17207 - Fundamentally More: Quadrupling the sample of CALSPEC fundamental white dwarfs

Cycle: 30, Proposal Category: GO

(UV Initiative)

(Availability Mode: AVAILABLE)

INVESTIGATORS

Name	*Institution*
Dr. David Rubin (PI) (Contact)	**University of Hawaii**
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Dr. Nao Suzuki (CoI)	Florida State University

VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) WD2039-202 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA	3	27-Jan-2025 07:00:17.0	yes
1R	(1) WD2039-202 NONE WAVE	STIS/CCD	1	27-Jan-2025 07:00:18.0	yes
02	(2) GD140 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA	3	27-Jan-2025 07:00:19.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
03	(3) WD0859-039 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA	3	27-Jan-2025 07:00:21.0	yes
04	(4) WD1031-114 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA	3	27-Jan-2025 07:00:22.0	yes
4R	(4) WD1031-114 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA	1	27-Jan-2025 07:00:23.0	yes
05	(5) WD0205+250 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	27-Jan-2025 07:00:25.0	yes
5R	(5) WD0205+250 NONE WAVE	STIS STIS/CCD STIS/NUV-MAMA	1	27-Jan-2025 07:00:25.0	yes
06	(6) HZ14 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	27-Jan-2025 07:00:26.0	yes
07	(7) HZ2 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	27-Jan-2025 07:00:28.0	yes
13	(7) HZ2 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	27-Jan-2025 07:00:29.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
08	(8) GD50 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	27-Jan-2025 07:00:30.0	yes
09	(9) WD1052+273 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	27-Jan-2025 07:00:32.0	yes
9R	(9) WD1052+273 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA	1	27-Jan-2025 07:00:33.0	yes
10	(10) WD1446+286 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	27-Jan-2025 07:00:34.0	yes
11	(11) WD2051-208 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	27-Jan-2025 07:00:36.0	yes
14	(11) WD2051-208 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA	2	27-Jan-2025 07:00:37.0	yes
3R	(3) WD0859-039 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA	2	27-Jan-2025 07:00:38.0	yes
2R	(2) GD140 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA	2	27-Jan-2025 07:00:40.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
6R	(2) GD140 NONE WAVE	STIS STIS/CCD STIS/FUV-MAMA	2	27-Jan-2025 07:00:41.0	yes
33	(3) WD0859-039 NONE WAVE	STIS/CCD	1	27-Jan-2025 07:00:41.0	yes
43	(3) WD0859-039 NONE WAVE	STIS/CCD	1	27-Jan-2025 07:00:42.0	yes

52 Total Orbits Used

ABSTRACT

Photometric calibration well below 1% is a requirement for many current and future programs. The best current spectrophotometric system for UV-optical-NIR calibration is CALSPEC, tied to the NTLE atmosphere models of three pure-hydrogen (DA) white dwarfs (GD 71, GD 153, G 191-B2B) that are in the Local Cavity and thus show very little interstellar extinction. STIS observations of these stars are required to match NLTE model atmospheres, on average, and with this calibration in hand, dozens of STIS-observed stars of many types have been added to CALSPEC. However, the STIS observations of the three white dwarfs do not show the same agreement with the white-dwarf atmosphere models. These differences of up to 1% translate into large differences in forecasted cosmological constraints. These particular three fundamental white dwarfs are a historical choice and other excellent DA white-dwarf calibrators could have been chosen; we identify 11 additional stars that have not already been observed with STIS spectrophotometry. Observing these new stars with STIS will thus increase by more than 4x the number of calibrator stars, providing a true statistical sample spanning temperature and gravity, and reaching a large enough sample that correlations and outliers can be found and investigated. We will compare these observations to the model atmosphere grid of Bohlin et al. 2020. With our larger sample, we will examine the residuals vs. temperature and gravity, and search for outliers. We will also examine residuals of observed minus synthetic photometry for Gaia, and Pan-STARRS. The resulting reduction and quantification of uncertainties will benefit the cosmology community.

OBSERVING DESCRIPTION

The STIS observations utilize gratings G140L, G230L, G430L and G750L with the wide 52X2 aperture for precise spectrophotometry, as is done for all CALSPEC stars. For any star that is too bright for the MAMA modes, G230LB will replace G230L.

Three orbits per star provides sufficient S/N, except for two WDs fainter than V=14.5, where four orbits are required.

We will use longer than default G750L fringe flats to increase S/N are in the occultations for program efficiency and Wavecal=no to optimize efficiency by placing Wavecals in the occultations for each grating setting. We will mix MAMA/CCD in the same visit for efficiency and to avoid requesting an extra orbit and disable the monthly MAMA offsets for the best photometric precision.

Visit

Proposal 17207, WD2039-202 (01), failed Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: (none)

Diagnostics

(WD2039-202 (01)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(WD2039-202 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(WD2039-202 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(WD2039-202 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	WD2039-202 Alt Name1: EGGR141+LTT8189	RA: 20 42 35.1454 (310.6464392d) Dec: -20 04 37.42 (-20.07706d) Equinox: J2000	Proper Motion RA: 0.02539657171956994 sec of time/yr Proper Motion Dec: -0.09627599990835733 arcsec/yr Epoch of Position: 2015.5	V=12.396	Reference Frame: ICRS

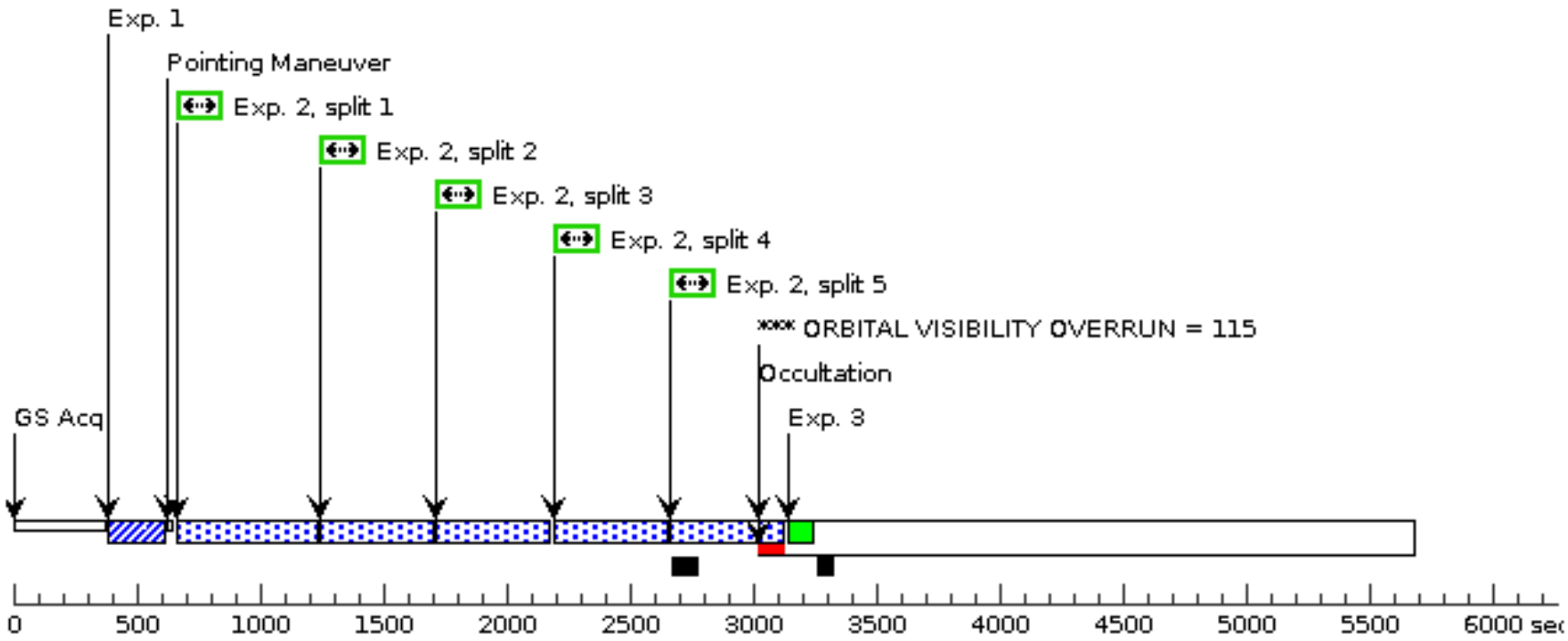
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

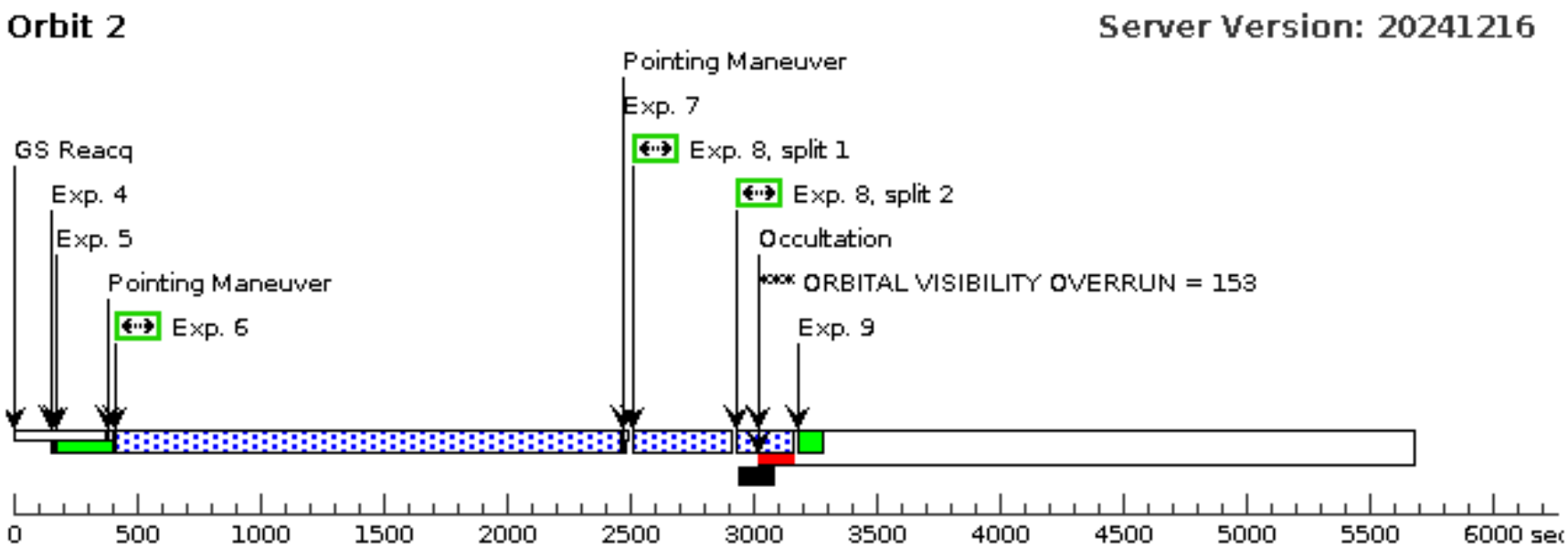
A more standard name may replace the name used in Phase 1.
Category=STAR
Description=[DA]

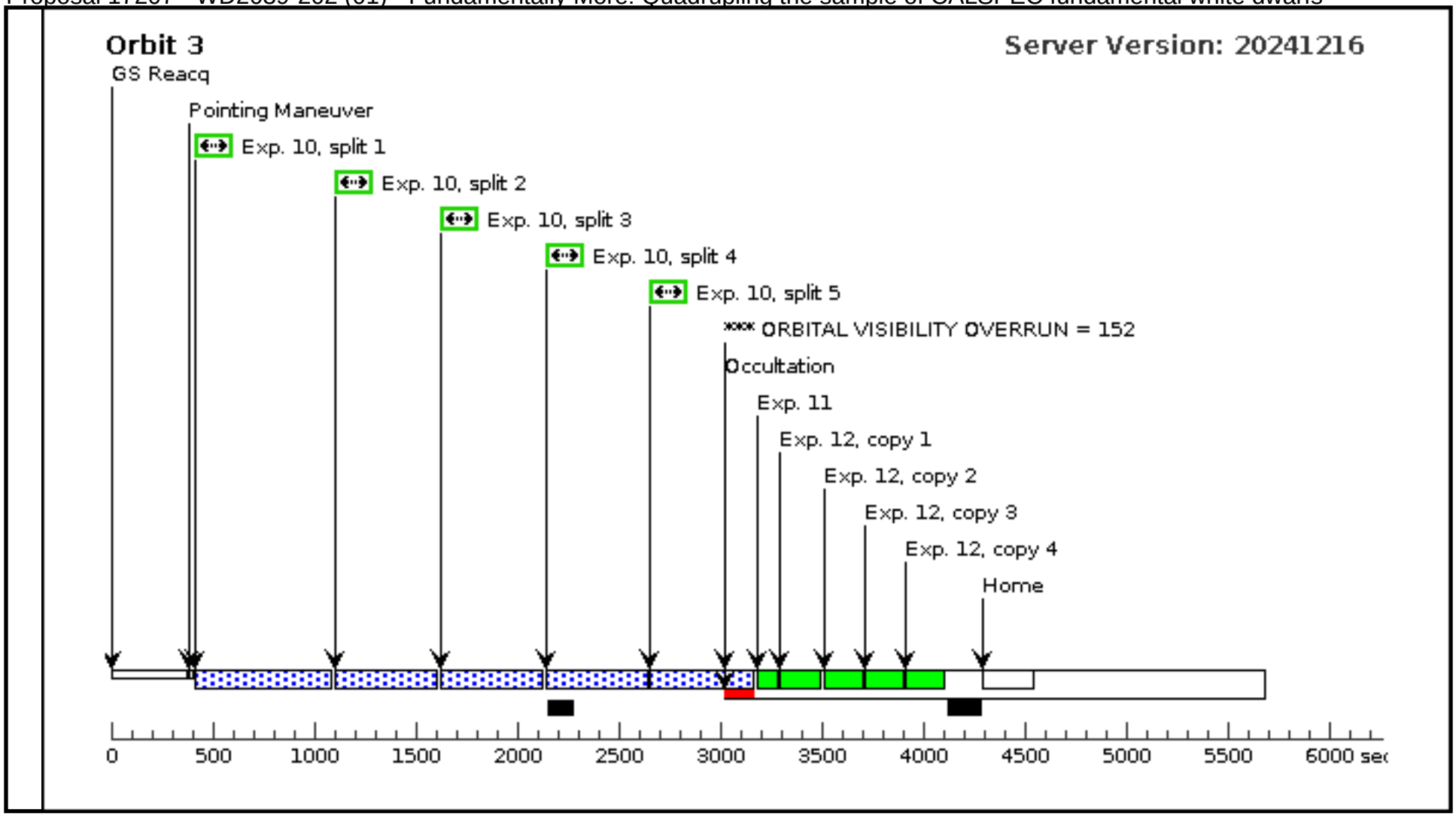
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842491)	(1) WD2039-202	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	STIS G230LB	(1) WD2039-202	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	WAVECAL=NO; CR-SPLIT=5			2150 Secs (2150 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[1]***
3	2 G230LB-wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G230LB 2375 A				*[==>]*	***[1]***
4	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[2]***
5	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[2]***
6	STIS G140L (STIS.sp.1814706)	(1) WD2039-202	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A	WAVECAL=NO			2015 Secs (2015 Secs) *[==>]*	***[2]***
Comments: BOT has a safety warning but it comes from our target, and the ETC information above confirms the safety of the observations.									
7	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[2]***
8	STIS G430LE1 (STIS.sp.732780)	(1) WD2039-202	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			400 Secs (400 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
9	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[2]***
10	STIS G750L (STIS.sp.727504)	(1) WD2039-202	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=4; WAVECAL=NO			2370 Secs (2370 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
11	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
12	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[3]***

Orbit Structure




Orbit 2
Server Version: 20241216
Pointing Maneuver
Exp. 7
GS Reacq
Exp. 8, split 1
Exp. 4
Exp. 8, split 2
Exp. 5
Occultation
Pointing Maneuver
**** ORBITAL VISIBILITY OVERRUN = 153
Exp. 6
Exp. 9
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec


Orbit 3
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 10, split 1
Exp. 10, split 2
Exp. 10, split 3
Exp. 10, split 4
Exp. 10, split 5
**** ORBITAL VISIBILITY OVERRUN = 152
Occultation
Exp. 11
Exp. 12, copy 1
Exp. 12, copy 2
Exp. 12, copy 3
Exp. 12, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, WD2039-202R (1R), scheduling Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

Special Requirements: (none)

Comments: Repeat for 1 of 3 orbits per HOPR 92674

Diagnostics

(WD2039-202R (1R)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

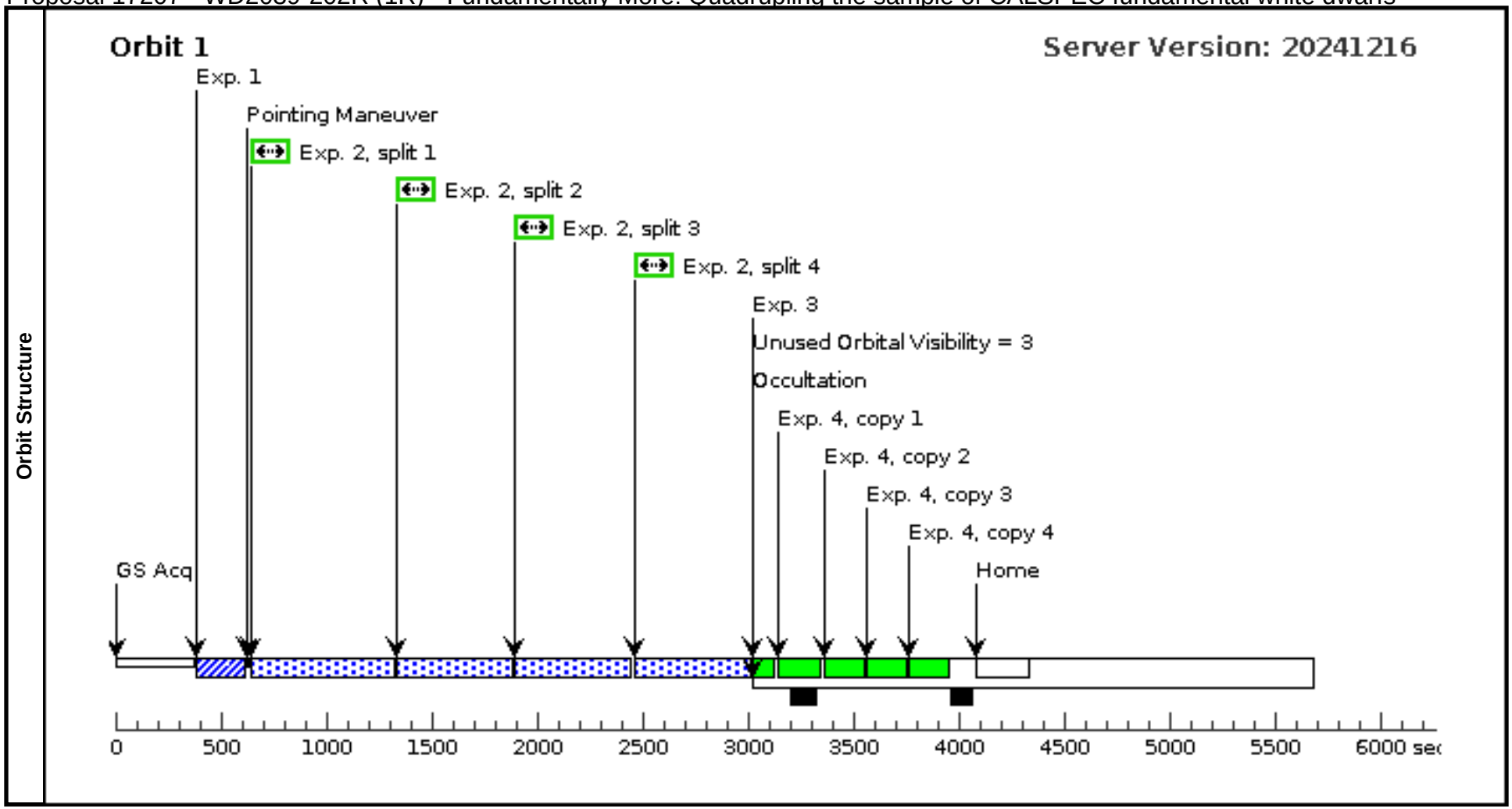
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	WD2039-202 Alt Name1: EGGR141+LTT8189	RA: 20 42 35.1454 (310.6464392d) Dec: -20 04 37.42 (-20.07706d) Equinox: J2000	Proper Motion RA: 0.02539657171956994 sec of time/yr Proper Motion Dec: -0.09627599990835733 arcsec/yr Epoch of Position: 2015.5	V=12.396	Reference Frame: ICRS

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

A more standard name may replace the name used in Phase 1.
Category=STAR
Description=[DA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842491)	(1) WD2039-202	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	*[1]*
2	STIS G750L (STIS.sp.727504)	(1) WD2039-202	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=4; GAIN=4; WAVECAL=NO			2120 Secs (2072 Secs) *[==>518.0 Secs (Split 1)]* *[==>518.0 Secs (Split 2)]* *[==>518.0 Secs (Split 3)]* *[==>518.0 Secs (Split 4)]*	*[1]*
	Comments: Manual fringe flat used instead of default to get higher S/N.								
3	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	*[1]*
4	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	*[1]*


Orbit Structure
Orbit 1
Server Version: 20241216
Exp. 1
Pointing Maneuver
Exp. 2, split 1
Exp. 2, split 2
Exp. 2, split 3
Exp. 2, split 4
Exp. 3
Unused Orbital Visibility = 3
Occultation
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 4, copy 4
GS Acq
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, GD140 (02), failed Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: (none)

Diagnostics

(GD140 (02)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	GD140 Alt Name1: LB10276	RA: 11 37 4.9283 (174.2705346d) Dec: +29 47 58.09 (29.79947d) Equinox: J2000	Proper Motion RA: -0.011348167712132312 sec of time/yr Proper Motion Dec: -0.012532999994618876 arcsec/yr Epoch of Position: 2015.5	V=12.45	Reference Frame: ICRS

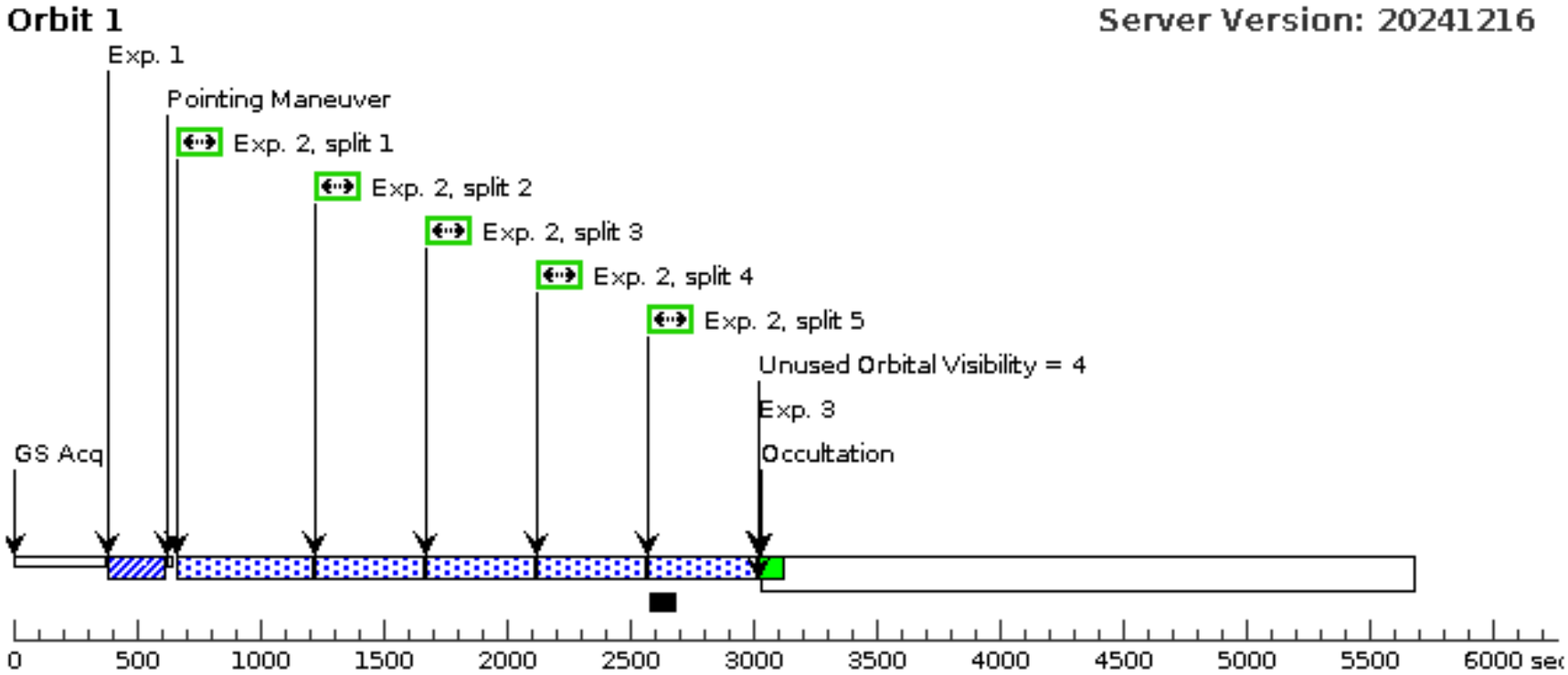
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=EXT-STAR
Description=[DA]

