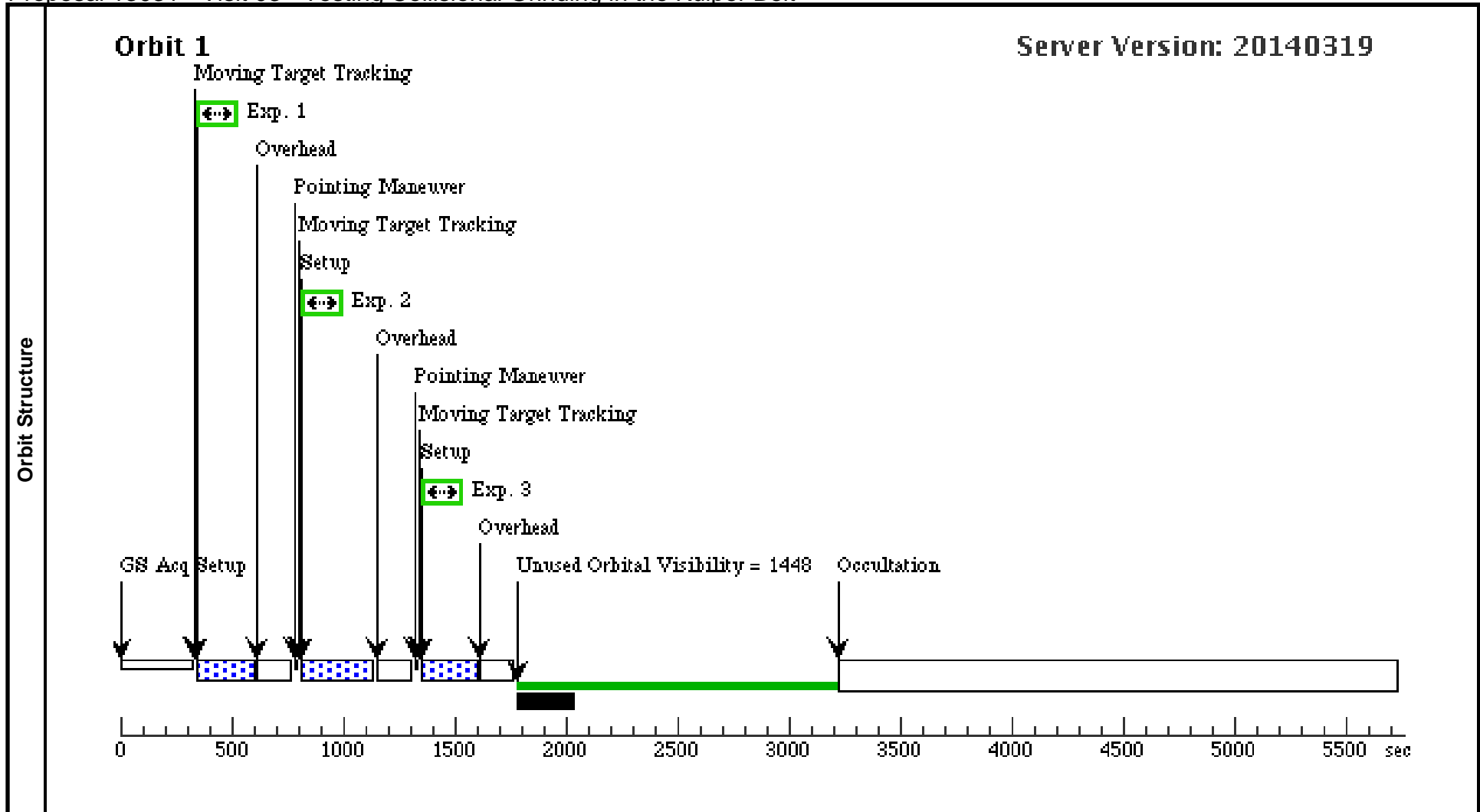
| Visit | Proposal 13031, Visit 02, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|---------------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (2) | 00WL183 | TYPE=ASTEROID,A=43.7819132470 00,E=0.062021647496,I=4.290950549 900,O=93.696748692000,W=202.1017 05750000,M=137.869292780000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00WL183 FROM EARTH GT EARTH 0.0001 | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (2) 00WL183 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (2) 00WL183 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (2) 00WL183 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 03 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:48 GMT 2014

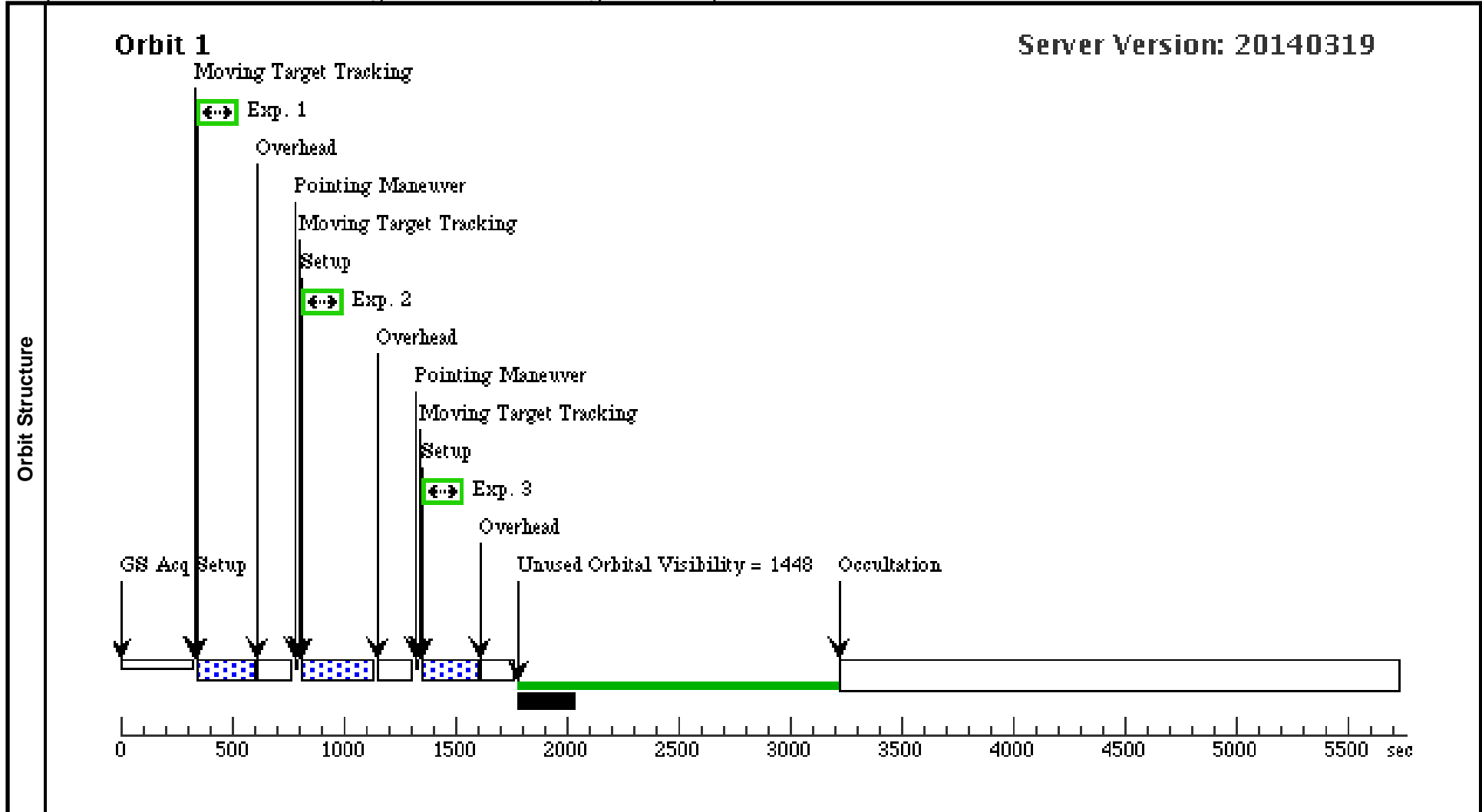
| Visit | Proposal 13031, Visit 03, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|-------------------------------|---------------------------------------|------------------------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (3) | 00WO183 | TYPE=ASTEROID,A=44.0699031580 00,E=0.063533588363,I=2.440492067 800,O=120.497467050000,W=271.874 493850000,M=43.768937974000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00WO183 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (3) 00WO183 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| 2 | | (3) 00WO183 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] | |
| 3 | | (3) 00WO183 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] | |



Proposal 13031 - Visit 04 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:48 GMT 2014

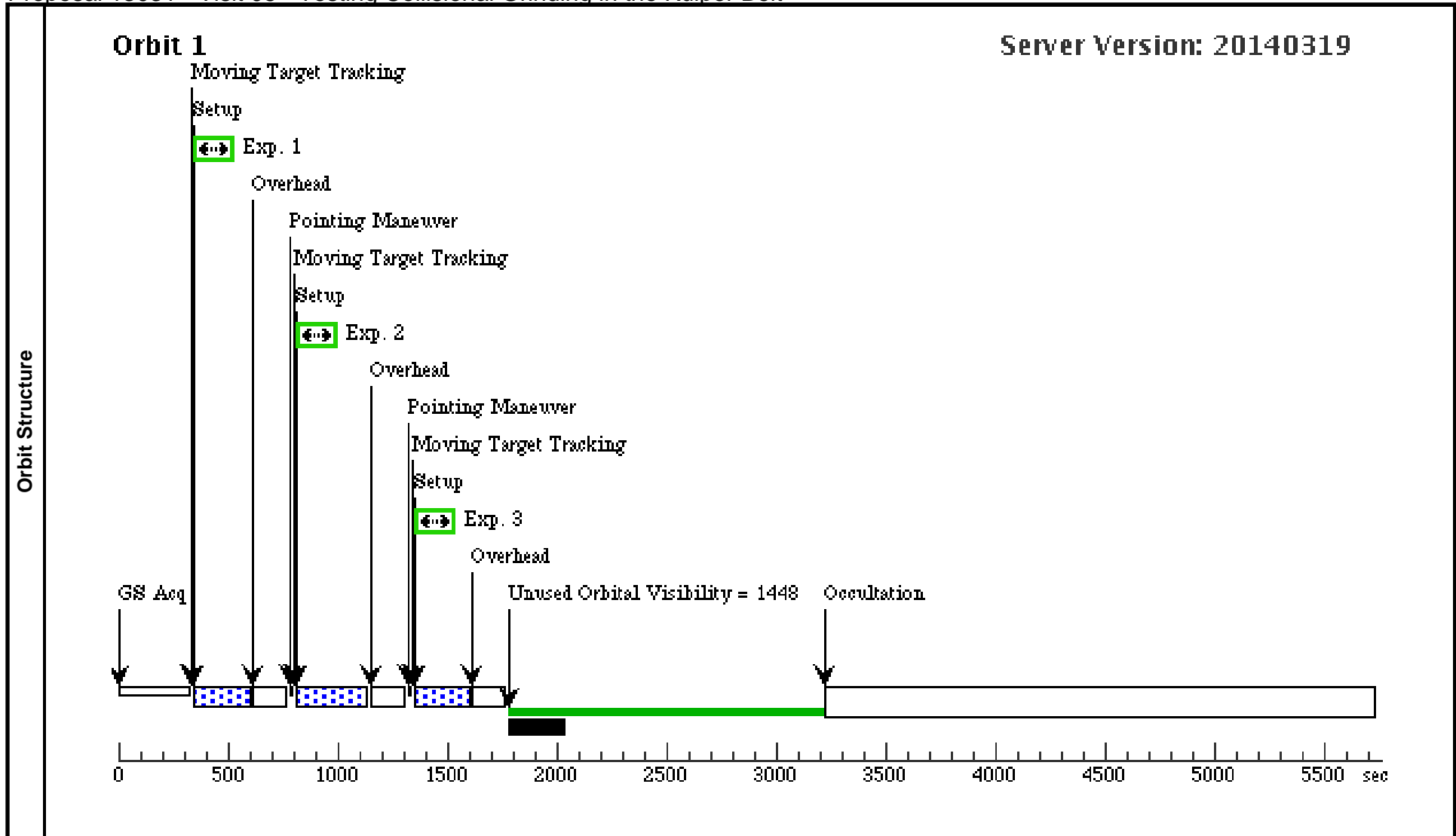
| Visit | Proposal 13031, Visit 04, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|----------------------------|-----------------------------------|---------------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (4) | 03TK58 | TYPE=ASTEROID,A=43.324070201000,E=0.059020022465,I=3.349638285800,O=67.412189158000,W=208.817851040000,M=165.841372220000,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 03TK58 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (4) 03TK58 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) | |
| | | | | | | | | | [==>] | [1] |
| | 2 | | (4) 03TK58 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 300 Secs (300 Secs) | |
| | | | | | | | | [==>] | [1] | |
| 3 | | (4) 03TK58 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) | | |
| | | | | | | | | [==>] | [1] | |



Proposal 13031 - Visit 05 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:48 GMT 2014

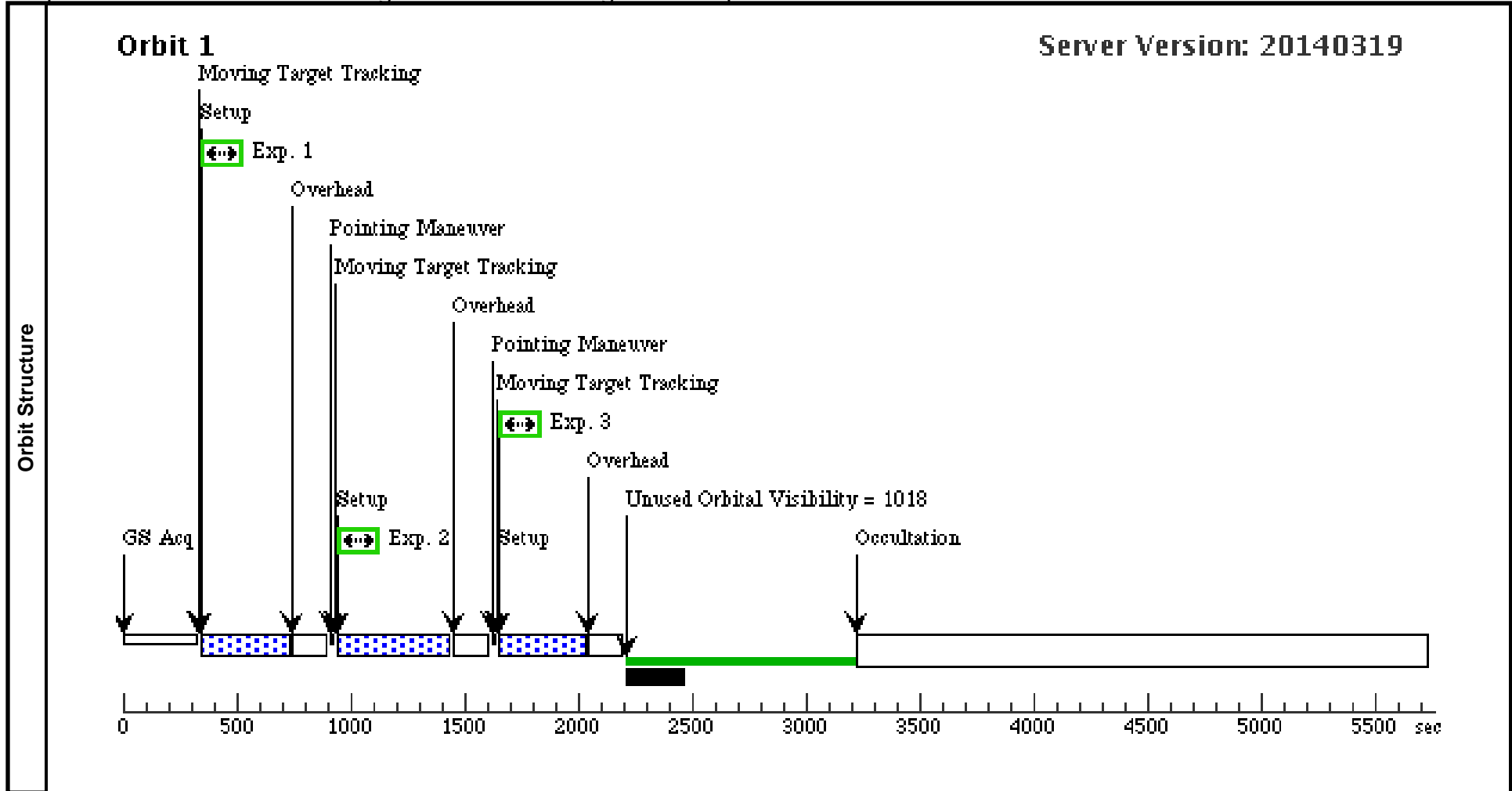
| Visit | Proposal 13031, Visit 05, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|-------------------------------|---------------------------------------|------------------------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (5) | 03YT179 | TYPE=ASTEROID,A=43.7871572700 00,E=0.022965286512,I=1.677270881 900,O=283.158086310000,W=330.763 513030000,M=230.884570630000,EQ UINOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 03YT179 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (5) 03YT179 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| 2 | | (5) 03YT179 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] | |
| 3 | | (5) 03YT179 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] | |



Proposal 13031 - Visit 06 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:48 GMT 2014

| Visit | Proposal 13031, Visit 06, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|---------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (6) | 03YX179 | TYPE=ASTEROID,A=43.8399475390 00,E=0.047409789075,I=4.842737360 800,O=112.106033420000,W=49.8541 53286000,M=325.923200220000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 03YX179 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (6) 03YX179 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 360 Secs (360 Secs) [==>] | [1] |
| | 2 | | (6) 03YX179 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 470 Secs (470 Secs) [==>] | [1] |
| | 3 | | (6) 03YX179 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 360 Secs (360 Secs) [==>] | [1] |



Proposal 13031 - Visit 07 - Testing Collisional Grinding in the Kuiper Belt

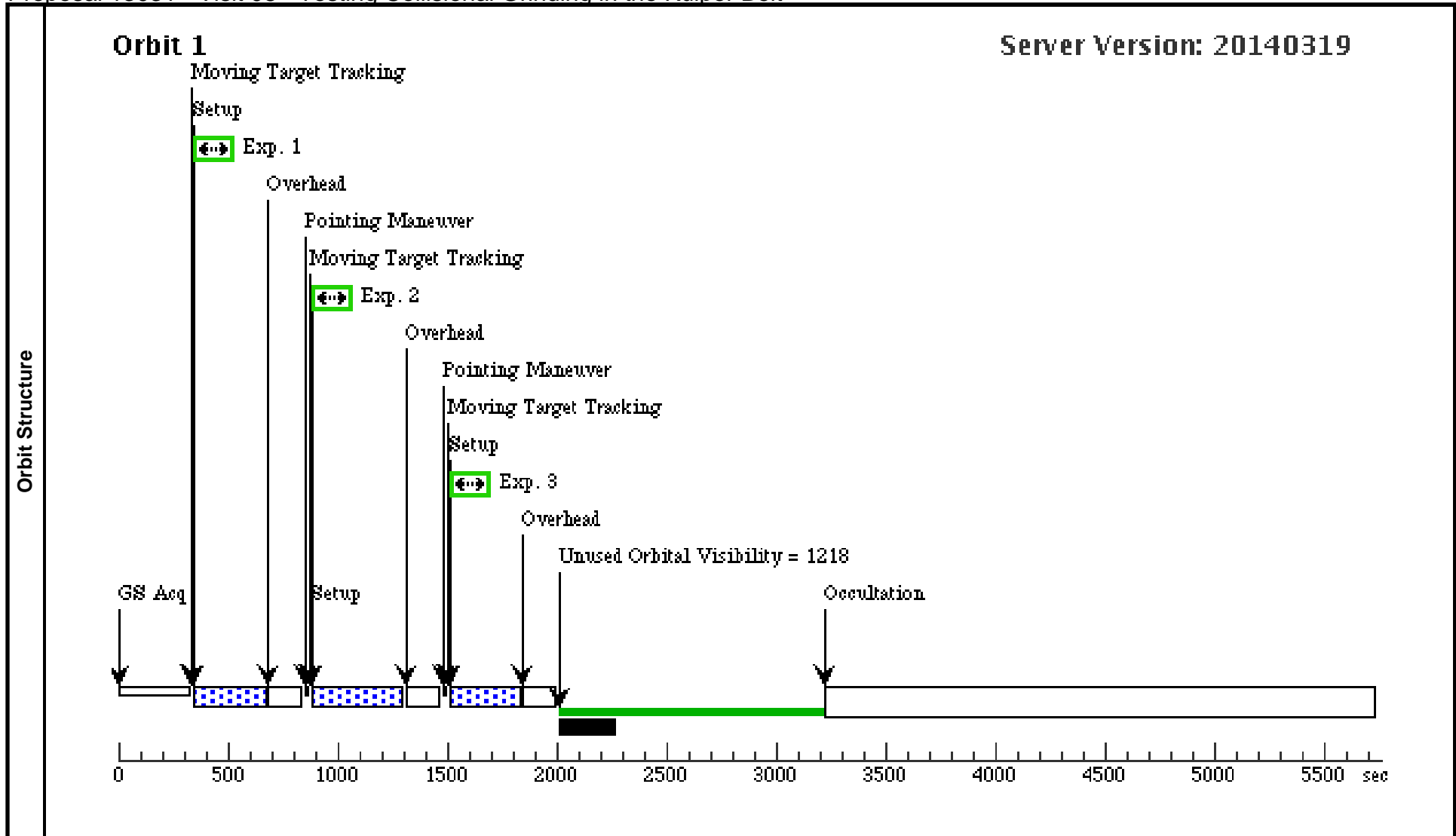
Thu May 15 19:54:48 GMT 2014

| Visit | Proposal 13031, Visit 07, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (7) | 05CE81 | TYPE=ASTEROID,A=42.9254320790 00,E=0.051243127778,I=3.080940277 000,O=103.779568330000,W=40.0813 22400000,M=1.377912665700,EQUIN OX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 05CE81 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (7) 05CE81 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (7) 05CE81 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (7) 05CE81 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |

Proposal 13031 - Visit 08 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:48 GMT 2014

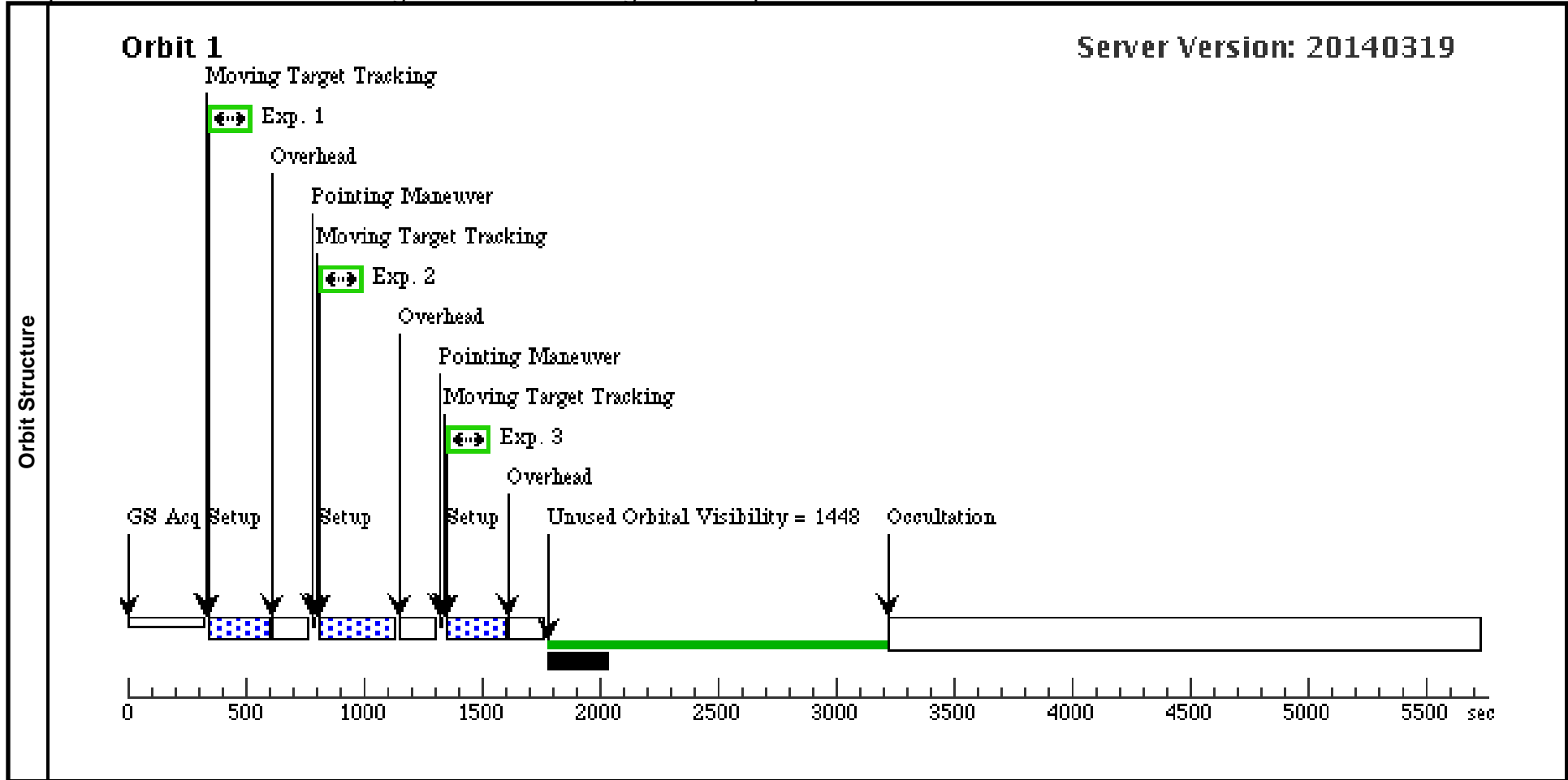
| Visit | Proposal 13031, Visit 08, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|--------------|------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (8) | 99CN119 | TYPE=ASTEROID,A=43.924962437000,E=0.037241821344,I=0.995557489130,O=347.239899030000,W=260.569824850000,M=263.819616370000,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 99CN119 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (8) 99CN119 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 300 Secs (300 Secs) [==>] | [1] |
| | 2 | | (8) 99CN119 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 390 Secs (390 Secs) [==>] | [1] |
| | 3 | | (8) 99CN119 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 300 Secs (300 Secs) [==>] | [1] |



