17442 - Calibrating the Universe: Faint White Dwarf Standard Stars at the Ecliptic Poles for Cross-calibration of HST, Euclid and Roman.apt

Cycle: 31, Proposal Category: GO

(Calibration)

(Availability Mode: AVAILABLE)

INVESTIGATORS

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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(7) GD153 NONE WAVE	STIS/CCD	1	29-Oct-2024 15:00:34.0	yes
02	(1) WDJ040027.30-502542.04 NONE WAVE	STIS/CCD	2	29-Oct-2024 15:00:36.0	yes
03	(1) WDJ040027.30-502542.04 NONE WAVE	STIS/CCD	2	29-Oct-2024 15:00:37.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
04	(1) WDJ040027.30-502542.04 NONE WAVE	STIS/CCD	3	29-Oct-2024 15:00:38.0	yes
05	(2) WDJ041345.06-473726.29 NONE WAVE	STIS/CCD	3	29-Oct-2024 15:00:40.0	yes
06	(3) WDJ174911.78+643533.54 NONE WAVE	STIS/CCD	3	29-Oct-2024 15:00:41.0	yes
07	(4) WDJ175318.65+644502.15 NONE WAVE	STIS/CCD	2	29-Oct-2024 15:00:43.0	yes
08	(4) WDJ175318.65+644502.15 NONE WAVE	STIS/CCD	2	29-Oct-2024 15:00:44.0	yes
09	(5) WDJ181144.96+654916.42 NONE WAVE	STIS/CCD	3	29-Oct-2024 15:00:45.0	yes
10	(5) WDJ181144.96+654916.42 NONE WAVE	STIS/CCD	3	29-Oct-2024 15:00:47.0	yes
50	(5) WDJ181144.96+654916.42 NONE WAVE	STIS/CCD	1	29-Oct-2024 15:00:48.0	yes
11	(4) WDJ175318.65+644502.15 NONE WAVE	STIS/CCD	1	29-Oct-2024 15:00:48.0	yes
12	(2) WDJ041345.06-473726.29 NONE WAVE	STIS/CCD	1	29-Oct-2024 15:00:49.0	yes

27 Total Orbits Used

ABSTRACT

One of the most exciting results in modern cosmology has been the discovery of the accelerated expansion of the Universe. ESA's Euclid and NASA's Roman Space Telescopes are designed to illuminate the unknown nature of the observed cosmic acceleration, with launch dates in 2023 and 2026, respectively. They will complement each other in probing cosmic acceleration with high precision and accuracy, and need tight requirements on spectrophotometry to unprecedented accuracy. Accurate absolute spectrophotometry is vital to determine the fraction of baryonic matter turned into stars, for galaxy and supernovae surveys, and as importantly, enable legacy science. Extreme care must be taken to control systematic errors and biases. We propose to establish five DA White Dwarfs located near the ecliptic poles, within the Euclid and Roman continuous viewing zones, as spectrophotometric standards. This allows for year-round accessibility. The stars lie within two of the Euclid deep fields, and in a likely location to be observed by Roman for calibration purposes. Our program will double the number of CALSPEC white dwarf standards at V > 16 mag, and will be vital in tying Euclid/Roman deep field spectra of faint galaxies to well-calibrated HST standards.This proposed program is of critical importance to the successful calibration of both Euclid and Roman.

OBSERVING DESCRIPTION

STIS spectroscopy with the G430L and G750L gratings formally cover the wavelength range between 2900 A and 10270 A. The exposure times for the WD targets are calculated for SNR=100 at 4500 A for G430L and at 7500 A for G750L; templates for each target are drawn from the Tremblay+ 3D model grid for logg=8 that match the Gentile Fusillo+ 2019 catalog values for Teff.

For the faintest star, the CALSPEC spectrum of WD1307_083_stiswfc_004.fits scaled to WDJ040027.30-502542.04's r(ABmag) was used to calculate the exposure times, for a slightly lower average SNR over each grating to keep the number of orbits at a more reasonable number (7, instead of 13) and still have accurate spectrophotometry.