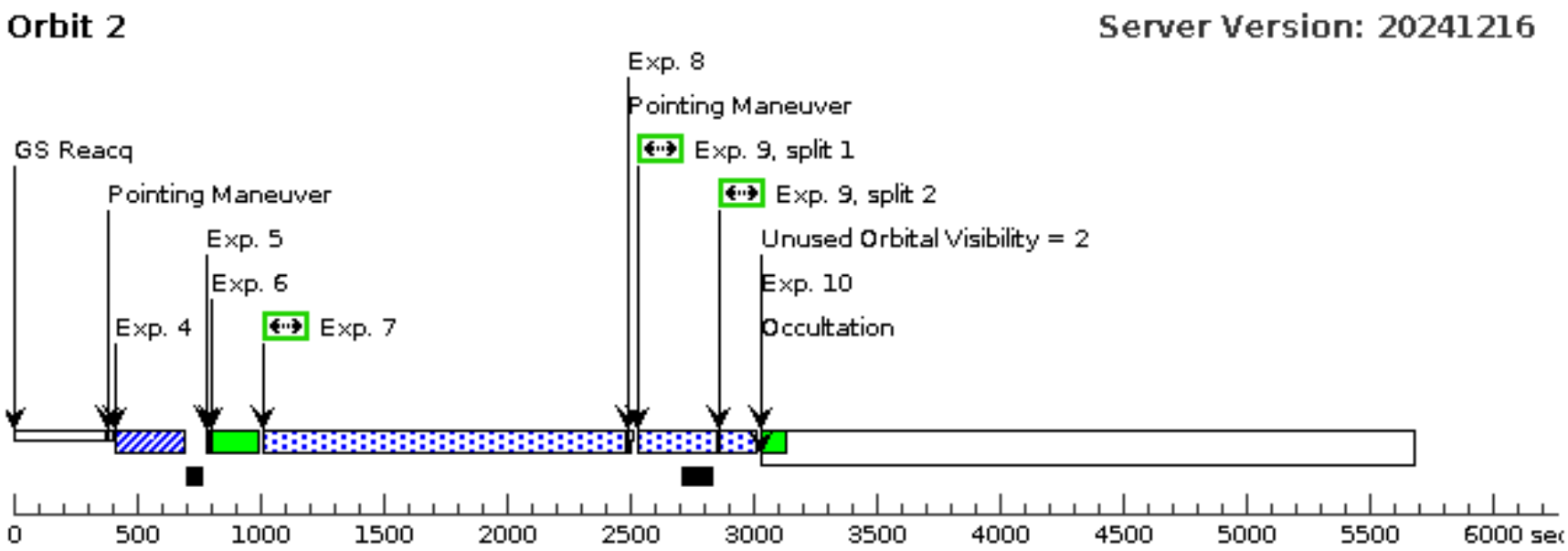
Exposures

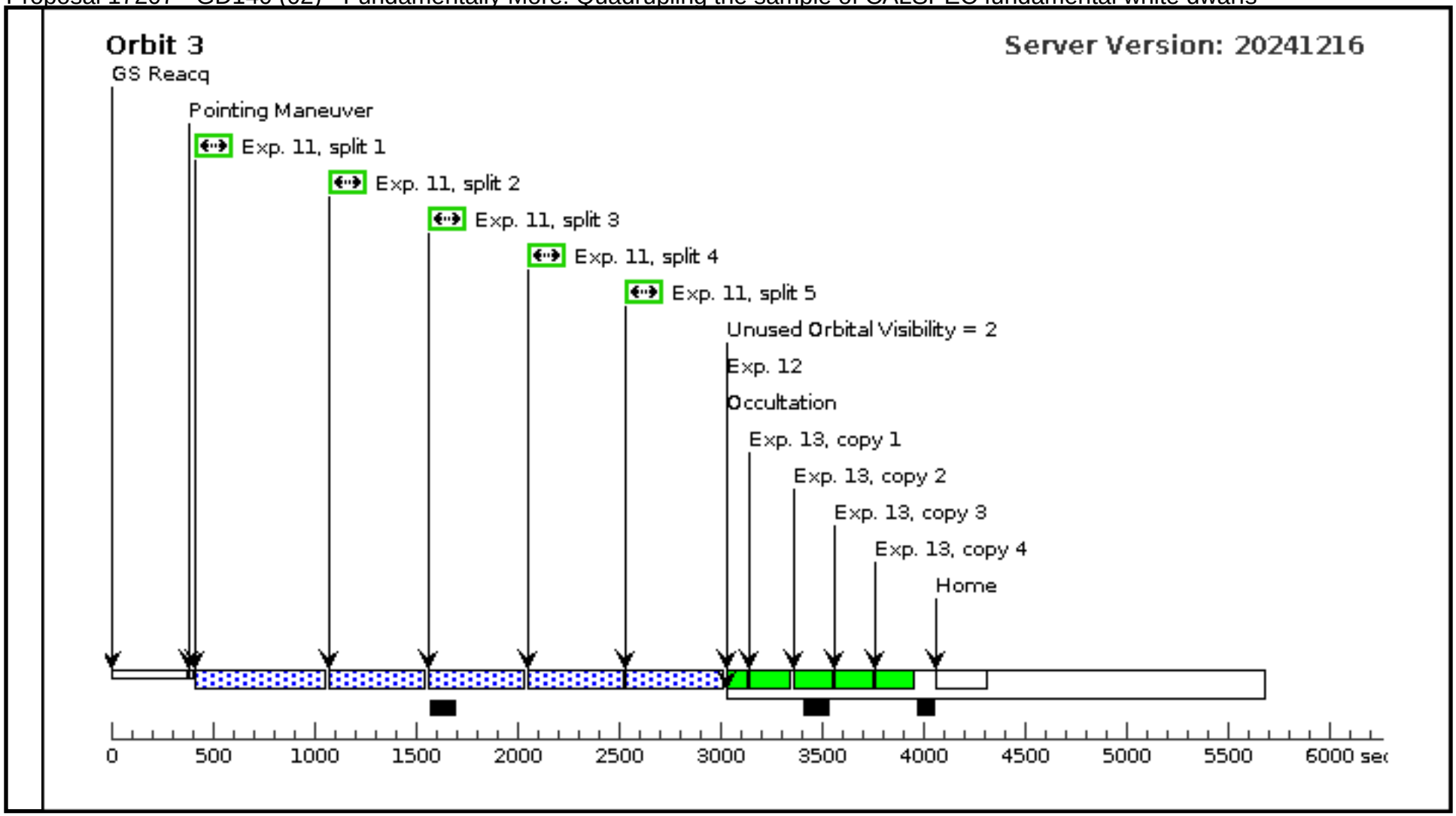
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (1842492)	(2) GD140	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	STIS G230LB	(2) GD140	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	WAVECAL=NO; CR-SPLIT=5			2155 Secs (2035 Secs) *[==>407.0 Secs (Split 1)]* *[==>407.0 Secs (Split 2)]* *[==>407.0 Secs (Split 3)]* *[==>407.0 Secs (Split 4)]* *[==>407.0 Secs (Split 5)]*	***[1]***
3	2 G230LB-wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G230LB 2375 A				*[==>]*	***[1]***
4	STIS ACQ (1842482)	(2) GD140	STIS/CCD, ACQ/PEAK, 52X0.1	MIRROR				1 Secs (1 Secs) *[==>]*	***[2]***
Comments: Please confirm that I have my first use of a peakup correct and correctly positioned. thanks, ralph									
5	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[2]***
6	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[2]***
7	STIS G140L (STIS.ta.1842483)	(2) GD140	STIS/FUV-MAMA, ACCUM, 52X0.1	G140L 1425 A	WAVECAL=NO			1494 Secs (1441 Secs) *[==>1441.0 Secs]*	***[2]***
Comments: BOT has a safety warning but it comes from our target, and the ETC information above confirms the safety of the observations.									
8	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[2]***
9	STIS G430LE1 (STIS.sp.732780)	(2) GD140	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			340 Secs (234 Secs) *[==>117.0 Secs (Split 1)]* *[==>117.0 Secs (Split 2)]*	***[2]***
10	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[2]***
11	STIS G750L (STIS.sp.727504)	(2) GD140	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=4; WAVECAL=NO			2375 Secs (2220 Secs) *[==>444.0 Secs (Split 1)]* *[==>444.0 Secs (Split 2)]* *[==>444.0 Secs (Split 3)]* *[==>444.0 Secs (Split 4)]* *[==>444.0 Secs (Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
12	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***

	13	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4	120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[3]***

Orbit Structure




Orbit 2
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 4
Exp. 5
Exp. 6
Exp. 7
Exp. 8
Pointing Maneuver
Exp. 9, split 1
Exp. 9, split 2
Unused Orbital Visibility = 2
Exp. 10
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec


Orbit 3
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 11, split 1
Exp. 11, split 2
Exp. 11, split 3
Exp. 11, split 4
Exp. 11, split 5
Unused Orbital Visibility = 2
Exp. 12
Occultation
Exp. 13, copy 1
Exp. 13, copy 2
Exp. 13, copy 3
Exp. 13, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, WD0859-039 (03), failed Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: (none)

Diagnostics

(WD0859-039 (03)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(WD0859-039 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(WD0859-039 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(WD0859-039 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	WD0859-039 Alt Name1: RE-J090217-040712	RA: 09 02 17.2948 (135.5720617d) Dec: -04 06 55.38 (-4.11538d) Equinox: J2000	Proper Motion RA: -2.8968025962994125E-4 sec of time/yr Proper Motion Dec: 0.006399 arcsec/yr Epoch of Position: 2015.5	V=13.17	Reference Frame: ICRS

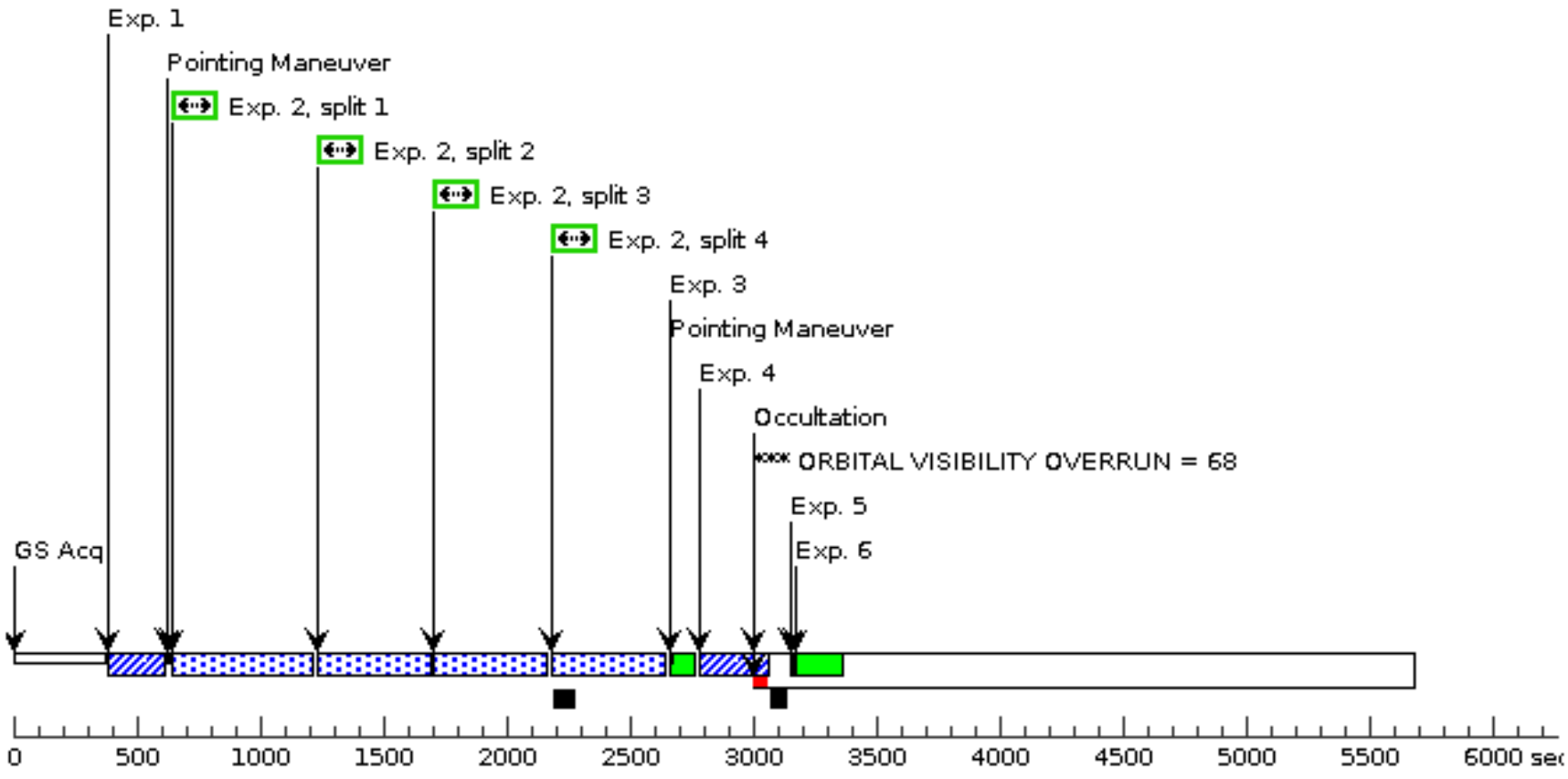
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

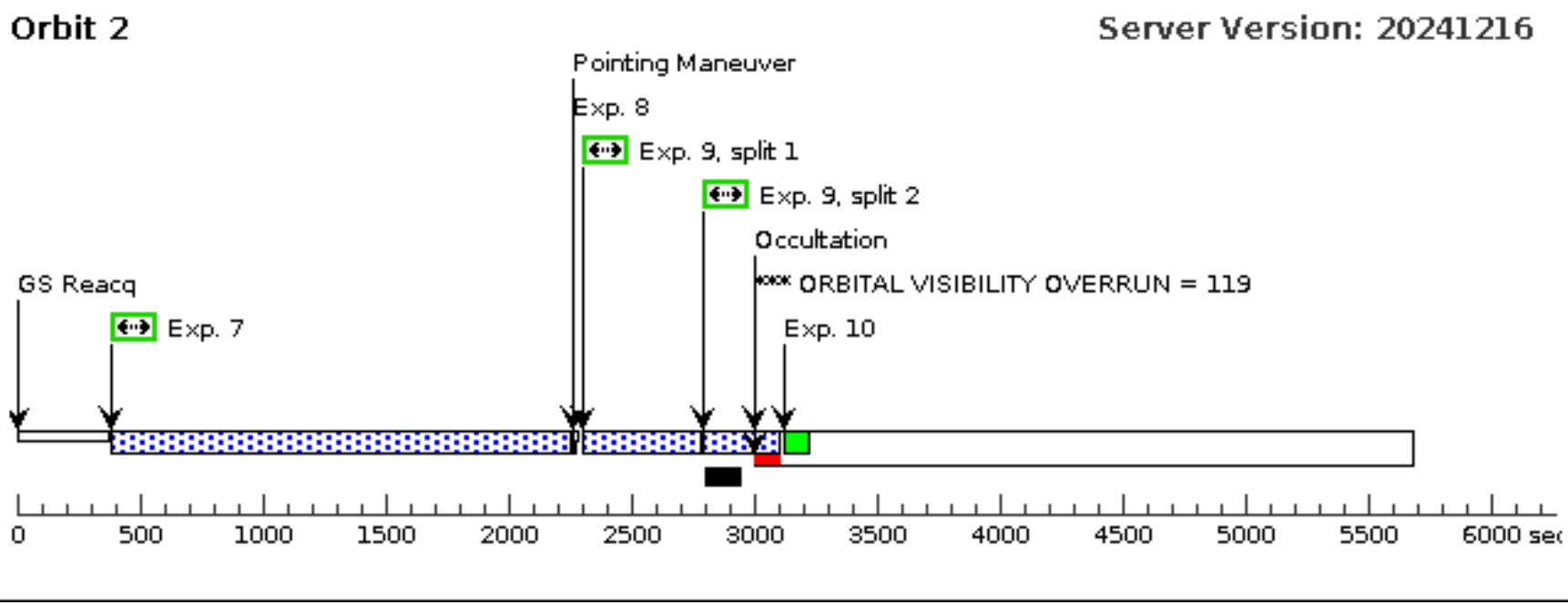
Gaia G=13.17
Category=STAR
Description=[DA]

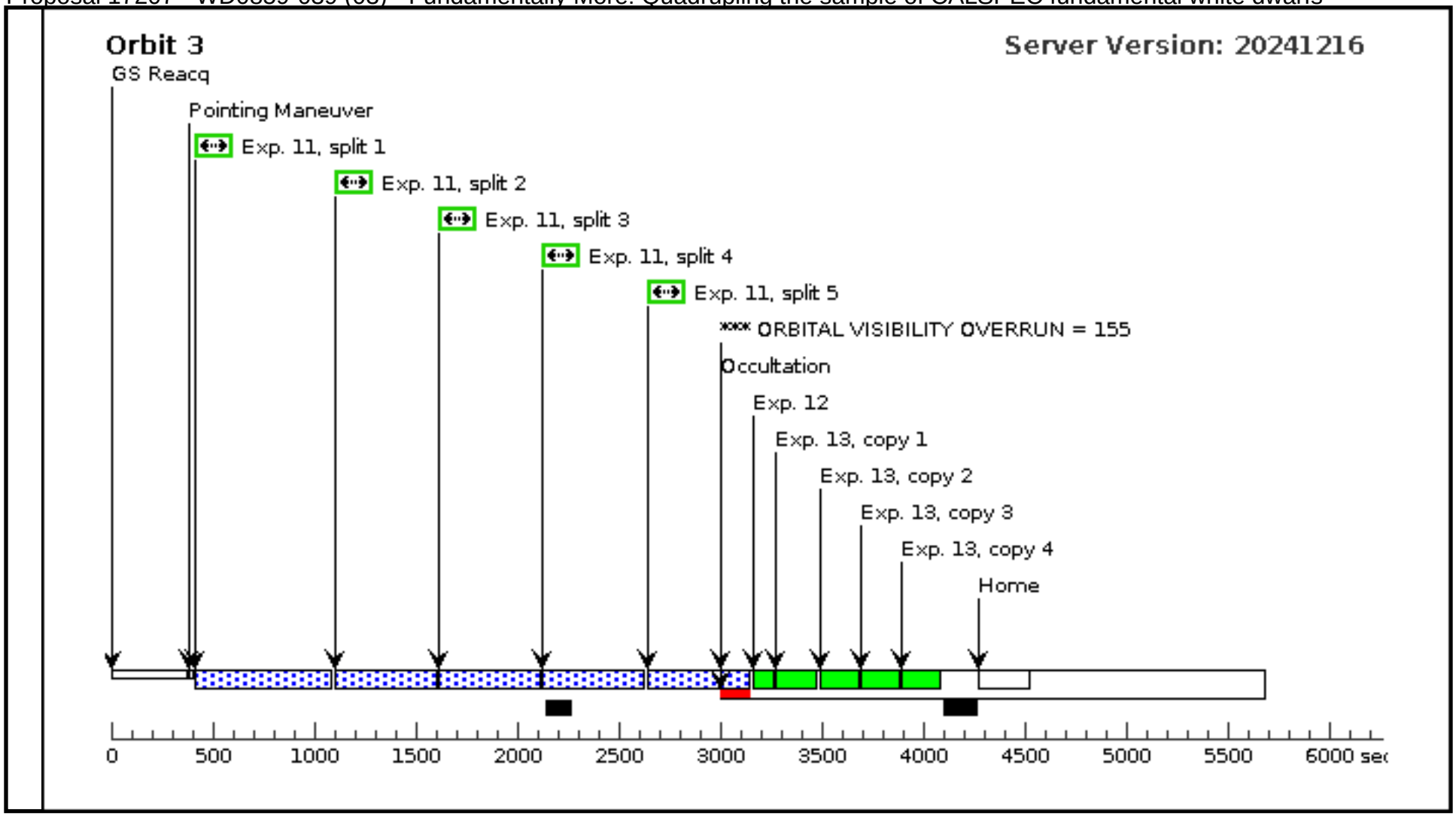
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842493)	(3) WD0859-039	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	STIS G230LB (STIS.sp.1897730)	(3) WD0859-039	STIS/CCD, ACCUM, 52X2	G230LB 2375 A	WAVECAL=NO; CR-SPLIT=4			1728 Secs (1728 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]*	***[1]***
3	2 G230LB-wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G230LB 2375 A				*[==>]*	***[1]***
4	STIS ACQ (1842482)	(3) WD0859-039	STIS/CCD, ACQ/PEAK, 52X0.1	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
Comments: Please confirm that I have my first use of a peakup correct and correctly positioned. thanks, ralph									
5	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[1]***
6	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[1]***
7	STIS G140L (STIS.sp.1897732)	(3) WD0859-039	STIS/FUV-MAMA, ACCUM, 52X0.1	G140L 1425 A	WAVECAL=NO			1840 Secs (1840 Secs) *[==>]*	***[2]***
8	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[2]***
9	STIS G430L E1 (STIS.sp.732780)	(3) WD0859-039	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			562 Secs (562 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
10	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[2]***
11	STIS G750L (STIS.sp.727504)	(3) WD0859-039	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2350 Secs (2350 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
12	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
13	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[3]***

Orbit Structure




Orbit 2
Server Version: 20241216
Pointing Maneuver
Exp. 8
Exp. 9, split 1
Exp. 9, split 2
Occultation
**** ORBITAL VISIBILITY OVERRUN = 119
GS Reacq
Exp. 7
Exp. 10
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec


Orbit 3
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 11, split 1
Exp. 11, split 2
Exp. 11, split 3
Exp. 11, split 4
Exp. 11, split 5
*** ORBITAL VISIBILITY OVERRUN = 155
Occultation
Exp. 12
Exp. 13, copy 1
Exp. 13, copy 2
Exp. 13, copy 3
Exp. 13, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, WD1031-114 (04), failed

Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: (none)

Diagnostics

(WD1031-114 (04)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	WD1031-114 Alt Name1: EGGR70+LTT3870	RA: 10 33 42.4000 (158.4266667d) Dec: -11 41 38.77 (-11.69410d) Equinox: J2000	Proper Motion RA: -0.023415962709058078 sec of time/yr Proper Motion Dec: -0.027989000045636203 arcsec/yr Epoch of Position: 2015.5	V=13.012	Reference Frame: ICRS

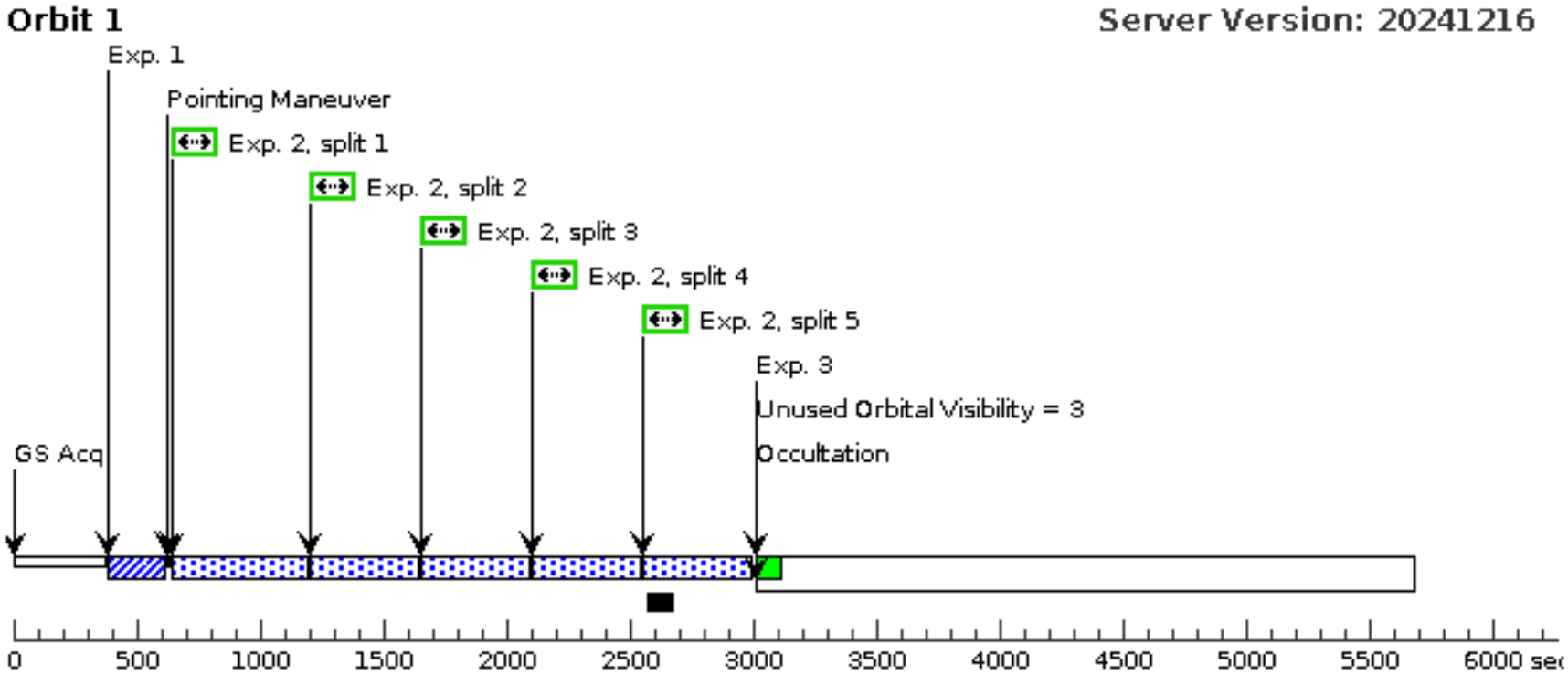
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STAR
Description=[DA]