Proposal 13031 - Visit 09 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:48 GMT 2014

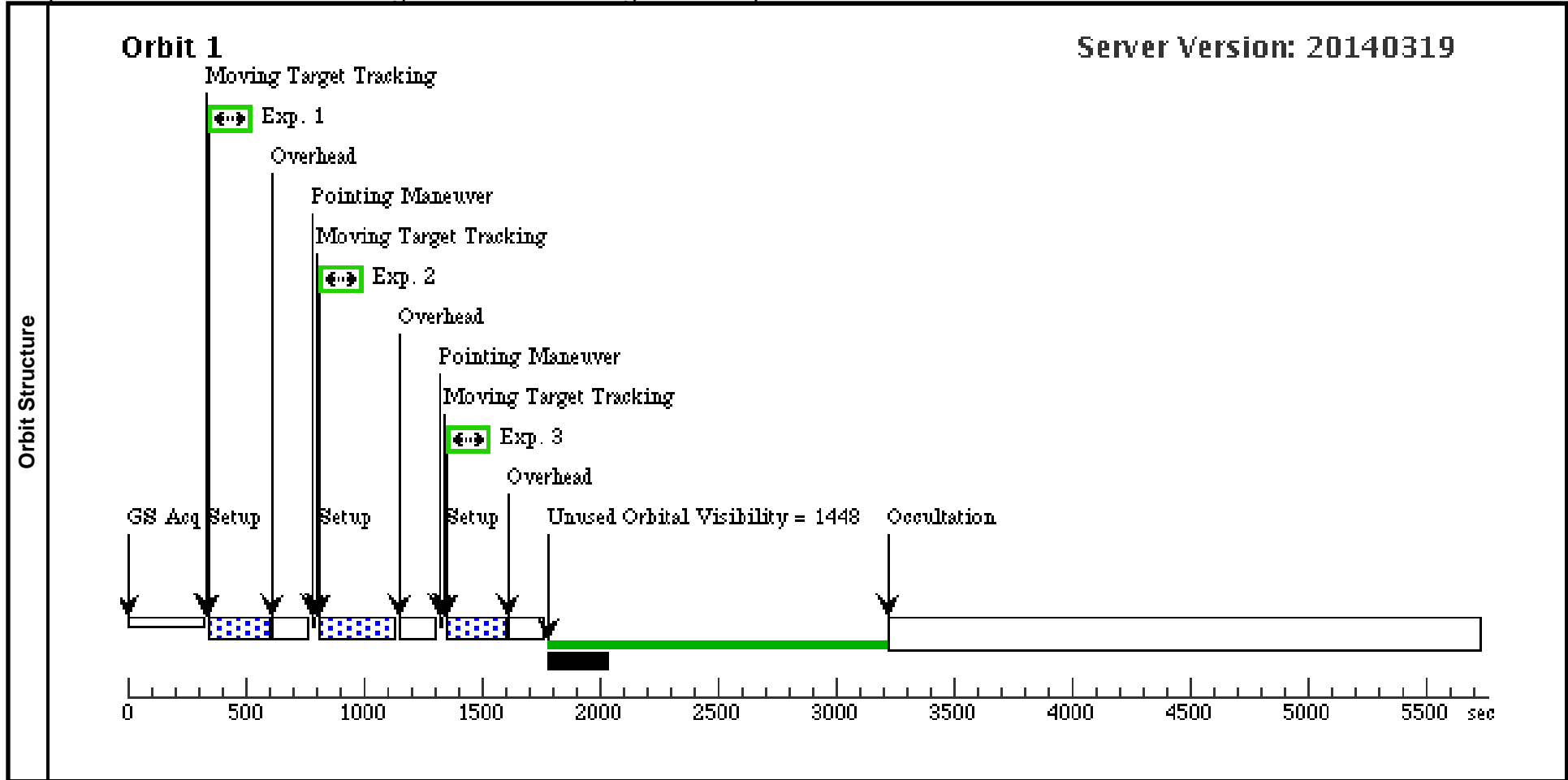
| Visit | Proposal 13031, Visit 09, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|--------------|------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (9) | 99CU153 | TYPE=ASTEROID,A=44.382341656000,E=0.068430165224,I=2.696089462400,O=139.262834260000,W=298.657865030000,M=63.975647798000,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 99CU153 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (9) 99CU153 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) | |
| | | | | | | | | | [==>] | [1] |
| | 2 | | (9) 99CU153 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 300 Secs (300 Secs) | |
| | | | | | | | | [==>] | [1] | |
| | 3 | | (9) 99CU153 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) | |
| | | | | | | | | [==>] | [1] | |



Proposal 13031 - Visit 10 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:48 GMT 2014

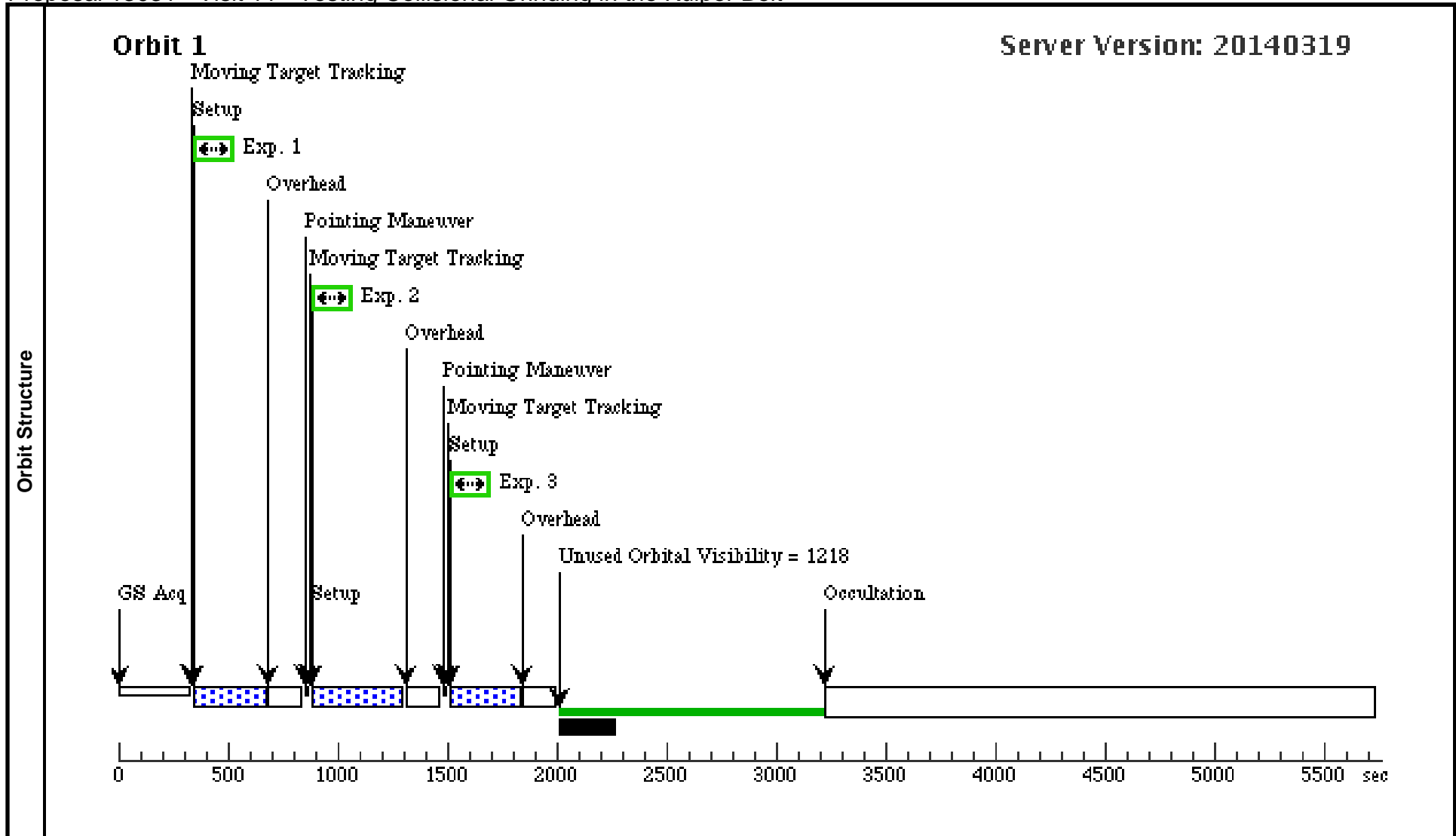
| Visit | Proposal 13031, Visit 10, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|---------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (10) | 99CH154 | TYPE=ASTEROID,A=43.2039854170 00,E=0.013209893759,I=0.843522971 040,O=164.684545610000,W=262.526 286660000,M=80.734375779000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 99CH154 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (10) 99CH154 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (10) 99CH154 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (10) 99CH154 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 11 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:49 GMT 2014

| Visit | Proposal 13031, Visit 11, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|----------------------------|----------------------------------|------------------------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (11) | 95DB2 | TYPE=ASTEROID,A=46.633302763000,E=0.138886368830,I=4.099274294900,O=128.597150020000,W=2.191556373200,M=19.294235821000,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 95DB2 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (11) 95DB2 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 300 Secs (300 Secs) [==>] | [1] |
| 2 | | (11) 95DB2 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 390 Secs (390 Secs) [==>] | [1] | |
| 3 | | (11) 95DB2 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 300 Secs (300 Secs) [==>] | [1] | |



Proposal 13031 - Visit 12 - Testing Collisional Grinding in the Kuiper Belt

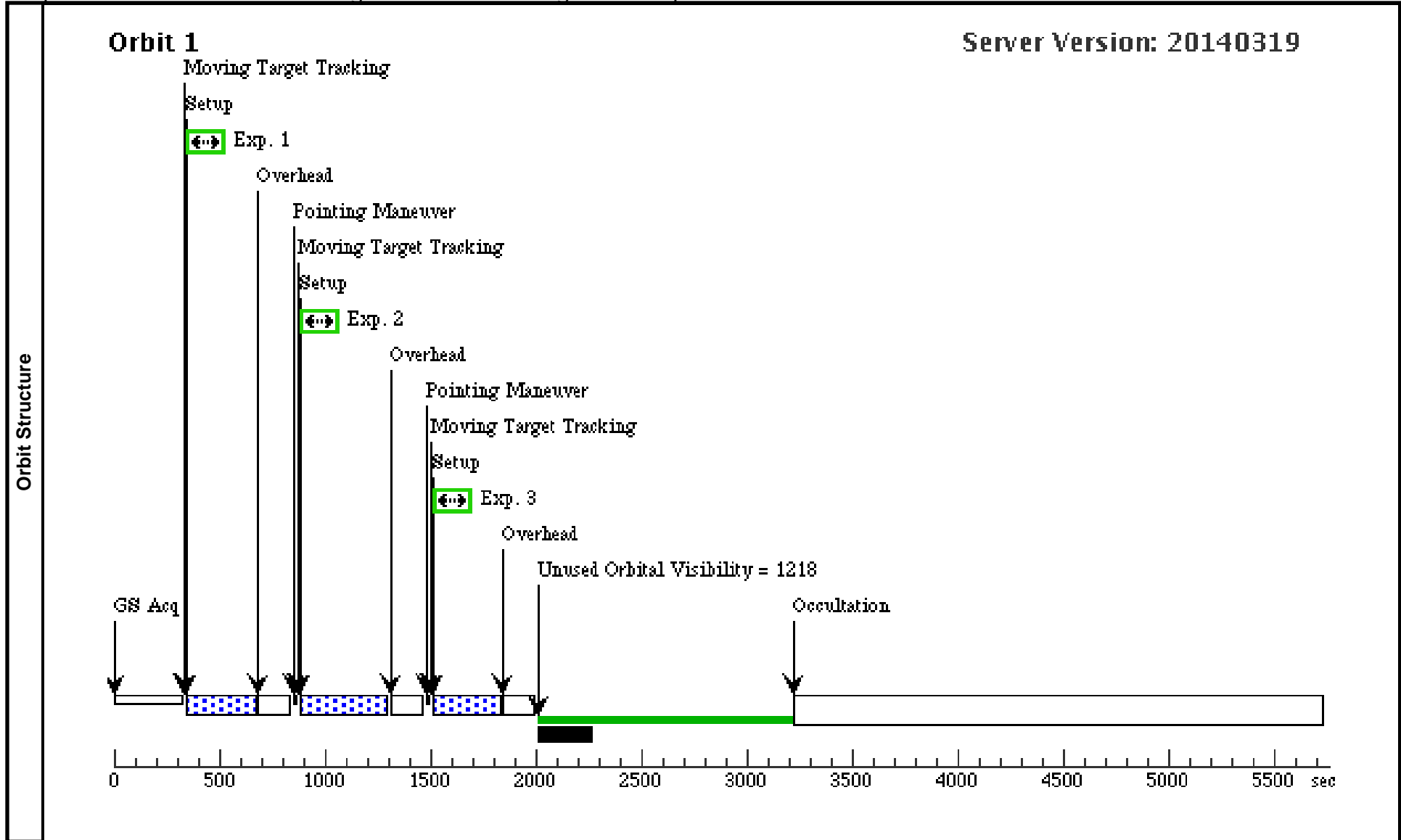
Thu May 15 19:54:49 GMT 2014

| Visit | Proposal 13031, Visit 12, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|--------------|---------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (12) | 99DA | TYPE=ASTEROID,A=43.445676136000,E=0.068659811903,I=2.791031712100,O=53.910857679000,W=248.323119610000,M=218.428703210000,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 99DA FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (12) 99DA | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 300 Secs (300 Secs) [==>] | [1] |
| | 2 | | (12) 99DA | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 390 Secs (390 Secs) [==>] | [1] |
| | 3 | | (12) 99DA | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 300 Secs (300 Secs) [==>] | [1] |

Proposal 13031 - Visit 13 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:49 GMT 2014

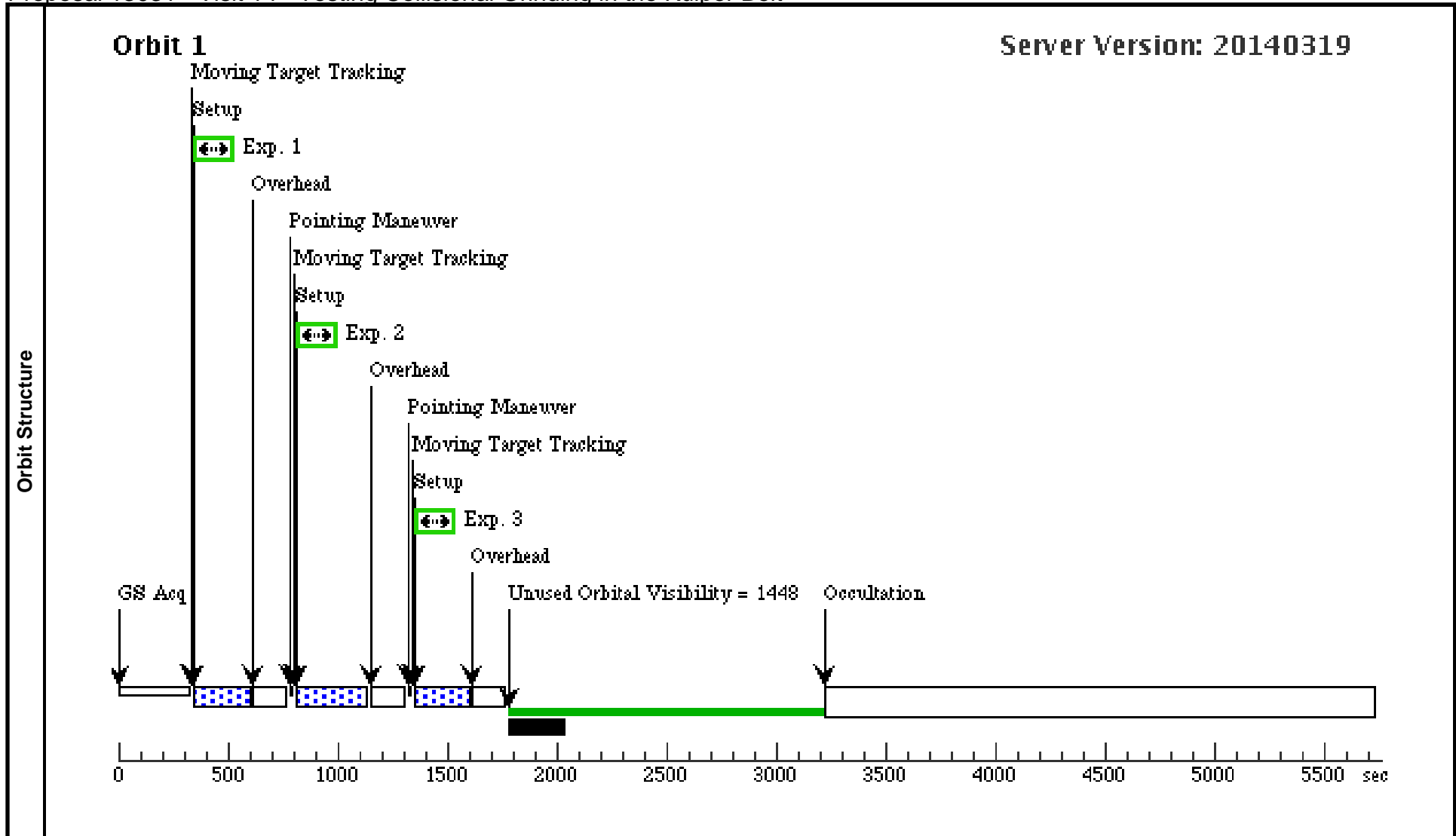
| Visit | Proposal 13031, Visit 13, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|----------------------------|----------------------------------|---------------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (13) | 99DH8 | TYPE=ASTEROID,A=44.270998727000,E=0.075132399191,I=4.523322291400,O=105.033391400000,W=98.554718614000,M=321.419024860000,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 99DH8 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (13) 99DH8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 300 Secs (300 Secs) | |
| | | | | | | | | | [==>] | [1] |
| | 2 | | (13) 99DH8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 390 Secs (390 Secs) | |
| | | | | | | | | [==>] | [1] | |
| 3 | | (13) 99DH8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 300 Secs (300 Secs) | | |
| | | | | | | | | [==>] | [1] | |



Proposal 13031 - Visit 14 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:49 GMT 2014

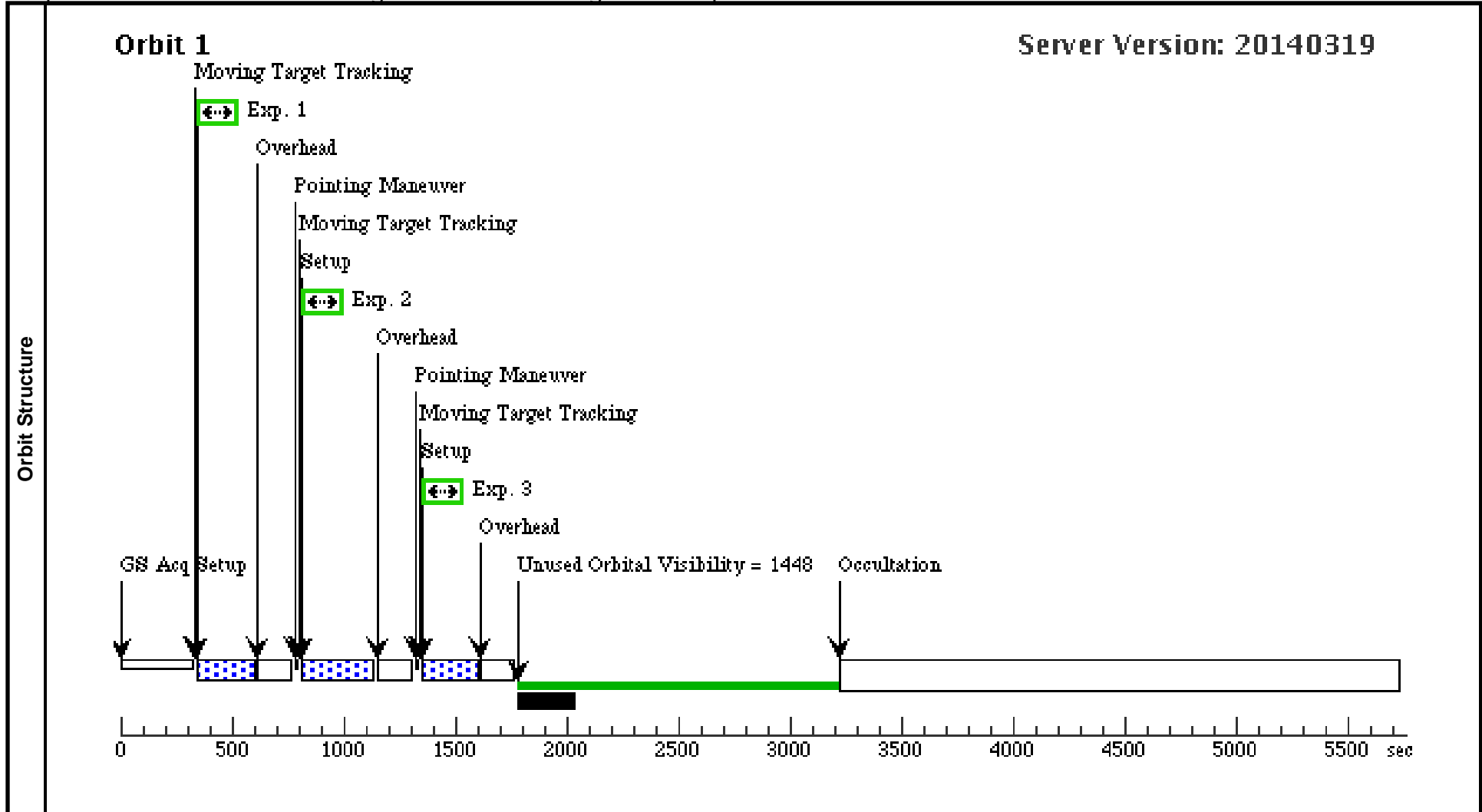
| Visit | Proposal 13031, Visit 14, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|--------------|------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (14) | 99CM153 | TYPE=ASTEROID,A=45.889455661000,E=0.142948275000,I=0.200545285040,O=93.217200821000,W=2.196181698600,M=57.137197998000,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 99CM153 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (14) 99CM153 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (14) 99CM153 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (14) 99CM153 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 15 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:49 GMT 2014