Visit

Proposal 17442, GD153 (01), completed Tue Oct 29 19:00:50 GMT 2024

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

Special Requirements: BEFORE 30-NOV-2024:00:00:00

Comments: STIS GD153

Diagnostics

(GD153 (01)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(GD153 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

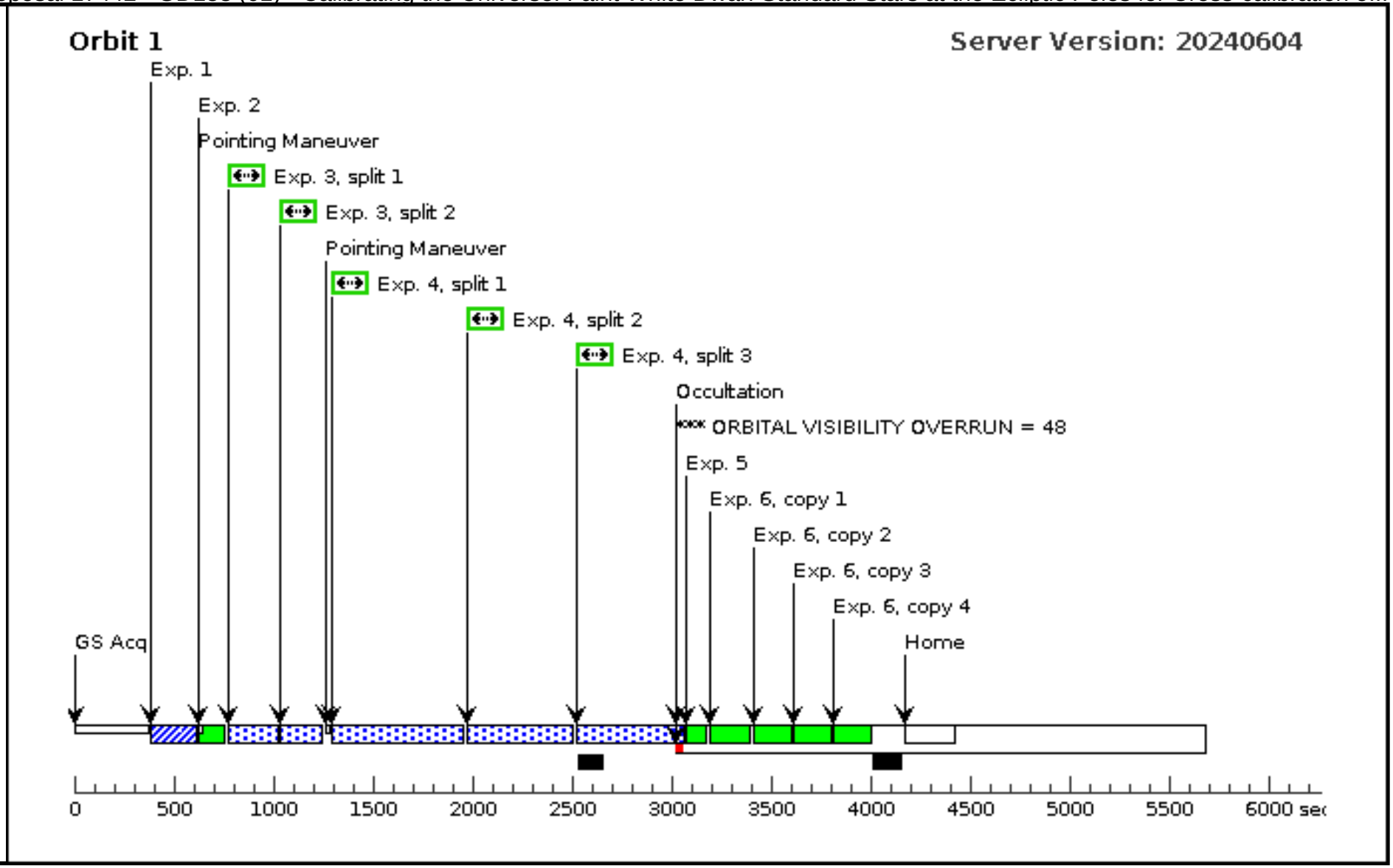
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	GD153	RA: 12 57 2.3225 (194.2596771d) Dec: +22 01 52.63 (22.03129d) Equinox: J2000	Proper Motion RA: -38.402 mas/yr Proper Motion Dec: -202.99 mas/yr Epoch of Position: 2000 Radial Velocity: 8.3 km/sec	V=13.349	Reference Frame: ICRS