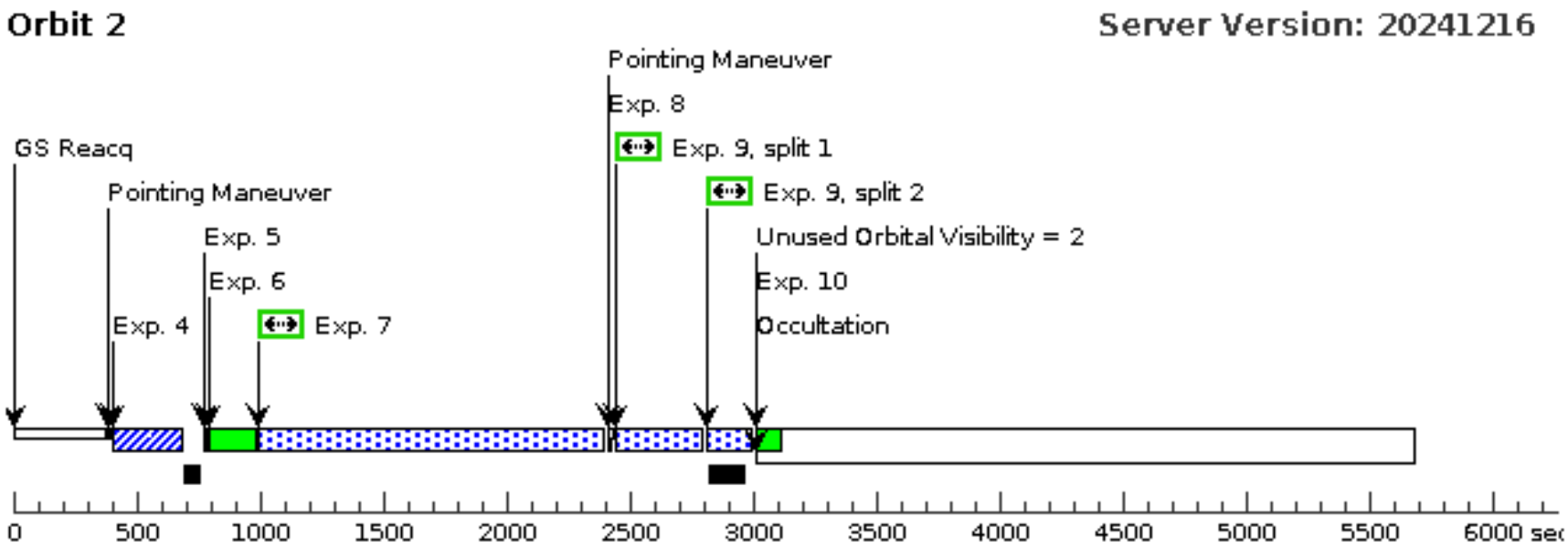
Exposures

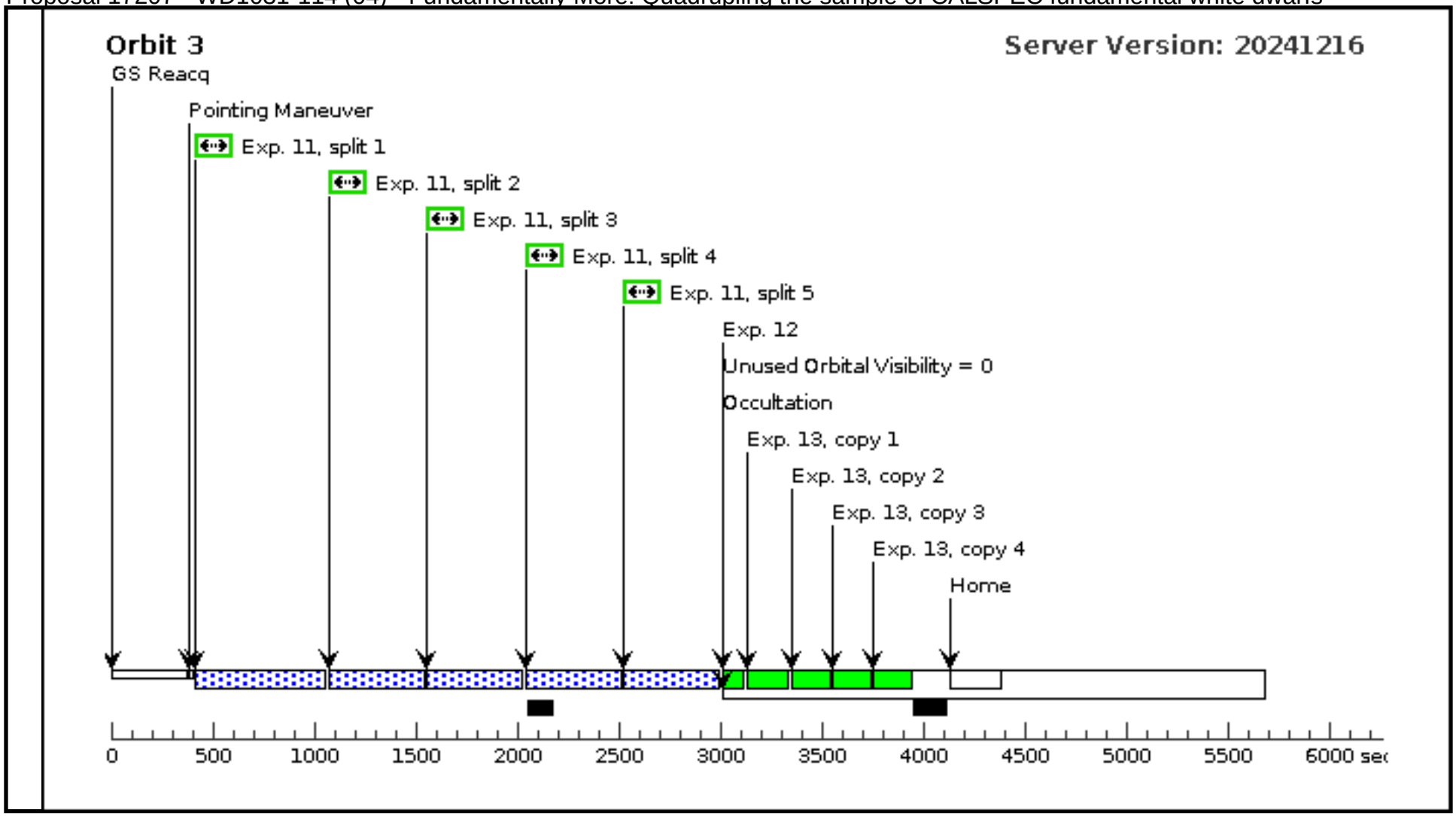
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842494)	(4) WD1031-114	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	STIS G230LB (STIS.sp.732777)	(4) WD1031-114	STIS/CCD, ACCUM, 52X2	G230LB 2375 A	WAVECAL=NO; CR-SPLIT=5			2155 Secs (2035 Secs) *[==>407.0 Secs (Split 1)]* *[==>407.0 Secs (Split 2)]* *[==>407.0 Secs (Split 3)]* *[==>407.0 Secs (Split 4)]* *[==>407.0 Secs (Split 5)]*	***[1]***
3	2 G230LB-wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G230LB 2375 A				*[==>]*	***[1]***
4	STIS ACQ (STIS.ta.1842502)	(4) WD1031-114	STIS/CCD, ACQ/PEAK, 52X0.1	MIRROR				1 Secs (1 Secs) *[==>]*	***[2]***
Comments: Please confirm that I have my first use of a peakup correct and correctly positioned. thanks, ralph									
5	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[2]***
6	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[2]***
7	STIS G140L (STIS.sp.1814904)	(4) WD1031-114	STIS/FUV-MAMA, ACCUM, 52X0.1	G140L 1425 A	WAVECAL=NO			1418 Secs (1370 Secs) *[==>1370.0 Secs]*	***[2]***
Comments: Narrow slit to avoid BOP excess count rate.									
8	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[2]***
9	STIS G430L E1 (STIS.sp.732780)	(4) WD1031-114	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			400 Secs (304 Secs) *[==>152.0 Secs (Split 1)]* *[==>152.0 Secs (Split 2)]*	***[2]***
10	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[2]***
11	STIS G750L (STIS.sp.727504)	(4) WD1031-114	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2360 Secs (2205 Secs) *[==>441.0 Secs (Split 1)]* *[==>441.0 Secs (Split 2)]* *[==>441.0 Secs (Split 3)]* *[==>441.0 Secs (Split 4)]* *[==>441.0 Secs (Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
12	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***

	13	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4	120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[3]***

Orbit Structure




Orbit 2
Server Version: 20241216
Pointing Maneuver
Exp. 8
GS Reacq
Exp. 9, split 1
Pointing Maneuver
Exp. 9, split 2
Exp. 5
Unused Orbital Visibility = 2
Exp. 6
Exp. 10
Exp. 4
Exp. 7
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec


Orbit 3
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 11, split 1
Exp. 11, split 2
Exp. 11, split 3
Exp. 11, split 4
Exp. 11, split 5
Exp. 12
Unused Orbital Visibility = 0
Occultation
Exp. 13, copy 1
Exp. 13, copy 2
Exp. 13, copy 3
Exp. 13, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, WD1031-114 (4R), completed Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: BEFORE 01-MAR-2025:00:00:00

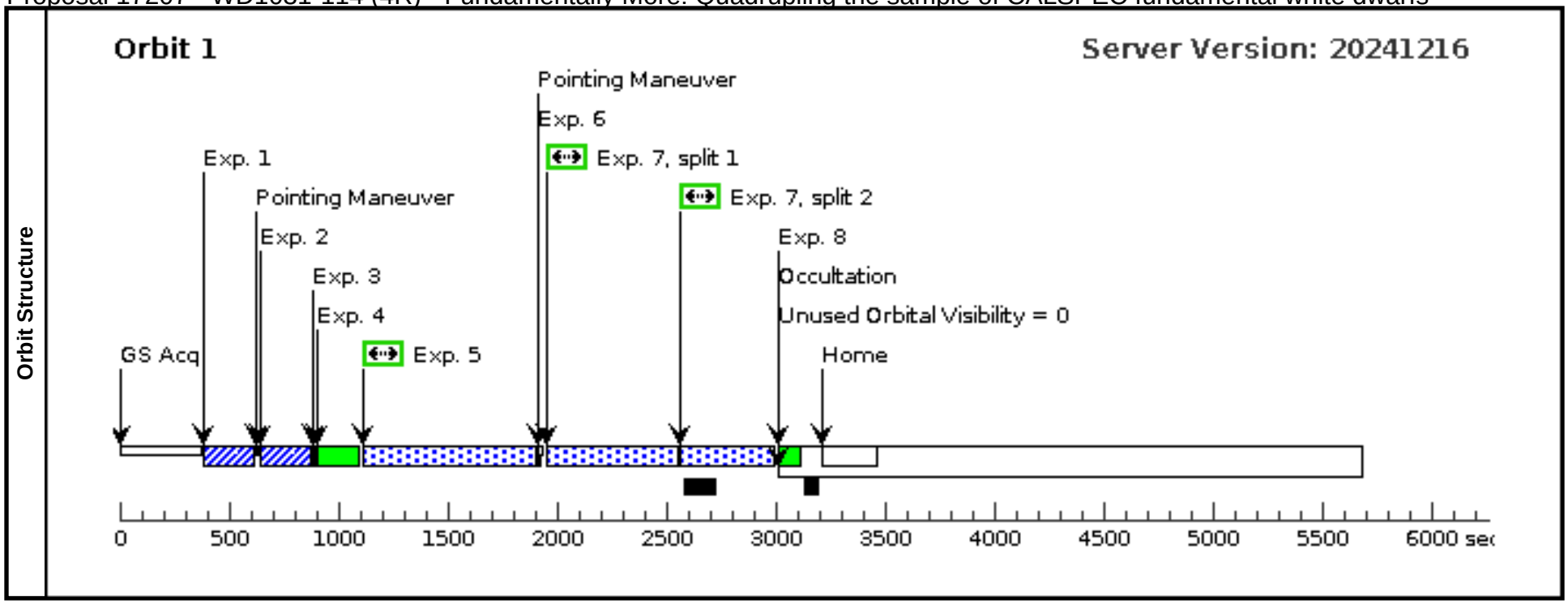
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	WD1031-114 Alt Name1: EGGR70+LTT3870	RA: 10 33 42.4000 (158.4266667d) Dec: -11 41 38.77 (-11.69410d) Equinox: J2000	Proper Motion RA: -0.023415962709058078 sec of time/yr Proper Motion Dec: -0.027989000045636203 arcsec/yr Epoch of Position: 2015.5	V=13.012	Reference Frame: ICRS

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STAR
Description=[DA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842494)	(4) WD1031-114	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	STIS ACQ (STIS.ta.1842502)	(4) WD1031-114	STIS/CCD, ACQ/PEAK, 52X0.1	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
3	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[1]***
4	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[1]***
5	STIS G140L (STIS.sp.1814904)	(4) WD1031-114	STIS/FUV-MAMA, ACCUM, 52X0.1	G140L 1425 A	WAVECAL=NO			763 Secs (763 Secs) *[==>]*	***[1]***
	Comments: Narrow slit to avoid BOP excess count rate.								
6	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[1]***
7	STIS G430L E1 (STIS.sp.732780)	(4) WD1031-114	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			800 Secs (800 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
8	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20241216
Pointing Maneuver
Exp. 6
Exp. 1
Exp. 7, split 1
Pointing Maneuver
Exp. 7, split 2
Exp. 2
Exp. 8
Exp. 3
Occultation
Exp. 4
Unused Orbital Visibility = 0
GS Acq
Exp. 5
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, WD0205+250 (05), failed Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: (none)

Diagnostics

(WD0205+250 (05)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(WD0205+250 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(WD0205+250 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(WD0205+250 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

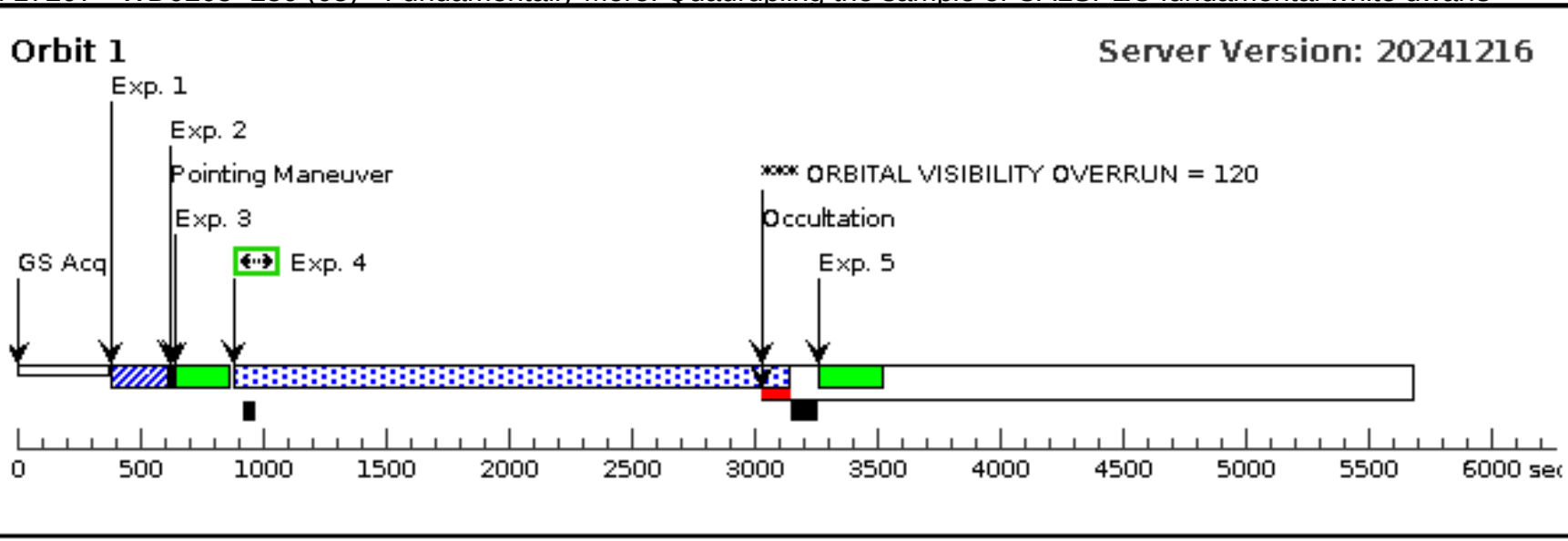
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	WD0205+250 Alt Name1: LAWD11+LTT10723	RA: 02 08 47.6975 (32.1987396d) Dec: +25 14 8.11 (25.23559d) Equinox: J2000	Proper Motion RA: 0.030878502305554847 sec of time/yr Proper Motion Dec: -0.12007899995296611 arcsec/yr Epoch of Position: 2015.5	V=13.1	Reference Frame: ICRS

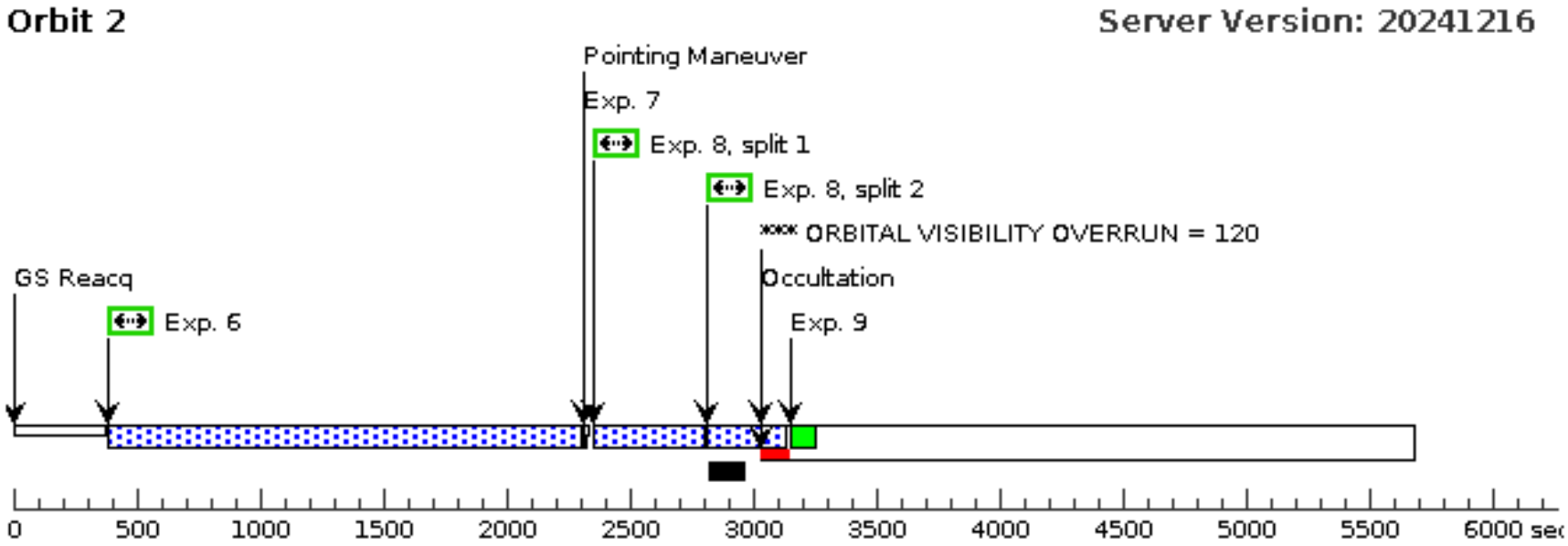
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=EXT-STAR
Description=[DA]

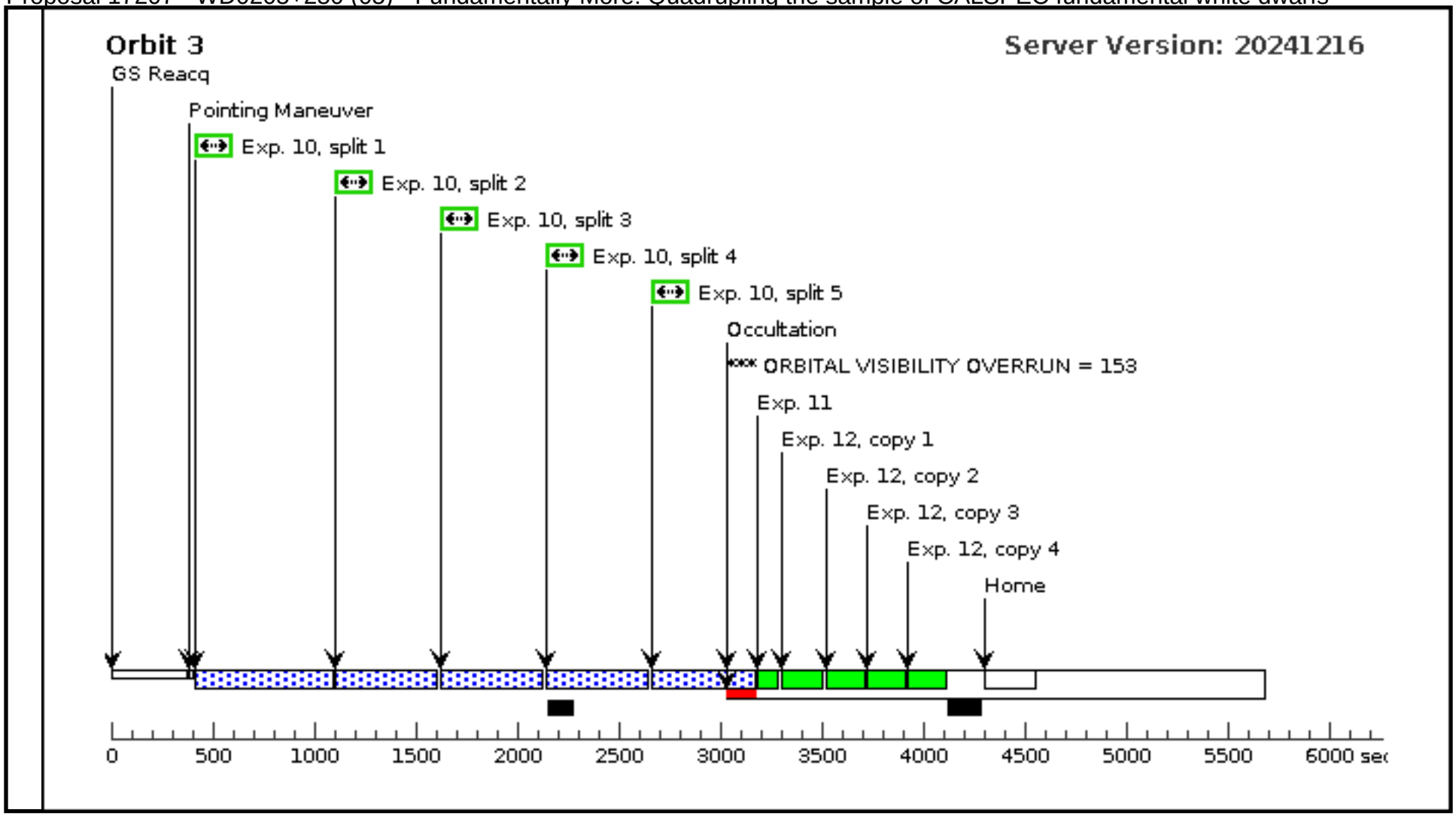
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842495)	(5) WD0205+250	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[1]***
3	STIS G230L Wave	WAVE	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	G230L 2376 A				*[==>]*	***[1]***
4	STIS G230L (STIS.sp.732777)	(5) WD0205+250	STIS/NUV-MAMA, ACCUM, 52X2	G230L 2376 A	WAVECAL=NO			2219 Secs (2219 Secs) *[==>]*	***[1]***
5	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[1]***
6	STIS G140L (STIS.sp.732775)	(5) WD0205+250	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A	WAVECAL=NO			1870 Secs (1870 Secs) *[==>]*	***[2]***
Comments: BOT has a safety warning but it comes from our target, and the ETC information above confirms the safety of the observations.									
7	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[2]***
8	STIS G430L E1 (STIS.sp.732780)	(5) WD0205+250	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			580 Secs (580 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
9	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[2]***
10	STIS G750L (STIS.sp.727504)	(5) WD0205+250	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2375 Secs (2375 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
11	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
12	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[3]***

Orbit Structure






Orbit 3
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 10, split 1
Exp. 10, split 2
Exp. 10, split 3
Exp. 10, split 4
Exp. 10, split 5
Occultation
**** ORBITAL VISIBILITY OVERRUN = 153
Exp. 11
Exp. 12, copy 1
Exp. 12, copy 2
Exp. 12, copy 3
Exp. 12, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, WD0205+250 (5R), completed Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS

Special Requirements: (none)

Comments: repeat 1 orbit of visit 5 per HOPR 92772

Fixed Targets

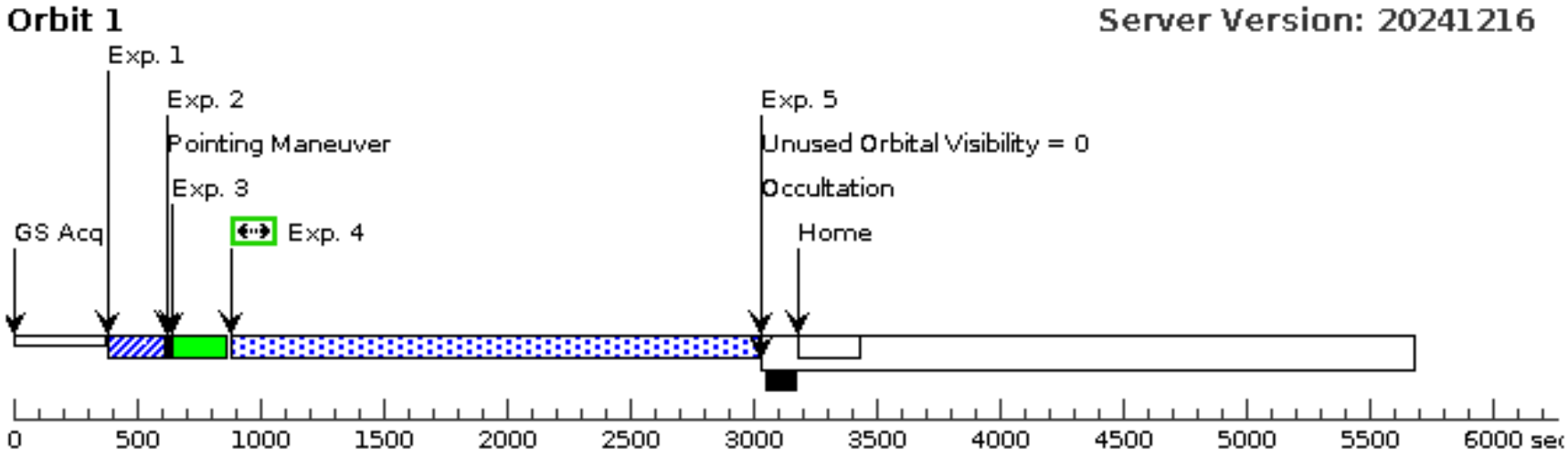
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	WD0205+250 Alt Name1: LAWD11+LTT10723	RA: 02 08 47.6975 (32.1987396d) Dec: +25 14 8.11 (25.23559d) Equinox: J2000	Proper Motion RA: 0.030878502305554847 sec of time/yr Proper Motion Dec: -0.12007899995296611 arcsec/yr Epoch of Position: 2015.5	V=13.1	Reference Frame: ICRS