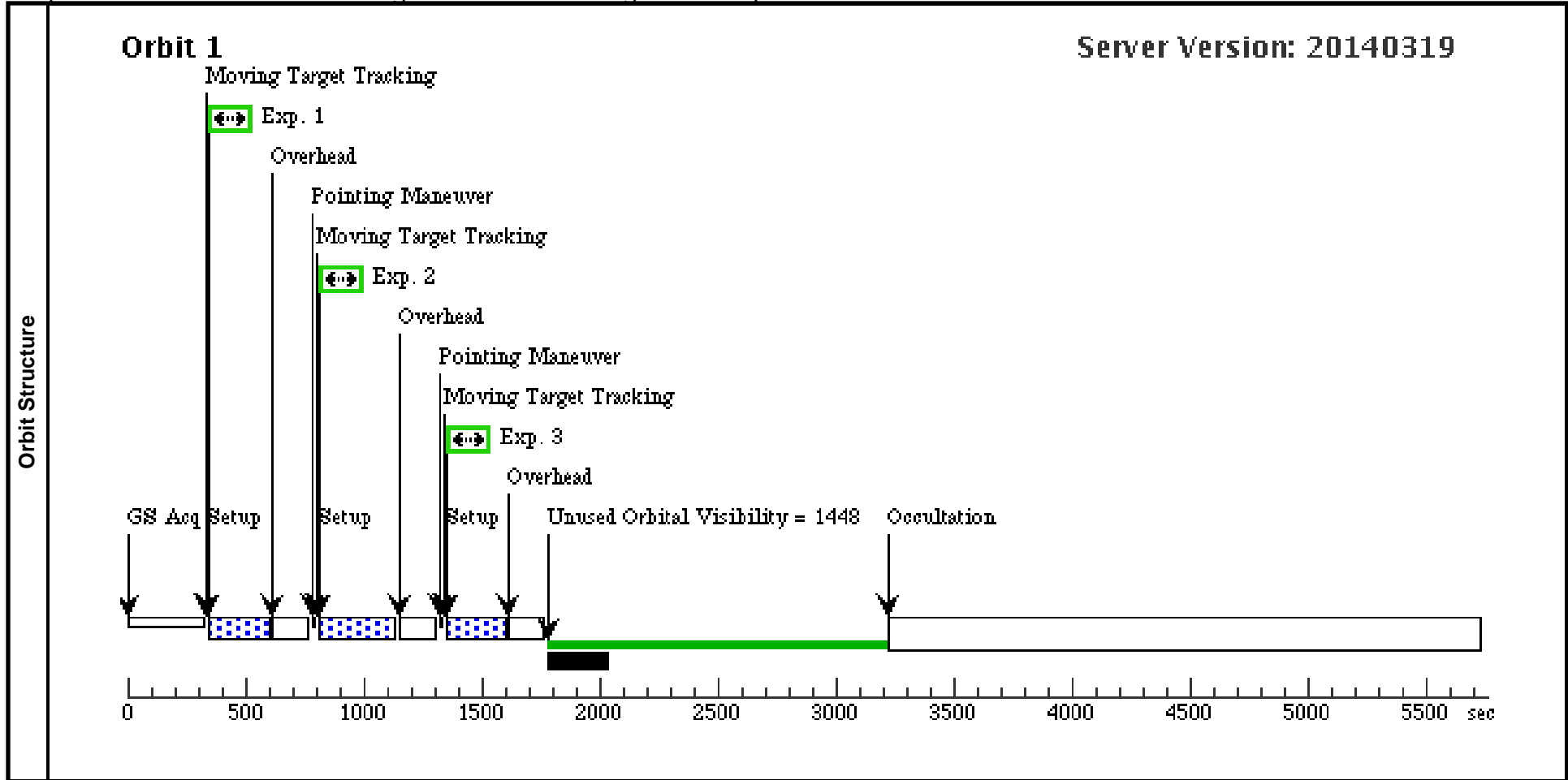
| Visit | Proposal 13031, Visit 15, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (15) | 182926 | TYPE=ASTEROID,A=45.8384419890 00,E=0.145287187210,I=2.195489109 200,O=55.405463101000,W=189.3573 06770000,M=306.676366640000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 182926 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (15) 182926 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (15) 182926 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (15) 182926 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 16 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:49 GMT 2014

| Visit | Proposal 13031, Visit 16, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|--------------|-----------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (16) | 183963 | TYPE=ASTEROID,A=44.433551211000,E=0.101485431670,I=2.444118396000,O=103.099888210000,W=129.955436850000,M=316.022916060000,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 183963 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (16) 183963 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (16) 183963 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (16) 183963 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 17 - Testing Collisional Grinding in the Kuiper Belt

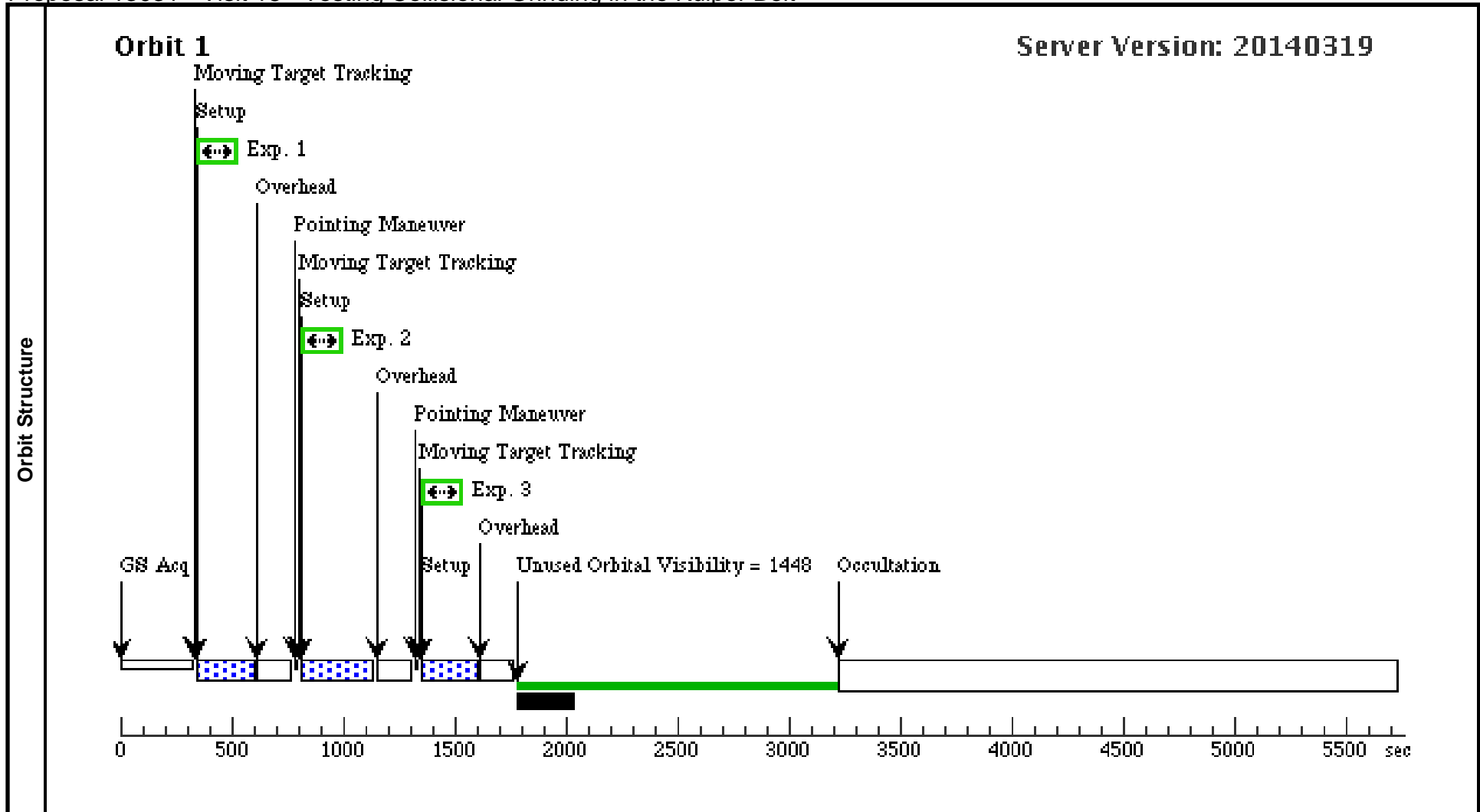
Thu May 15 19:54:49 GMT 2014

| Visit | Proposal 13031, Visit 17, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|--------------|----------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (17) | 94ES2 | TYPE=ASTEROID,A=45.870630206000,E=0.112579889720,I=1.066177935000,O=154.798741090000,W=98.977679851000,M=299.636320020000,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 94ES2 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (17) 94ES2 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (17) 94ES2 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (17) 94ES2 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |

Proposal 13031 - Visit 18 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:49 GMT 2014

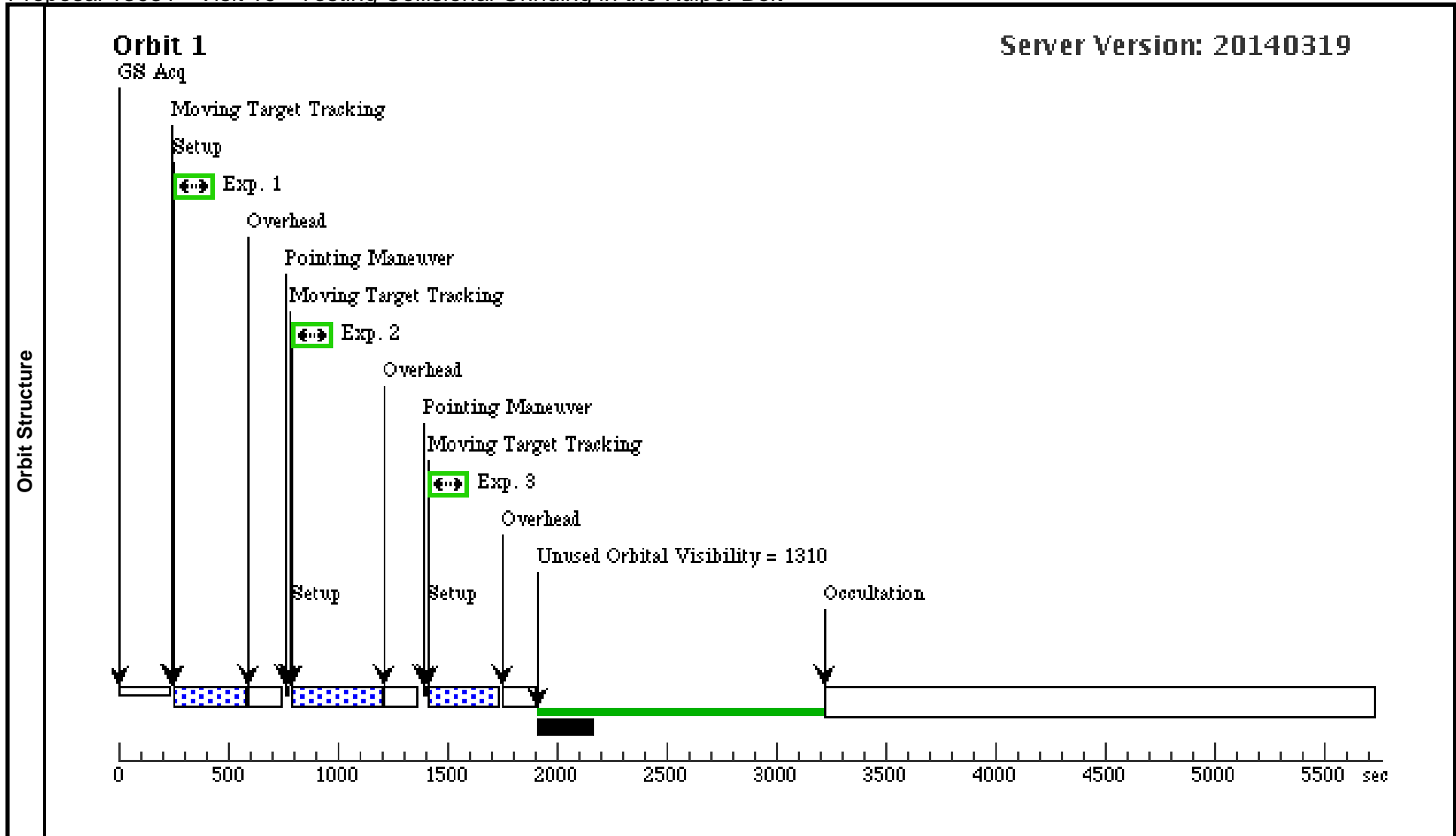
| Visit | Proposal 13031, Visit 18, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|---------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (18) | 03FD128 | TYPE=ASTEROID,A=38.2968268900 00,E=0.022814360992,I=5.302114252 300,O=149.124220330000,W=344.237 282530000,M=46.960716255000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 03FD128 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (18) 03FD128 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (18) 03FD128 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (18) 03FD128 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 19 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:49 GMT 2014

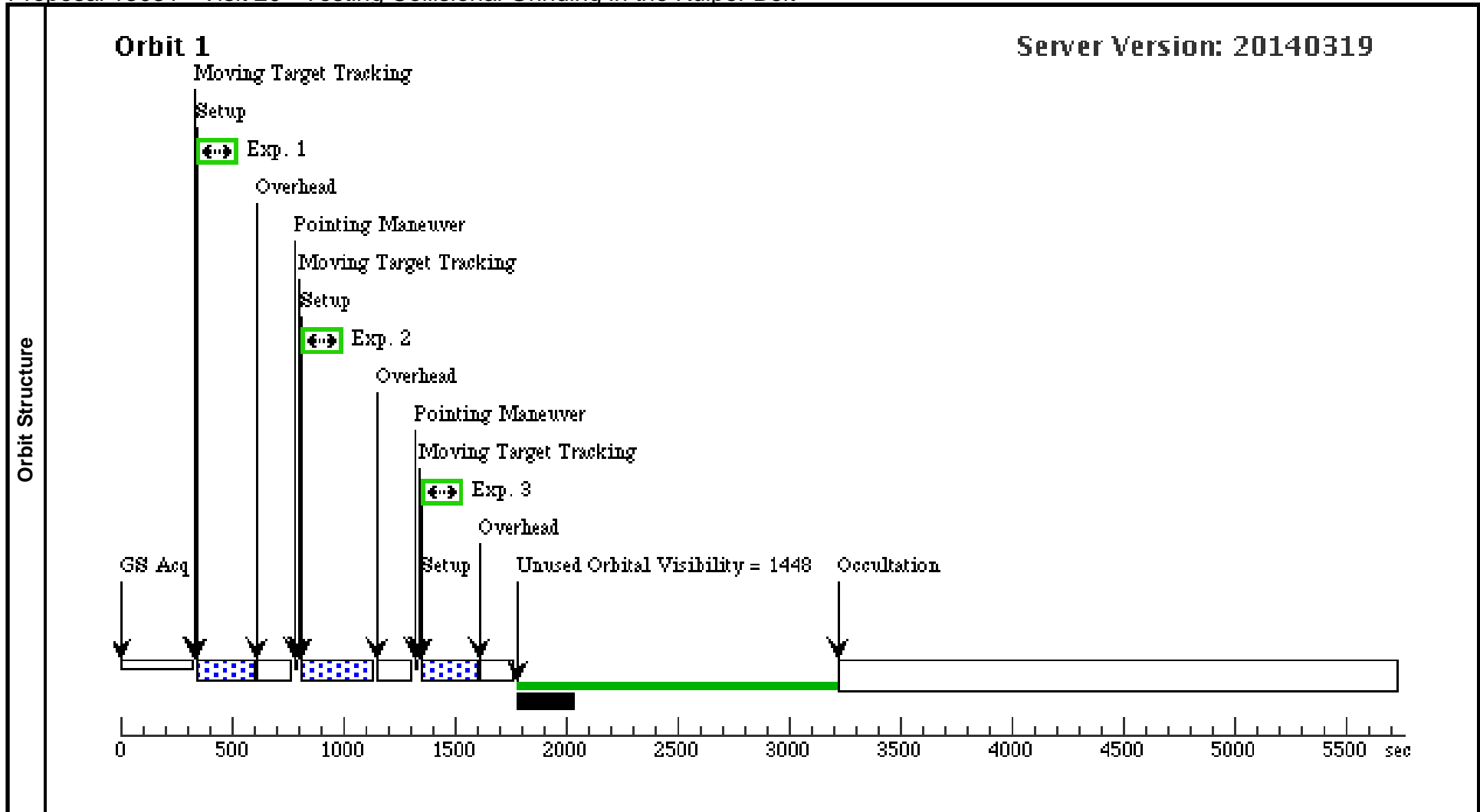
| Visit | Proposal 13031, Visit 19, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (19) | 00FC8 | TYPE=ASTEROID,A=43.9445331680 00,E=0.063431428066,I=0.712807832 220,O=332.463214420000,W=29.2820 38178000,M=200.523029320000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00FC8 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (19) 00FC8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985; GS ACQ SCENARI O SINGLE | | 300 Secs (300 Secs) [==>] | [1] |
| | 2 | | (19) 00FC8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 390 Secs (390 Secs) [==>] | [1] |
| | 3 | | (19) 00FC8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 300 Secs (300 Secs) [==>] | [1] |



Proposal 13031 - Visit 20 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:49 GMT 2014

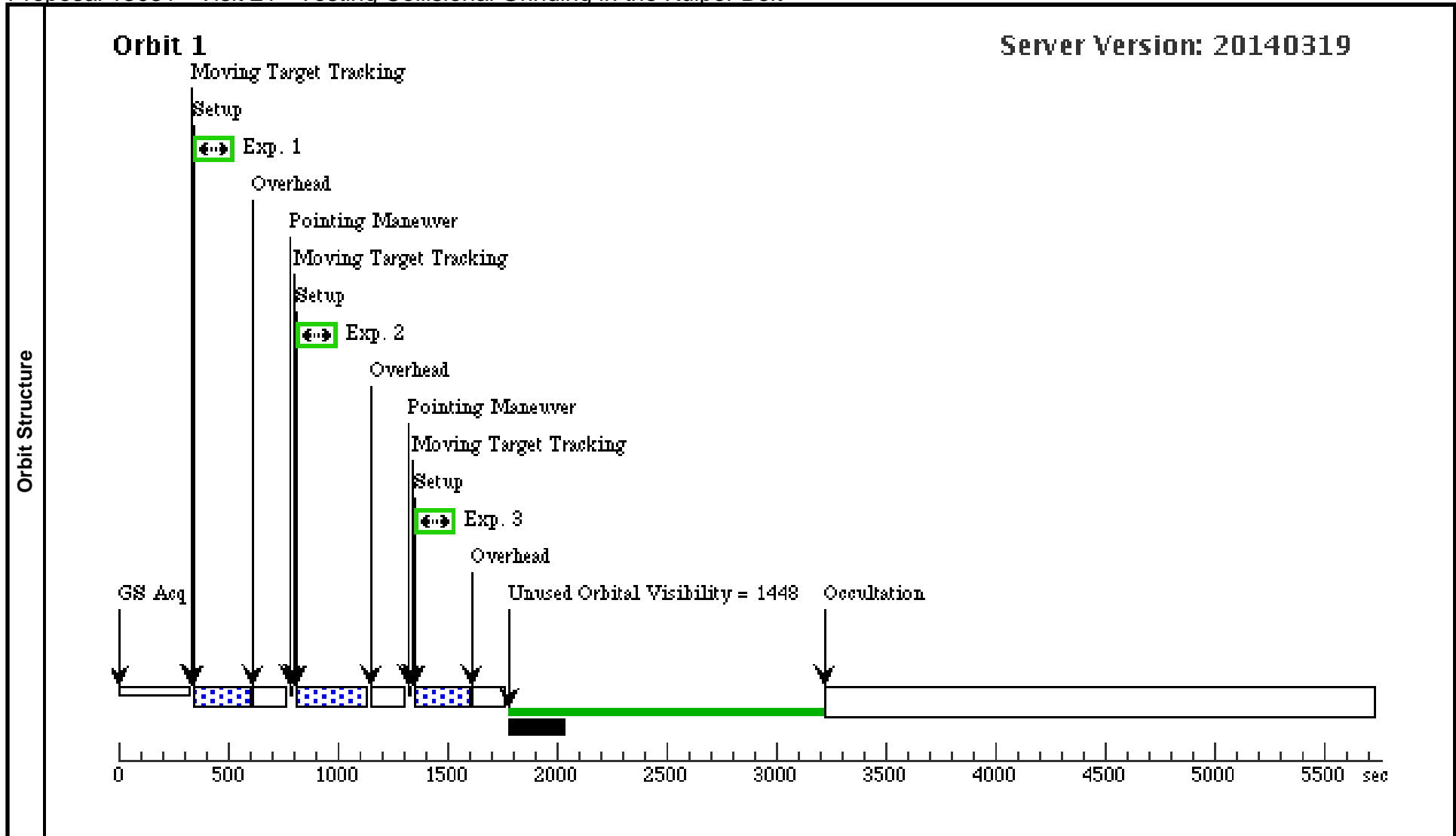
| Visit | Proposal 13031, Visit 20, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|-------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (20) | 00FH8 | TYPE=ASTEROID,A=43.5021389580 00,E=0.034626768584,I=2.066413478 100,O=8.810843074100,W=29.383596 888000,M=162.472491580000,EQUIN OX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00FH8 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (20) 00FH8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (20) 00FH8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (20) 00FH8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 21 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:49 GMT 2014

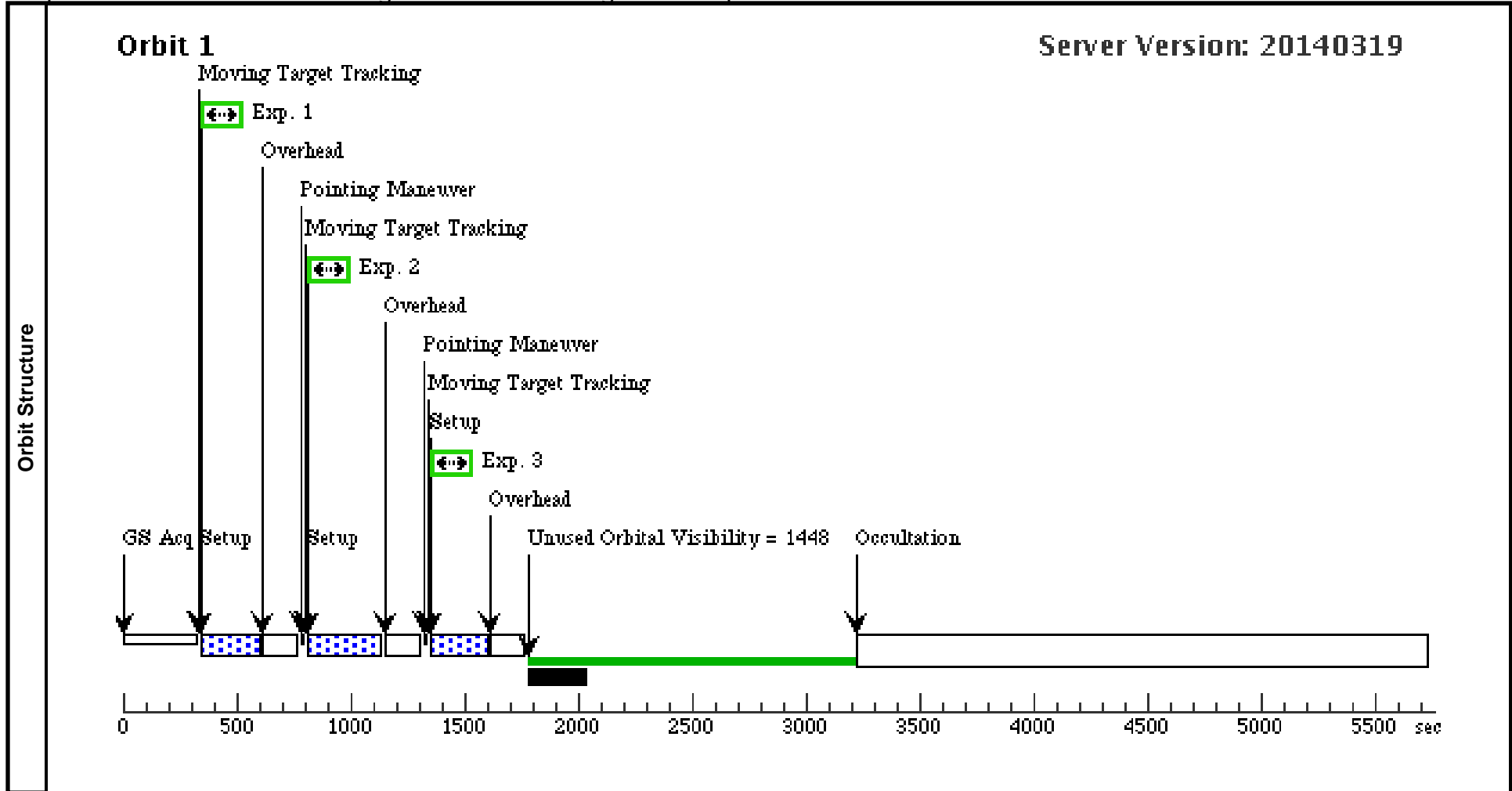
| Visit | Proposal 13031, Visit 21, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|-------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (21) | 00FF8 | TYPE=ASTEROID,A=45.1127732610 00,E=0.096608836742,I=4.464971776 400,O=178.346568730000,W=111.412 050260000,M=282.392467690000,EQ UINOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00FF8 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (21) 00FF8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (21) 00FF8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (21) 00FF8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 22 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:49 GMT 2014