Comments:
Category=STAR
Description=[WDO]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1 ACQ (STIS.ta.1890760)	(7) GD153	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) *[==>]*	*[1]*
2	2 G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	*[1]*
3	3 G430L E1 (STIS.sp.1890761)	(7) GD153	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO			348.0 Secs (348 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	*[1]*
Comments: S/N > 100 at > 3000 A									
4	4 G750L (STIS.sp.1890762)	(7) GD153	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=3; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		1515 Secs (1515 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]*	*[1]*
Comments: S/N > 100 at < 9500 A *Manual fringe flat used instead of default to get higher S/N.*									
5	5 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	*[1]*
6	6 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



Visit

Proposal 17442, wdj040027 (02), completed Tue Oct 29 19:00:50 GMT 2024

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

Special Requirements: BEFORE 30-NOV-2024:00:00:00

Diagnostics

(wdj040027 (02)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(wdj040027 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(wdj040027 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

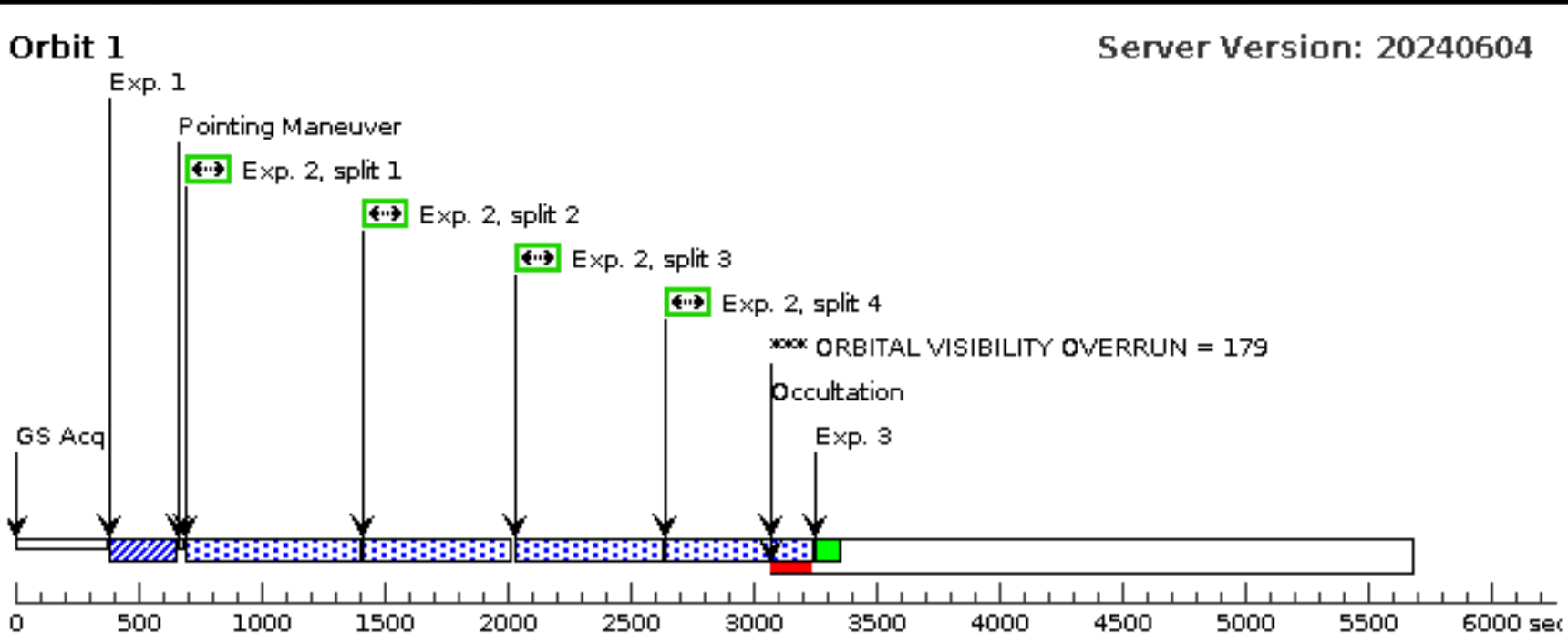
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	WDJ040027.30-502542.04	RA: 04 00 27.2990 (60.1137458d) Dec: -50 25 42.05 (-50.42835d) Equinox: J2000	Proper Motion RA: 15.83 mas/yr Proper Motion Dec: 21.17 mas/yr Epoch of Position: 2000	V=(?) 17.927Rpmag	Reference Frame: ICRS