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=EXT-STAR
Description=[DA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842495)	(5) WD0205+250	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	*[1]*
2	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	*[1]*
3	STIS G230L Wave	WAVE	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	G230L 2376 A				*[==>]*	*[1]*
4	STIS G230L (STIS.sp.732777)	(5) WD0205+250	STIS/NUV-MAMA, ACCUM, 52X2	G230L 2376 A	WAVECAL=NO			2148 Secs (2099 Secs) *[==>2099.0 Secs]*	*[1]*
5	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	*[1]*

Orbit Structure



Visit

Proposal 17207, HZ14 (06), completed Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: (none)

Diagnostics

(HZ14 (06)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(HZ14 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(HZ14 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(HZ14 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

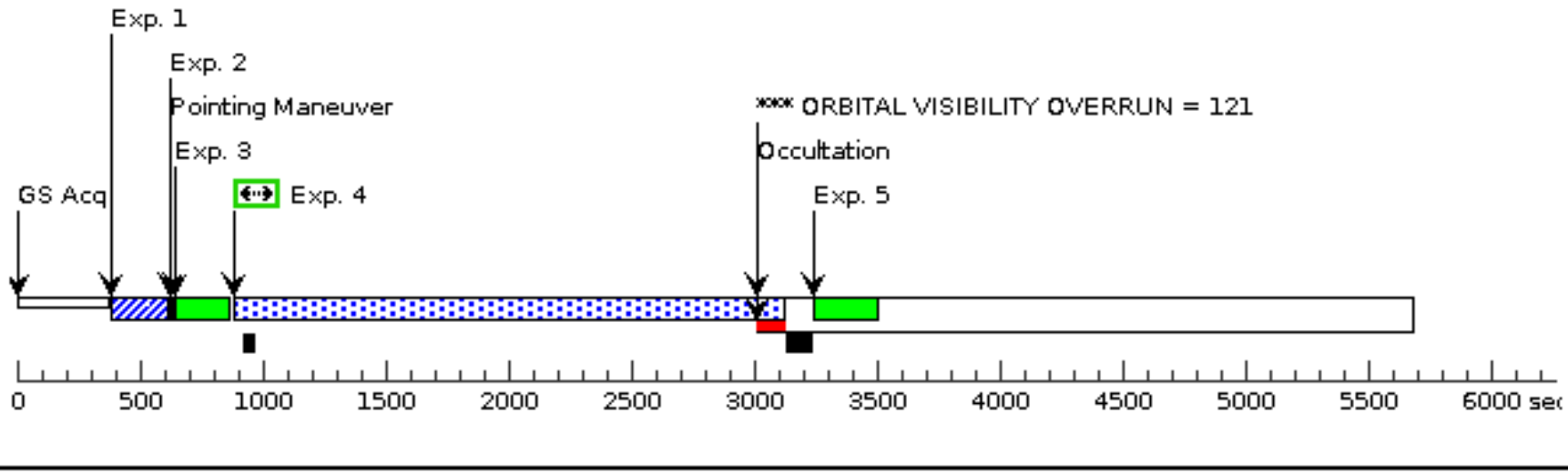
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	HZ14	RA: 04 41 1.8360 (70.2576500d) Dec: +10 59 39.83 (10.99440d) Equinox: J2000	Proper Motion RA: 0.0062055646333736844 sec of time/yr Proper Motion Dec: -0.010777999932543025 arcsec/yr Epoch of Position: 2015.5	V=13.86	Reference Frame: ICRS

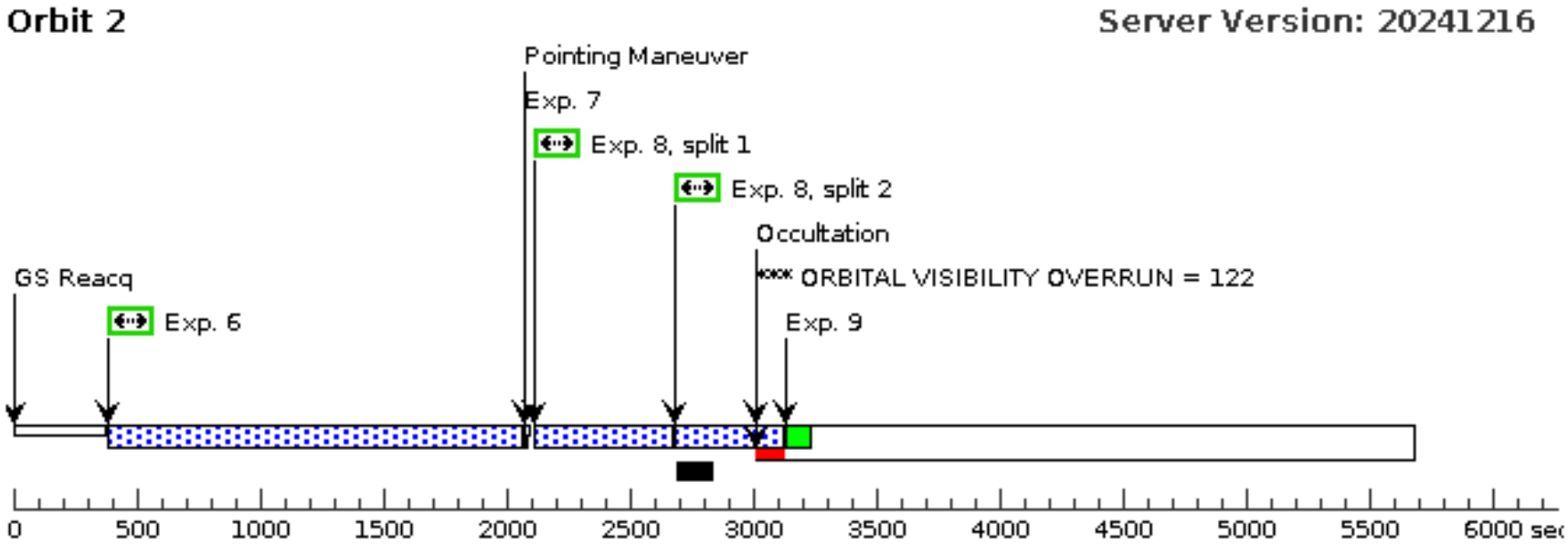
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=EXT-STAR
Description=[DA]

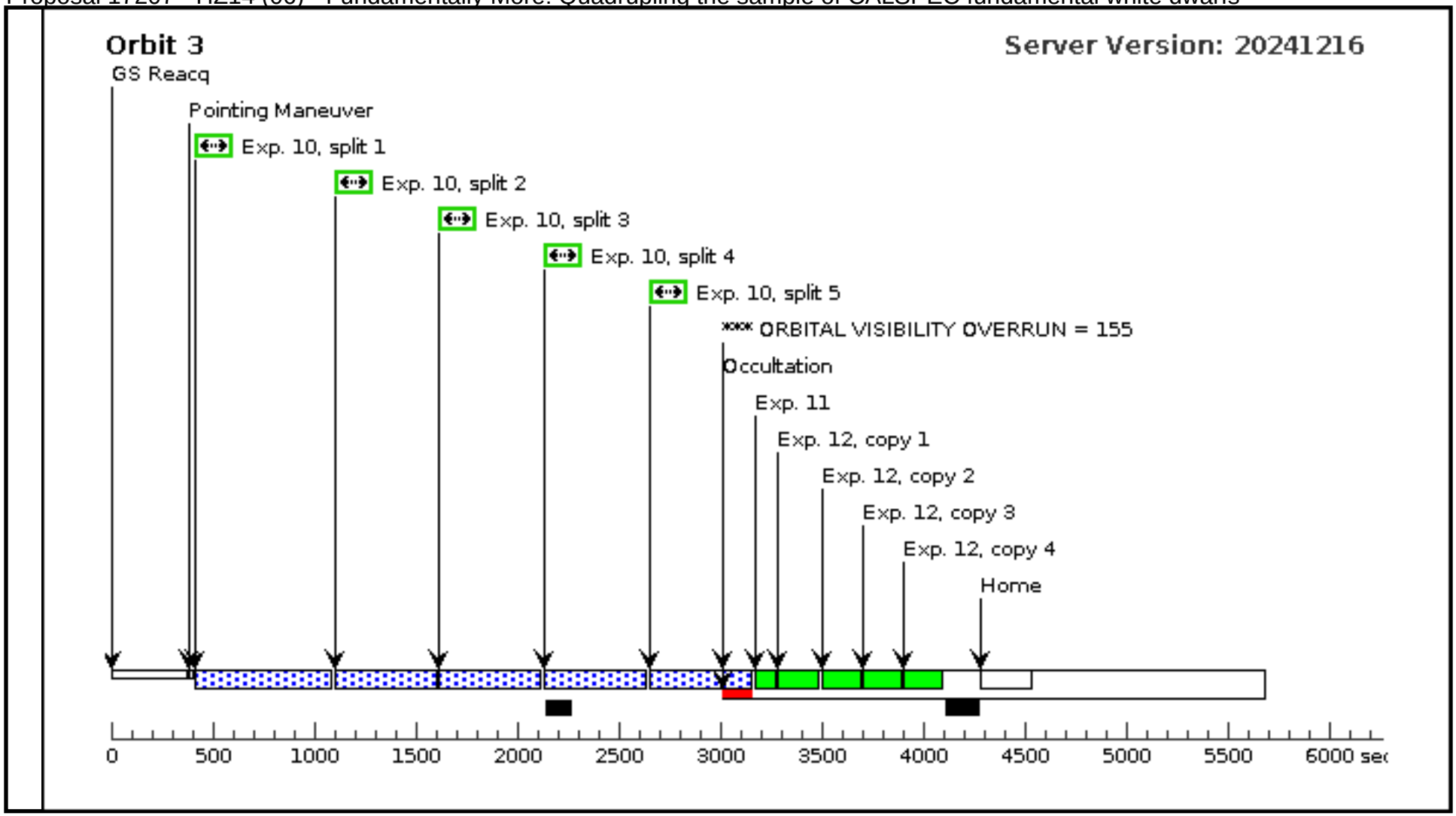
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842496)	(6) HZ14	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[1]***
3	STIS G230L Wave	WAVE	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	G230L 2376 A				*[==>]*	***[1]***
4	STIS G230L (STIS.sp.732777)	(6) HZ14	STIS/NUV-MAMA, ACCUM, 52X2	G230L 2376 A	WAVECAL=NO			2203 Secs (2203 Secs) *[==>]*	***[1]***
5	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[1]***
6	STIS G140L (STIS.sp.732775)	(6) HZ14	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A	WAVECAL=NO			1627 Secs (1627 Secs) *[==>]*	***[2]***
Comments: BOT has a safety warning but it comes from our target, and the ETC information above confirms the safety of the observations.									
7	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[2]***
8	STIS G430L E1 (STIS.sp.732780)	(6) HZ14	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			808 Secs (808 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
9	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[2]***
10	STIS G750L (STIS.sp.727504)	(6) HZ14	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2360 Secs (2360 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
11	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
12	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[3]***

Orbit Structure






Orbit 3
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 10, split 1
Exp. 10, split 2
Exp. 10, split 3
Exp. 10, split 4
Exp. 10, split 5
*** ORBITAL VISIBILITY OVERRUN = 155
Occultation
Exp. 11
Exp. 12, copy 1
Exp. 12, copy 2
Exp. 12, copy 3
Exp. 12, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Proposal 17207 - HZ2 (07) - Fundamentally More: Quadrupling the sample of CALSPEC fundamental white dwarfs

Visit

Proposal 17207, HZ2 (07), failed Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: (none)

Diagnostics

(HZ2 (07)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(HZ2 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(HZ2 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(HZ2 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

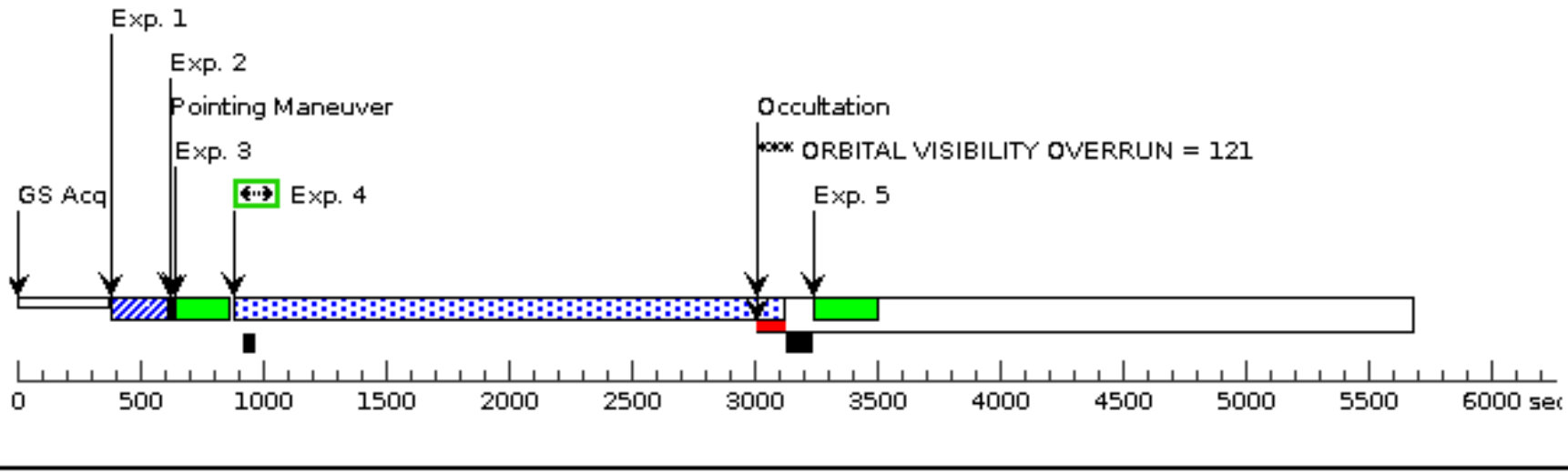
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	HZ2	RA: 04 12 43.6175 (63.1817396d) Dec: +11 51 47.57 (11.86321d) Equinox: J2000	Proper Motion RA: 0.00403035020630385 sec of time/yr Proper Motion Dec: -0.09101600001031329 arcsec/yr Epoch of Position: 2015.5	V=13.877	Reference Frame: ICRS

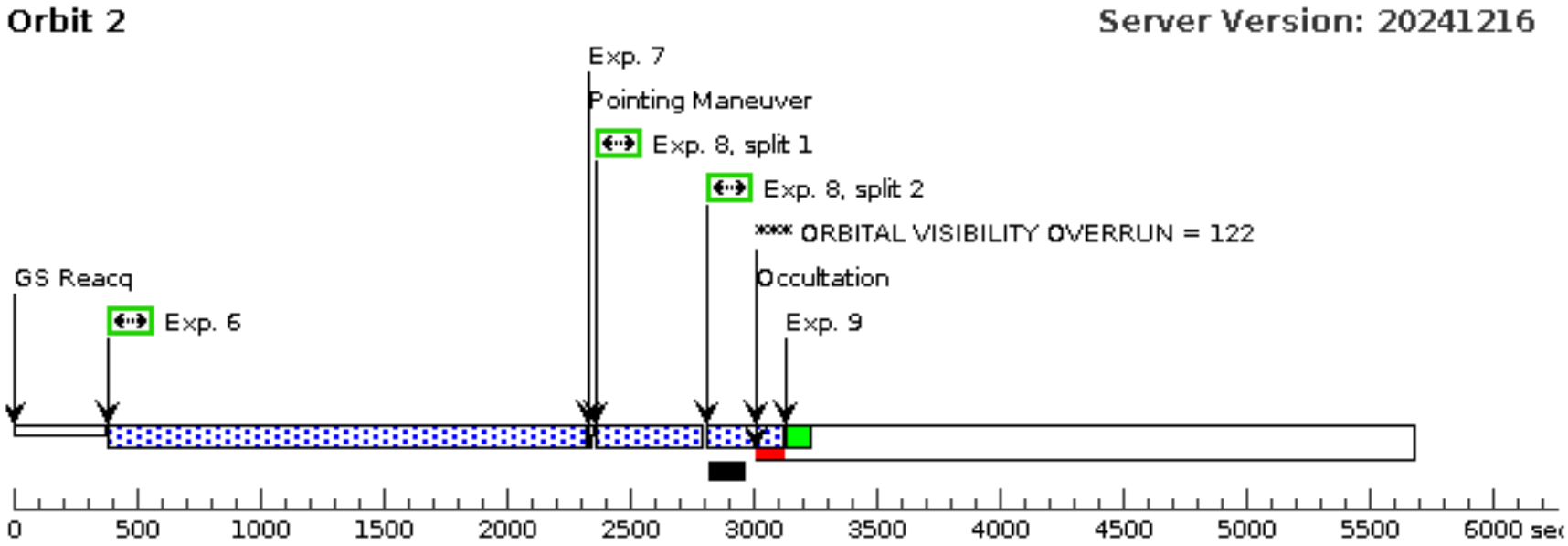
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=EXT-STAR
Description=[DA]

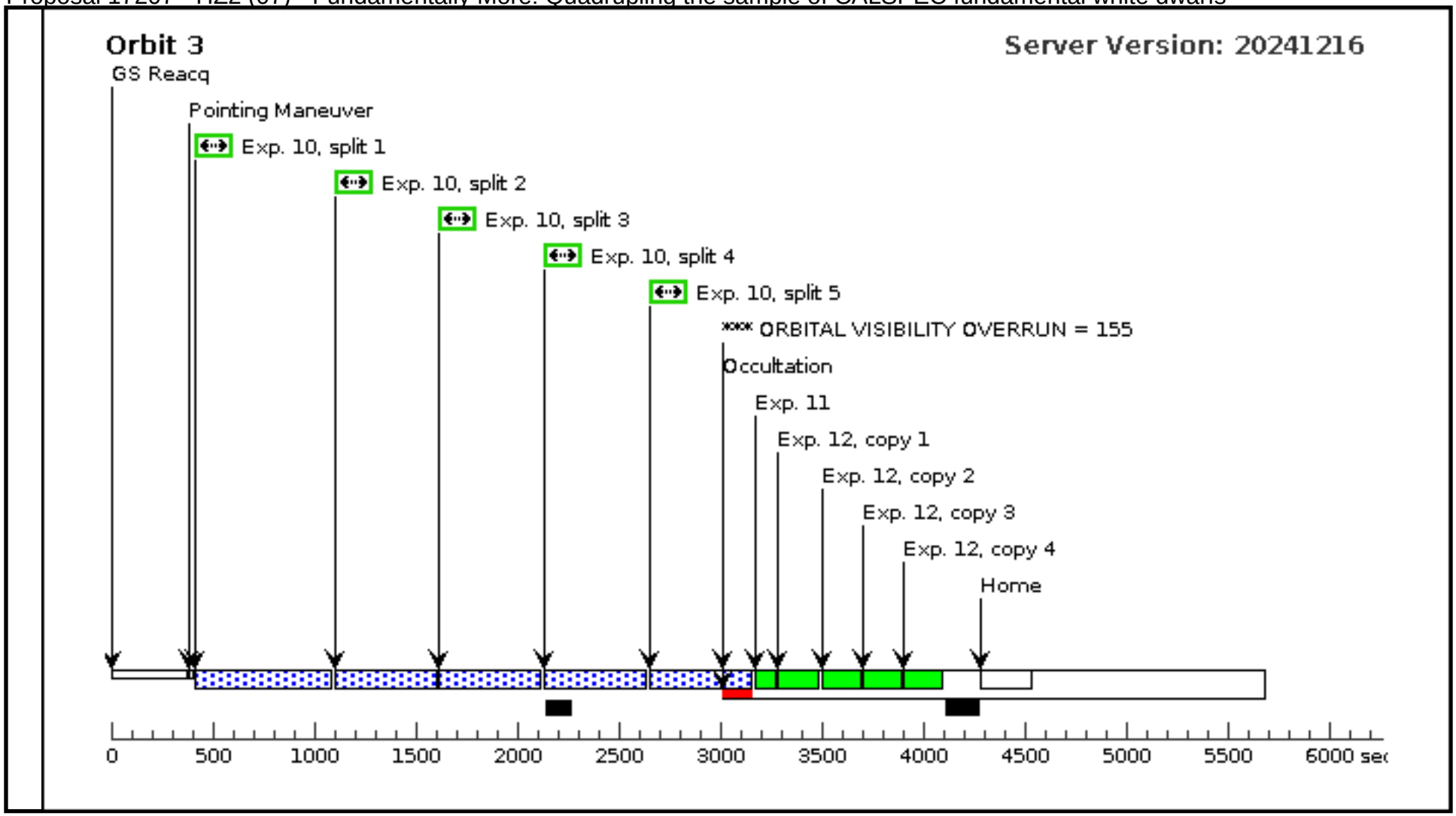
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842497)	(7) HZ2	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[1]***
3	STIS G230L Wave	WAVE	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	G230L 2376 A				*[==>]*	***[1]***
4	STIS G230L (STIS.sp.732777)	(7) HZ2	STIS/NUV-MAMA, ACCUM, 52X2	G230L 2376 A	WAVECAL=NO			2203 Secs (2203 Secs) *[==>]*	***[1]***
5	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[1]***
6	STIS G140L (STIS.sp.732775)	(7) HZ2	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A	WAVECAL=NO			1885 Secs (1885 Secs) *[==>]*	***[2]***
Comments: BOT has a safety warning but it comes from our target, and the ETC information above confirms the safety of the observations.									
7	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[2]***
8	STIS G430L E1 (STIS.sp.732780)	(7) HZ2	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			550 Secs (550 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
9	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[2]***
10	STIS G750L (STIS.sp.727504)	(7) HZ2	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2360 Secs (2360 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
11	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
12	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[3]***

Orbit Structure






Orbit 3
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 10, split 1
Exp. 10, split 2
Exp. 10, split 3
Exp. 10, split 4
Exp. 10, split 5
*** ORBITAL VISIBILITY OVERRUN = 155
Occultation
Exp. 11
Exp. 12, copy 1
Exp. 12, copy 2
Exp. 12, copy 3
Exp. 12, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Proposal 17207 - HZ2 (13) - Fundamentally More: Quadrupling the sample of CALSPEC fundamental white dwarfs

Visit

Proposal 17207, HZ2 (13), completed Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: (none)

Diagnostics

(HZ2 (13)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(HZ2 (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(HZ2 (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(HZ2 (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

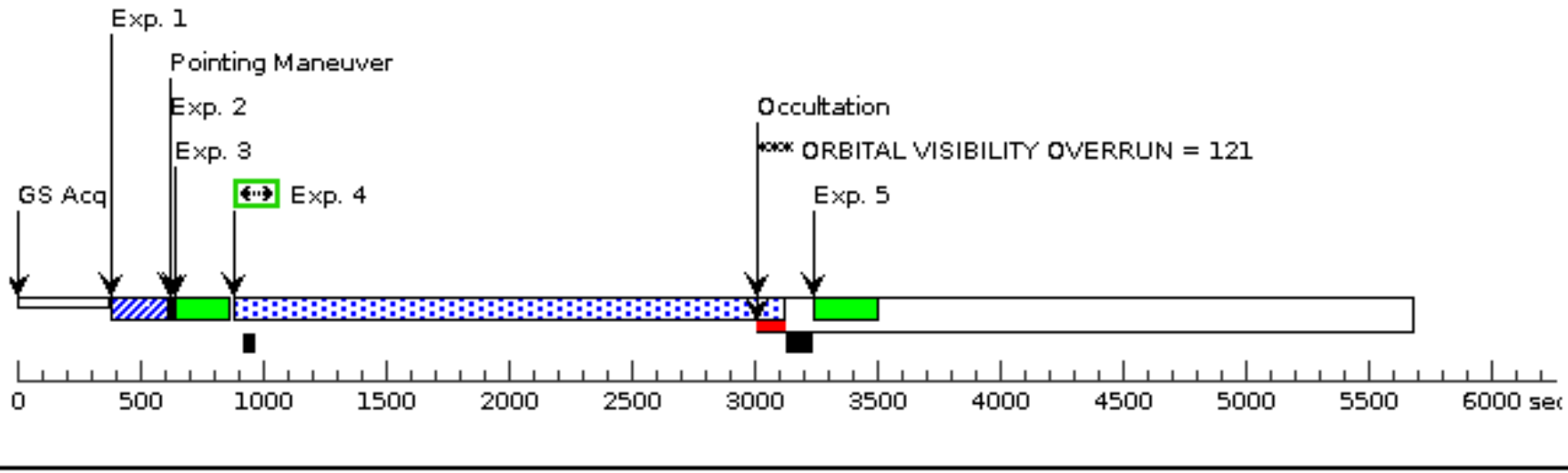
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	HZ2	RA: 04 12 43.6175 (63.1817396d) Dec: +11 51 47.57 (11.86321d) Equinox: J2000	Proper Motion RA: 0.00403035020630385 sec of time/yr Proper Motion Dec: -0.09101600001031329 arcsec/yr Epoch of Position: 2015.5	V=13.877	Reference Frame: ICRS