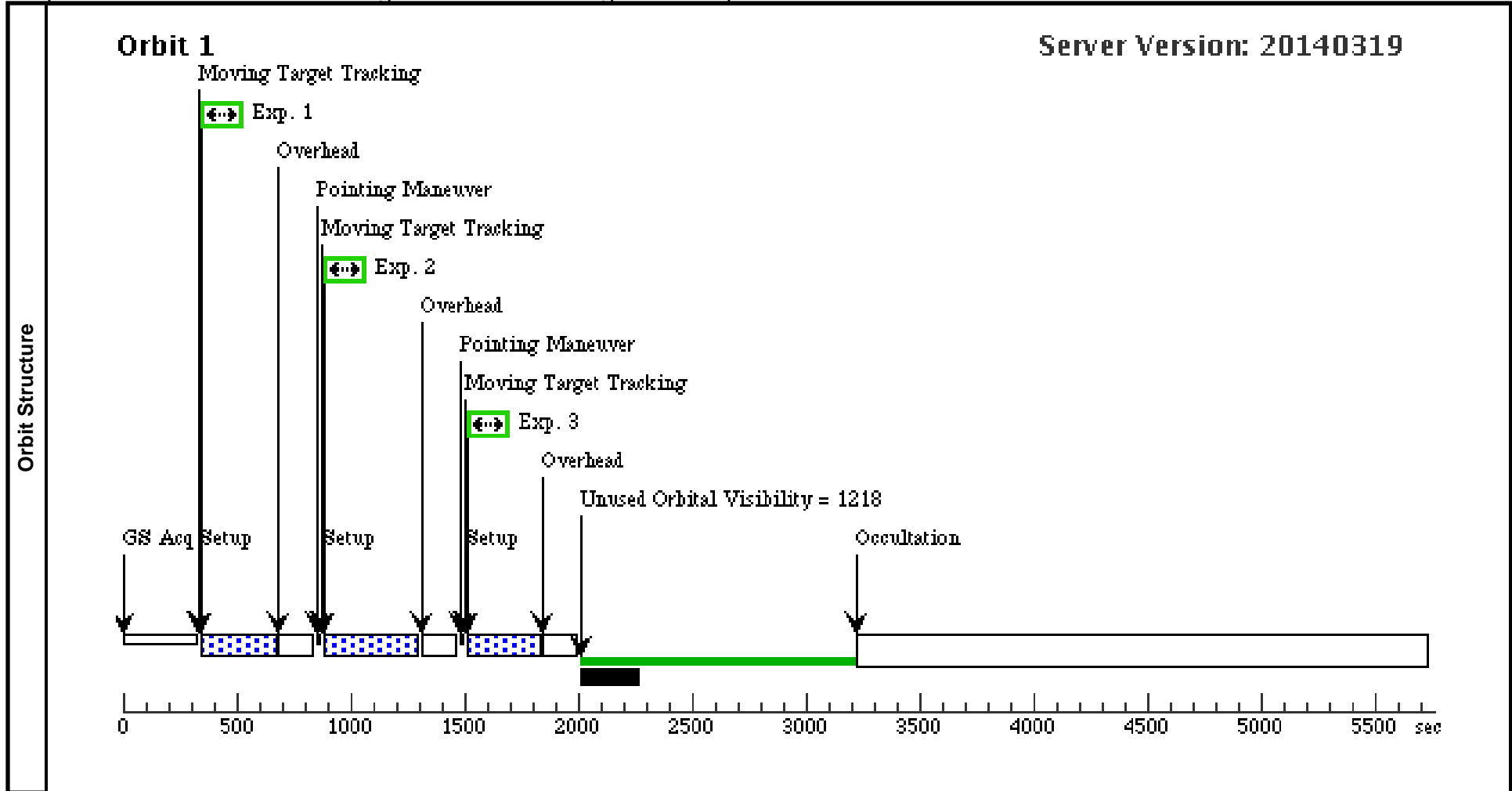
| Visit | Proposal 13031, Visit 22, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|-------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (22) | 00FA8 | TYPE=ASTEROID,A=43.9264251870 00,E=0.029703620465,I=0.755937091 260,O=212.811948560000,W=6.72855 2235900,M=343.495966160000,EQUI NOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00FA8 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (22) 00FA8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (22) 00FA8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (22) 00FA8 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 23 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:49 GMT 2014

| Visit | Proposal 13031, Visit 23, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|---------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (23) | 00GX146 | TYPE=ASTEROID,A=44.1143437600 00,E=0.016257425476,I=0.672863469 510,O=344.575306860000,W=64.1166 19732000,M=155.769706470000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00GX146 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (23) 00GX146 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 300 Secs (300 Secs) [==>] | [1] |
| | 2 | | (23) 00GX146 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 390 Secs (390 Secs) [==>] | [1] |
| | 3 | | (23) 00GX146 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 300 Secs (300 Secs) [==>] | [1] |



Proposal 13031 - Visit 24 - Testing Collisional Grinding in the Kuiper Belt

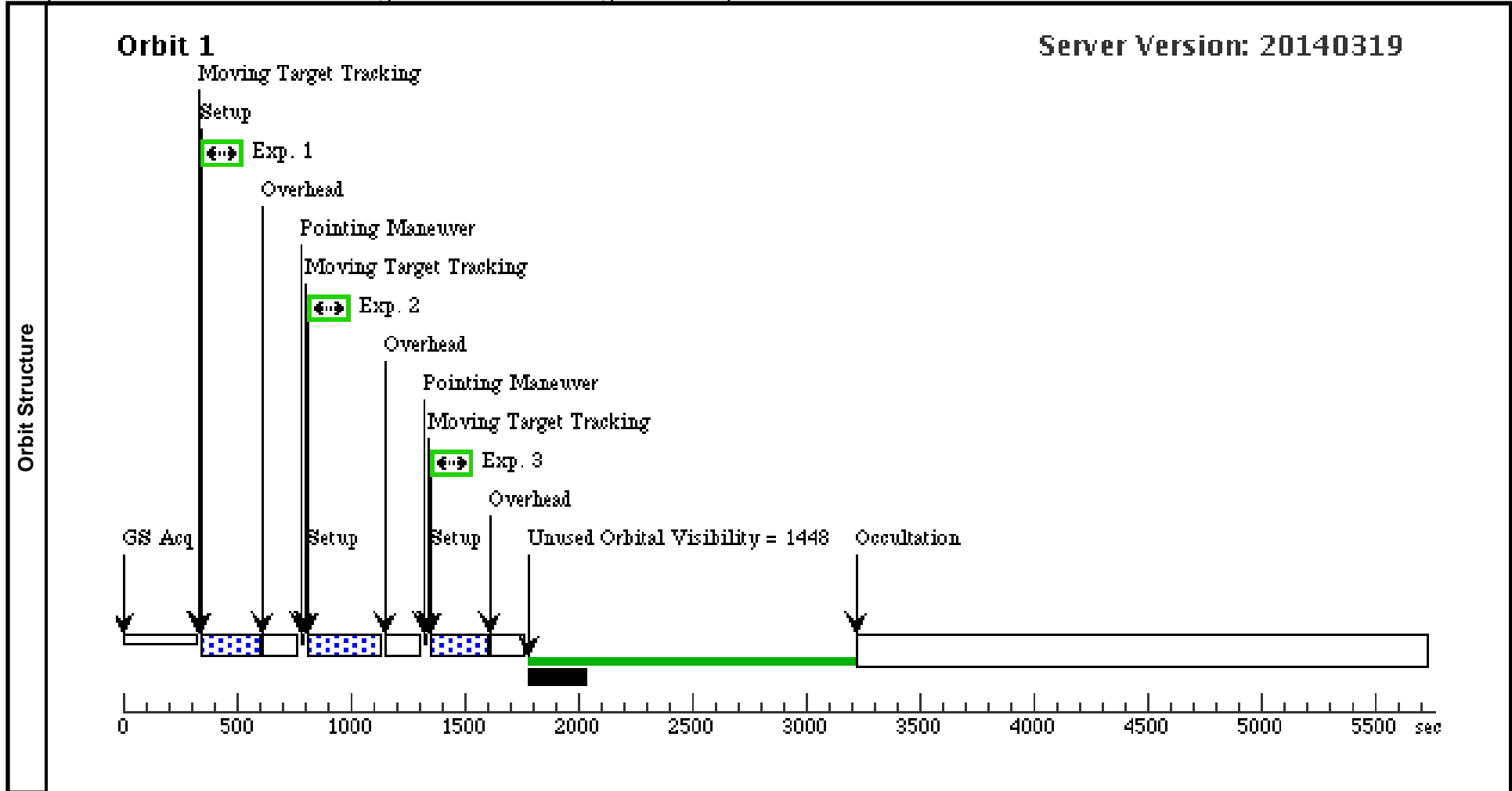
Thu May 15 19:54:49 GMT 2014

| Visit | Proposal 13031, Visit 24, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|---------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (24) | 00GY146 | TYPE=ASTEROID,A=43.9749789050 00,E=0.021379932754,I=2.697811912 700,O=13.483130149000,W=18.79055 6118000,M=172.749989210000,EQUI NOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00GY146 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (24) 00GY146 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 300 Secs (300 Secs) [==>] | [1] |
| | 2 | | (24) 00GY146 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 390 Secs (390 Secs) [==>] | [1] |
| | 3 | | (24) 00GY146 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 300 Secs (300 Secs) [==>] | [1] |

Proposal 13031 - Visit 25 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:50 GMT 2014

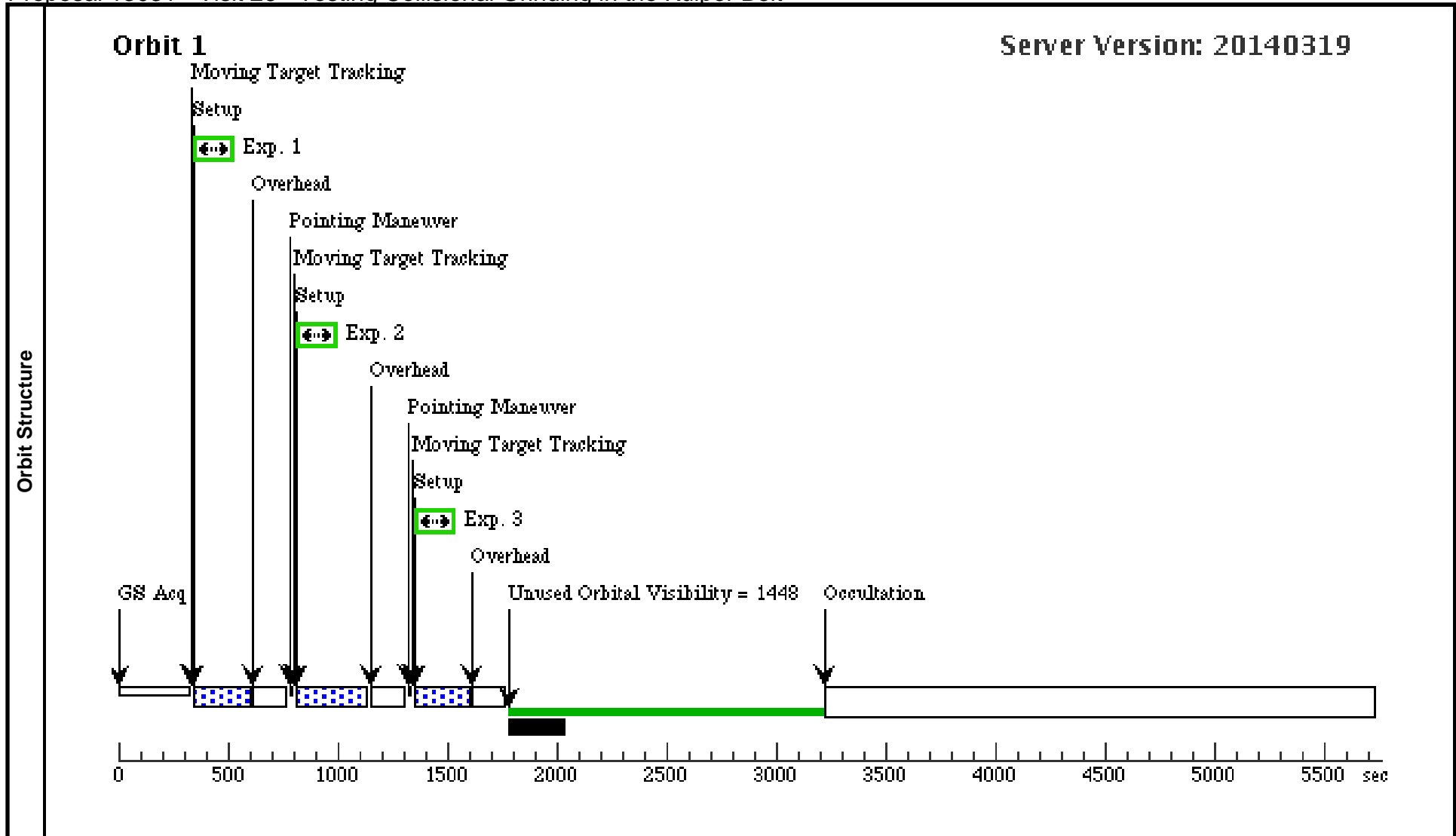
| Visit | Proposal 13031, Visit 25, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|--------------|------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (25) | 03FA130 | TYPE=ASTEROID,A=42.589938118000,E=0.029326968316,I=0.287890641430,O=303.402206470000,W=274.348780980000,M=349.116718000000,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 03FA130 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (25) 03FA130 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (25) 03FA130 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (25) 03FA130 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 26 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:50 GMT 2014

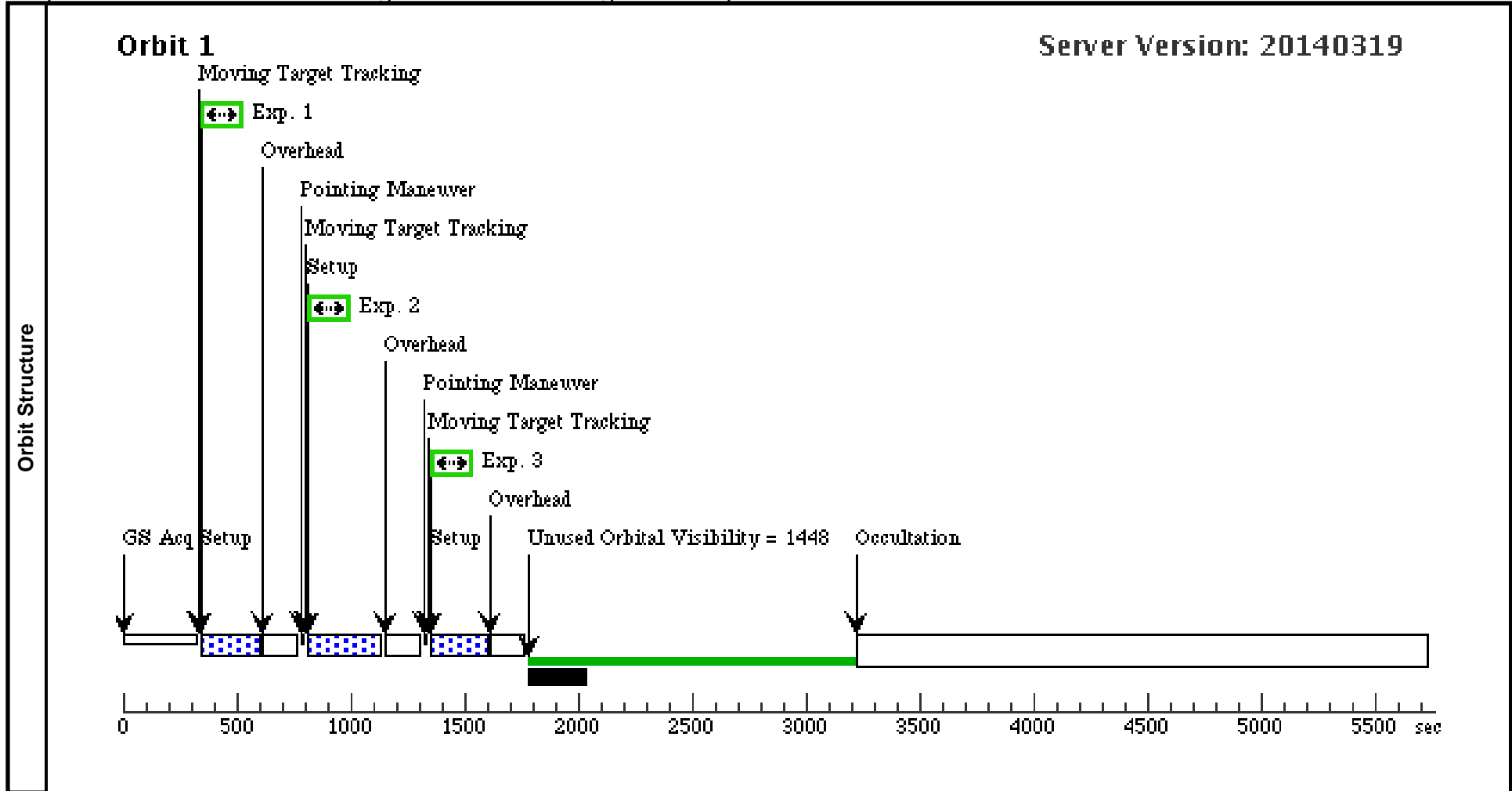
| Visit | Proposal 13031, Visit 26, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (26) | 03HZ56 | TYPE=ASTEROID,A=43.6107614180 00,E=0.012443724215,I=2.551294682 200,O=57.061459448000,W=68.81248 5725000,M=82.308102894000,EQUIN OX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 03HZ56 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (26) 03HZ56 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (26) 03HZ56 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (26) 03HZ56 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 27 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:50 GMT 2014

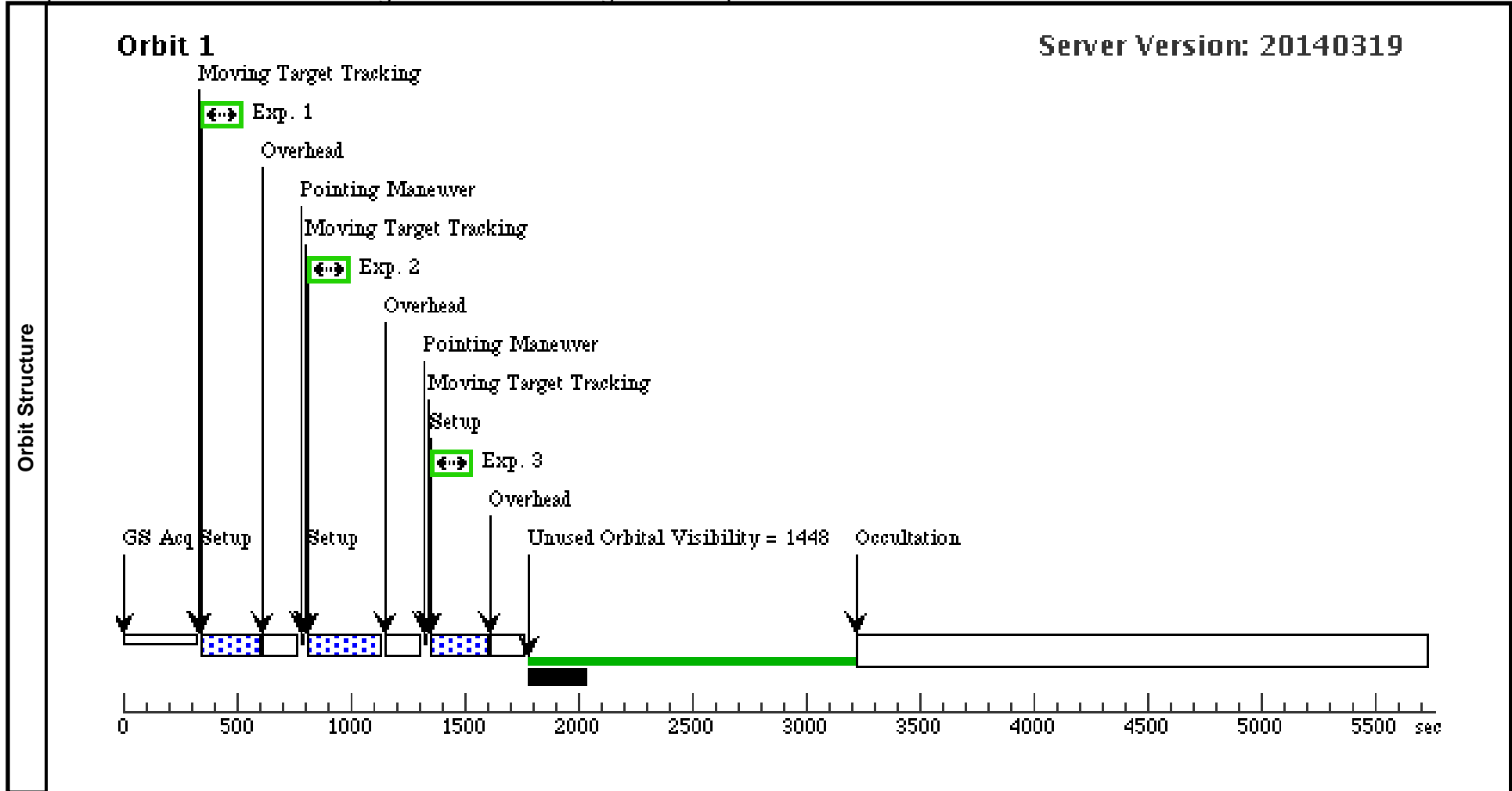
| Visit | Proposal 13031, Visit 27, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|--------------|-----------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (27) | 129772 | TYPE=ASTEROID,A=43.631073101000,E=0.033594614986,I=3.305418619800,O=83.257099656000,W=125.190510840000,M=0.930095676170,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 129772 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (27) 129772 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (27) 129772 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (27) 129772 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 28 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:50 GMT 2014

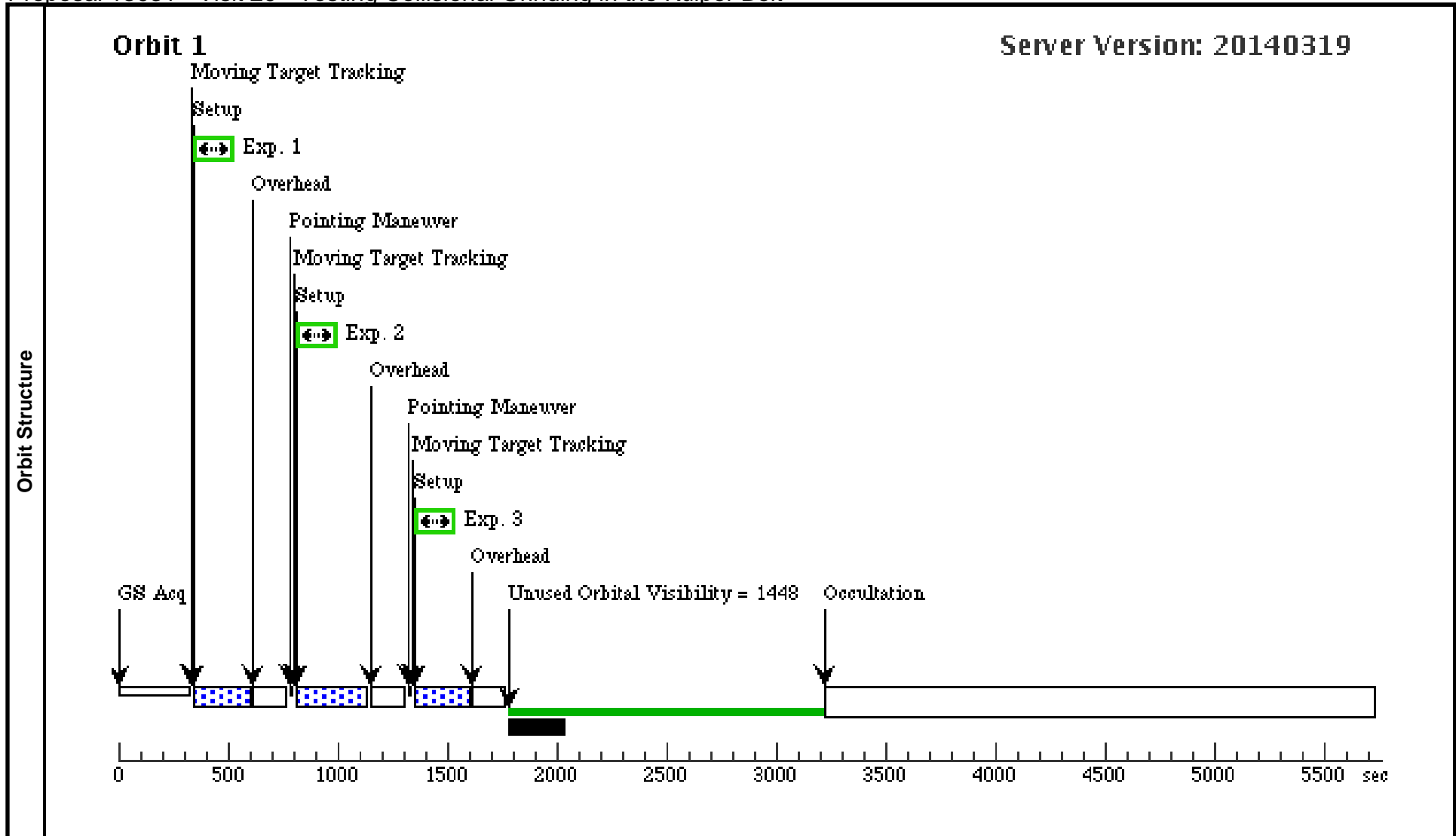
| Visit | Proposal 13031, Visit 28, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|--------------|-----------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (28) | 03HH57 | TYPE=ASTEROID,A=44.014820432000,E=0.088487429451,I=1.435342907600,O=39.098287591000,W=144.689010390000,M=23.685468547000,EQUI NOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 03HH57 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (28) 03HH57 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) | |
| | | | | | | | | | [==>] | [1] |
| | 2 | | (28) 03HH57 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 300 Secs (300 Secs) | |
| | | | | | | | | [==>] | [1] | |
| | 3 | | (28) 03HH57 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) | |
| | | | | | | | | [==>] | [1] | |



Proposal 13031 - Visit 29 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:50 GMT 2014