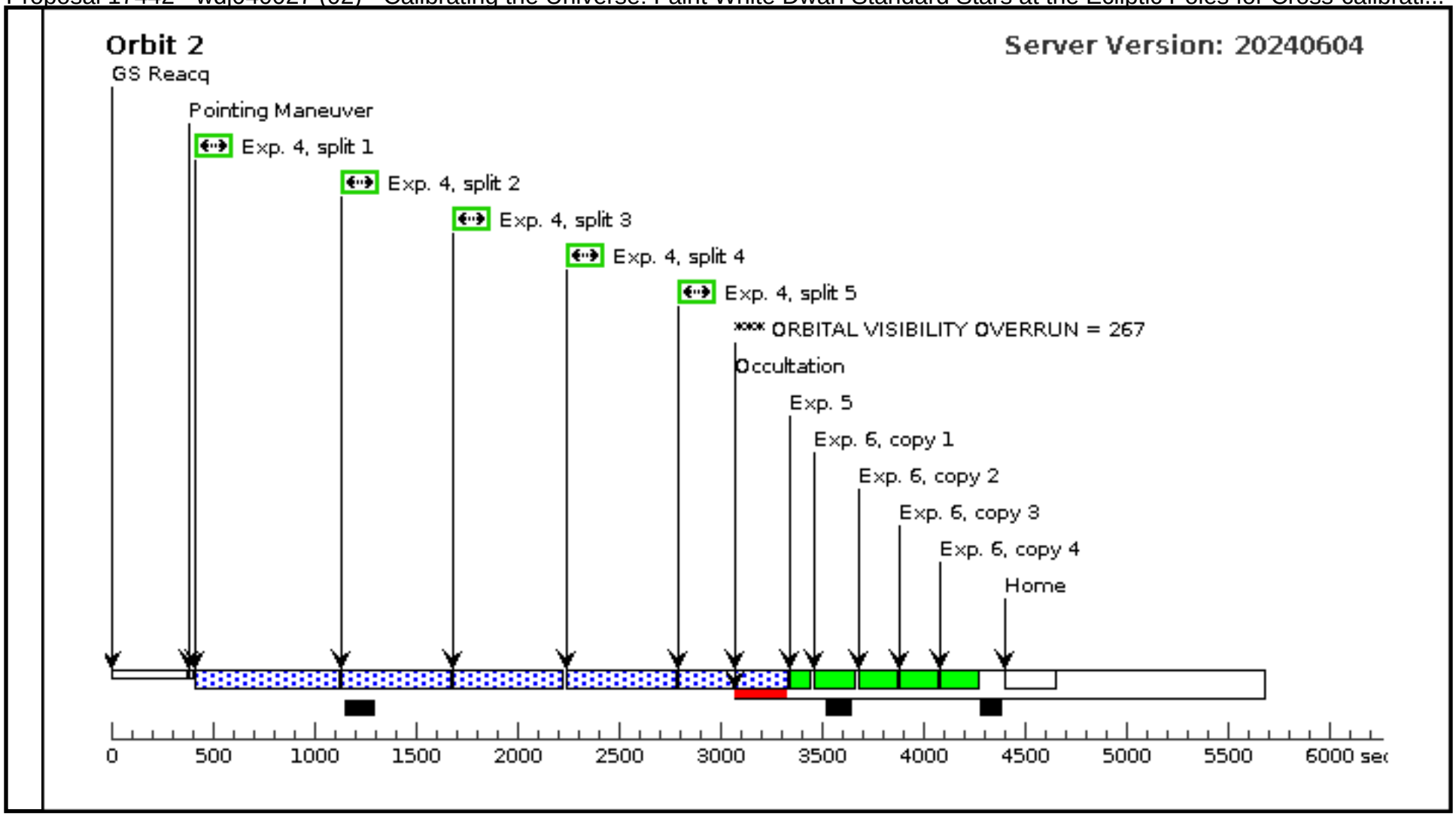
Comments:
Category=STAR
Description=[WDO]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1 ACQ (STIS.ta.1890884)	(1) WDJ040027.30-502542.04	STIS/CCD, ACQ, F28X50LP	MIRROR				10 Secs (10 Secs) *[==>]*	*[1]*
2	2 G430L E1 (STIS.sp.1890898)	(1) WDJ040027.30-502542.04	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=4; GAIN=1; WAVECAL=NO			2272 Secs (2272 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]*	*[1]*
3	3 G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	*[1]*
4	4 G750L (STIS.sp.1890921)	(1) WDJ040027.30-502542.04	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2535 Secs (2535 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.									
5	5 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	*[2]*
6	6 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: 20240604
GS Reacq
Pointing Maneuver
Exp. 4, split 1
Exp. 4, split 2
Exp. 4, split 3
Exp. 4, split 4
Exp. 4, split 5
**** ORBITAL VISIBILITY OVERRUN = 267
Occultation
Exp. 5
Exp. 6, copy 1
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 6, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17442, wdj040027 (03), completed Tue Oct 29 19:00:50 GMT 2024