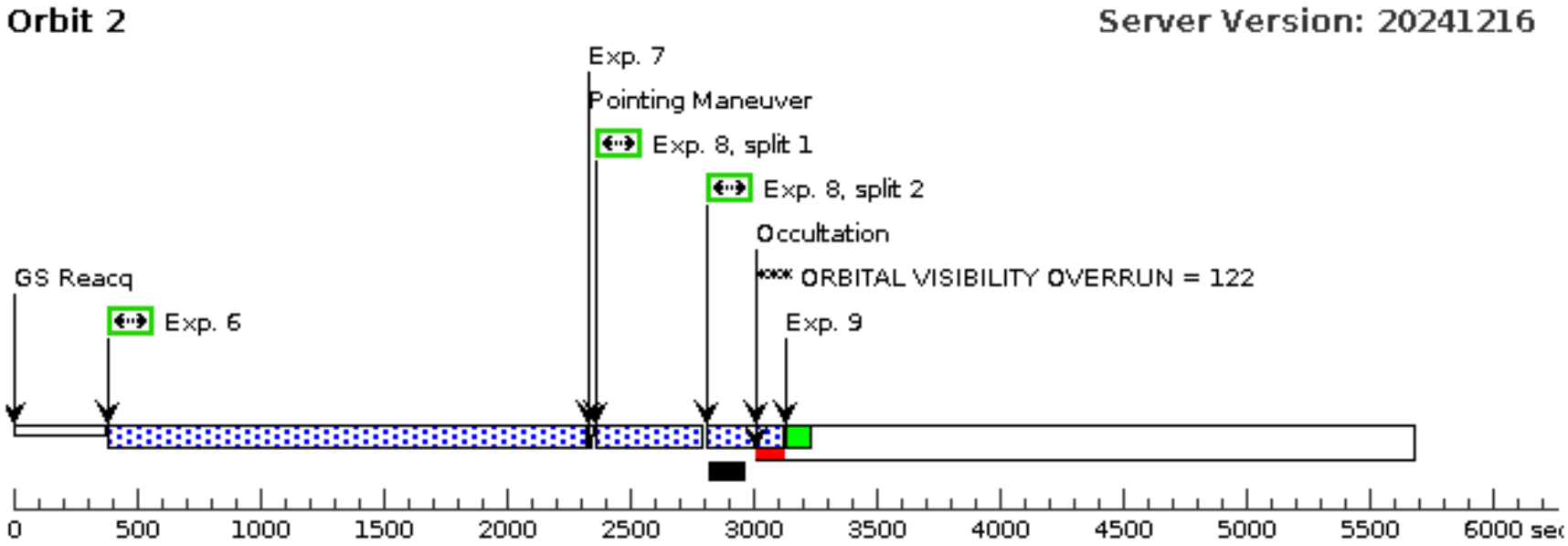
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=EXT-STAR
Description=[DA]

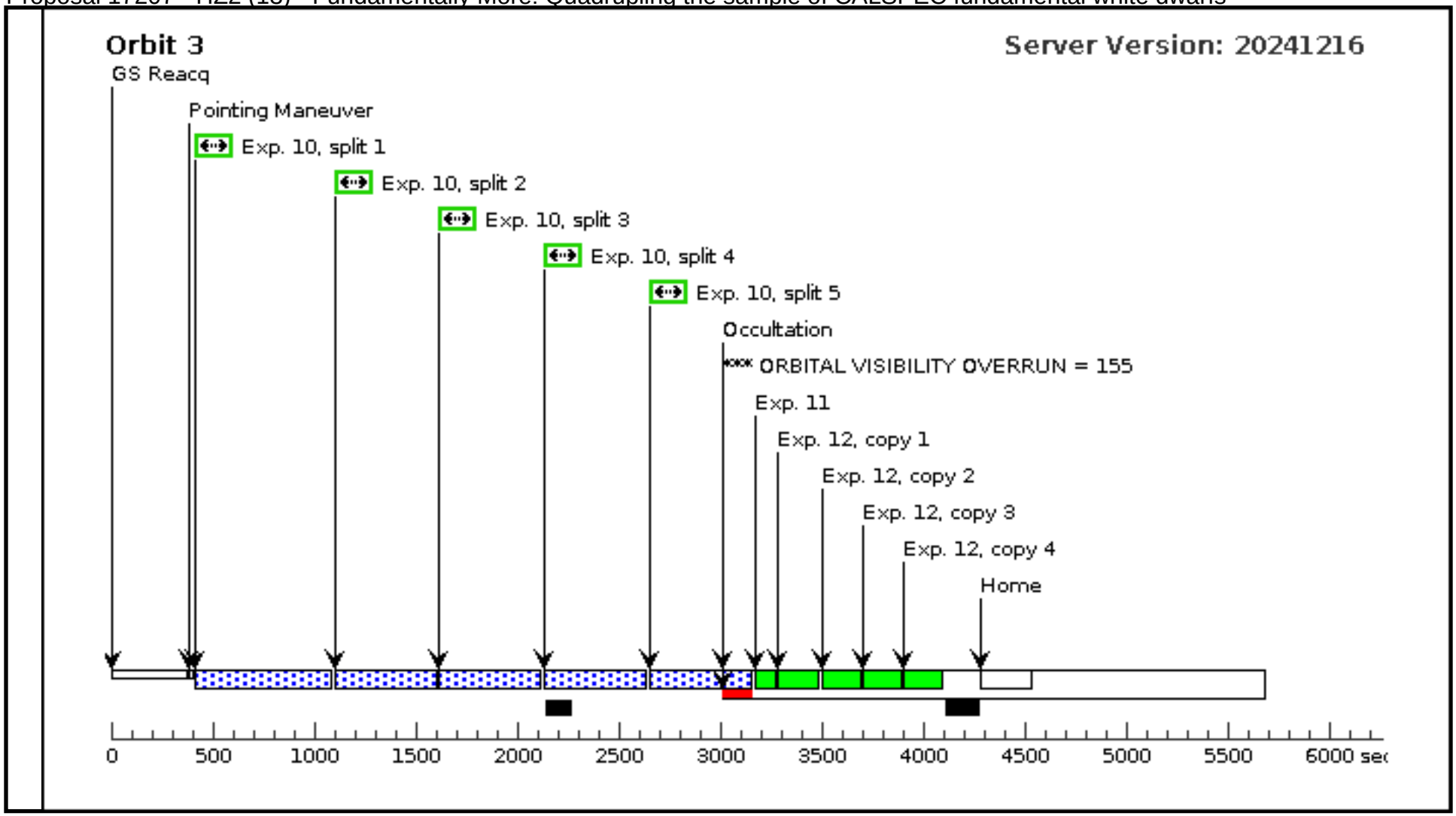
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842497)	(7) HZ2	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[1]***
3	STIS G230L Wave	WAVE	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	G230L 2376 A				*[==>]*	***[1]***
4	STIS G230L (STIS.sp.732777)	(7) HZ2	STIS/NUV-MAMA, ACCUM, 52X2	G230L 2376 A	WAVECAL=NO			2203 Secs (2203 Secs) *[==>]*	***[1]***
5	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[1]***
6	STIS G140L (STIS.sp.732775)	(7) HZ2	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A	WAVECAL=NO			1885 Secs (1885 Secs) *[==>]*	***[2]***
Comments: BOT has a safety warning but it comes from our target, and the ETC information above confirms the safety of the observations.									
7	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[2]***
8	STIS G430L E1 (STIS.sp.732780)	(7) HZ2	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			550 Secs (550 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
9	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[2]***
10	STIS G750L (STIS.sp.727504)	(7) HZ2	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2360 Secs (2360 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
11	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
12	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[3]***

Orbit Structure






Orbit 3
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 10, split 1
Exp. 10, split 2
Exp. 10, split 3
Exp. 10, split 4
Exp. 10, split 5
Occultation
**** ORBITAL VISIBILITY OVERRUN = 155
Exp. 11
Exp. 12, copy 1
Exp. 12, copy 2
Exp. 12, copy 3
Exp. 12, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, GD50 (08), completed Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: (none)

Diagnostics

(GD50 (08)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(GD50 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(GD50 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(GD50 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

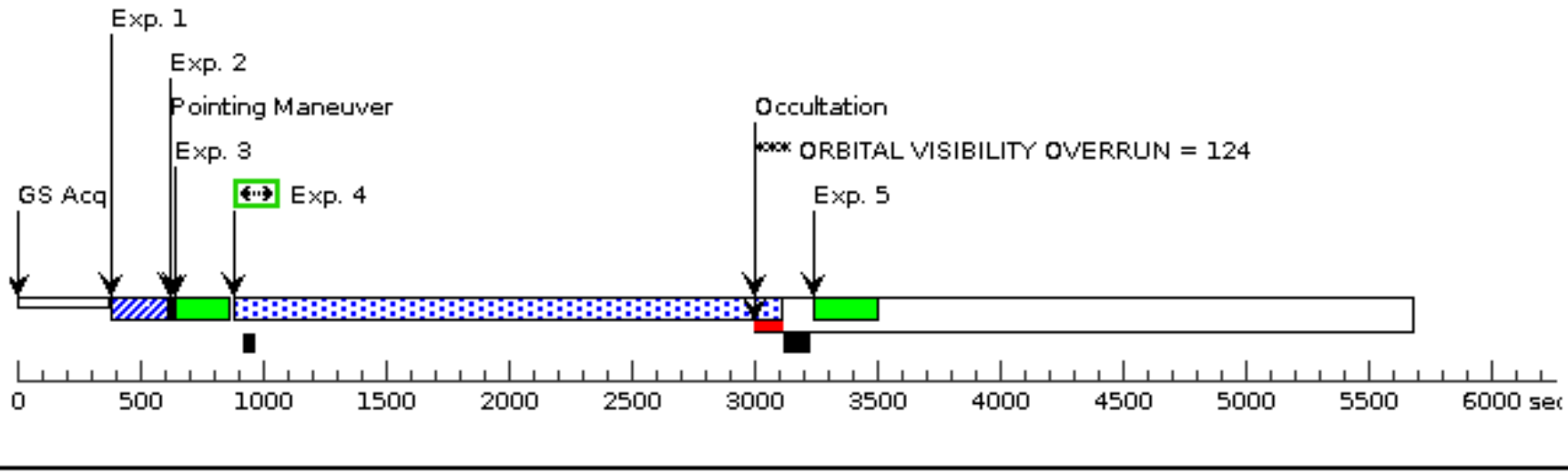
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	GD50	RA: 03 48 50.2734 (57.2094725d) Dec: -00 58 34.82 (-.97634d) Equinox: J2000	Proper Motion RA: 0.005642285827975648 sec of time/yr Proper Motion Dec: -0.1629520000278717 arcsec/yr Epoch of Position: 2015.5	V=14.063	Reference Frame: ICRS

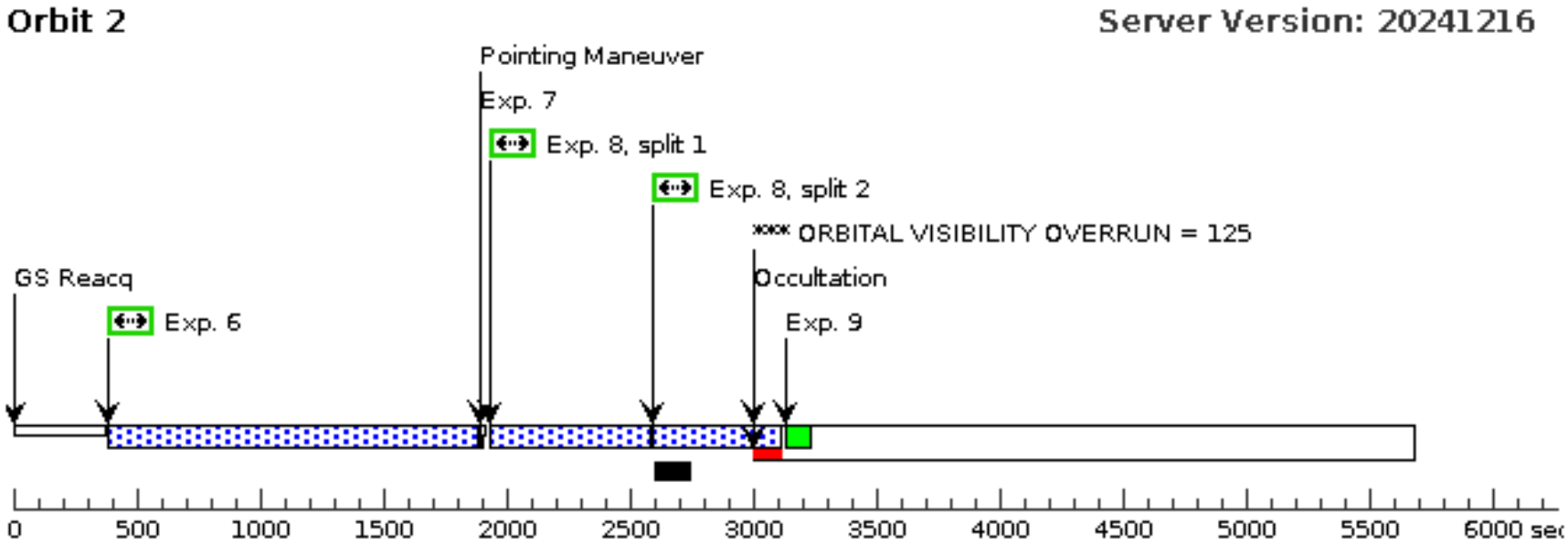
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=EXT-STAR
Description=[DA]

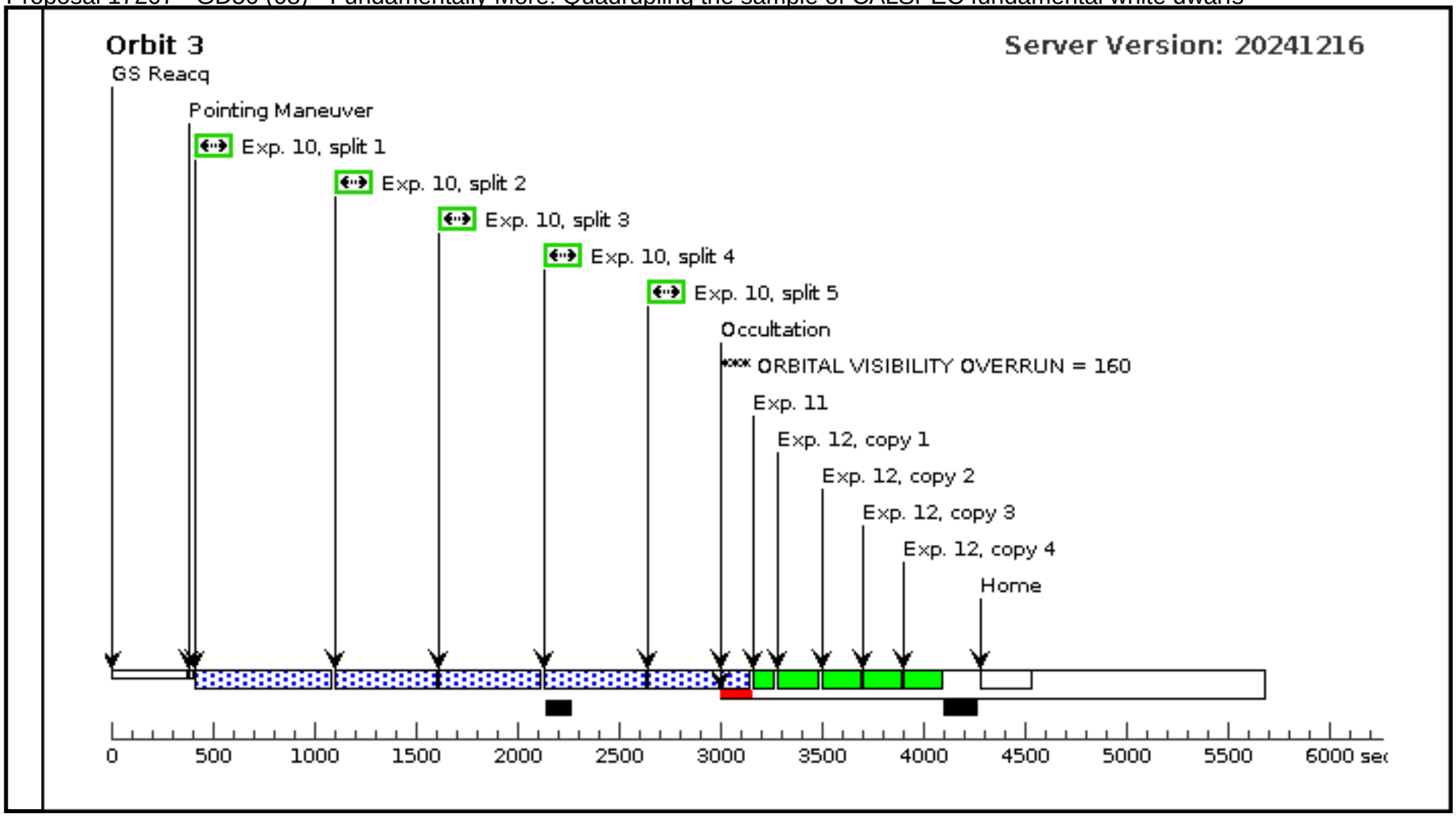
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842498)	(8) GD50	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[1]***
3	STIS G230L Wave	WAVE	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	G230L 2376 A				*[==>]*	***[1]***
4	STIS G230L (STIS.sp.732777)	(8) GD50	STIS/NUV-MAMA, ACCUM, 52X2	G230L 2376 A	WAVECAL=NO			2196 Secs (2196 Secs) *[==>]*	***[1]***
5	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[1]***
6	STIS G140L (STIS.sp.732775)	(8) GD50	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A	WAVECAL=NO			1448 Secs (1448 Secs) *[==>]*	***[2]***
Comments: BOT has a safety warning but it comes from our target, and the ETC information above confirms the safety of the observations.									
7	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[2]***
8	STIS G430L E1 (STIS.sp.732780)	(8) GD50	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			980 Secs (980 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
9	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[2]***
10	STIS G750L (STIS.sp.727504)	(8) GD50	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2355 Secs (2355 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
11	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
12	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[3]***

Orbit Structure






Orbit 3
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 10, split 1
Exp. 10, split 2
Exp. 10, split 3
Exp. 10, split 4
Exp. 10, split 5
Occultation
**** ORBITAL VISIBILITY OVERRUN = 160
Exp. 11
Exp. 12, copy 1
Exp. 12, copy 2
Exp. 12, copy 3
Exp. 12, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, WD1052+273 (09), failed Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: (none)

Diagnostics

(WD1052+273 (09)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(WD1052+273 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(WD1052+273 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(WD1052+273 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

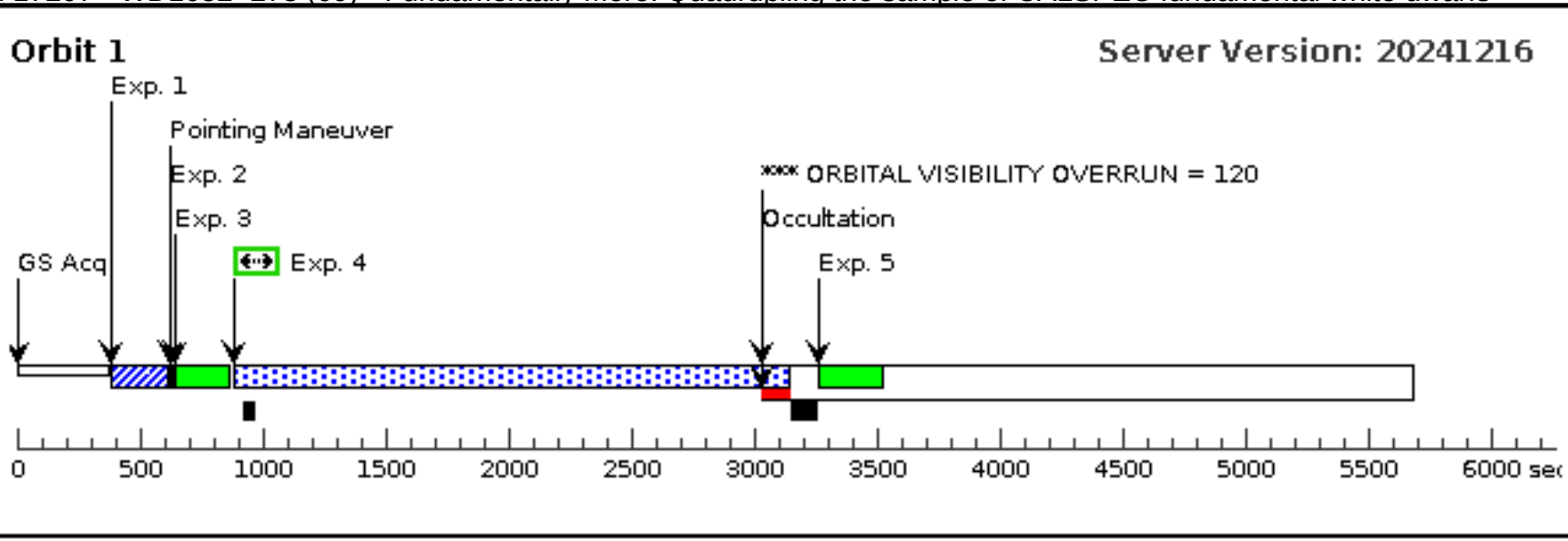
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	WD1052+273 Alt Name1: TON556	RA: 10 54 43.1481 (163.6797838d) Dec: +27 06 56.52 (27.11570d) Equinox: J2000	Proper Motion RA: -0.010880872280887209 sec of time/yr Proper Motion Dec: -0.03373899994585372 arcsec/yr Epoch of Position: 2015.5	V=14.22	Reference Frame: ICRS

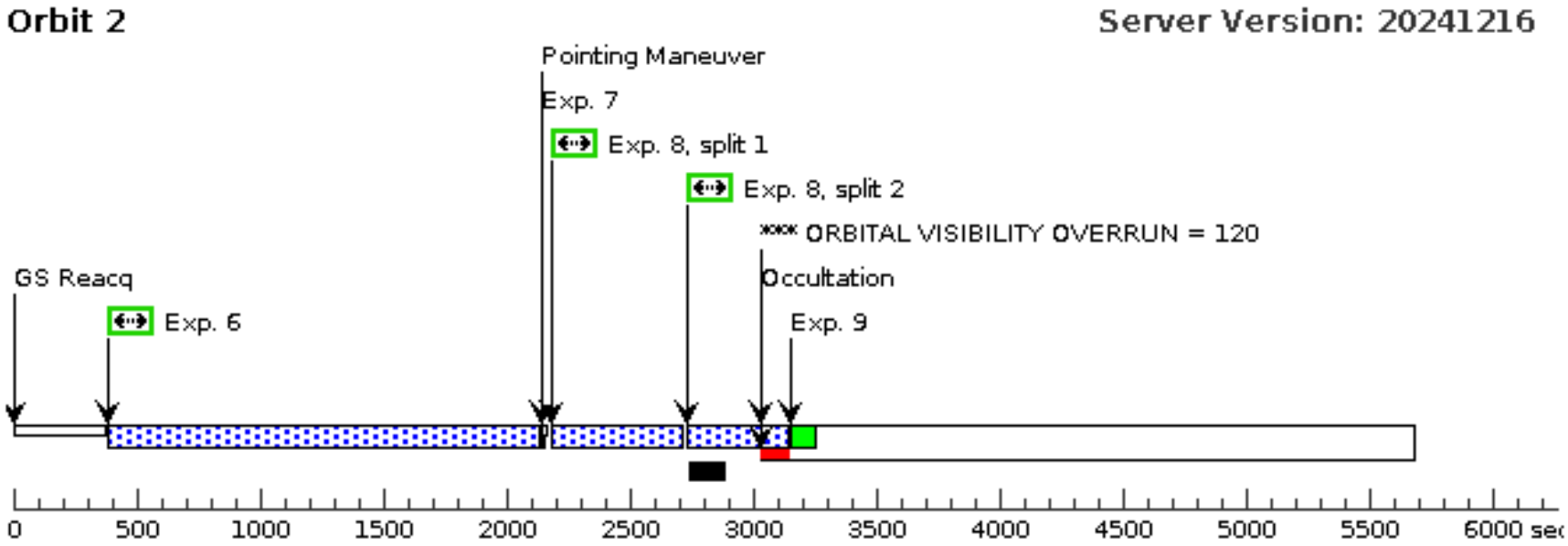
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=EXT-STAR
Description=[DA]