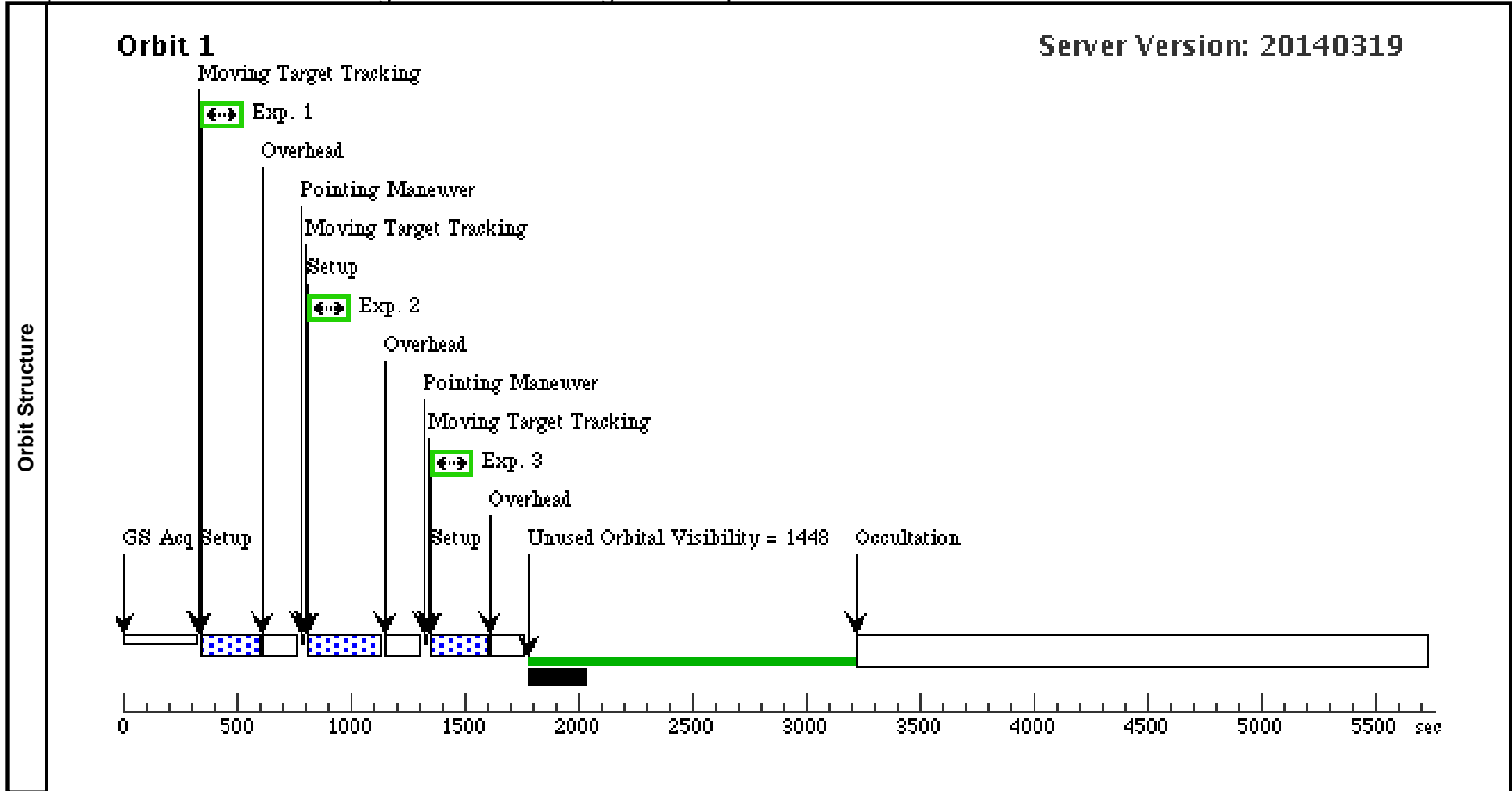
| Visit | Proposal 13031, Visit 29, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|---------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (29) | 01FK185 | TYPE=ASTEROID,A=43.2074532590 00,E=0.038565018348,I=1.170377426 700,O=56.782985015000,W=169.4425 98940000,M=350.779218610000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 01FK185 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (29) 01FK185 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (29) 01FK185 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (29) 01FK185 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 30 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:50 GMT 2014

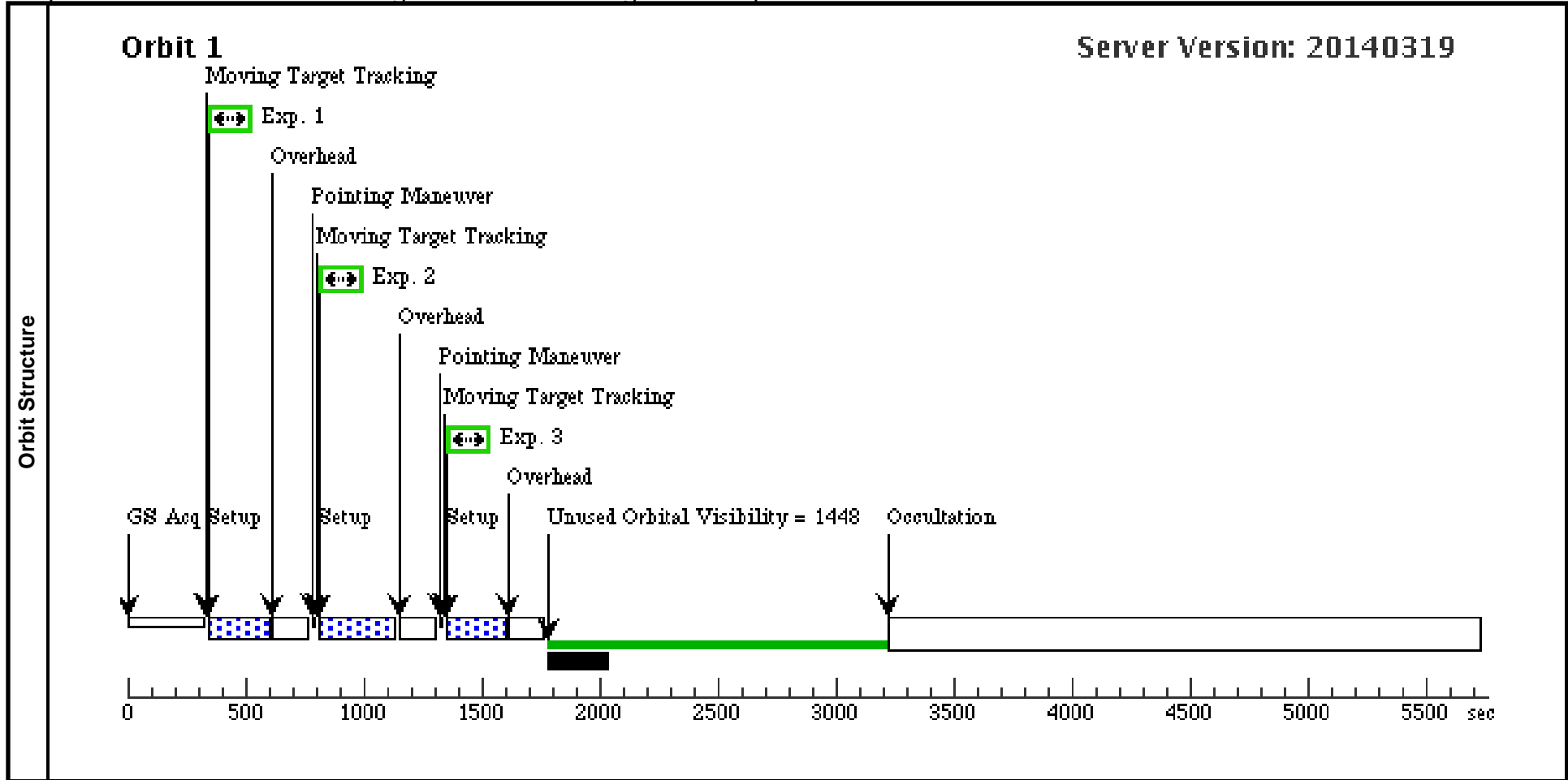
| Visit | Proposal 13031, Visit 30, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|---------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (30) | 00GV146 | TYPE=ASTEROID,A=43.9626369910 00,E=0.067711325278,I=3.678563242 500,O=99.835278562000,W=62.95122 0895000,M=53.447851125000,EQUIN OX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00GV146 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (30) 00GV146 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (30) 00GV146 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (30) 00GV146 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 31 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:50 GMT 2014

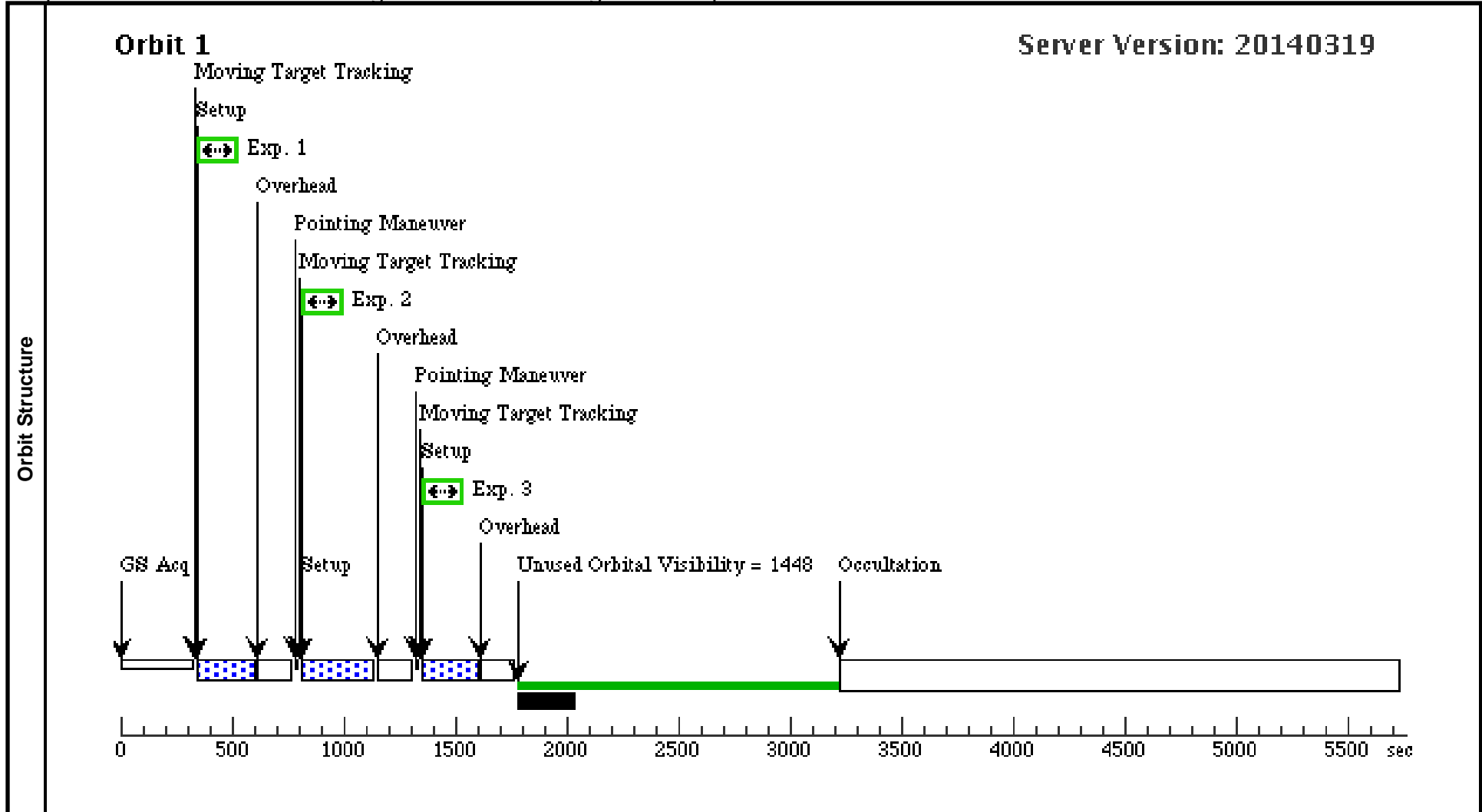
| Visit | Proposal 13031, Visit 31, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (31) | 00FS53 | TYPE=ASTEROID,A=42.9905661780 00,E=0.034407101171,I=2.082895731 900,O=26.019209173000,W=129.5158 52050000,M=65.183785989000,EQUI NOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00FS53 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (31) 00FS53 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (31) 00FS53 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (31) 00FS53 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 32 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:50 GMT 2014

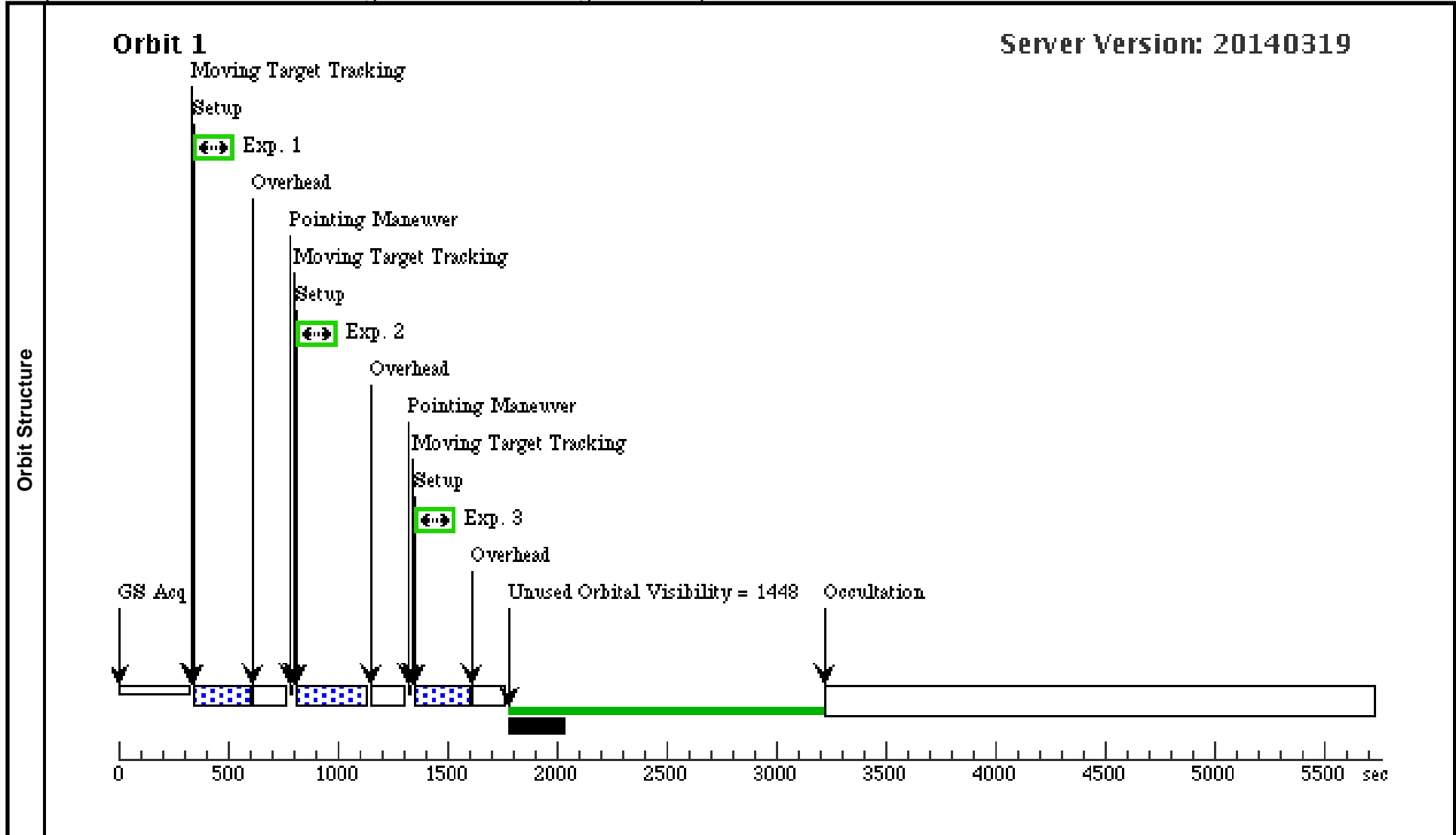
| Visit | Proposal 13031, Visit 32, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (32) | 04HE79 | TYPE=ASTEROID,A=44.1963752250 00,E=0.096018126305,I=3.092281317 600,O=62.813539426000,W=161.7064 46450000,M=12.478265839000,EQUI NOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 04HE79 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (32) 04HE79 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (32) 04HE79 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (32) 04HE79 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 33 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:50 GMT 2014

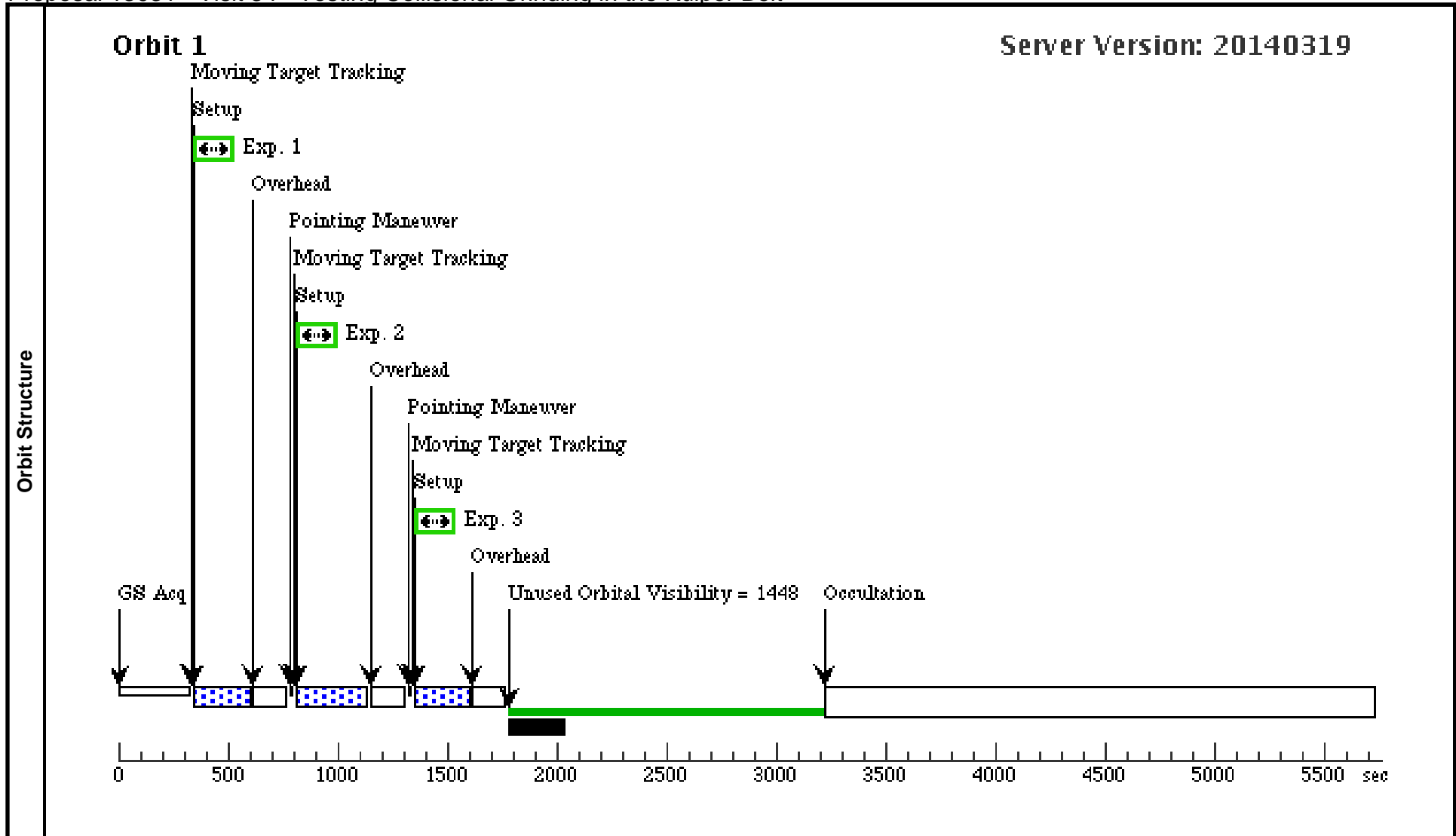
| Visit | Proposal 13031, Visit 33, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------------------------------|-------------------------------|------------------------------|---------------------------------|-------|
| | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| Solar System Targets | (33) | 04KG19 | TYPE=ASTEROID,A=43.1585110860 00,E=0.020166915898,I=0.965245735 600,O=298.628115050000,W=268.602 384520000,M=32.209421548000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | A_VEL 04KG19 FROM EARTH GT 0.0001 | EARTH | | | |
| | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (33) 04KG19 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| 2 | | (33) 04KG19 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] | |
| 3 | | (33) 04KG19 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] | |



Proposal 13031 - Visit 34 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:50 GMT 2014

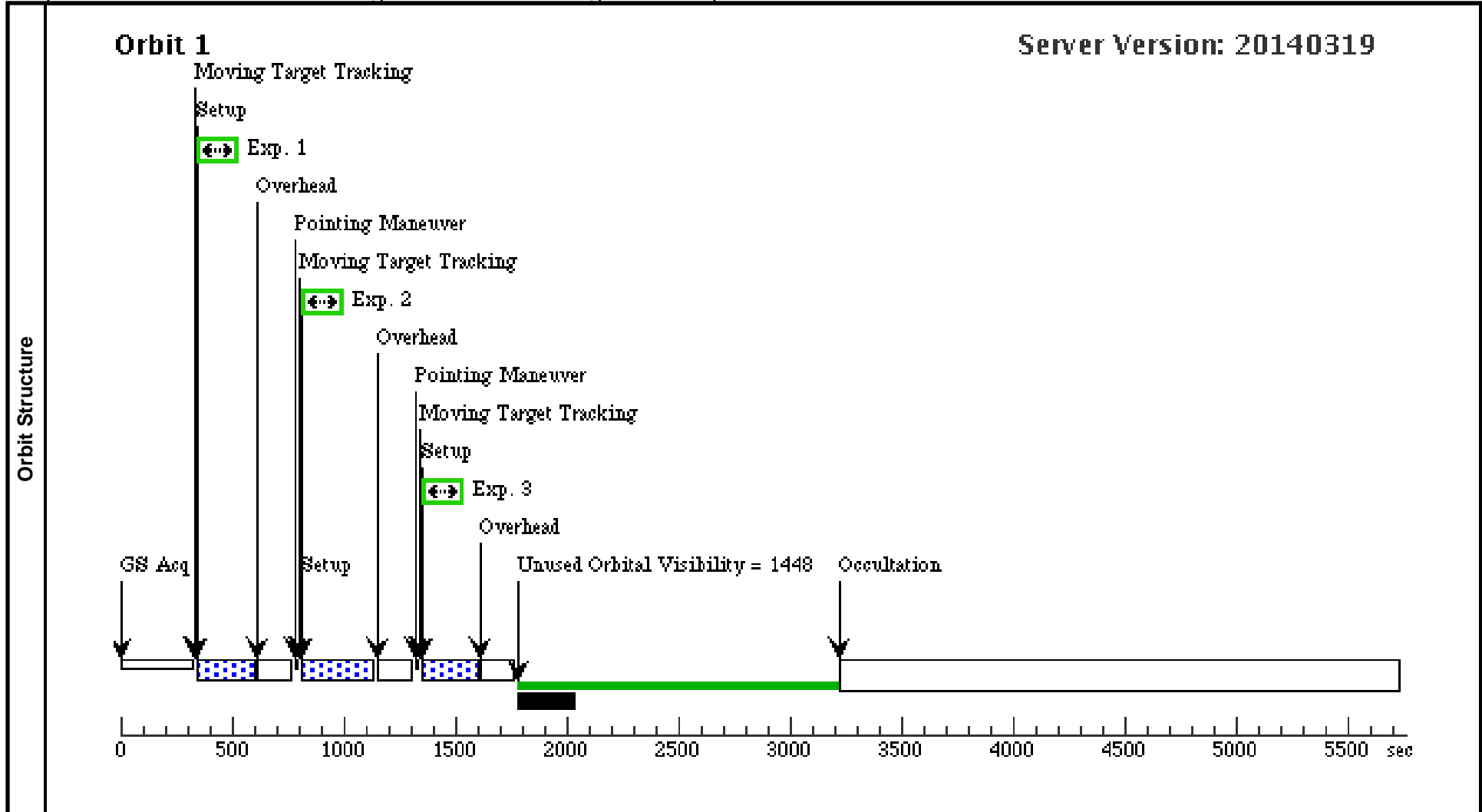
| Visit | Proposal 13031, Visit 34, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (34) | 04HC79 | TYPE=ASTEROID,A=46.2591889220 00,E=0.158574391570,I=1.445878412 300,O=68.462002935000,W=155.7458 75170000,M=13.558435821000,EQUI NOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 04HC79 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (34) 04HC79 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (34) 04HC79 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (34) 04HC79 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 35 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:50 GMT 2014