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

Special Requirements: BEFORE 30-NOV-2024:00:00:00

Diagnostics

(wdj040027 (03)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

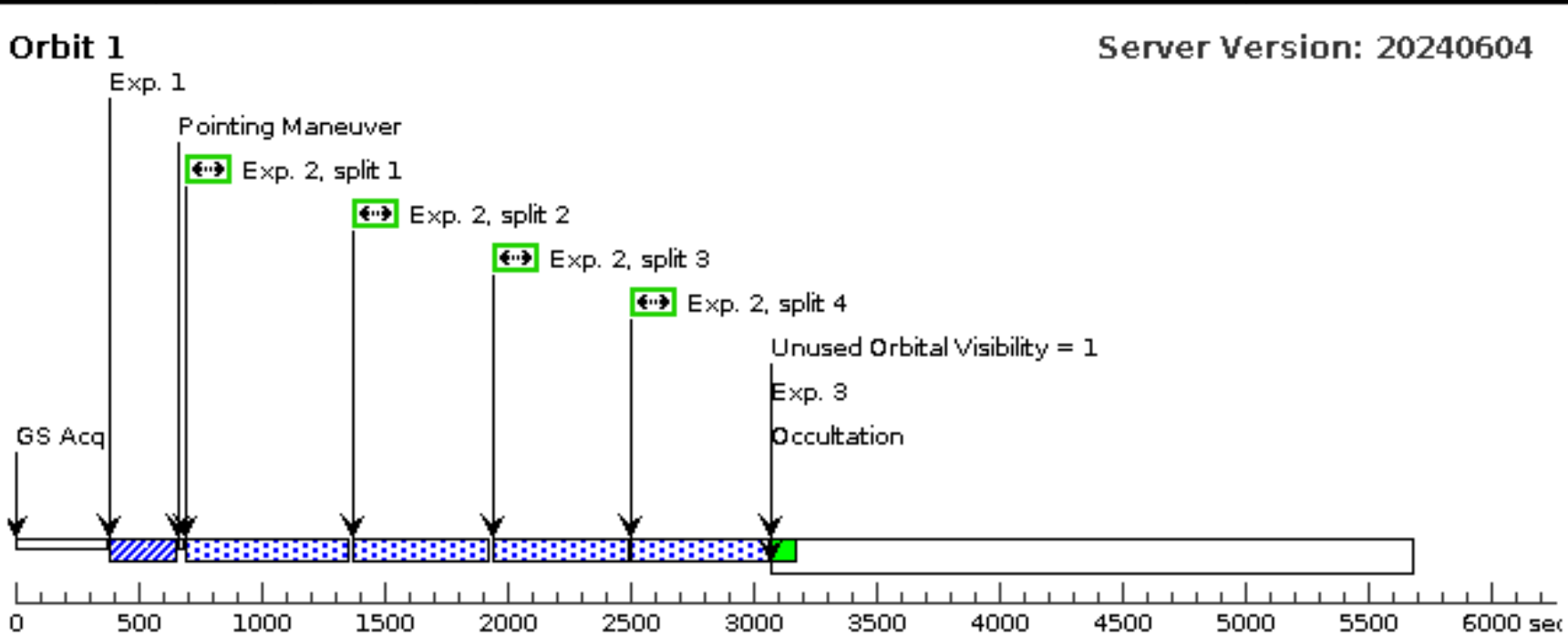
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	WDJ040027.30-502542.04	RA: 04 00 27.2990 (60.1137458d) Dec: -50 25 42.05 (-50.42835d) Equinox: J2000	Proper Motion RA: 15.83 mas/yr Proper Motion Dec: 21.17 mas/yr Epoch of Position: 2000	V=(?) 17.927Rpmag	Reference Frame: ICRS