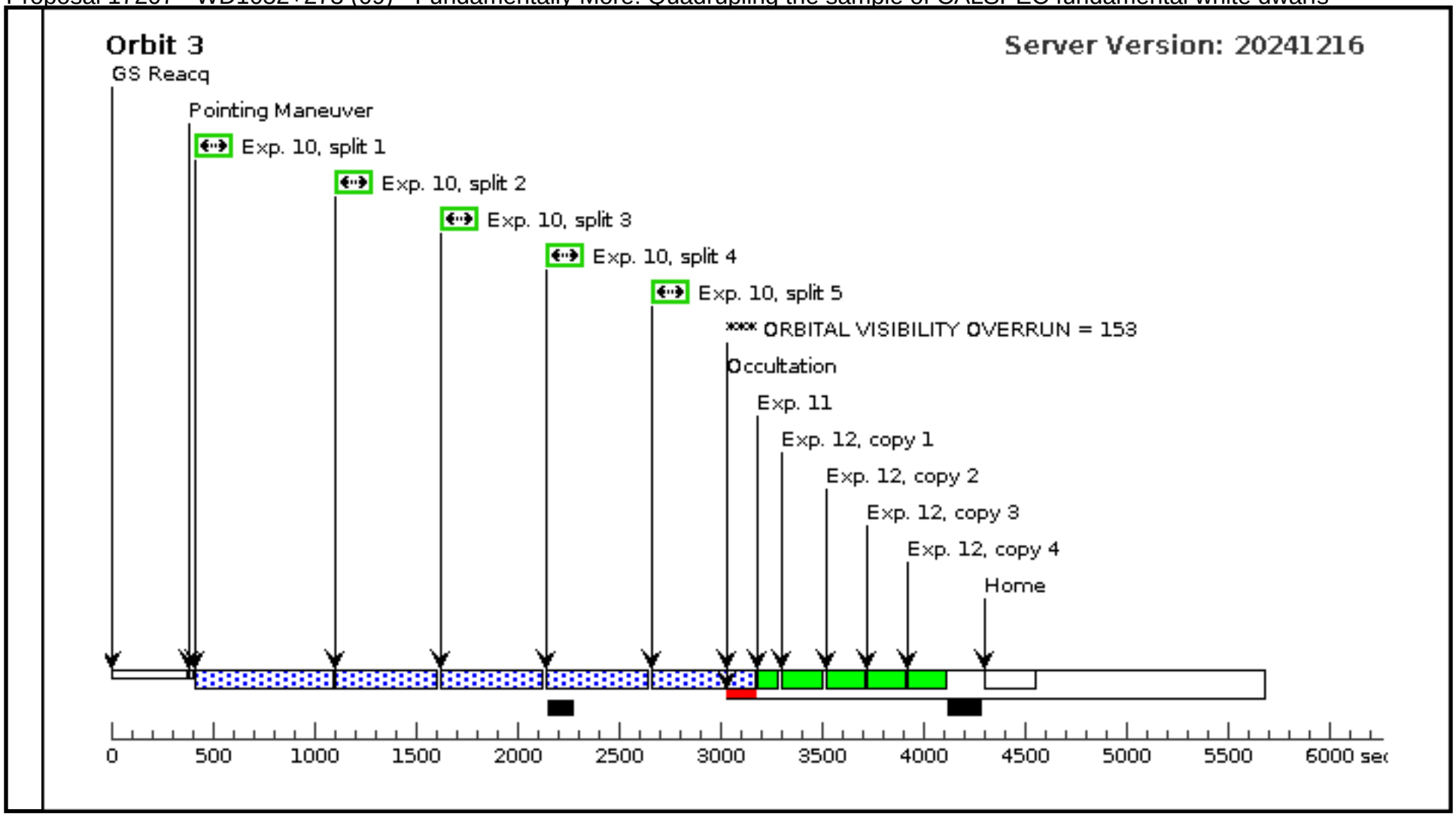
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842499)	(9) WD1052+273	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[1]***
3	STIS G230L Wave	WAVE	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	G230L 2376 A				*[==>]*	***[1]***
4	STIS G230L (STIS.sp.732777)	(9) WD1052+273	STIS/NUV-MAMA, ACCUM, 52X2	G230L 2376 A	WAVECAL=NO			2219 Secs (2219 Secs) *[==>]*	***[1]***
5	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[1]***
6	STIS G140L (STIS.sp.732775)	(9) WD1052+273	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A	WAVECAL=NO			1700 Secs (1700 Secs) *[==>]*	***[2]***
Comments: BOT has a safety warning but it comes from our target, and the ETC information above confirms the safety of the observations.									
7	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[2]***
8	STIS G430L E1 (STIS.sp.732780)	(9) WD1052+273	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			750 Secs (750 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
9	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[2]***
10	STIS G750L (STIS.sp.727504)	(9) WD1052+273	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2375 Secs (2375 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
11	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
12	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[3]***

Orbit Structure






Orbit 3
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 10, split 1
Exp. 10, split 2
Exp. 10, split 3
Exp. 10, split 4
Exp. 10, split 5
**** ORBITAL VISIBILITY OVERRUN = 153
Occultation
Exp. 11
Exp. 12, copy 1
Exp. 12, copy 2
Exp. 12, copy 3
Exp. 12, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, WD1052+273 (9R), completed Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: BEFORE 01-JUL-2025:00:00:00

Fixed Targets

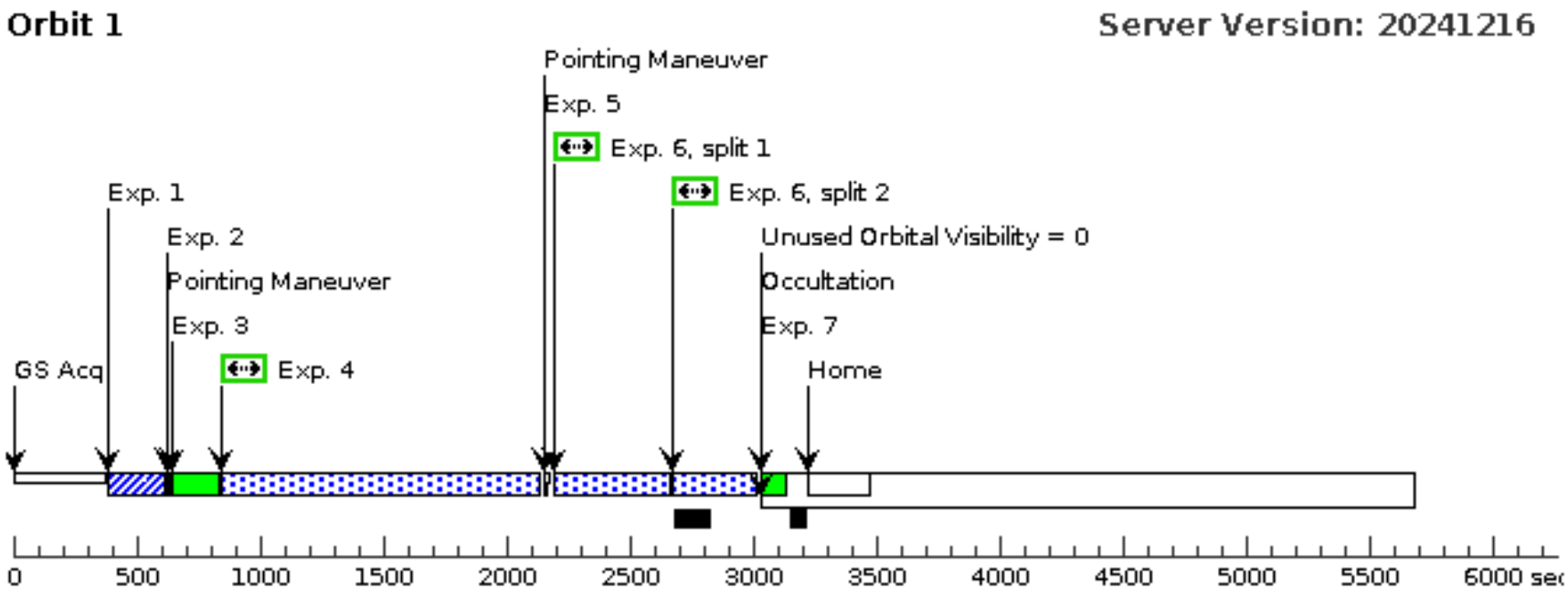
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	WD1052+273 Alt Name1: TON556	RA: 10 54 43.1481 (163.6797838d) Dec: +27 06 56.52 (27.11570d) Equinox: J2000	Proper Motion RA: -0.010880872280887209 sec of time/yr Proper Motion Dec: -0.03373899994585372 arcsec/yr Epoch of Position: 2015.5	V=14.22	Reference Frame: ICRS

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=EXT-STAR
Description=[DA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842499)	(9) WD1052+273	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[1]***
3	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[1]***
4	STIS G140L (STIS.sp.732775)	(9) WD1052+273	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A	WAVECAL=NO			1241 Secs (1241 Secs) *[==>]*	***[1]***
Comments: BOT has a safety warning but it comes from our target, and the ETC information above confirms the safety of the observations.									
5	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[1]***
6	STIS G430L E1 (STIS.sp.732780)	(9) WD1052+273	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			620 Secs (620 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
7	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 17207, WD1446+286 (10), completed Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: (none)

Diagnostics

(WD1446+286 (10)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(WD1446+286 (10)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(WD1446+286 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(WD1446+286 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(WD1446+286 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(WD1446+286 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	WD1446+286 Alt Name1: TON214	RA: 14 48 14.0800 (222.0586667d) Dec: +28 25 11.66 (28.41991d) Equinox: J2000	Proper Motion RA: 9.801209627586106E-5 sec of time/yr Proper Motion Dec: 0.001001 arcsec/yr Epoch of Position: 2015.5	V=14.71	Reference Frame: ICRS

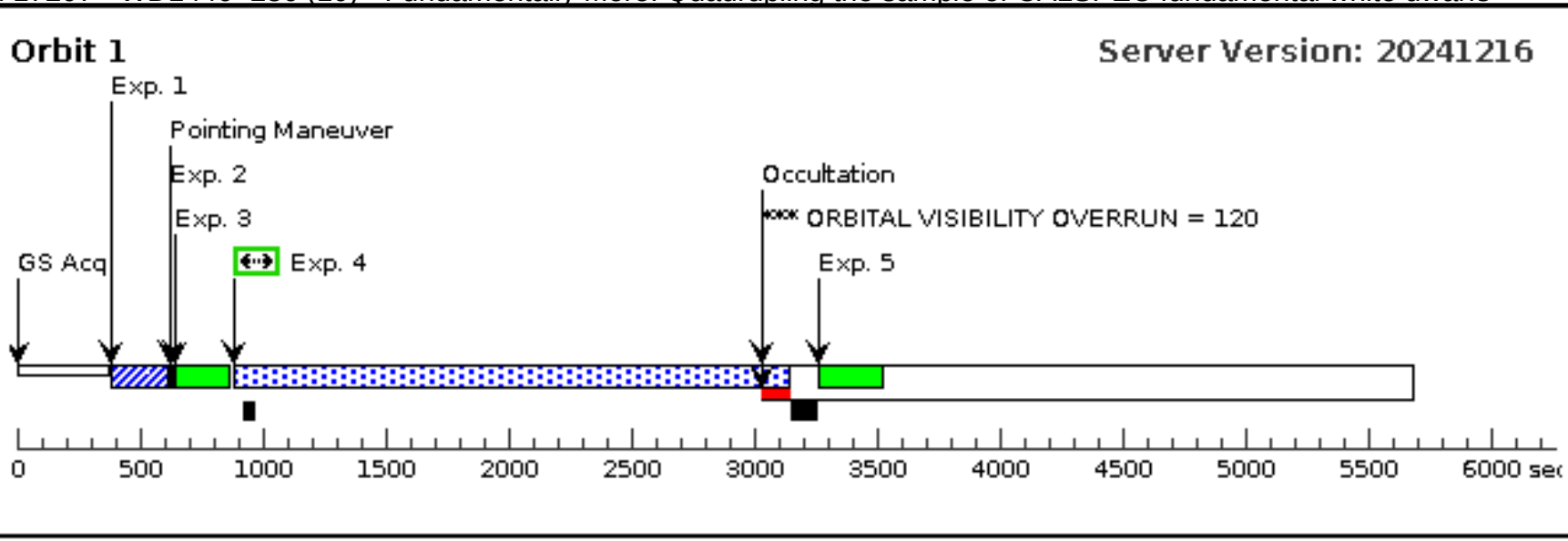
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=EXT-STAR
Description=[DA]

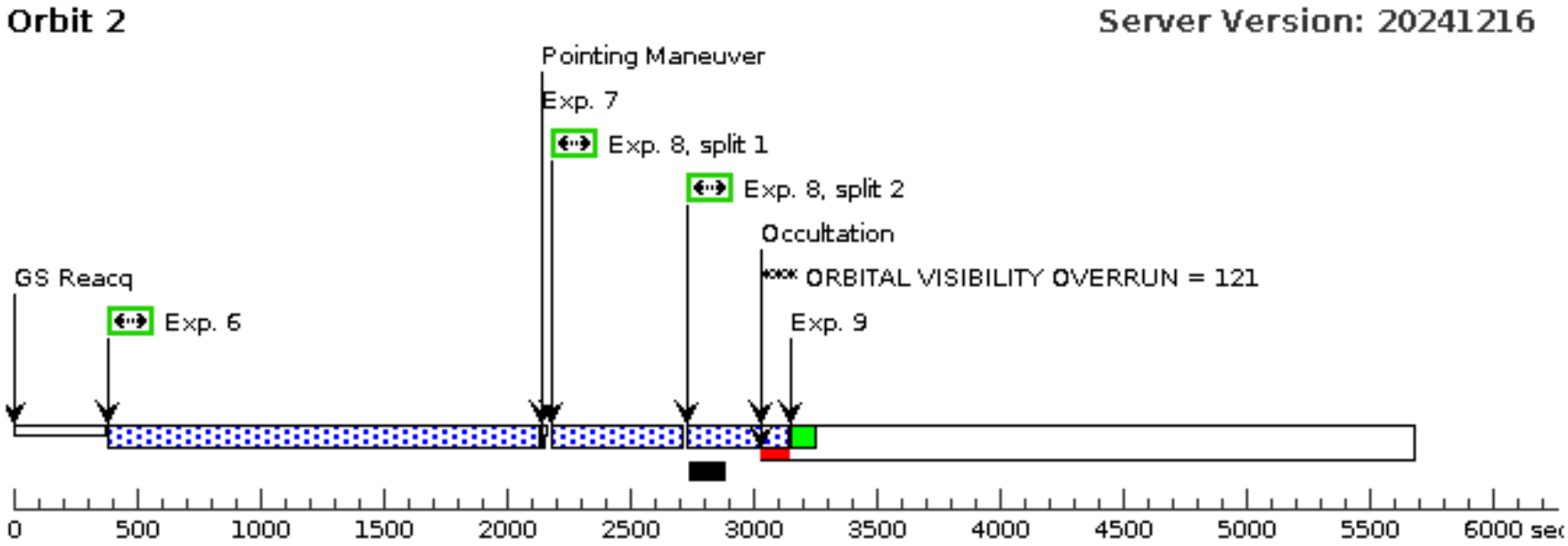
Exposures

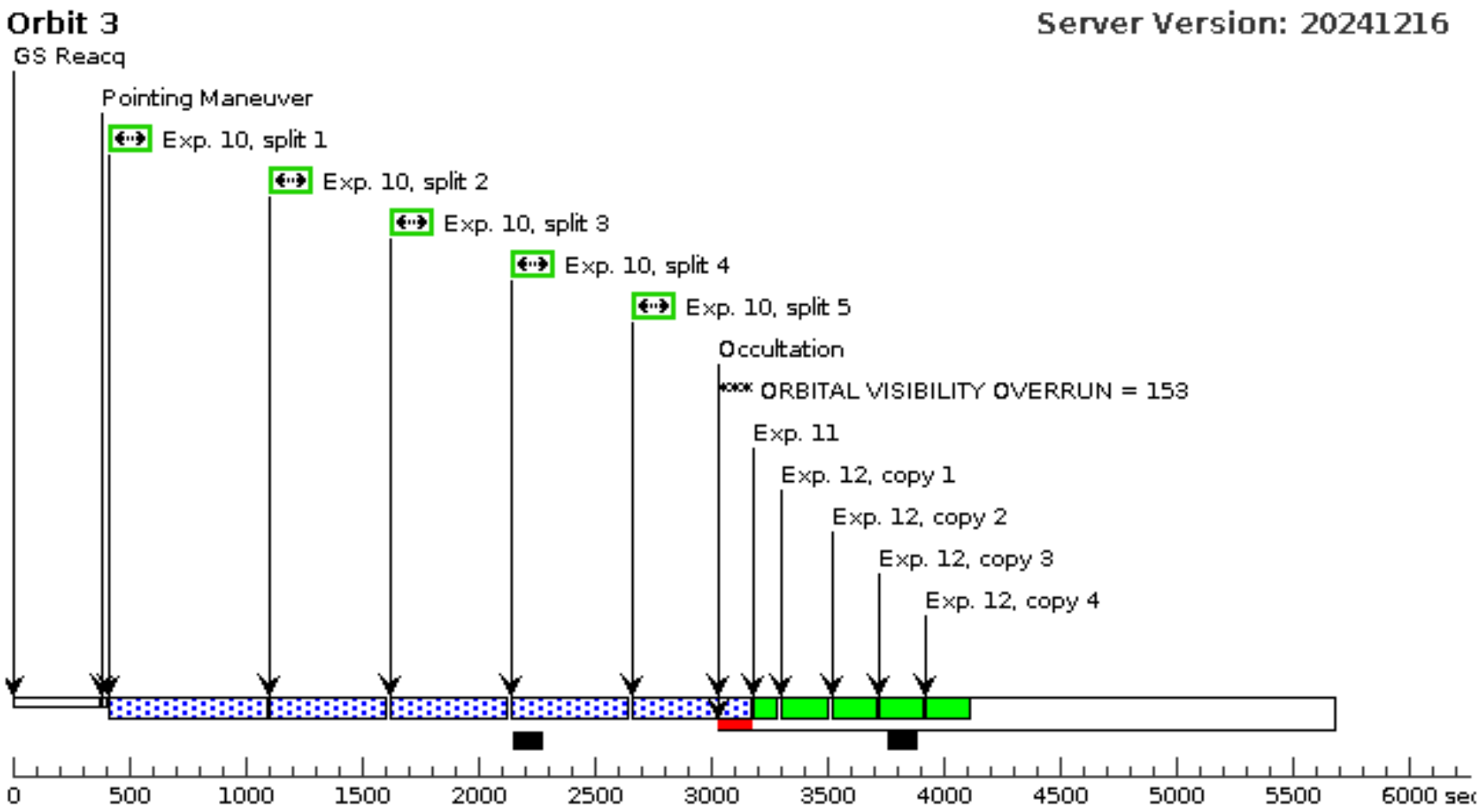
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842500)	(10) WD1446+286	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[1]***
3	STIS G230L Wave	WAVE	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	G230L 2376 A				*[==>]*	***[1]***
4	STIS G230L (STIS.sp.732777)	(10) WD1446+286	STIS/NUV-MAMA, ACCUM, 52X2	G230L 2376 A	WAVECAL=NO			2219 Secs (2219 Secs) *[==>]*	***[1]***
5	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[1]***
6	STIS G140L (STIS.sp.732775)	(10) WD1446+286	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A	WAVECAL=NO			1701 Secs (1701 Secs) *[==>]*	***[2]***
Comments: BOT has a safety warning but it comes from our target, and the ETC information above confirms the safety of the observations.									
7	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[2]***
8	STIS G430L E1 (STIS.sp.732780)	(10) WD1446+286	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			750 Secs (750 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
9	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[2]***
10	STIS G750L (STIS.sp.727504)	(10) WD1446+286	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2375 Secs (2375 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
11	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
12	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[3]***
13	STIS G750L (STIS.sp.727504)	(10) WD1446+286	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2495 Secs (2495 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[4]***
Comments: Manual fringe flat used instead of default to get higher S/N.									

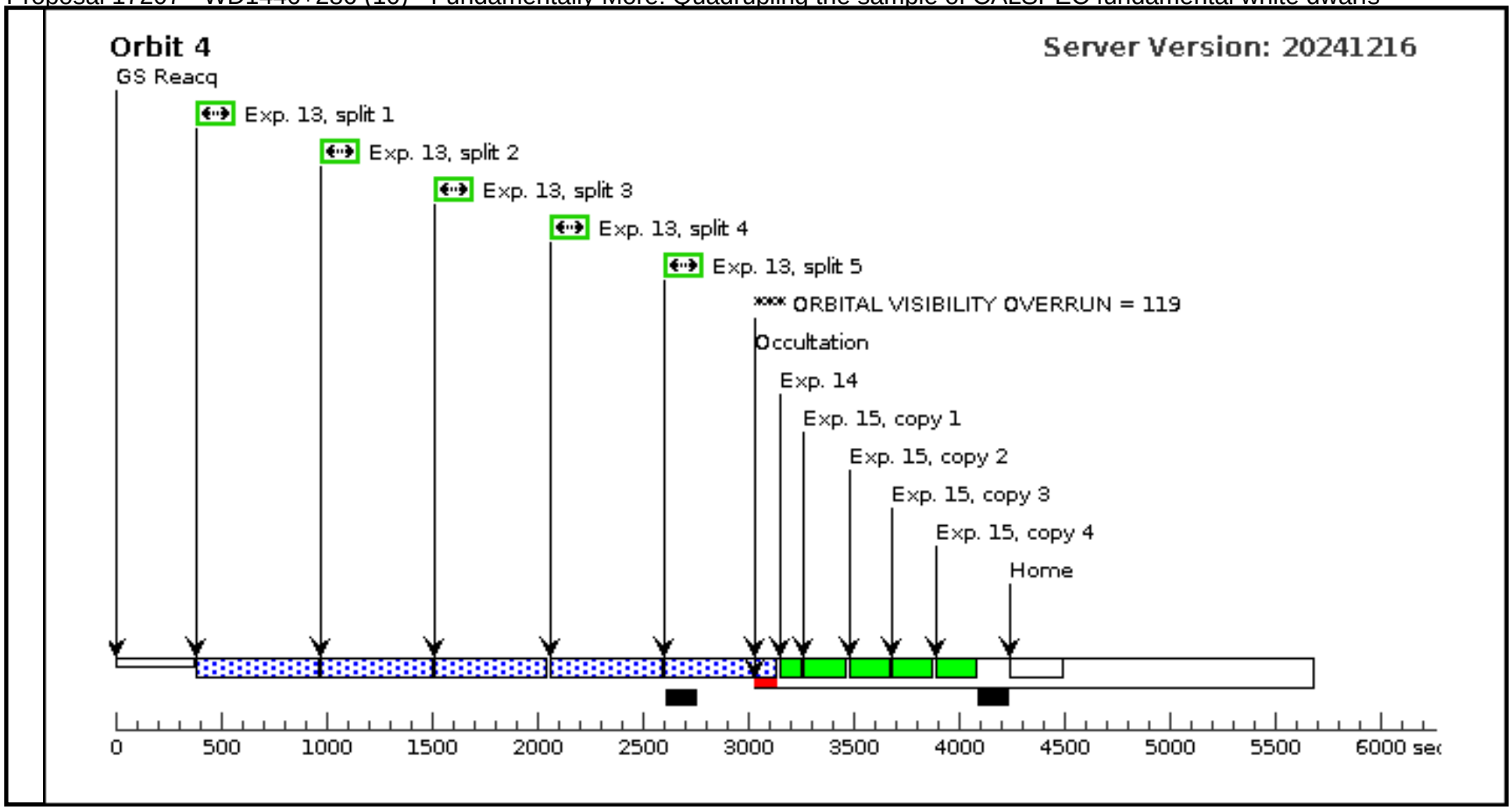
	14	STIS G750L WAVE WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A		*[==>]*	***[4]***
	15	STIS G750L NONE fringe	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4	120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 10, split 1
Exp. 10, split 2
Exp. 10, split 3
Exp. 10, split 4
Exp. 10, split 5
Occultation
*** ORBITAL VISIBILITY OVERRUN = 153
Exp. 11
Exp. 12, copy 1
Exp. 12, copy 2
Exp. 12, copy 3
Exp. 12, copy 4
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec


Orbit 4
Server Version: 20241216
GS Reacq
Exp. 13, split 1
Exp. 13, split 2
Exp. 13, split 3
Exp. 13, split 4
Exp. 13, split 5
**** ORBITAL VISIBILITY OVERRUN = 119
Occultation
Exp. 14
Exp. 15, copy 1
Exp. 15, copy 2
Exp. 15, copy 3
Exp. 15, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, WD2051-208 (11), failed Mon Jan 27 12:00:43 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: (none)

Diagnostics

(WD2051-208 (11)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(WD2051-208 (11)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(WD2051-208 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(WD2051-208 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(WD2051-208 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(WD2051-208 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	WD2051-208 Alt Name1: BPS-CS-22880-0134	RA: 20 54 42.8755 (313.6786479d) Dec: -20 39 25.77 (-20.65716d) Equinox: J2000	Proper Motion RA: 0.004910862098484674 sec of time/yr Proper Motion Dec: 0.01025 arcsec/yr Epoch of Position: 2015.5	V=15.06	Reference Frame: ICRS

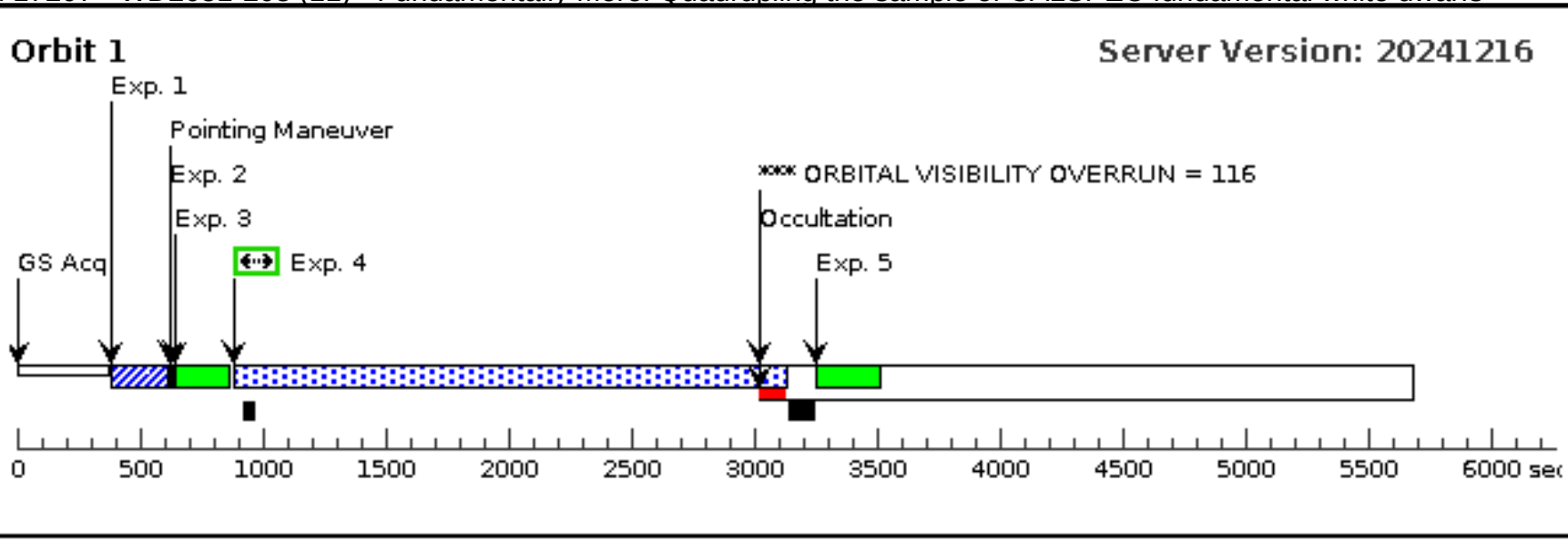
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STAR
Description=[DA]