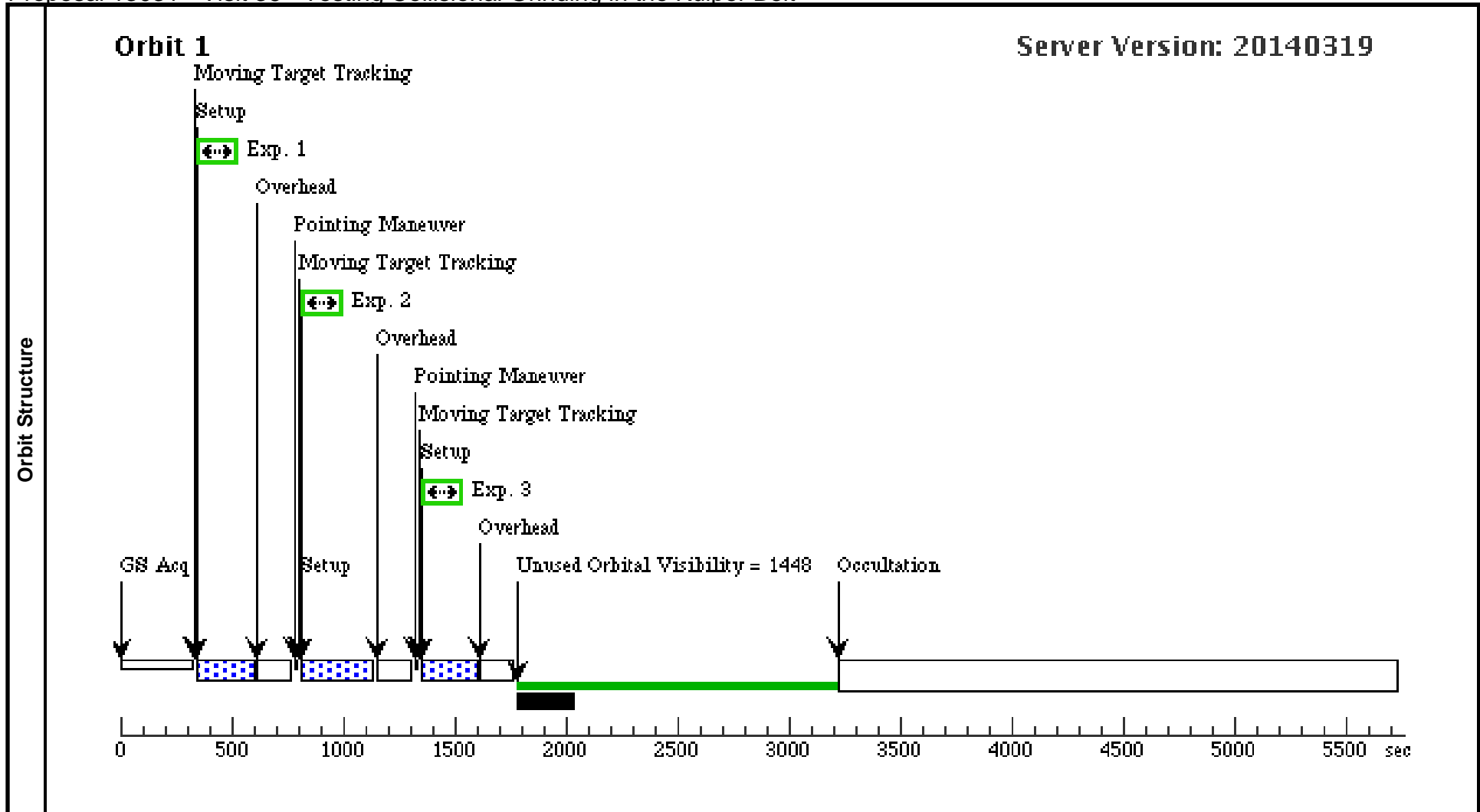
| Visit | Proposal 13031, Visit 35, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (35) | 04KD19 | TYPE=ASTEROID,A=38.1540755310 00,E=0.019886146564,I=2.124635048 500,O=4.628782547000,W=71.046087 667000,M=171.450728700000,EQUIN OX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 04KD19 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (35) 04KD19 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (35) 04KD19 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (35) 04KD19 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 36 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:50 GMT 2014

| Visit | Proposal 13031, Visit 36, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|-------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (36) | 52747 | TYPE=ASTEROID,A=44.2402238970 00,E=0.056964576968,I=0.544284184 200,O=63.921332999000,W=250.9697 41640000,M=308.588571140000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 52747 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (36) 52747 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (36) 52747 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (36) 52747 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 37 - Testing Collisional Grinding in the Kuiper Belt

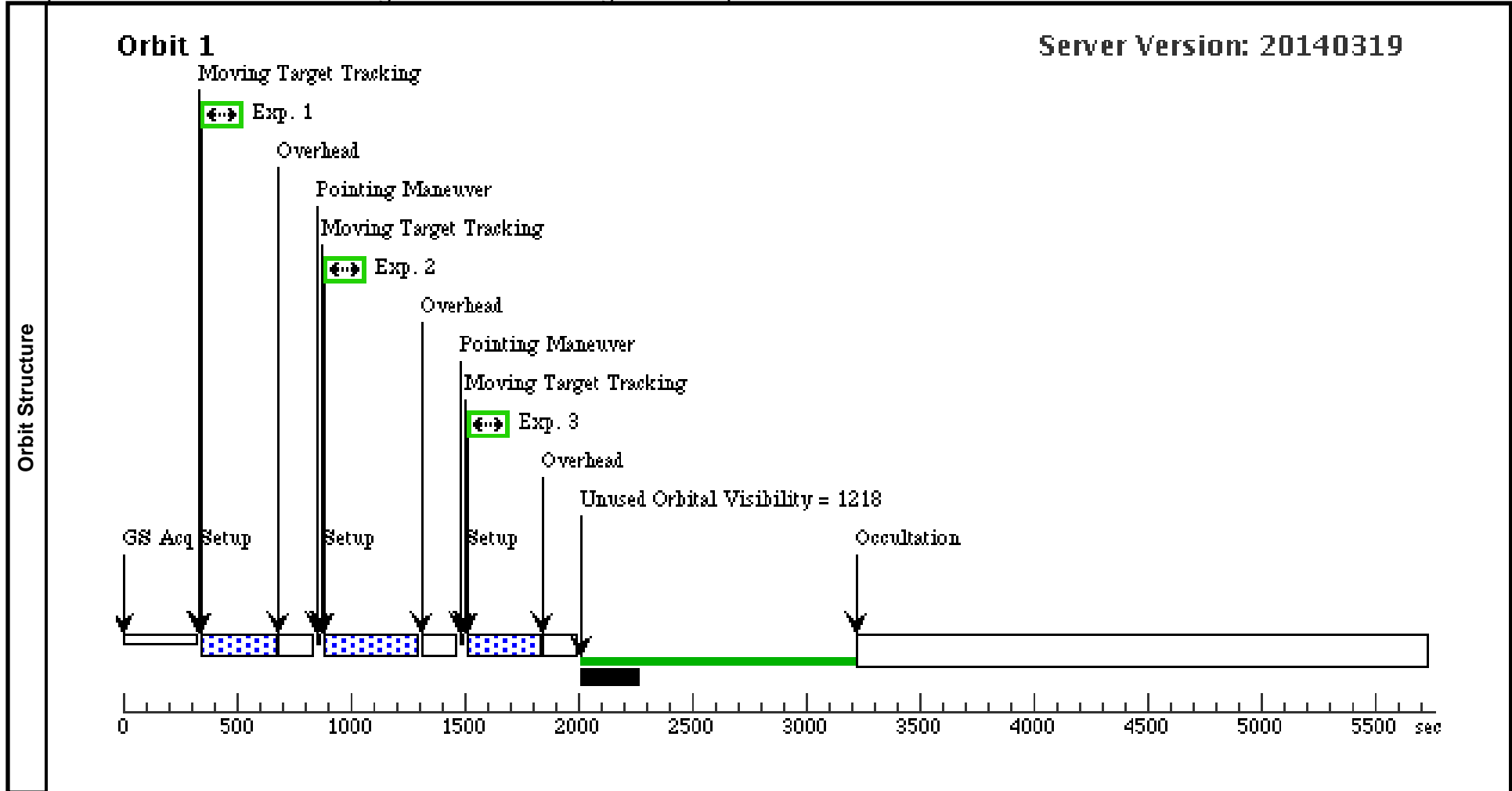
Thu May 15 19:54:50 GMT 2014

| Visit | Proposal 13031, Visit 37, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|-------------------------------|--------------------------------------|------------------------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (37) | 00PG30 | TYPE=ASTEROID,A=45.0467463530 00,E=0.107583835960,I=4.638367624 700,O=130.197562190000,W=297.680 402520000,M=262.673231090000,EQ UINOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00PG30 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (37) 00PG30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 300 Secs (300 Secs) [==>] | [1] |
| 2 | | (37) 00PG30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 390 Secs (390 Secs) [==>] | [1] | |
| 3 | | (37) 00PG30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 300 Secs (300 Secs) [==>] | [1] | |

Proposal 13031 - Visit 38 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:50 GMT 2014

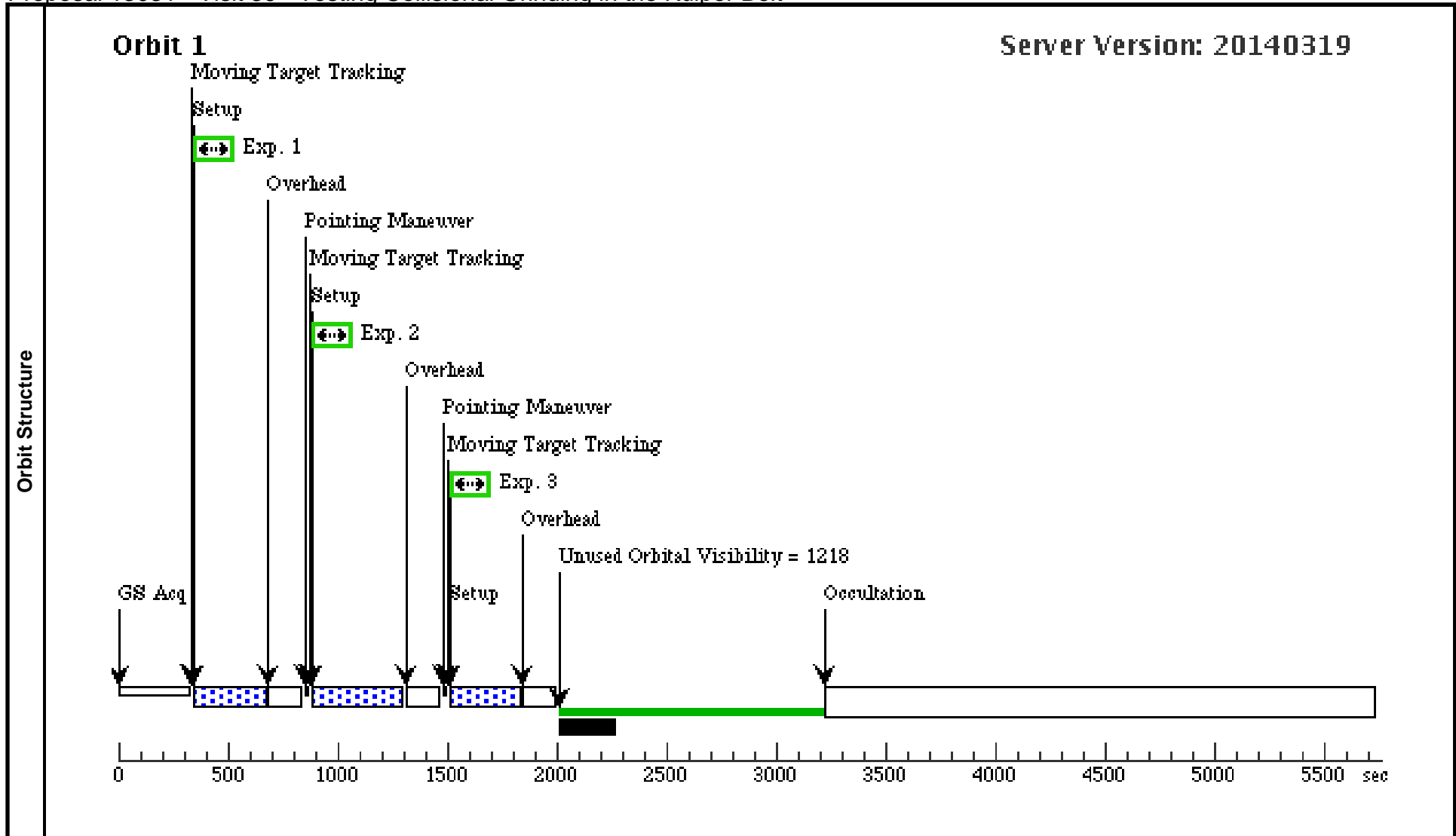
| Visit | Proposal 13031, Visit 38, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|---------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (38) | 00SY370 | TYPE=ASTEROID,A=43.5922077110 00,E=0.045682116432,I=1.832785496 400,O=270.418158750000,W=279.989 185170000,M=124.919161500000,EQ UINOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00SY370 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (38) 00SY370 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 300 Secs (300 Secs) [==>] | [1] |
| | 2 | | (38) 00SY370 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 390 Secs (390 Secs) [==>] | [1] |
| | 3 | | (38) 00SY370 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 300 Secs (300 Secs) [==>] | [1] |



Proposal 13031 - Visit 39 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:50 GMT 2014

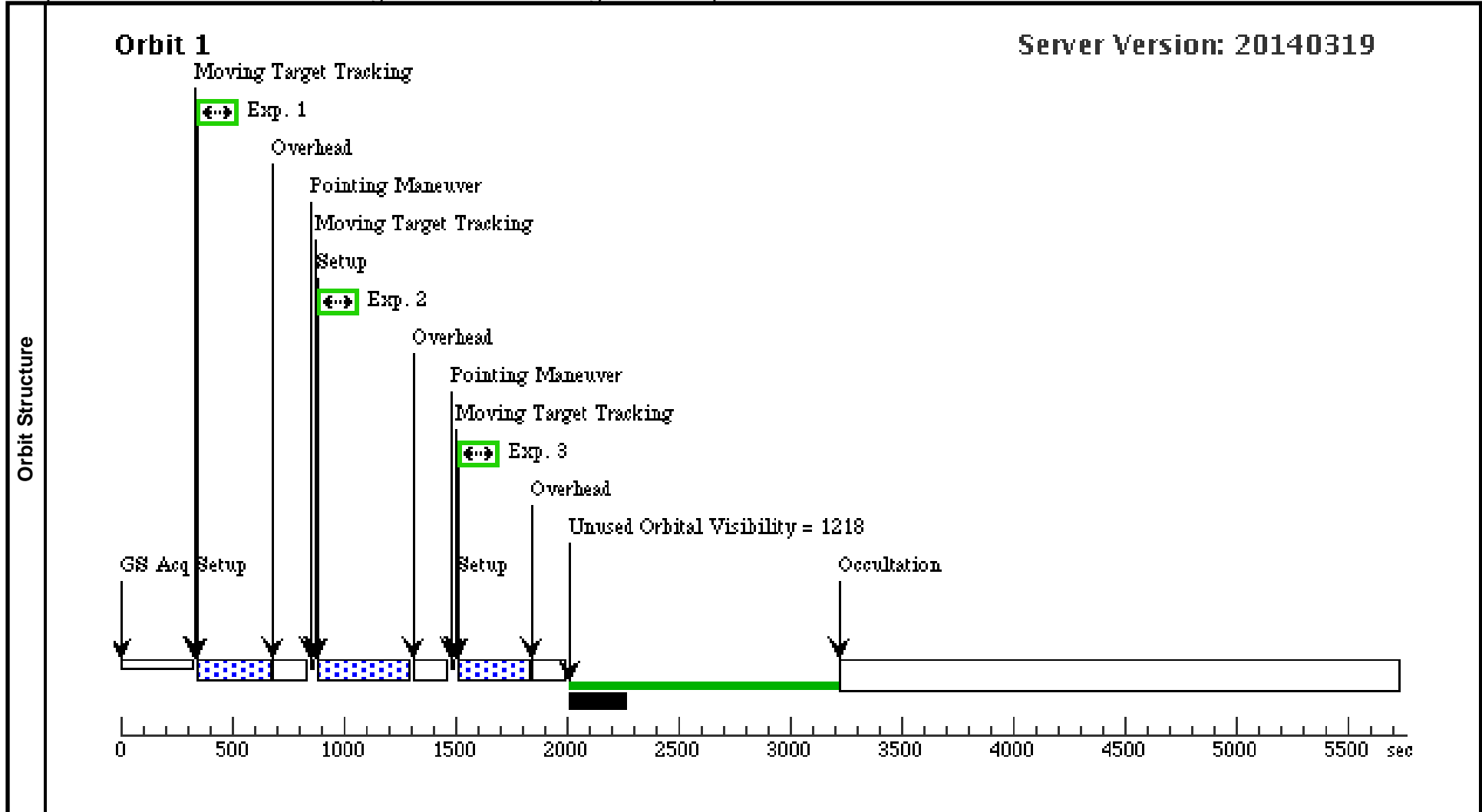
| Visit | Proposal 13031, Visit 39, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (39) | 00PU29 | TYPE=ASTEROID,A=42.3603190430 00,E=0.017961408242,I=0.708147871 520,O=227.527994690000,W=127.442 473810000,M=327.624288140000,EQ UINOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00PU29 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (39) 00PU29 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 300 Secs (300 Secs) [==>] | [1] |
| | 2 | | (39) 00PU29 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 390 Secs (390 Secs) [==>] | [1] |
| | 3 | | (39) 00PU29 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 300 Secs (300 Secs) [==>] | [1] |



Proposal 13031 - Visit 40 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

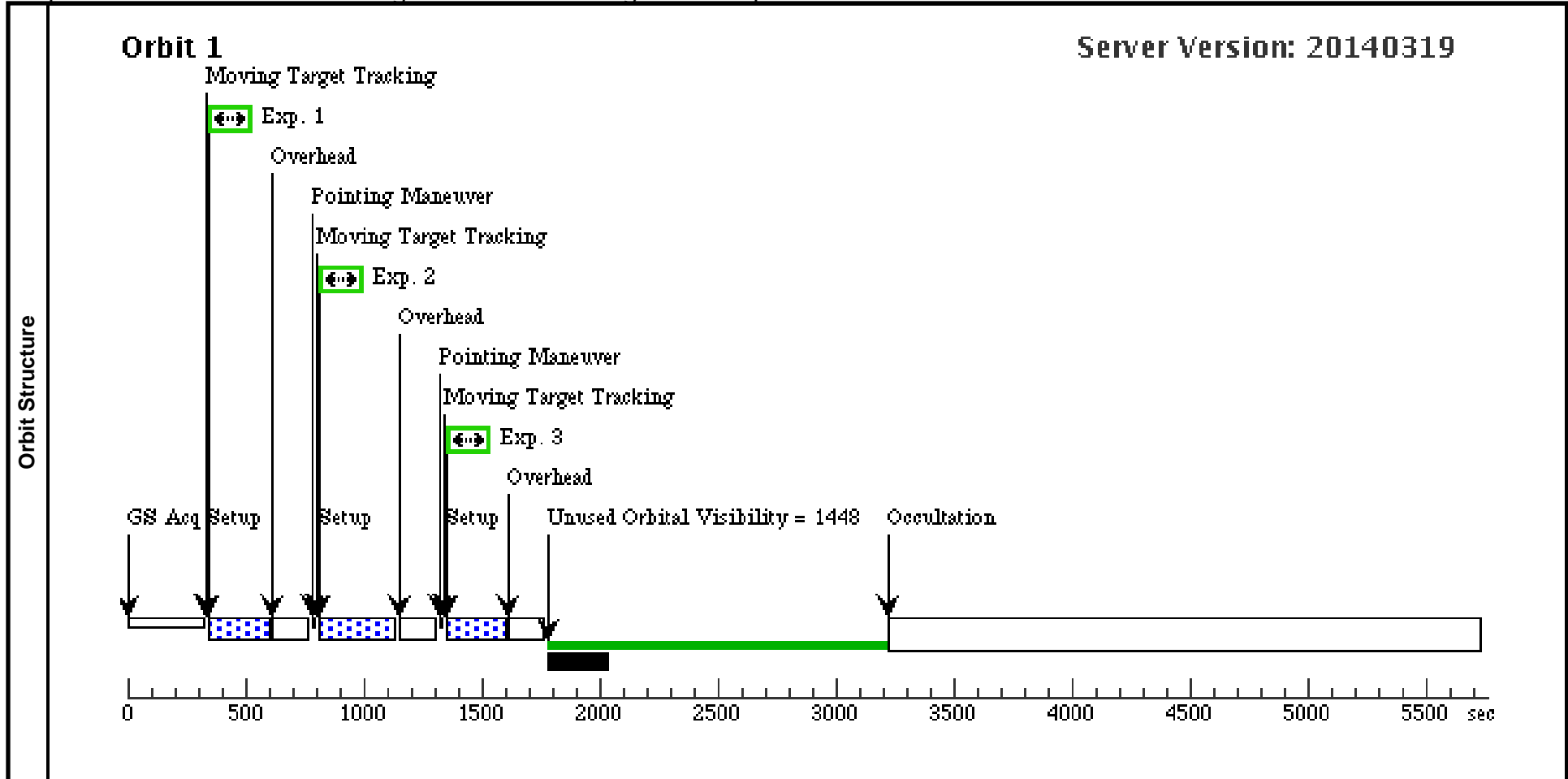
| Visit | Proposal 13031, Visit 40, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (40) | 00PW29 | TYPE=ASTEROID,A=44.0762530050 00,E=0.058274508396,I=1.759088492 400,O=147.991735230000,W=84.7313 94000000,M=82.482408618000,EQUI NOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00PW29 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (40) 00PW29 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 300 Secs (300 Secs) [==>] | [1] |
| | 2 | | (40) 00PW29 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 390 Secs (390 Secs) [==>] | [1] |
| | 3 | | (40) 00PW29 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 300 Secs (300 Secs) [==>] | [1] |



Proposal 13031 - Visit 41 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

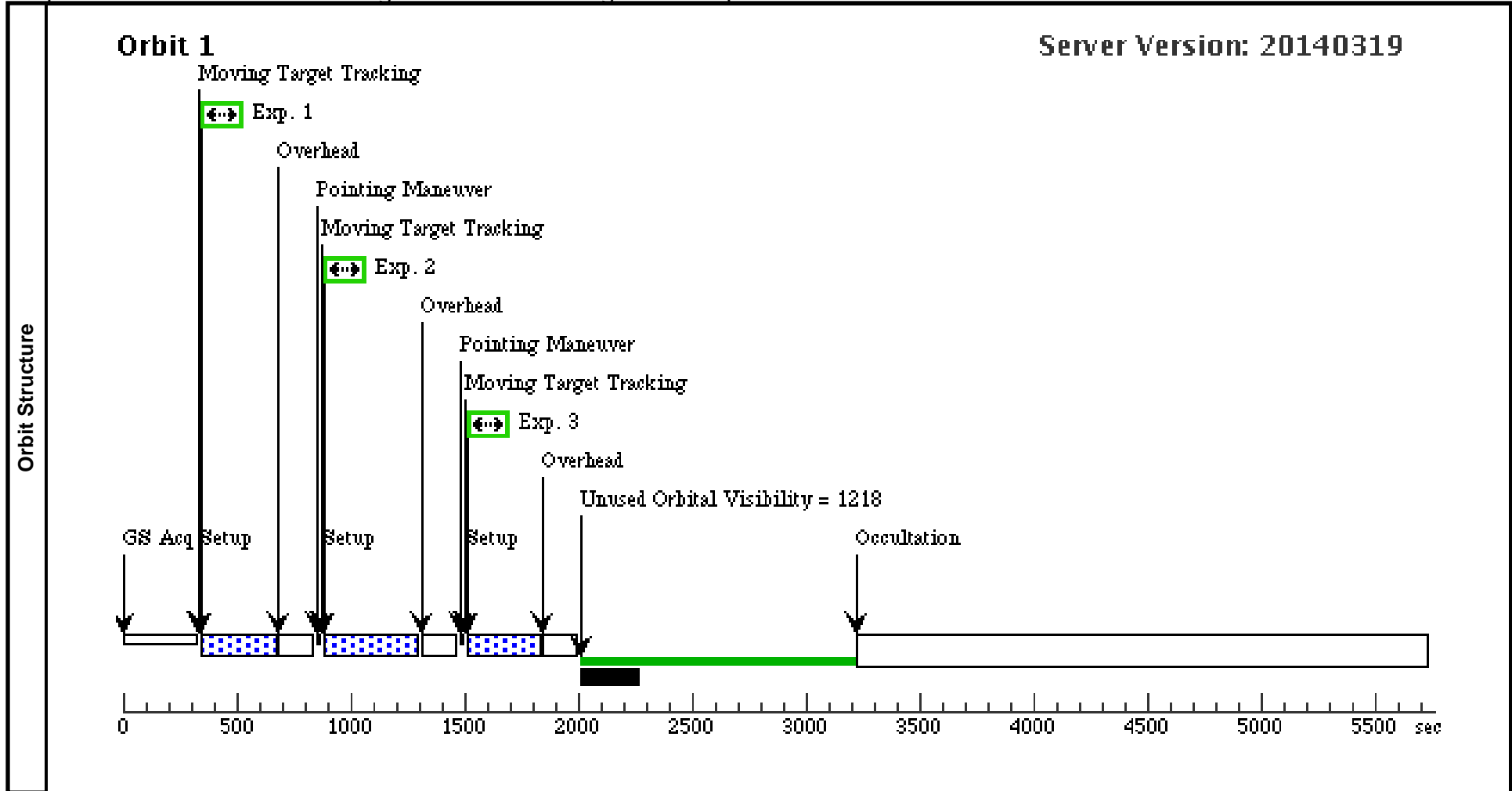
| Visit | Proposal 13031, Visit 41, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (41) | 98KS65 | TYPE=ASTEROID,A=43.6706481590 00,E=0.031404904980,I=1.182691308 300,O=102.637184570000,W=198.571 491170000,M=20.841856494000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 98KS65 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (41) 98KS65 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (41) 98KS65 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (41) 98KS65 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 42 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

| Visit | Proposal 13031, Visit 42, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|----------------------------|----------------------------------|---------------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (42) | 99OG4 | TYPE=ASTEROID,A=46.887501309000,E=0.132681715350,I=1.420698886700,O=111.324886190000,W=101.108272080000,M=102.111693900000,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 99OG4 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (42) 99OG4 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 300 Secs (300 Secs) | |
| | | | | | | | | | [==>] | [1] |
| | 2 | | (42) 99OG4 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 390 Secs (390 Secs) | |
| | | | | | | | | [==>] | [1] | |
| 3 | | (42) 99OG4 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 300 Secs (300 Secs) | | |
| | | | | | | | | [==>] | [1] | |