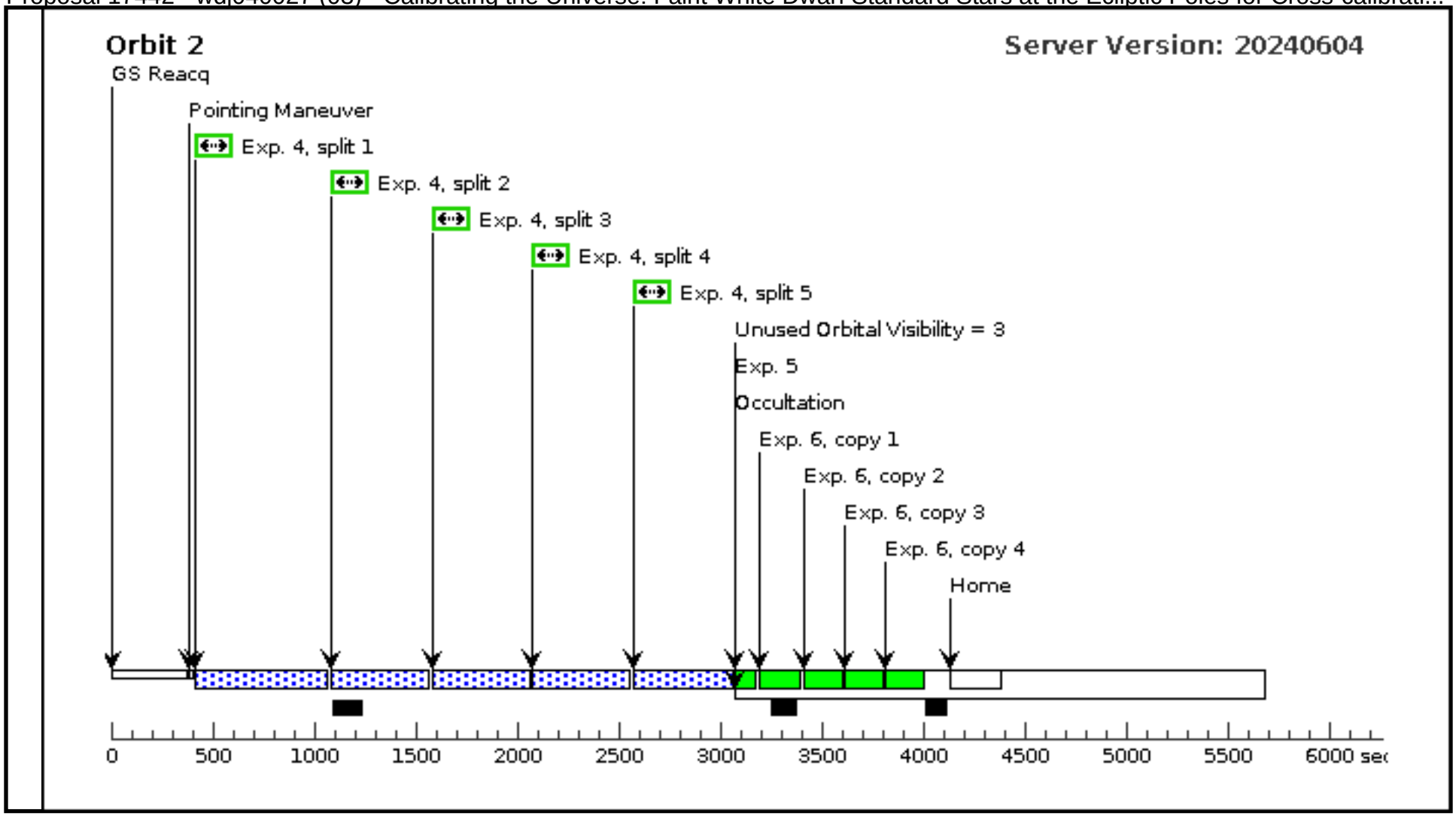
Comments:
Category=STAR
Description=[WDO]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1 ACQ (STIS.ta.1890884)	(1) WDJ040027.30-502542.04	STIS/CCD, ACQ, F28X50LP	MIRROR				10 Secs (10 Secs) *[==>]*	*[1]*
2	2 G430L E1 (STIS.sp.1890898)	(1) WDJ040027.30-502542.04	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=4; GAIN=1; WAVECAL=NO			2272 Secs (2092 Secs) *[==>523.0 Secs (Split 1)]* *[==>523.0 Secs (Split 2)]* *[==>523.0 Secs (Split 3)]* *[==>523.0 Secs (Split 4)]*	*[1]*
3	3 G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	*[1]*
4	4 G750L (STIS.sp.1890921)	(1) WDJ040027.30-502542.04	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2535 Secs (2265 Secs) *[==>453.0 Secs (Split 1)]* *[==>453.0 Secs (Split 2)]* *[==>453.0 Secs (Split 3)]* *[==>453.0 Secs (Split 4)]* *[==>453.0 Secs (Split 5)]*	*[2]*
Comments: Manual fringe flat used instead of default to get higher S/N.									
5	5 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	*[2]*
6	6 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: 20240604
GS Reacq
Pointing Maneuver
Exp. 4, split 1
Exp. 4, split 2
Exp. 4, split 3
Exp. 4, split 4
Exp. 4, split 5
Unused Orbital Visibility = 3
Exp. 5
Occultation
Exp. 6, copy 1
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 6, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17442, wdj040027 (04), completed Tue Oct 29 19:00:50 GMT 2024