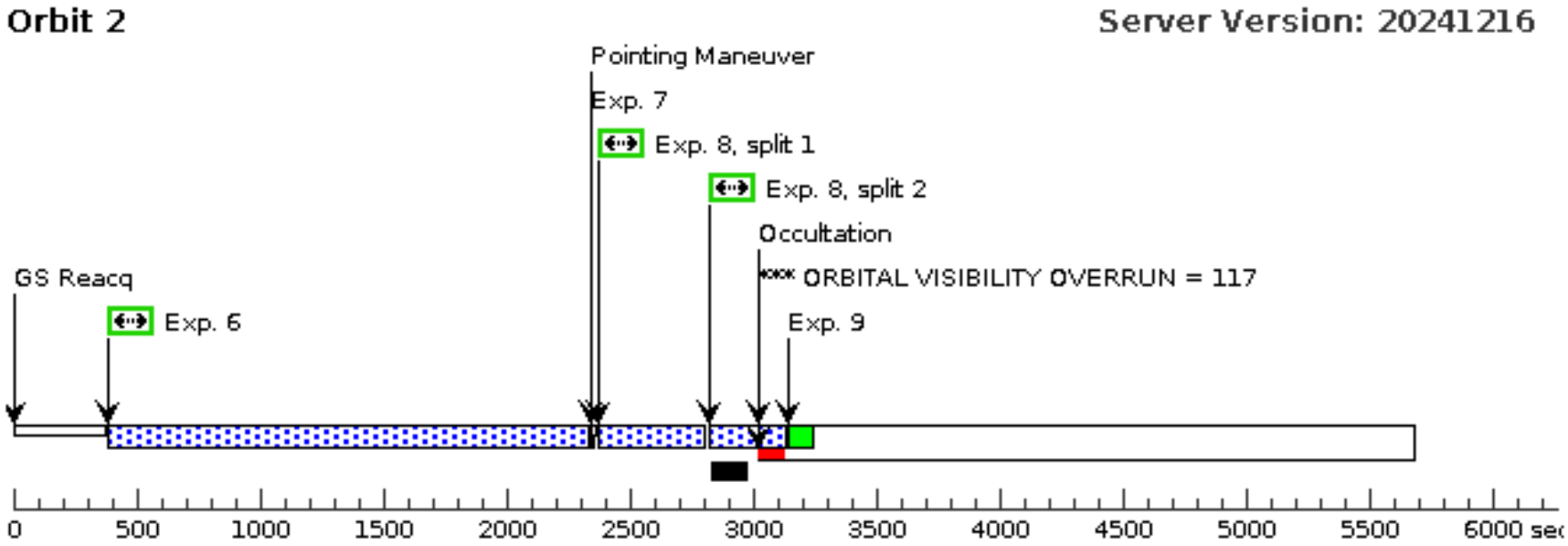
Exposures

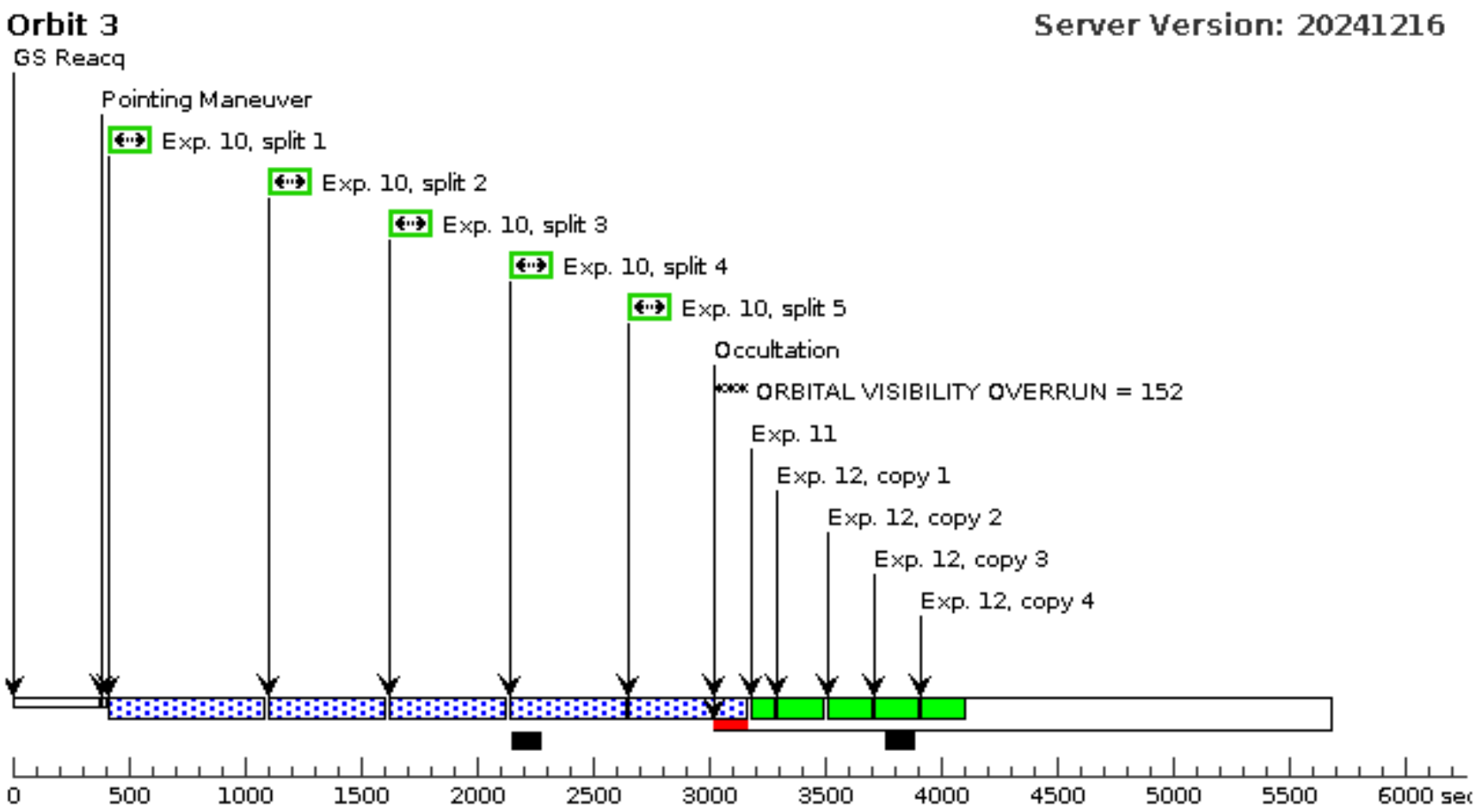
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842501)	(11) WD2051-208	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[1]***
3	STIS G230L Wave	WAVE	STIS/NUV-MAMA, ACCUM, 31X0.05NDC	G230L 2376 A				*[==>]*	***[1]***
4	STIS G230L (STIS.sp.732777)	(11) WD2051-208	STIS/NUV-MAMA, ACCUM, 52X2	G230L 2376 A	WAVECAL=NO			2211 Secs (2211 Secs) *[==>]*	***[1]***
5	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[1]***
6	STIS G140L (STIS.sp.732775)	(11) WD2051-208	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A	WAVECAL=NO			1893 Secs (1893 Secs) *[==>]*	***[2]***
Comments: BOT has a safety warning but it comes from our target, and the ETC information above confirms the safety of the observations.									
7	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[2]***
8	STIS G430L E1 (STIS.sp.732780)	(11) WD2051-208	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			550 Secs (550 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
9	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[2]***
10	STIS G750L (STIS.sp.727504)	(11) WD2051-208	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2370 Secs (2370 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
11	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
12	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[3]***
13	STIS G750L (STIS.sp.727504)	(11) WD2051-208	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2485 Secs (2485 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[4]***
Comments: Manual fringe flat used instead of default to get higher S/N.									

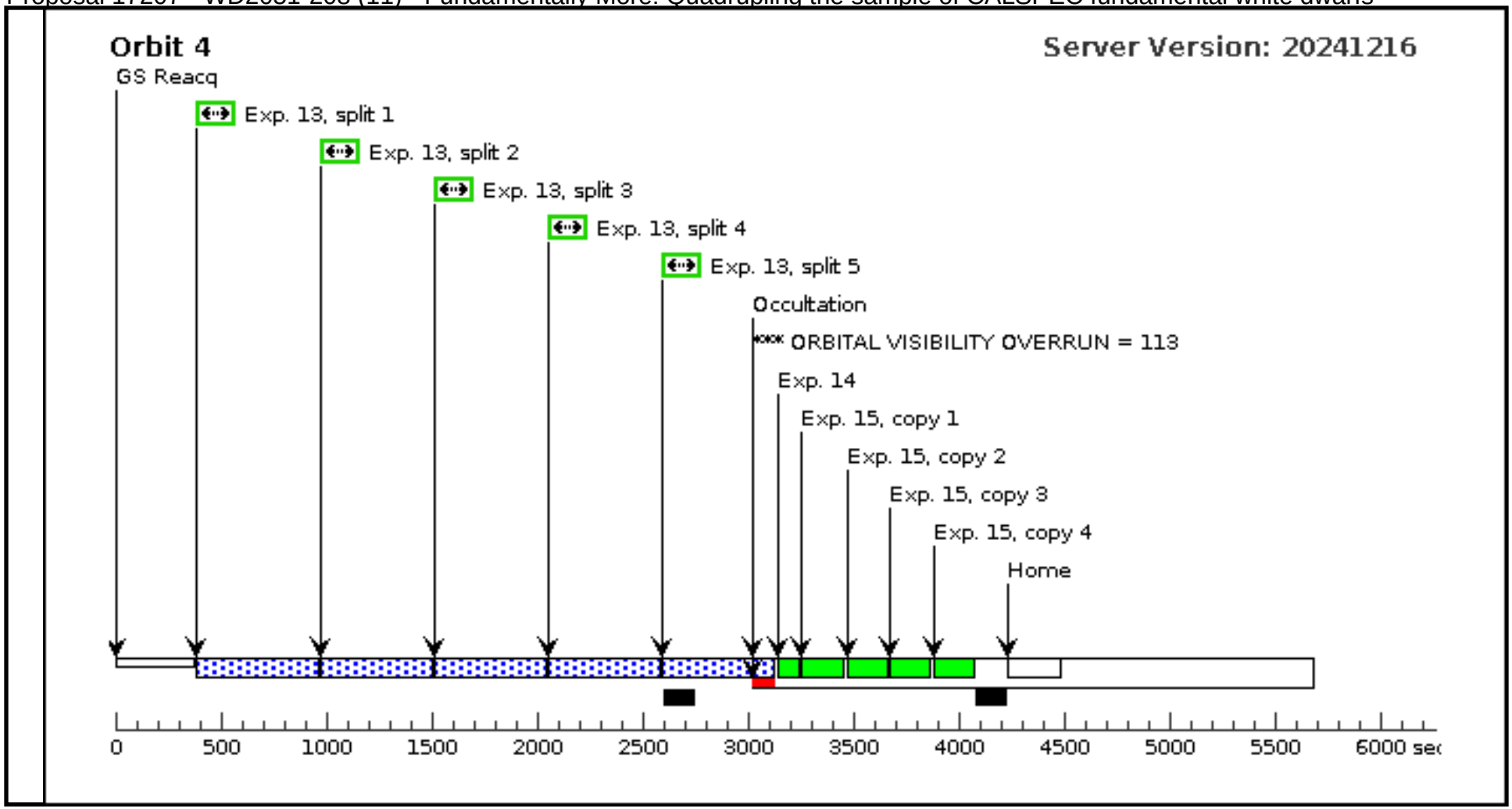
	14	STIS G750L WAVE WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A		*[==>]*	***[4]***
	15	STIS G750L NONE fringe	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4	120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 10, split 1
Exp. 10, split 2
Exp. 10, split 3
Exp. 10, split 4
Exp. 10, split 5
Occultation
*** ORBITAL VISIBILITY OVERRUN = 152
Exp. 11
Exp. 12, copy 1
Exp. 12, copy 2
Exp. 12, copy 3
Exp. 12, copy 4
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec


Orbit 4
Server Version: 20241216
GS Reacq
Exp. 13, split 1
Exp. 13, split 2
Exp. 13, split 3
Exp. 13, split 4
Exp. 13, split 5
Occultation
**** ORBITAL VISIBILITY OVERRUN = 113
Exp. 14
Exp. 15, copy 1
Exp. 15, copy 2
Exp. 15, copy 3
Exp. 15, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, WD2051-208 repeat (14), completed Mon Jan 27 12:00:44 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: (none)

Comments: 2 of 4 orbit per HOPR 92675

Diagnostics

(WD2051-208 repeat (14)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

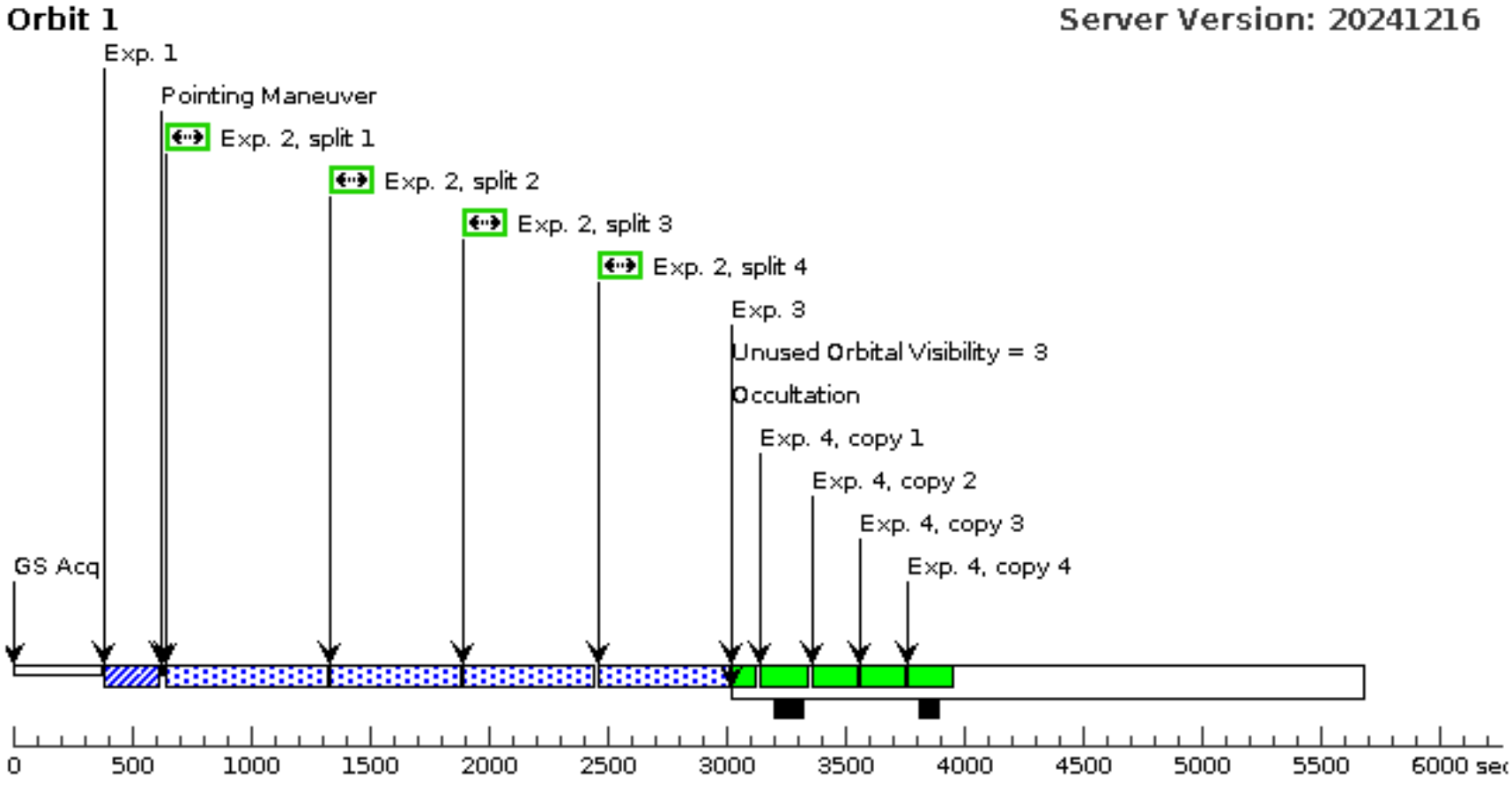
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	WD2051-208 Alt Name1: BPS-CS-22880-0134	RA: 20 54 42.8755 (313.6786479d) Dec: -20 39 25.77 (-20.65716d) Equinox: J2000	Proper Motion RA: 0.004910862098484674 sec of time/yr Proper Motion Dec: 0.01025 arcsec/yr Epoch of Position: 2015.5	V=15.06	Reference Frame: ICRS

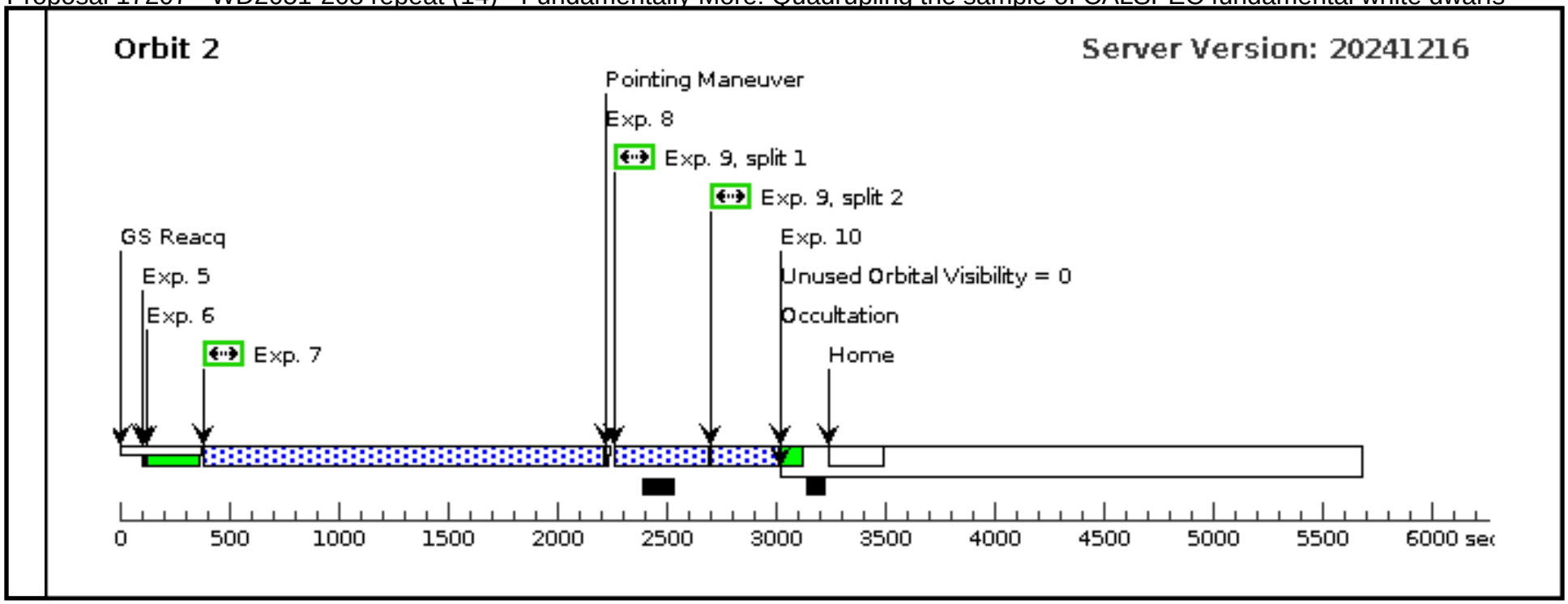
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=STAR
Description=[DA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842501)	(11) WD2051-208	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	STIS G750L (STIS.sp.727504)	(11) WD2051-208	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=4; GAIN=1; WAVECAL=NO			2072 Secs (2072 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]*	***[1]***
	Comments: Manual fringe flat used instead of default to get higher S/N.								
3	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[1]***
4	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[1]***
5	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[2]***
6	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[2]***
7	STIS G140L (STIS.sp.732775)	(11) WD2051-208	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A	WAVECAL=NO			1776 Secs (1776 Secs) *[==>]*	***[2]***
	Comments: BOT has a safety warning but it comes from our target, and the ETC information above confirms the safety of the observations.								
8	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[2]***
9	STIS G430L E1 (STIS.sp.732780)	(11) WD2051-208	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			550 Secs (550 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
10	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20241216
Pointing Maneuver
Exp. 8
Exp. 9, split 1
Exp. 9, split 2
GS Reacq
Exp. 5
Exp. 6
Exp. 7
Exp. 10
Unused Orbital Visibility = 0
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, WD0859-039 (3R), failed Mon Jan 27 12:00:44 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: BEFORE 01-JUL-2025:00:00:00

Diagnostics

(WD0859-039 (3R)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	WD0859-039 Alt Name1: RE-J090217-040712	RA: 09 02 17.2948 (135.5720617d) Dec: -04 06 55.38 (-4.11538d) Equinox: J2000	Proper Motion RA: -2.8968025962994125E-4 sec of time/yr Proper Motion Dec: 0.006399 arcsec/yr Epoch of Position: 2015.5	V=13.17	Reference Frame: ICRS

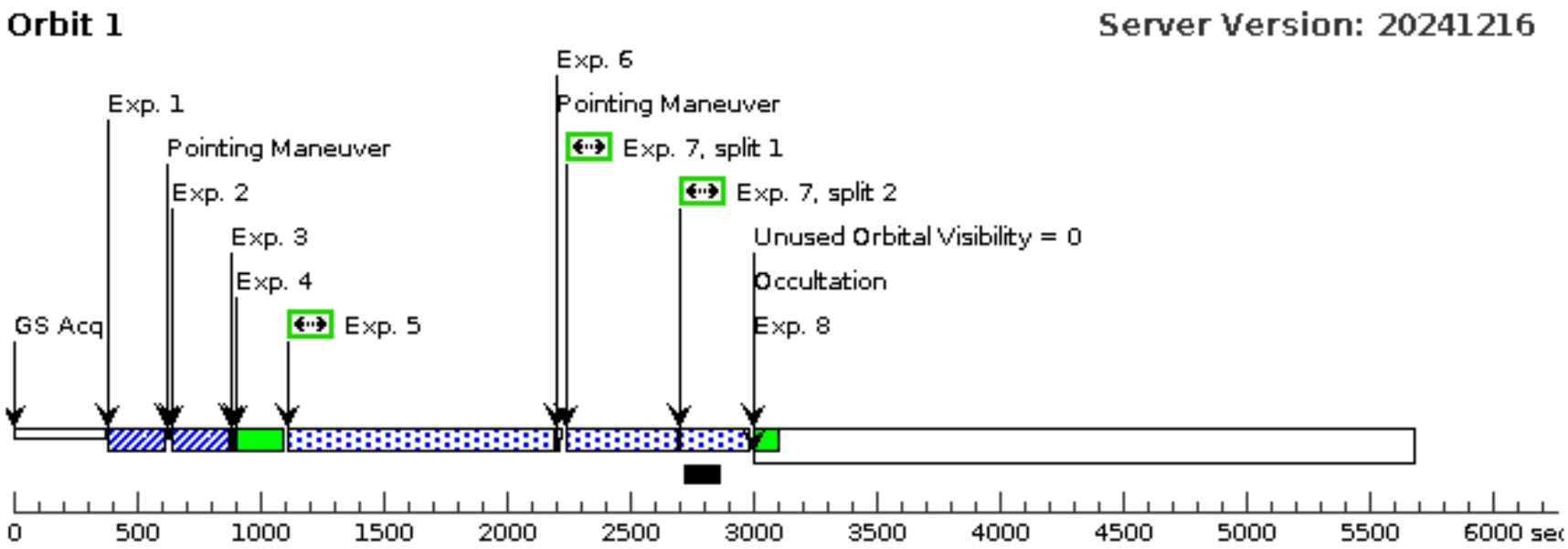
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

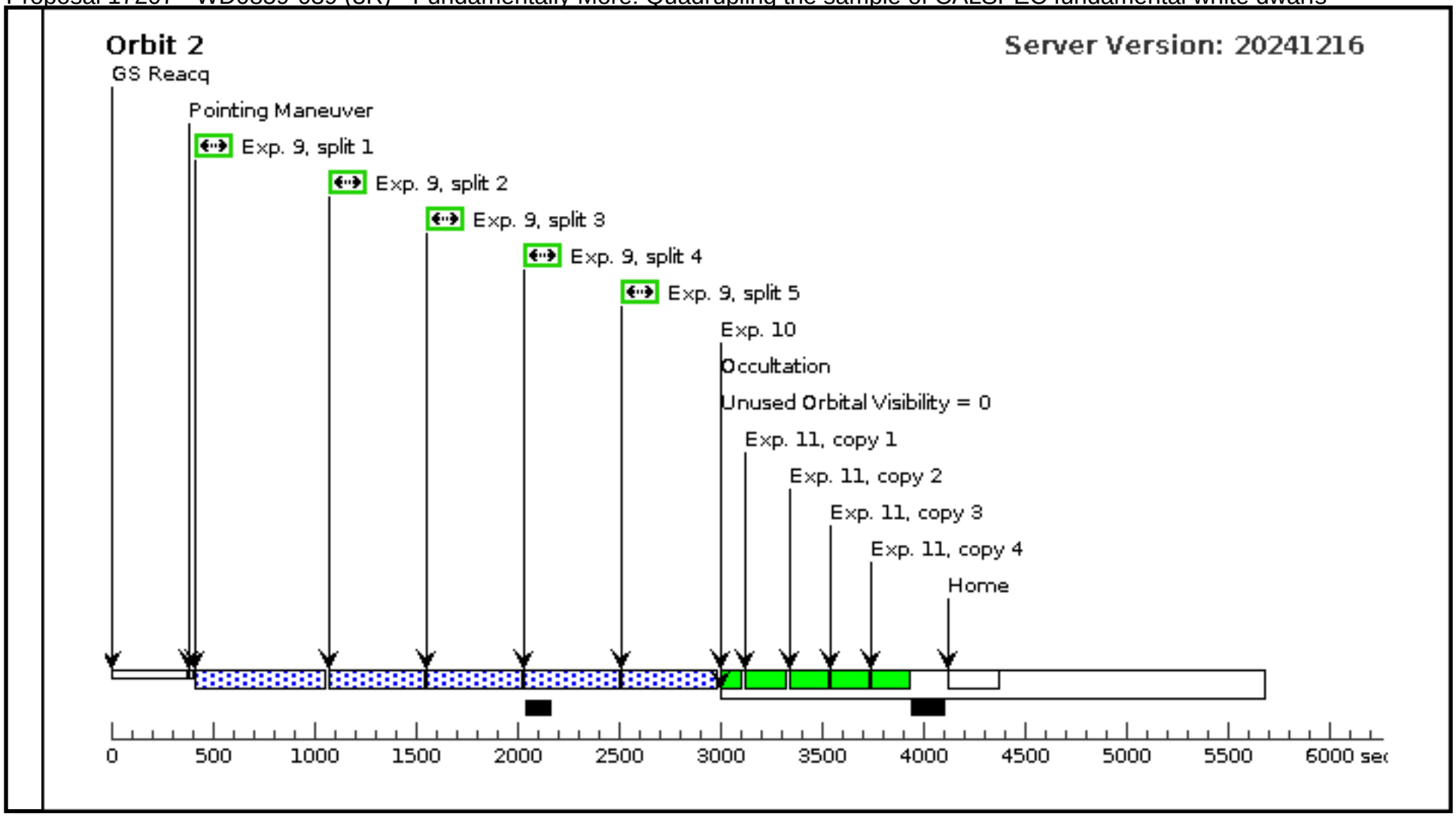
Gaia G=13.17
Category=STAR
Description=[DA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842493)	(3) WD0859-039	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	STIS ACQ (1842482)	(3) WD0859-039	STIS/CCD, ACQ/PEAK, 52X0.1	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
	Comments: Please confirm that I have my first use of a peakup correct and correctly positioned. thanks, ralph								
3	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[1]***
4	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[1]***
5	STIS G140L (STIS.sp.1897732)	(3) WD0859-039	STIS/FUV-MAMA, ACCUM, 52X0.1	G140L 1425 A	WAVECAL=NO			1053 Secs (1053 Secs) *[==>]*	***[1]***
6	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[1]***
7	STIS G430L E1 (STIS.sp.732780)	(3) WD0859-039	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			500 Secs (500 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[1]***
8	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[1]***
9	STIS G750L (STIS.sp.727504)	(3) WD0859-039	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2195 Secs (2195 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[2]***
	Comments: Manual fringe flat used instead of default to get higher S/N.								
10	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[2]***
11	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 9, split 1
Exp. 9, split 2
Exp. 9, split 3
Exp. 9, split 4
Exp. 9, split 5
Exp. 10
Occultation
Unused Orbital Visibility = 0
Exp. 11, copy 1
Exp. 11, copy 2
Exp. 11, copy 3
Exp. 11, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, GD140 (2R), failed Mon Jan 27 12:00:44 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: BEFORE 01-MAY-2025:00:00:00

Comments: repeat per HOPR 93016.