Proposal 13031 - Visit 43 - Testing Collisional Grinding in the Kuiper Belt

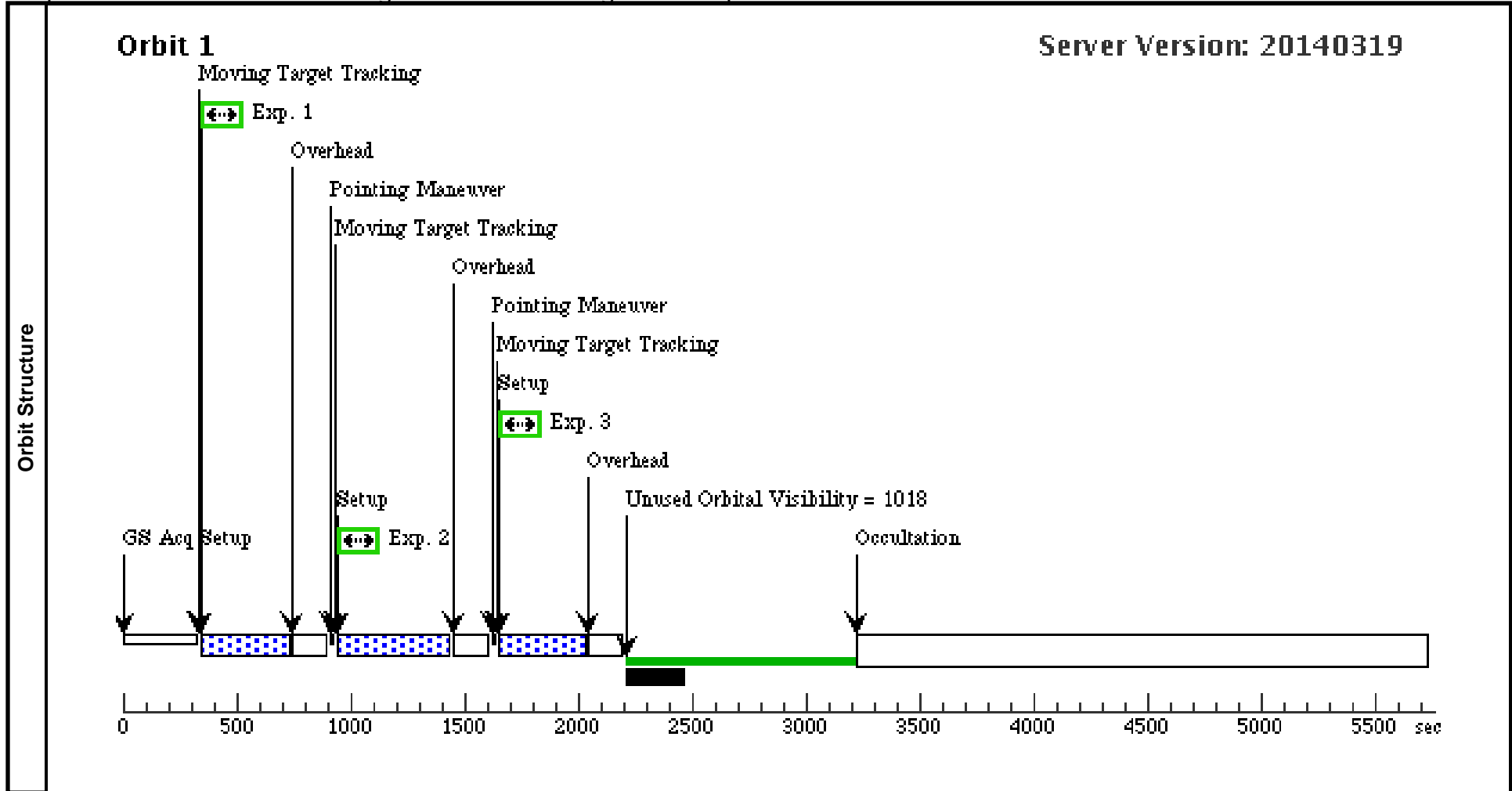
Thu May 15 19:54:51 GMT 2014

| Visit | Proposal 13031, Visit 43, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------------------------------|-------------------------------|------------------------------|---------------------------------|-------|
| | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | | |
| Solar System Targets | (43) | 00PM30 | TYPE=ASTEROID,A=43.9326623640 00,E=0.057656639877,I=2.283385360 500,O=129.800684120000,W=61.2201 93313000,M=137.141935260000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | A_VEL 00PM30 FROM EARTH GT 0.0001 | EARTH | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (43) 00PM30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 300 Secs (300 Secs) [==>] | [1] |
| 2 | | (43) 00PM30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 390 Secs (390 Secs) [==>] | [1] | |
| 3 | | (43) 00PM30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 300 Secs (300 Secs) [==>] | [1] | |

Proposal 13031 - Visit 44 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

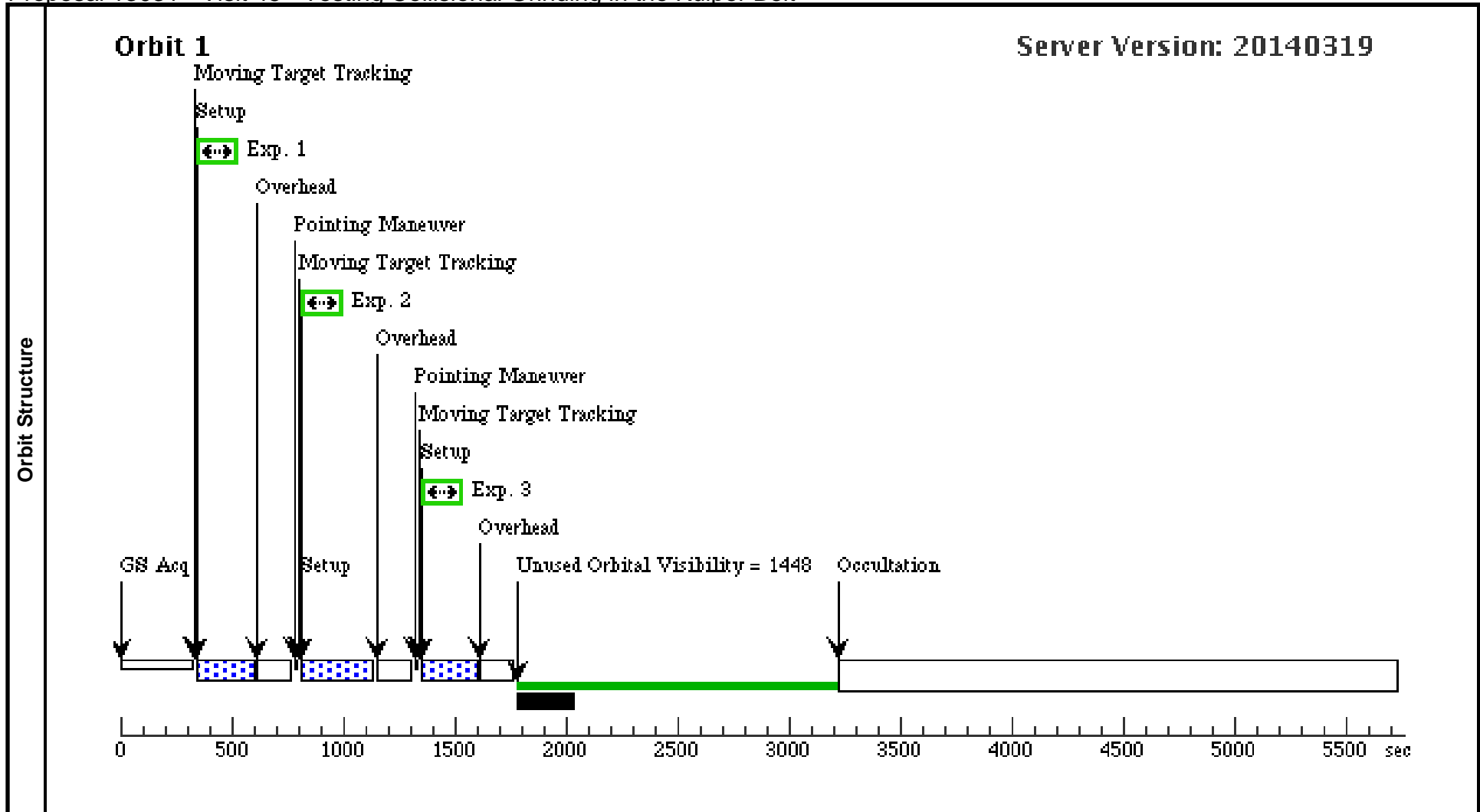
| Visit | Proposal 13031, Visit 44, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (44) | 00PA30 | TYPE=ASTEROID,A=46.9604658450 00,E=0.136966651190,I=0.424367696 720,O=324.850538290000,W=290.046 614180000,M=63.596249243000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00PA30 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (44) 00PA30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 360 Secs (360 Secs) [==>] | [1] |
| | 2 | | (44) 00PA30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 470 Secs (470 Secs) [==>] | [1] |
| | 3 | | (44) 00PA30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 360 Secs (360 Secs) [==>] | [1] |



Proposal 13031 - Visit 45 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

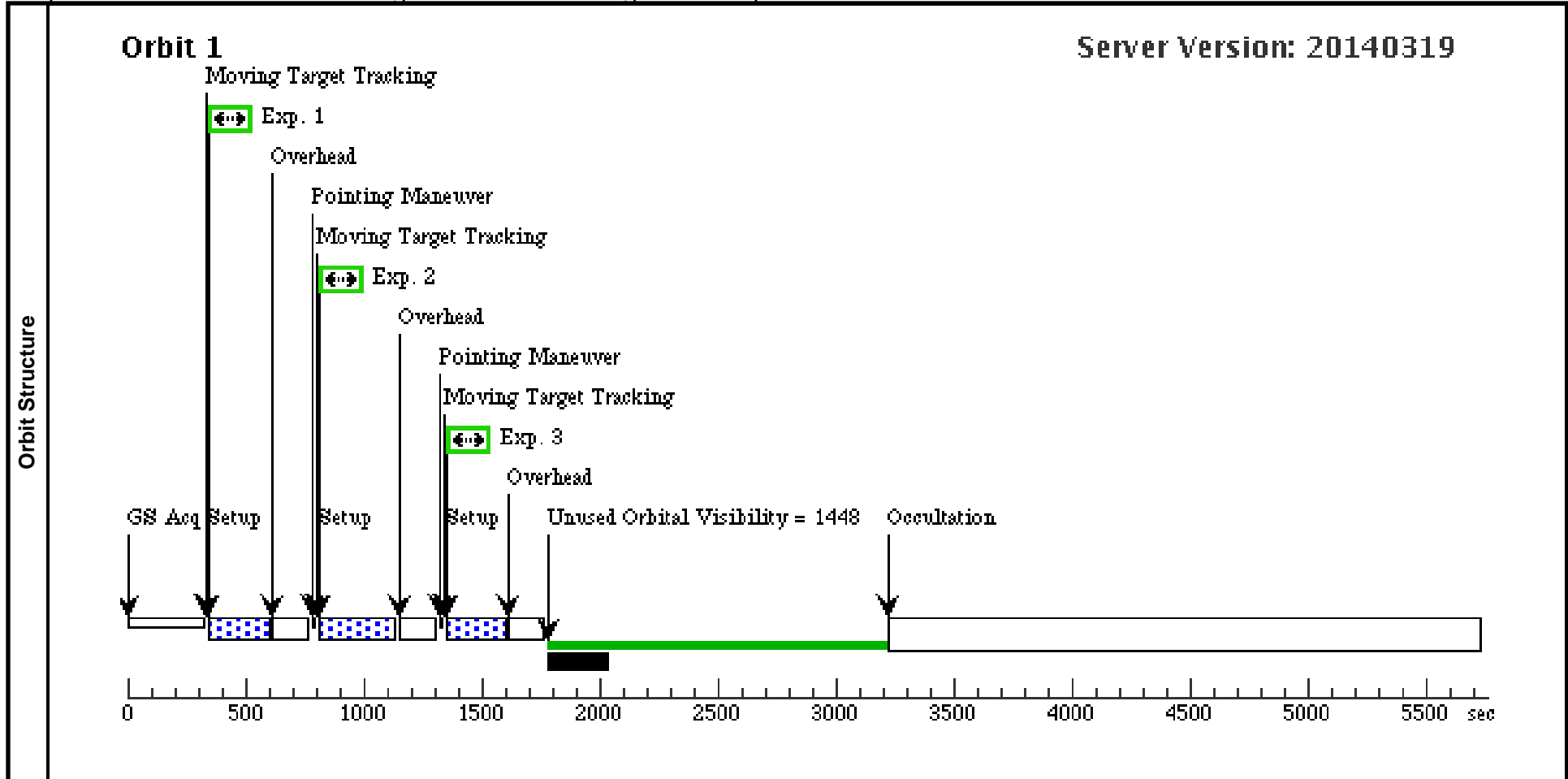
| Visit | Proposal 13031, Visit 45, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (45) | 00PC30 | TYPE=ASTEROID,A=42.9981664090 00,E=0.029644474129,I=1.251432027 700,O=71.784364238000,W=123.0774 50950000,M=135.891761120000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00PC30 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (45) 00PC30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (45) 00PC30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (45) 00PC30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 46 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

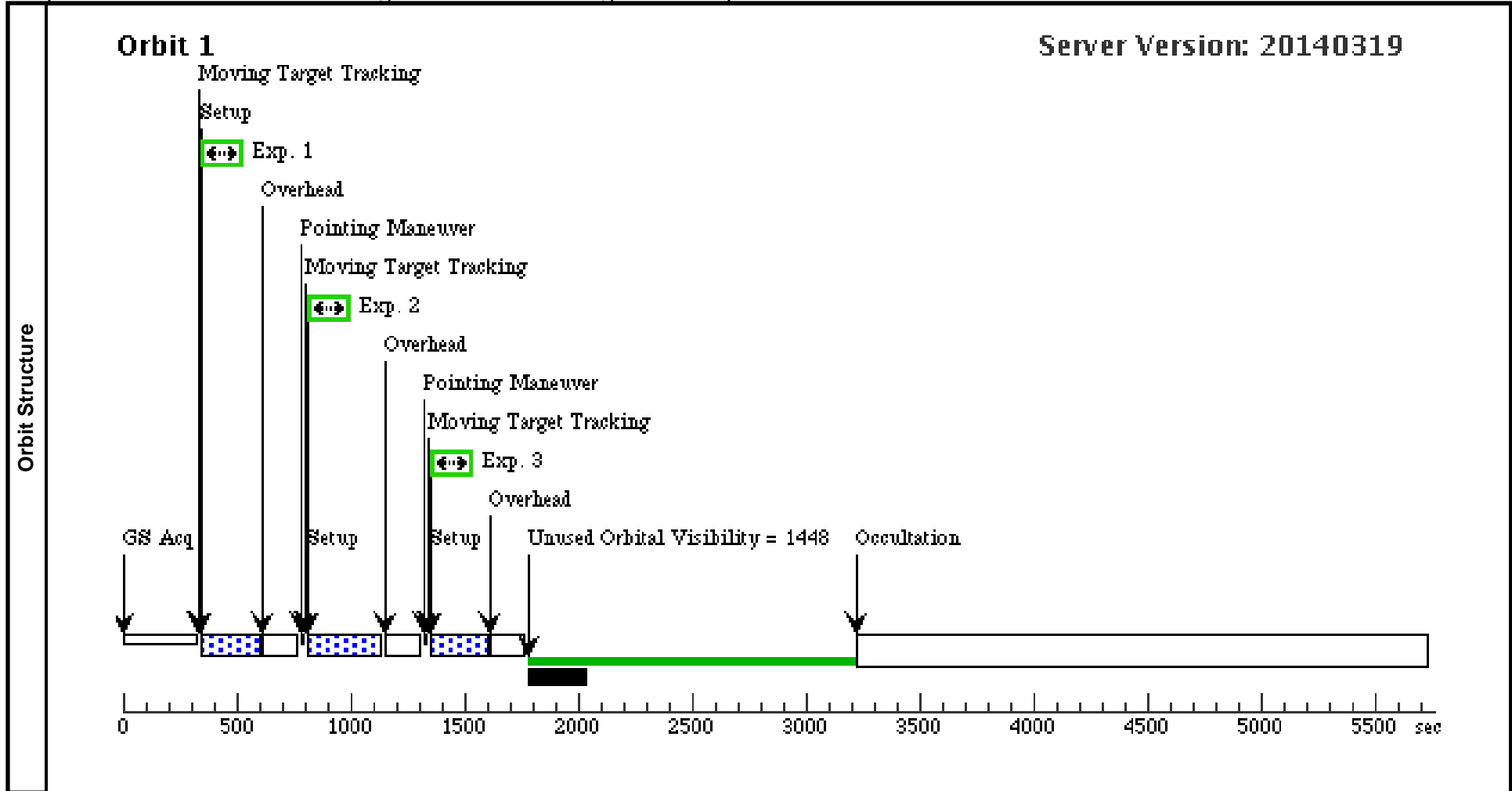
| Visit | Proposal 13031, Visit 46, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|-------------------------------|-------------------------------------|------------------------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (46) | 99OM4 | TYPE=ASTEROID,A=45.8943277820 00,E=0.118007458910,I=2.088964889 600,O=113.833971320000,W=131.895 809620000,M=74.190965007000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 99OM4 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (46) 99OM4 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| 2 | | (46) 99OM4 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] | |
| 3 | | (46) 99OM4 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] | |



Proposal 13031 - Visit 47 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

| Visit | Proposal 13031, Visit 47, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|-------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (47) | 99ON4 | TYPE=ASTEROID,A=42.5845277650 00,E=0.039392567750,I=3.189480993 100,O=133.084822490000,W=189.742 486900000,M=11.124733138000,EQU INOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 99ON4 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (47) 99ON4 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (47) 99ON4 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (47) 99ON4 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 48 - Testing Collisional Grinding in the Kuiper Belt

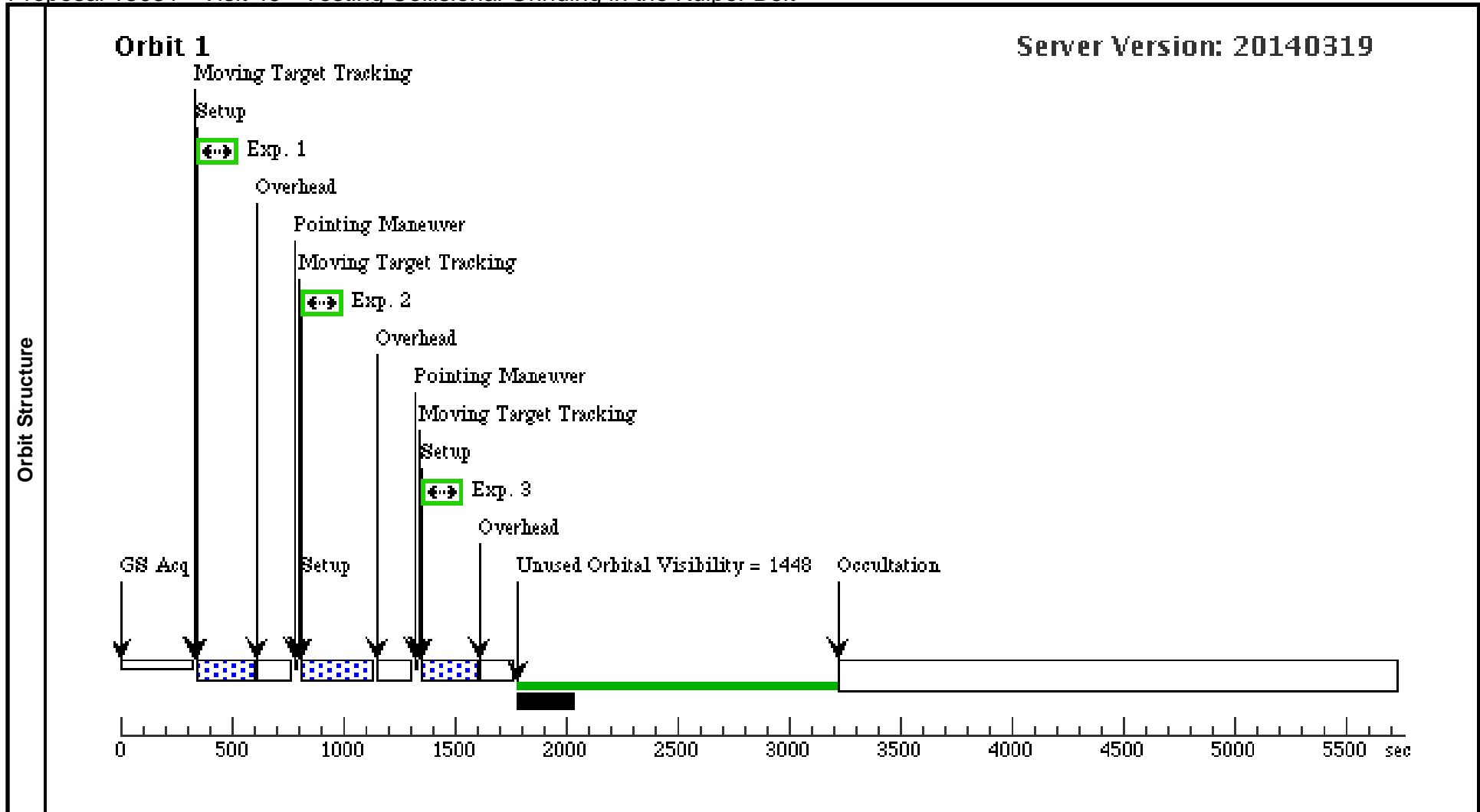
Thu May 15 19:54:51 GMT 2014

| Visit | Proposal 13031, Visit 48, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|-------------------------------|-------------------------------------|------------------------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (48) | 99OC4 | TYPE=ASTEROID,A=45.391809626000,E=0.167385420990,I=1.169624705100,O=55.495943590000,W=202.985370310000,M=58.551485869000,EQUI NOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 99OC4 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (48) 99OC4 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 300 Secs (300 Secs) [==>] | [1] |
| 2 | | (48) 99OC4 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 390 Secs (390 Secs) [==>] | [1] | |
| 3 | | (48) 99OC4 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 300 Secs (300 Secs) [==>] | [1] | |

Proposal 13031 - Visit 49 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

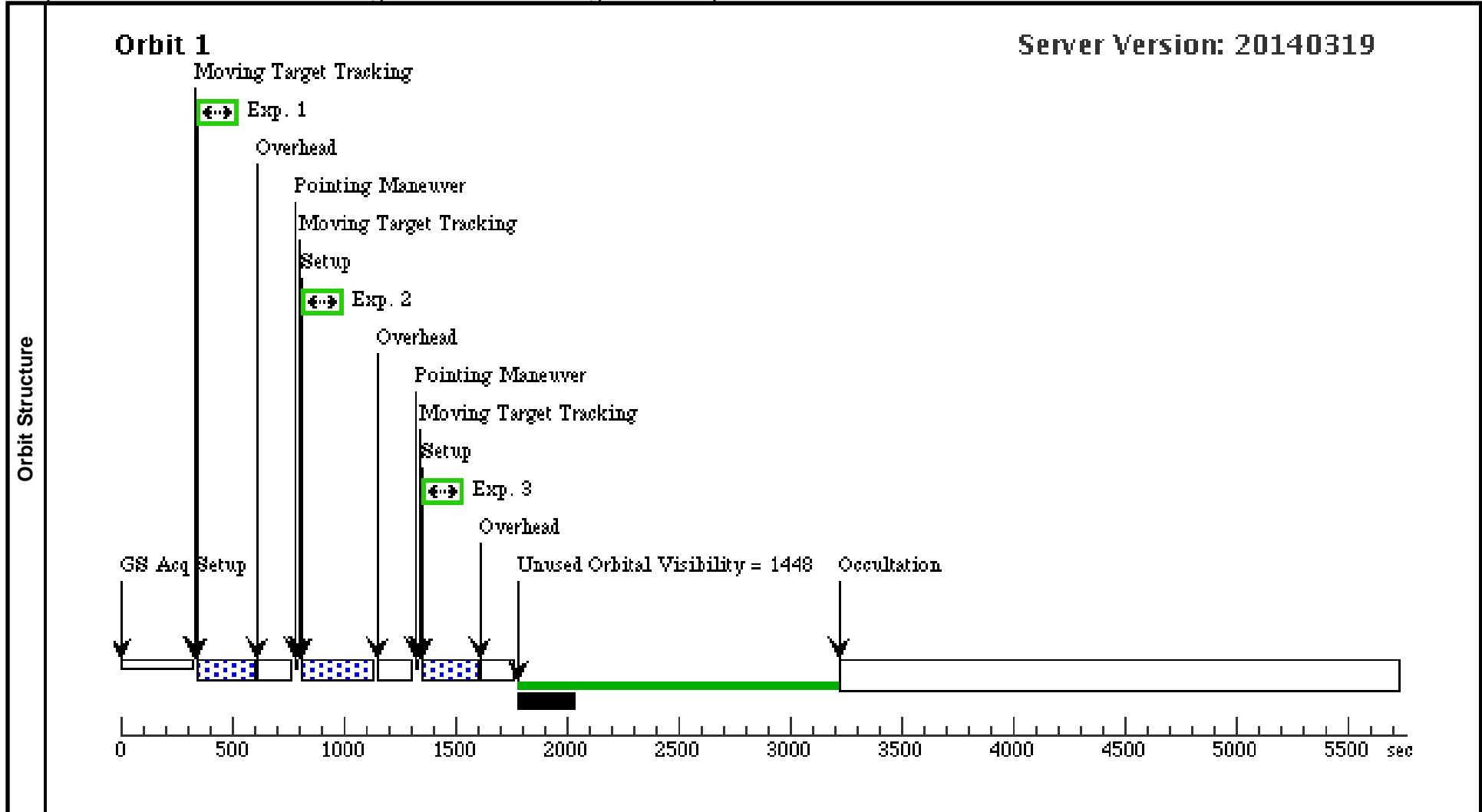
| Visit | Proposal 13031, Visit 49, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (49) | 00PN30 | TYPE=ASTEROID,A=44.7566199270 00,E=0.104023998020,I=1.517720507 500,O=15.757275842000,W=272.9025 40020000,M=38.650279019000,EQUI NOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00PN30 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (49) 00PN30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (49) 00PN30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (49) 00PN30 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 50 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