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

Special Requirements: BEFORE 30-NOV-2024:00:00:00

Diagnostics

(wdj040027 (04)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(wdj040027 (04)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(wdj040027 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(wdj040027 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(wdj040027 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

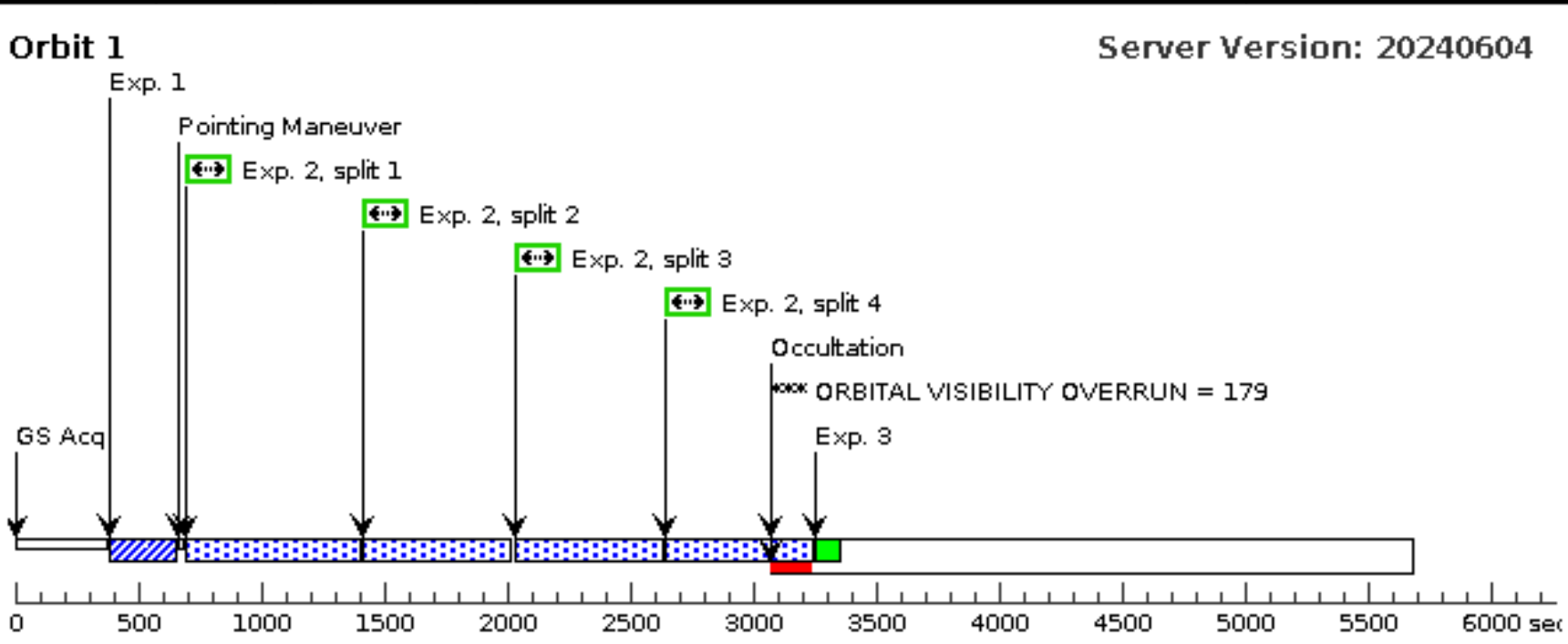
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	WDJ040027.30-502542.04	RA: 04 00 27.2990 (60.1137458d) Dec: -50 25 42.05 (-50.42835d) Equinox: J2000	Proper Motion RA: 15.83 mas/yr Proper Motion Dec: 21.17 mas/yr Epoch of Position: 2000	V=(?) 17.927Rpmag	Reference Frame: ICRS