Diagnostics

(GD140 (2R)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

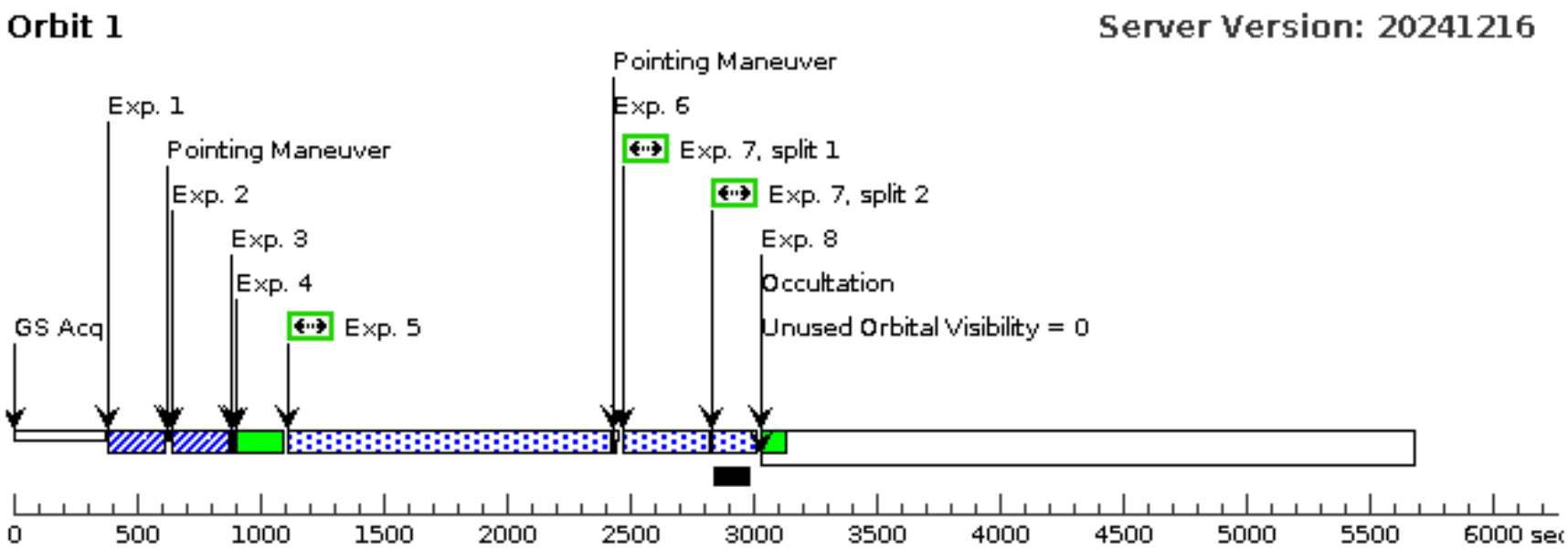
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	GD140 Alt Name1: LB10276	RA: 11 37 4.9283 (174.2705346d) Dec: +29 47 58.09 (29.79947d) Equinox: J2000	Proper Motion RA: -0.011348167712132312 sec of time/yr Proper Motion Dec: -0.012532999994618876 arcsec/yr Epoch of Position: 2015.5	V=12.45	Reference Frame: ICRS

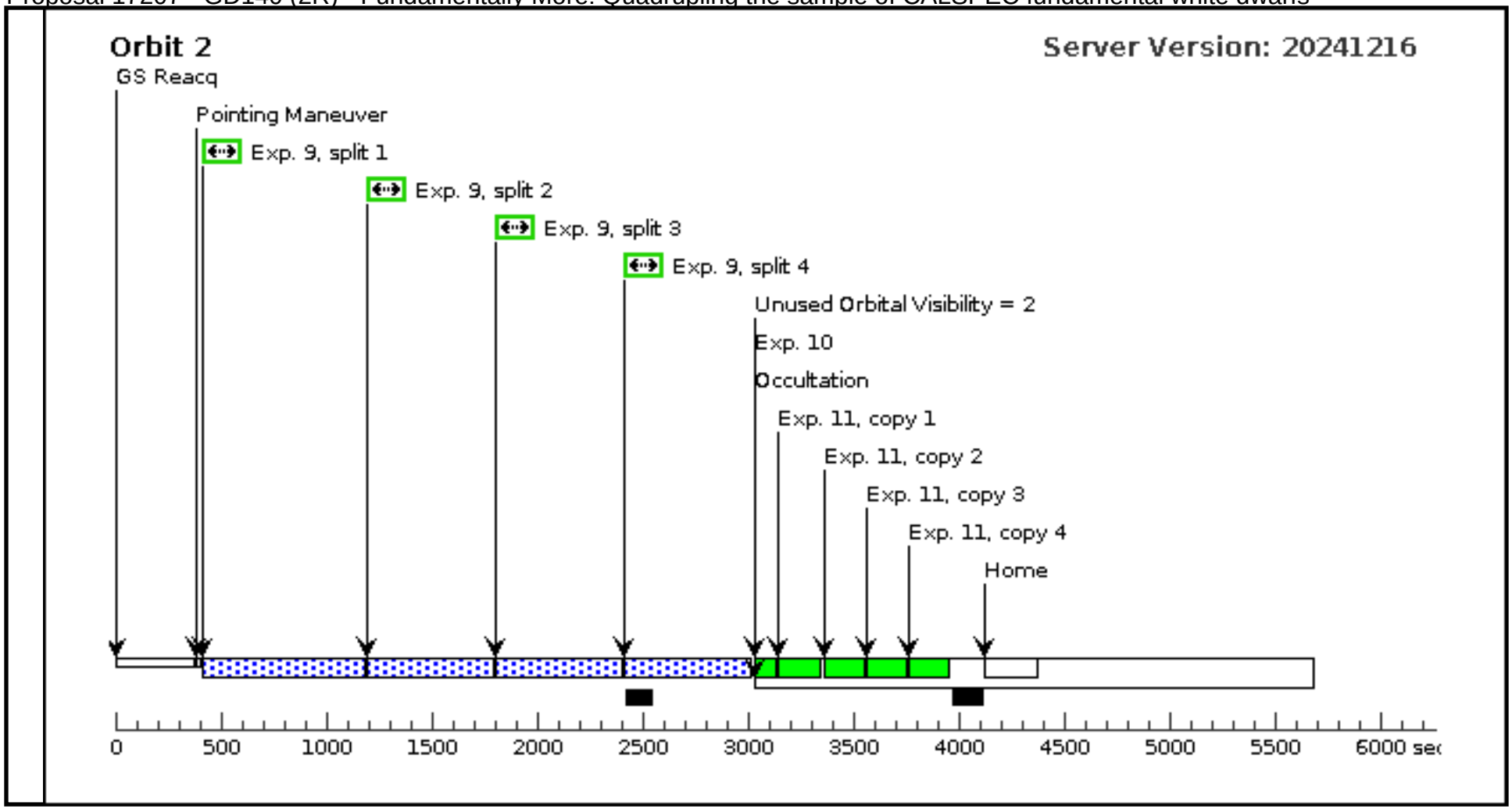
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=EXT-STAR
Description=[DA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (1842492)	(2) GD140	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	 ***[1]***
2	STIS ACQ (1842482)	(2) GD140	STIS/CCD, ACQ/PEAK, 52X0.1	MIRROR				1 Secs (1 Secs) *[==>]*	 ***[1]***
3	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[1]***
4	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[1]***
5	STIS G140L (STIS.ta.1842483)	(2) GD140	STIS/FUV-MAMA, ACCUM, 52X0.1	G140L 1425 A	WAVECAL=NO			1280 Secs (1280 Secs) *[==>]*	 ***[1]***
Comments: BOT has a safety warning but it comes from our target, and the ETC information above confirms the safety of the observations.									
6	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[1]***
7	STIS G430L E1 (STIS.sp.732780)	(2) GD140	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			300 Secs (300 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	 ***[1]***
8	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[1]***
9	STIS G750L (STIS.sp.727504)	(2) GD140	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=4; GAIN=4; WAVECAL=NO			2264 Secs (2264 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]*	 ***[2]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
10	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[2]***
11	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	 ***[2]***

Orbit Structure




Orbit 2
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 9, split 1
Exp. 9, split 2
Exp. 9, split 3
Exp. 9, split 4
Unused Orbital Visibility = 2
Exp. 10
Occultation
Exp. 11, copy 1
Exp. 11, copy 2
Exp. 11, copy 3
Exp. 11, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, GD140 (6R), scheduling Mon Jan 27 12:00:44 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS, STIS/FUV-MAMA

Special Requirements: (none)

Comments: repeat per HOPR 93016.

Diagnostics

(GD140 (6R)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

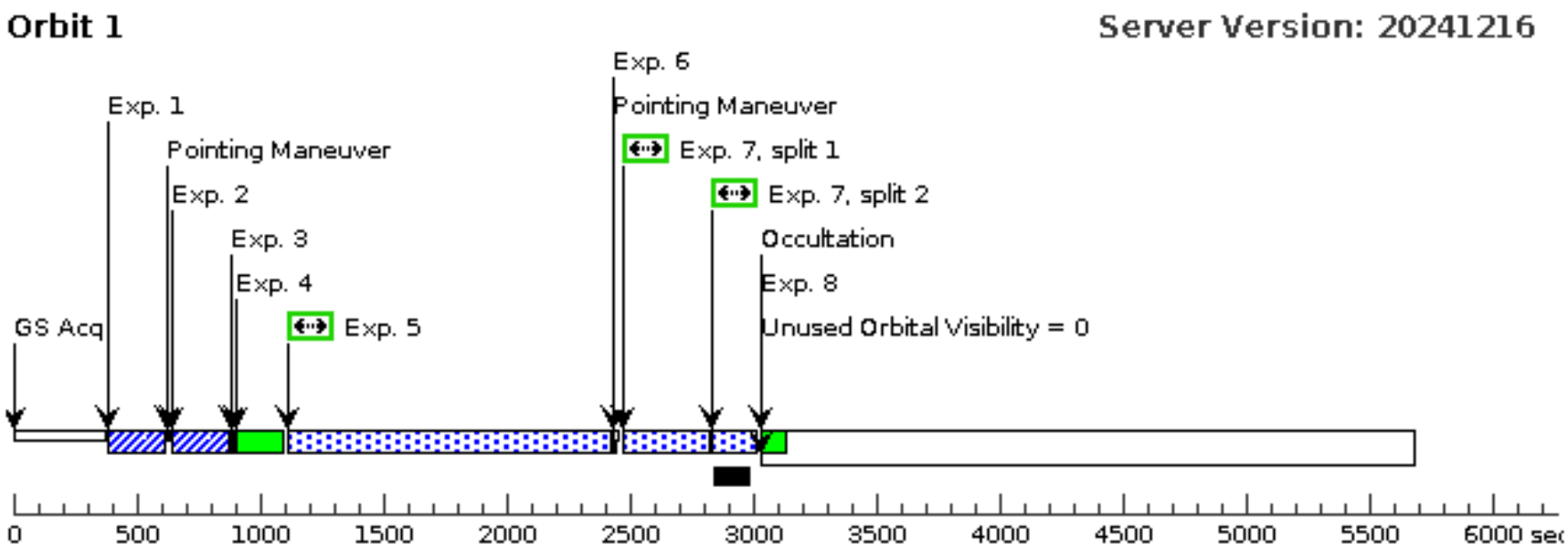
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	GD140 Alt Name1: LB10276	RA: 11 37 4.9283 (174.2705346d) Dec: +29 47 58.09 (29.79947d) Equinox: J2000	Proper Motion RA: -0.011348167712132312 sec of time/yr Proper Motion Dec: -0.012532999994618876 arcsec/yr Epoch of Position: 2015.5	V=12.45	Reference Frame: ICRS

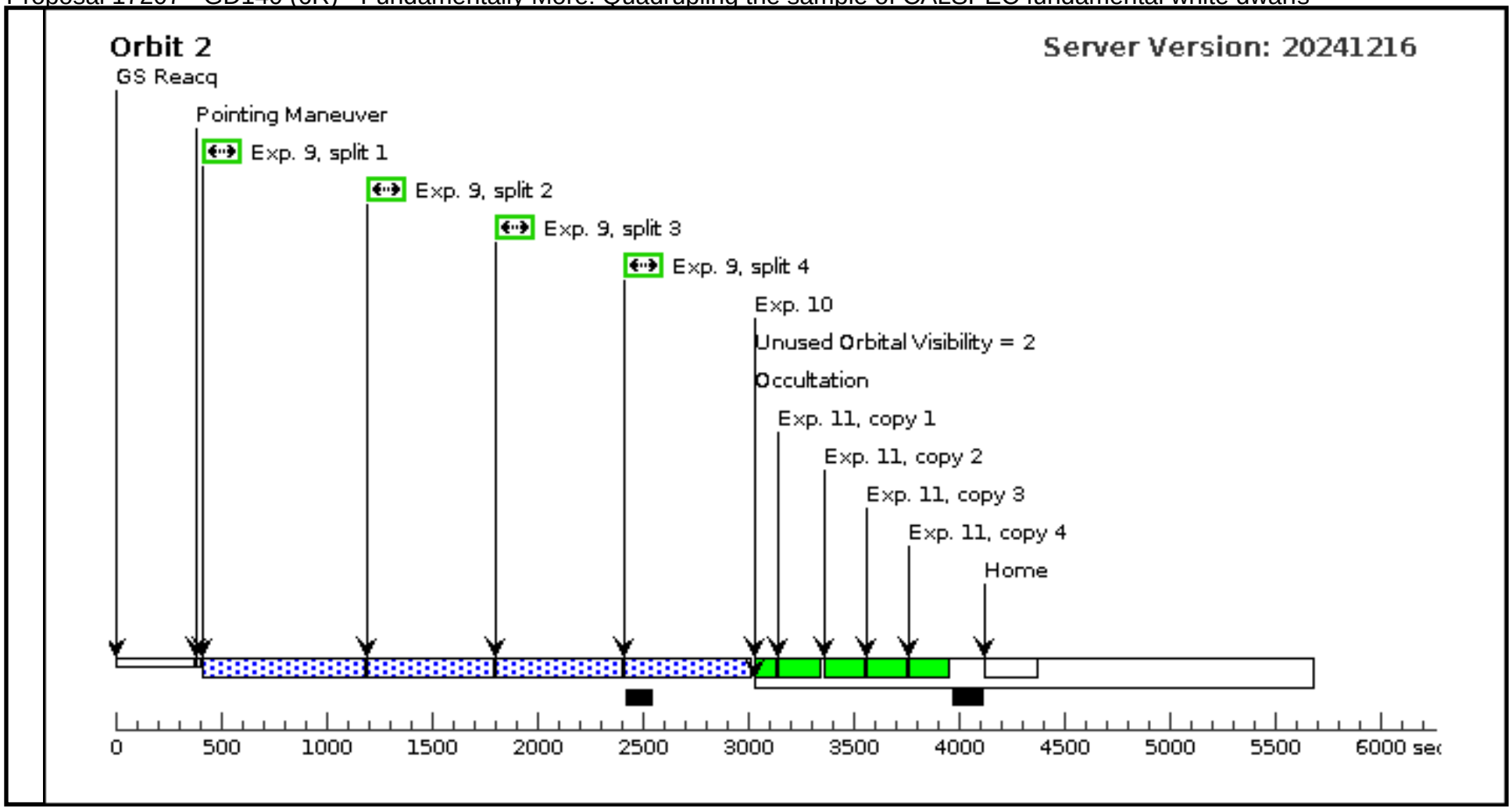
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=EXT-STAR
Description=[DA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (1842492)	(2) GD140	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	 ***[1]***
2	STIS ACQ (1842482)	(2) GD140	STIS/CCD, ACQ/PEAK, 52X0.1	MIRROR				1 Secs (1 Secs) *[==>]*	 ***[1]***
3	MSOFF zero	NONE	STIS, MSMOFF		SETOFFSET=ZERO; GRATING1=ALL			*[==>]*	***[1]***
4	STIS G140L WAVE	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140L 1425 A				*[==>]*	***[1]***
5	STIS G140L (STIS.ta.1842483)	(2) GD140	STIS/FUV-MAMA, ACCUM, 52X0.1	G140L 1425 A	WAVECAL=NO			1280 Secs (1280 Secs) *[==>]*	 ***[1]***
Comments: BOT has a safety warning but it comes from our target, and the ETC information above confirms the safety of the observations.									
6	MSOFF RESTORE	NONE	STIS, MSMOFF		SETOFFSET=RESTORE; GRATING1=ALL			*[==>]*	***[1]***
7	STIS G430L E1 (STIS.sp.732780)	(2) GD140	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			300 Secs (300 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	 ***[1]***
8	STIS G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[1]***
9	STIS G750L (STIS.sp.727504)	(2) GD140	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=4; GAIN=4; WAVECAL=NO			2264 Secs (2264 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]*	 ***[2]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
10	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[2]***
11	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	 ***[2]***

Orbit Structure




Orbit 2
Server Version: 20241216
GS Reacq
Pointing Maneuver
Exp. 9, split 1
Exp. 9, split 2
Exp. 9, split 3
Exp. 9, split 4
Exp. 10
Unused Orbital Visibility = 2
Occultation
Exp. 11, copy 1
Exp. 11, copy 2
Exp. 11, copy 3
Exp. 11, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, WD0859-039 (33), completed Mon Jan 27 12:00:44 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

Special Requirements: BEFORE 01-JUL-2025:00:00:00

Comments: ONE orbit repeat per HOPR 93017

Diagnostics

(WD0859-039 (33)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

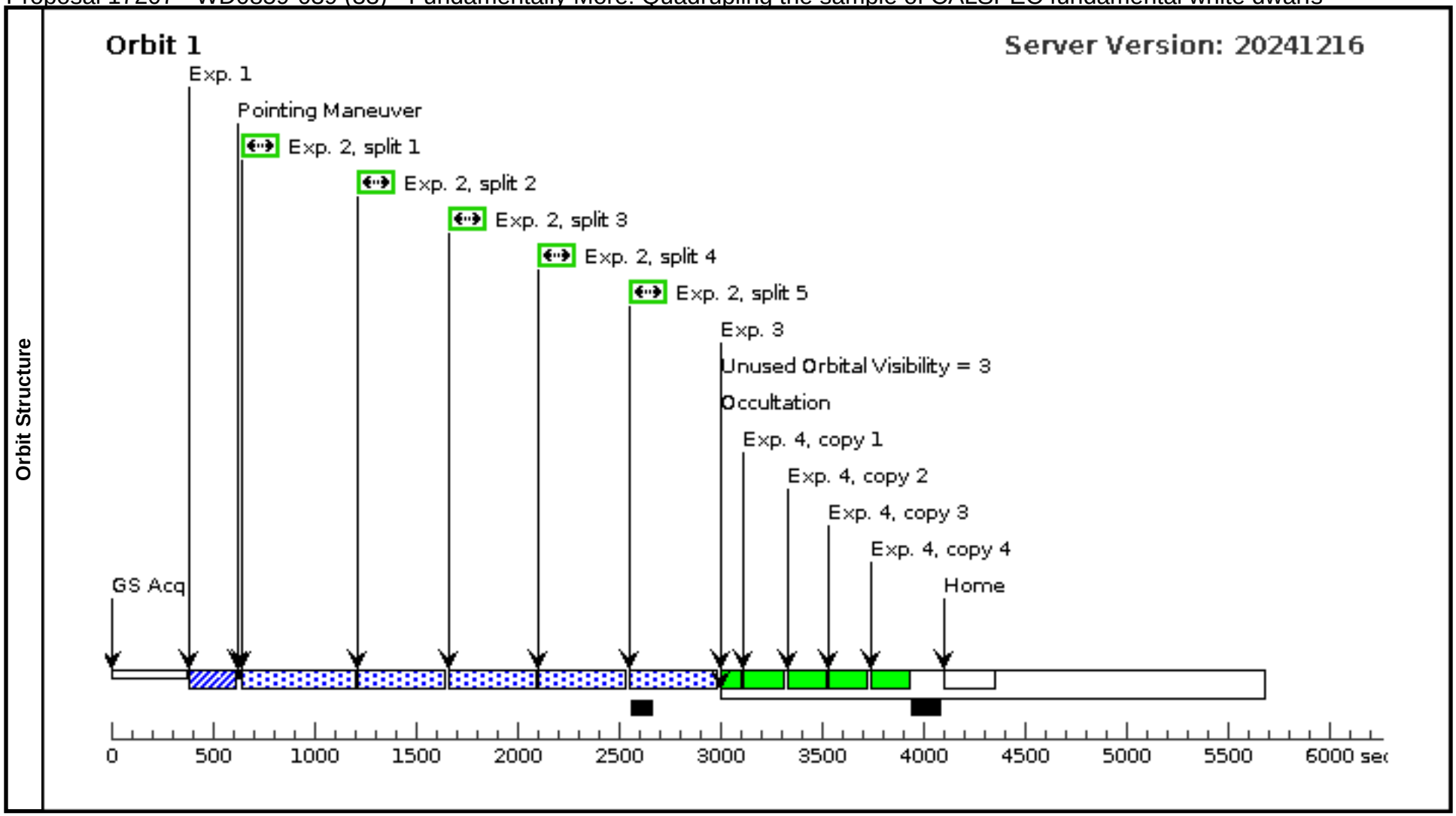
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	WD0859-039 Alt Name1: RE-J090217-040712	RA: 09 02 17.2948 (135.5720617d) Dec: -04 06 55.38 (-4.11538d) Equinox: J2000	Proper Motion RA: -2.8968025962994125E-4 sec of time/yr Proper Motion Dec: 0.006399 arcsec/yr Epoch of Position: 2015.5	V=13.17	Reference Frame: ICRS

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Gaia G=13.17
Category=STAR
Description=[DA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842493)	(3) WD0859-039	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	STIS G750L (STIS.sp.727504)	(3) WD0859-039	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2005 Secs (2005 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[1]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
3	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[1]***
4	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20241216
Exp. 1
Pointing Maneuver
Exp. 2, split 1
Exp. 2, split 2
Exp. 2, split 3
Exp. 2, split 4
Exp. 2, split 5
Exp. 3
Unused Orbital Visibility = 3
Occultation
Exp. 4, copy 1
Exp. 4, copy 2
Exp. 4, copy 3
Exp. 4, copy 4
Home
GS Acq
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17207, WD0859-039 (43) Mon Jan 27 12:00:44 GMT 2025

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

Special Requirements: (none)

Comments: ONE orbit repeat per HOPR 93017

Diagnostics

(WD0859-039 (43)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	WD0859-039 Alt Name1: RE-J090217-040712	RA: 09 02 17.2948 (135.5720617d) Dec: -04 06 55.38 (-4.11538d) Equinox: J2000	Proper Motion RA: -2.8968025962994125E-4 sec of time/yr Proper Motion Dec: 0.006399 arcsec/yr Epoch of Position: 2015.5	V=13.17	Reference Frame: ICRS

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Gaia G=13.17
Category=STAR
Description=[DA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS ACQ (STIS.ta.1842493)	(3) WD0859-039	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	***[1]***
2	STIS G750L (STIS.sp.727504)	(3) WD0859-039	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO			2005 Secs (2005 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]* *[==>(Split 5)]*	***[1]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
3	STIS G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[1]***
4	STIS G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 (480 Secs) *[==>(Copy 1)]* *[==>(Copy 2)]* *[==>(Copy 3)]* *[==>(Copy 4)]*	***[1]***

Orbit Structure