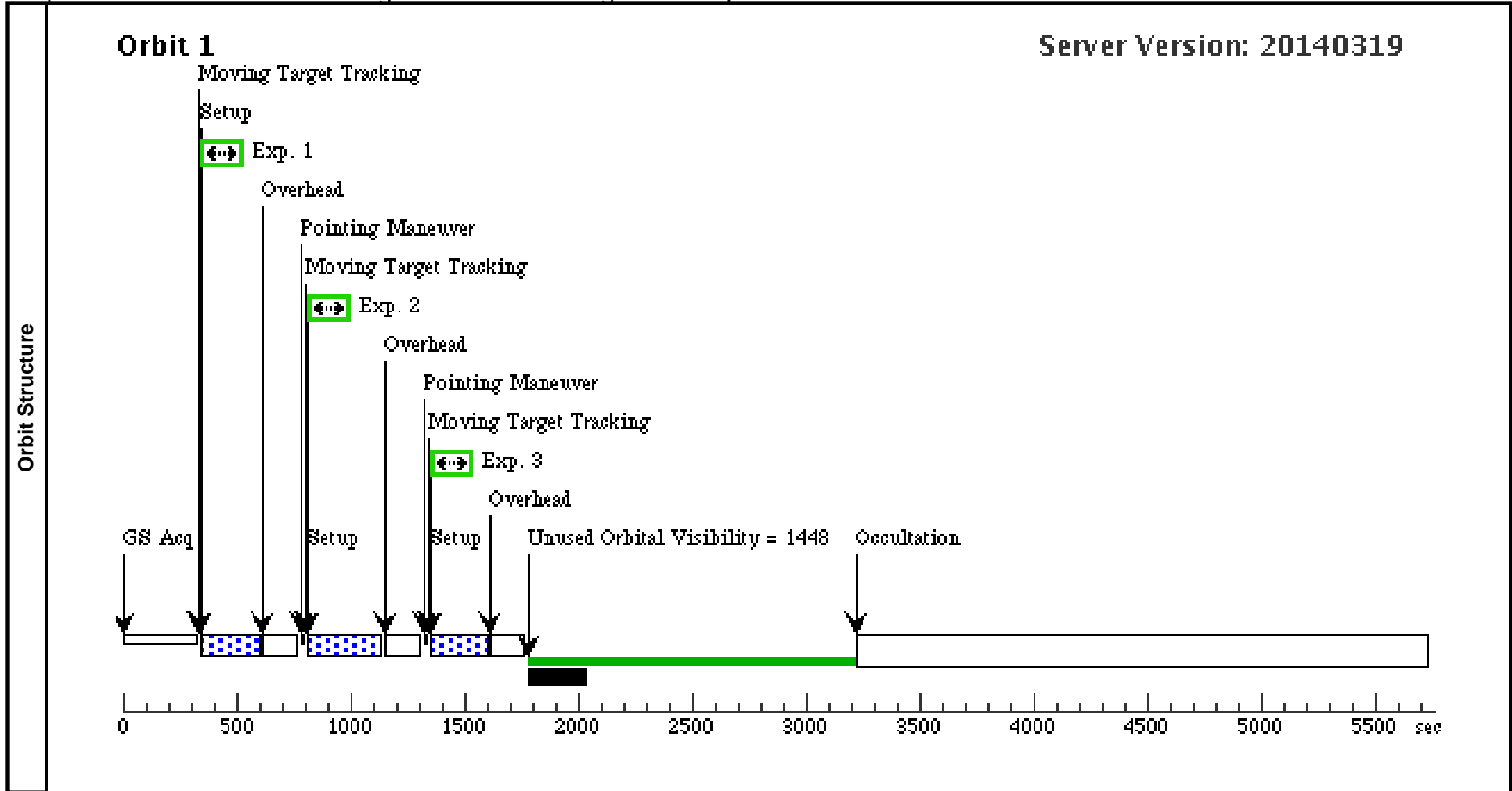
| Visit | Proposal 13031, Visit 50, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|--------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (50) | 00OB51 | TYPE=ASTEROID,A=37.7816567180 00,E=0.033906145262,I=4.461230945 300,O=126.885682210000,W=210.053 552280000,M=0.177058922240,EQUI NOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 00OB51 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (50) 00OB51 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (50) 00OB51 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (50) 00OB51 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 51 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

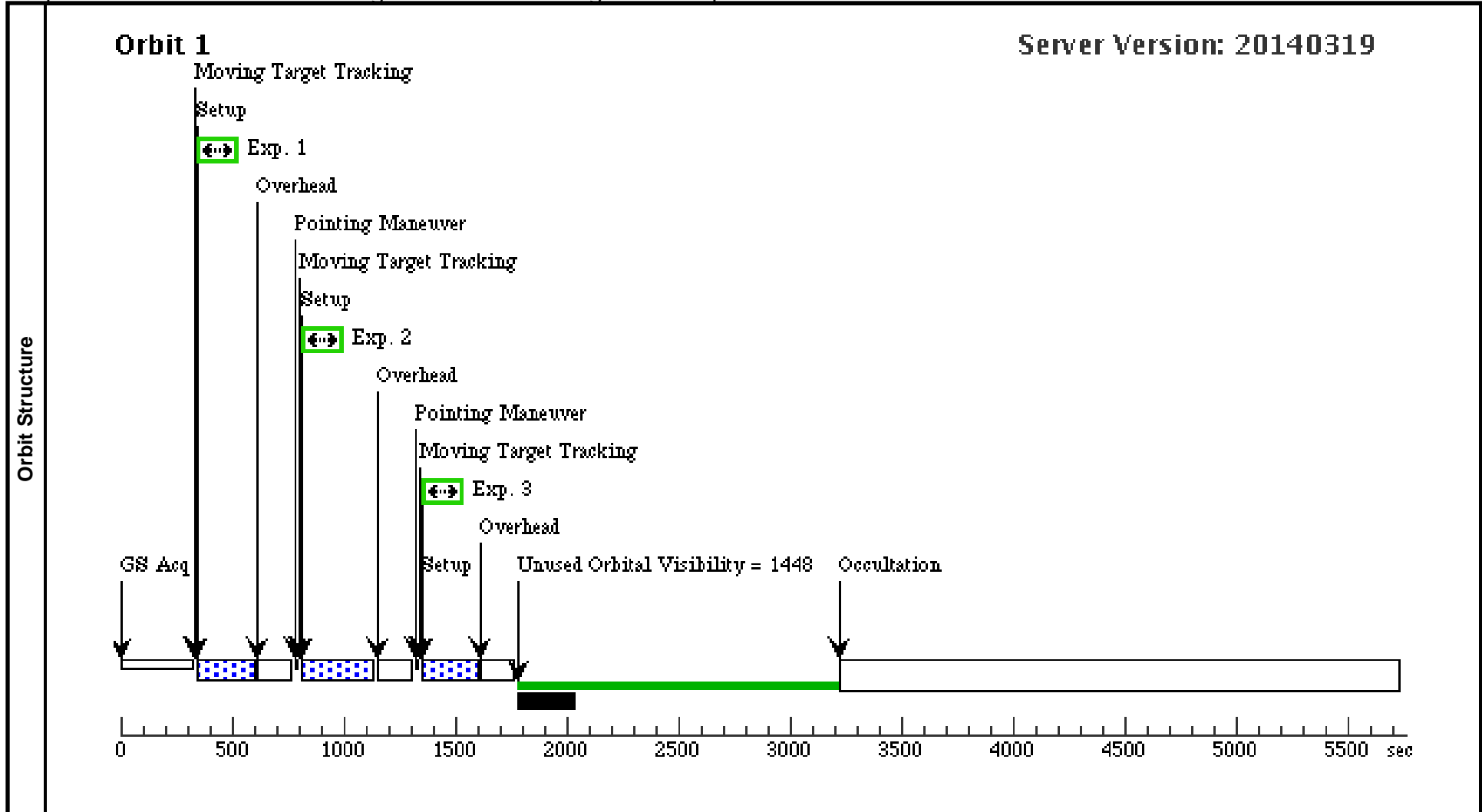
| Visit | Proposal 13031, Visit 51, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|----------------------------|------------------------------------|---------------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (51) | 02PX170 | TYPE=ASTEROID,A=42.602082534000,E=0.038065370274,I=1.570906023700,O=119.122855690000,W=109.267211530000,M=109.581929430000,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 02PX170 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (51) 02PX170 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) | |
| | | | | | | | | | [==>] | [1] |
| | 2 | | (51) 02PX170 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 300 Secs (300 Secs) | |
| | | | | | | | | [==>] | [1] | |
| 3 | | (51) 02PX170 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) | | |
| | | | | | | | | [==>] | [1] | |



Proposal 13031 - Visit 52 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

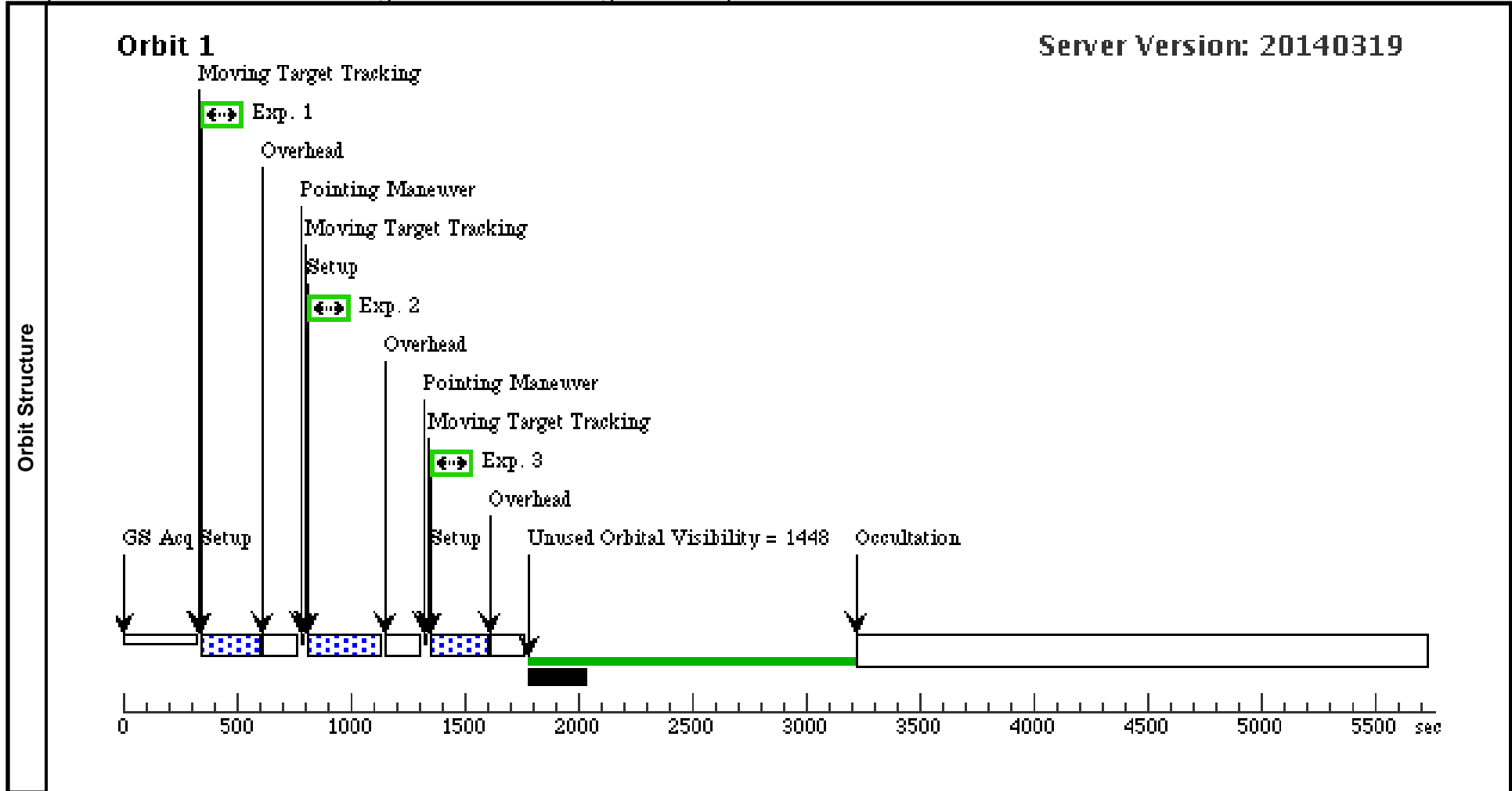
| Visit | Proposal 13031, Visit 52, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|--------------|------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (52) | 99RX215 | TYPE=ASTEROID,A=46.860533635000,E=0.139017519380,I=0.890273487420,O=99.169412192000,W=186.625093690000,M=43.851146647000,EQUI NOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 99RX215 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (52) 99RX215 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) | |
| | | | | | | | | | [==>] | [1] |
| | 2 | | (52) 99RX215 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 300 Secs (300 Secs) | |
| | | | | | | | | [==>] | [1] | |
| | 3 | | (52) 99RX215 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) | |
| | | | | | | | | [==>] | [1] | |



Proposal 13031 - Visit 53 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

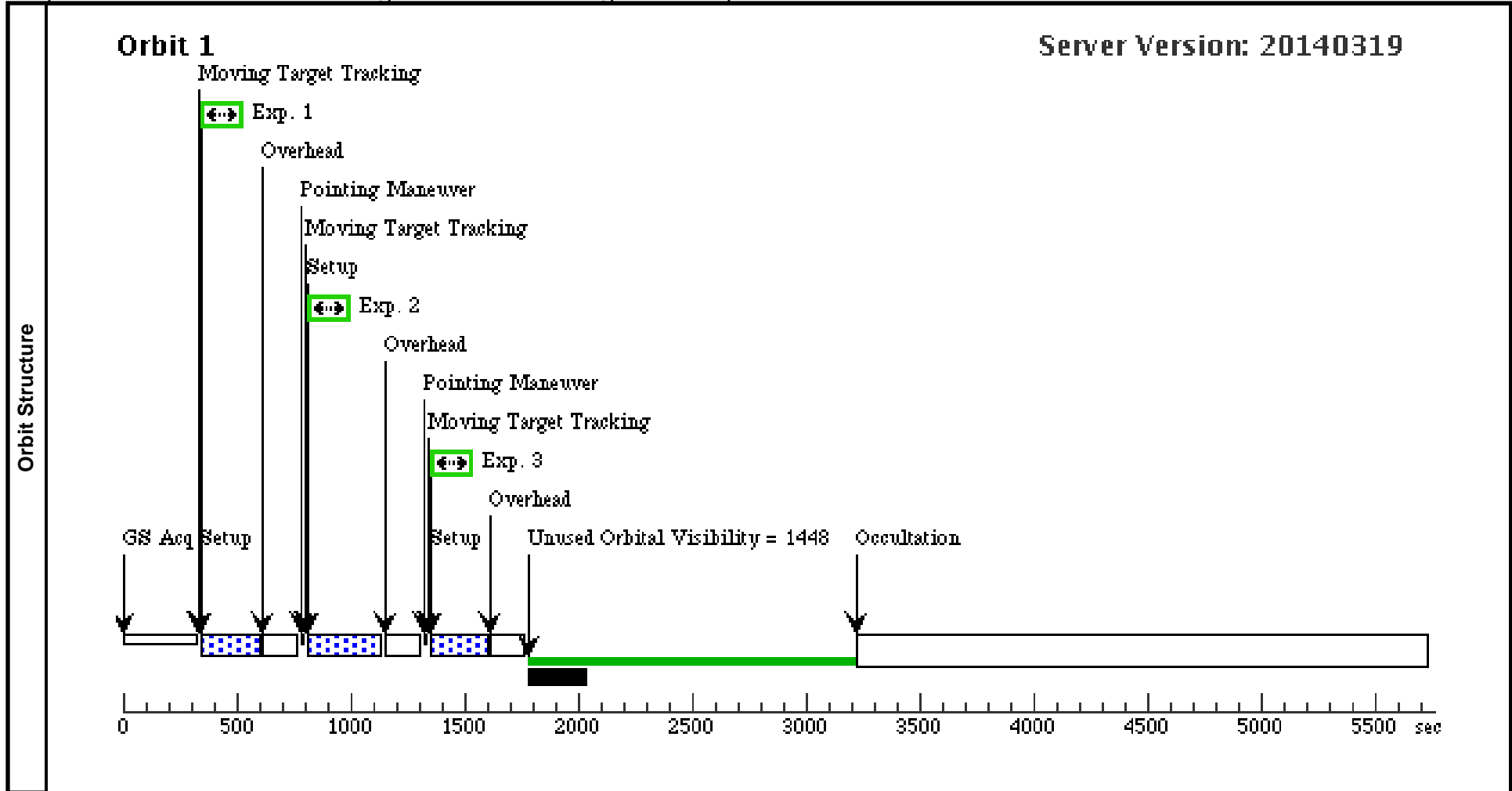
| Visit | Proposal 13031, Visit 53, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|--------------|------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (53) | 02PC171 | TYPE=ASTEROID,A=44.661015258000,E=0.056639766992,I=3.581770432000,O=336.744875630000,W=309.410299510000,M=51.938761420000,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 02PC171 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (53) 02PC171 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) | |
| | | | | | | | | | [==>] | [1] |
| | 2 | | (53) 02PC171 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 300 Secs (300 Secs) | |
| | | | | | | | | [==>] | [1] | |
| | 3 | | (53) 02PC171 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) | |
| | | | | | | | | [==>] | [1] | |



Proposal 13031 - Visit 54 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

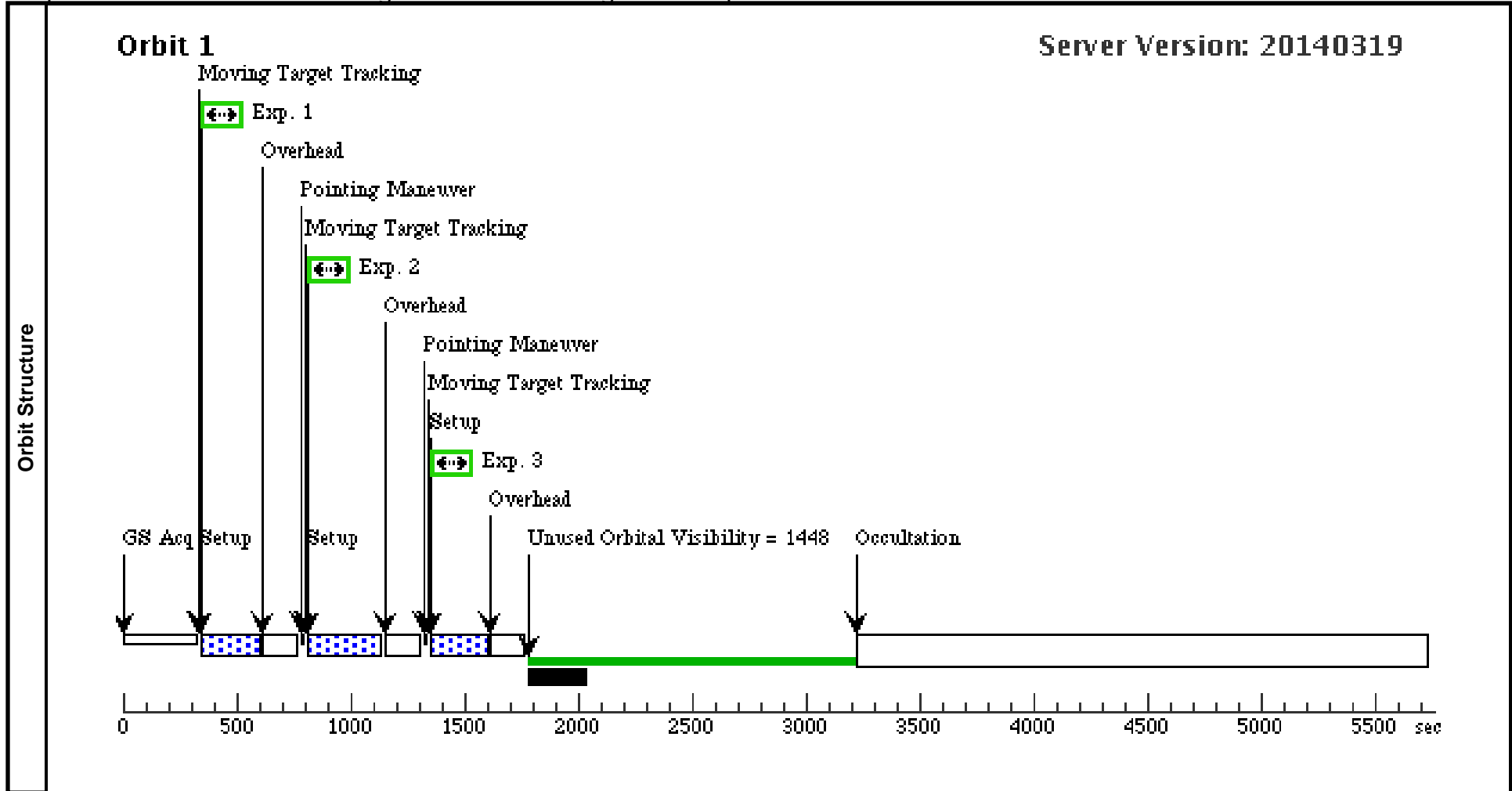
| Visit | Proposal 13031, Visit 54, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|---------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (54) | 02PY170 | TYPE=ASTEROID,A=42.9765939840 00,E=0.028656641582,I=3.019053019 300,O=110.873862800000,W=122.244 576350000,M=106.133371300000,EQ UINOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 02PY170 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (54) 02PY170 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (54) 02PY170 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (54) 02PY170 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |



Proposal 13031 - Visit 55 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

| Visit | Proposal 13031, Visit 55, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|----------------------------|-----------------------------------|---------------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (55) | 03QS91 | TYPE=ASTEROID,A=46.123328746000,E=0.140828894310,I=3.807691491900,O=195.930174360000,W=162.690861060000,M=350.505451190000,EQUINOX=J2000,EPOCH=27-JUL-2013,EpochTimeScale=UTC | | | | A_VEL 03QS91 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (55) 03QS91 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) | |
| | | | | | | | | | [==>] | [1] |
| | 2 | | (55) 03QS91 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12.6 | | 300 Secs (300 Secs) | |
| | | | | | | | | [==>] | [1] | |
| 3 | | (55) 03QS91 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) | | |
| | | | | | | | | [==>] | [1] | |



Proposal 13031 - Visit 56 - Testing Collisional Grinding in the Kuiper Belt

Thu May 15 19:54:51 GMT 2014

| Visit | Proposal 13031, Visit 56, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none) | | | | | | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------|---------------------------------------|--------------|---------------------------------|-------|
| | Solar System Targets | # | Name | Level 1 | Level 2 | Level 3 | Window | Ephem Center | | |
| | (56) | 99RG215 | TYPE=ASTEROID,A=46.4551804090 00,E=0.073005963739,I=0.244347019 610,O=293.204832440000,W=113.648 842350000,M=313.944850400000,EQ UINOX=J2000,EPOCH=27-JUL- 2013,EpochTimeScale=UTC | | | | A_VEL 99RG215 FROM EARTH GT 0.0001 | EARTH | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (56) 99RG215 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.2923, -12.6985 | | 230 Secs (230 Secs) [==>] | [1] |
| | 2 | | (56) 99RG215 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F814W | CR-SPLIT=NO | POS TARG -5.2,-12. 6 | | 300 Secs (300 Secs) [==>] | [1] |
| | 3 | | (56) 99RG215 | WFC3/UVIS, ACCUM, UVIS1-2K2B-SUB | F606W | CR-SPLIT=NO | POS TARG -5.1077, -12.5015 | | 230 Secs (230 Secs) [==>] | [1] |