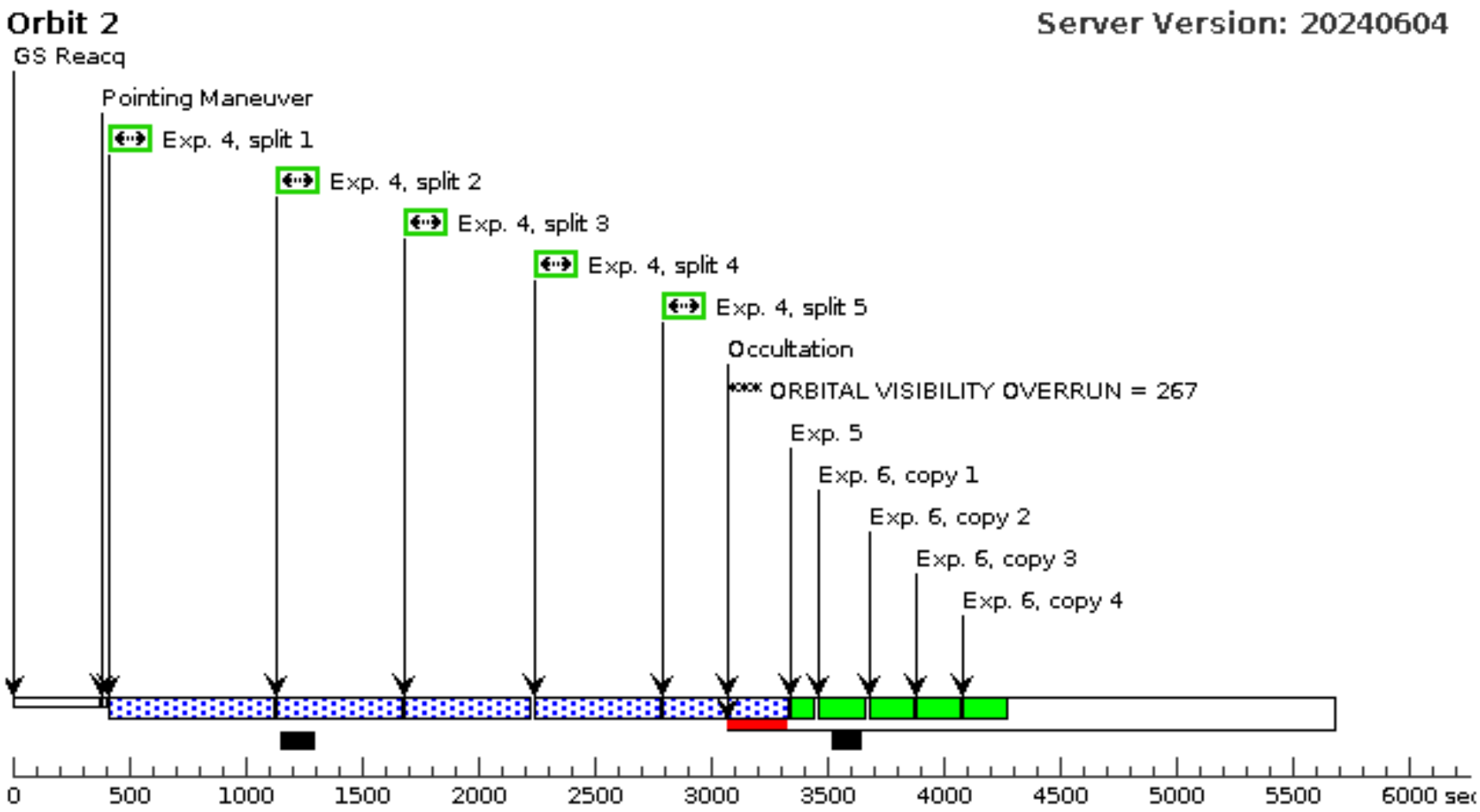
Comments:
Category=STAR
Description=[WDO]
Extended=NO

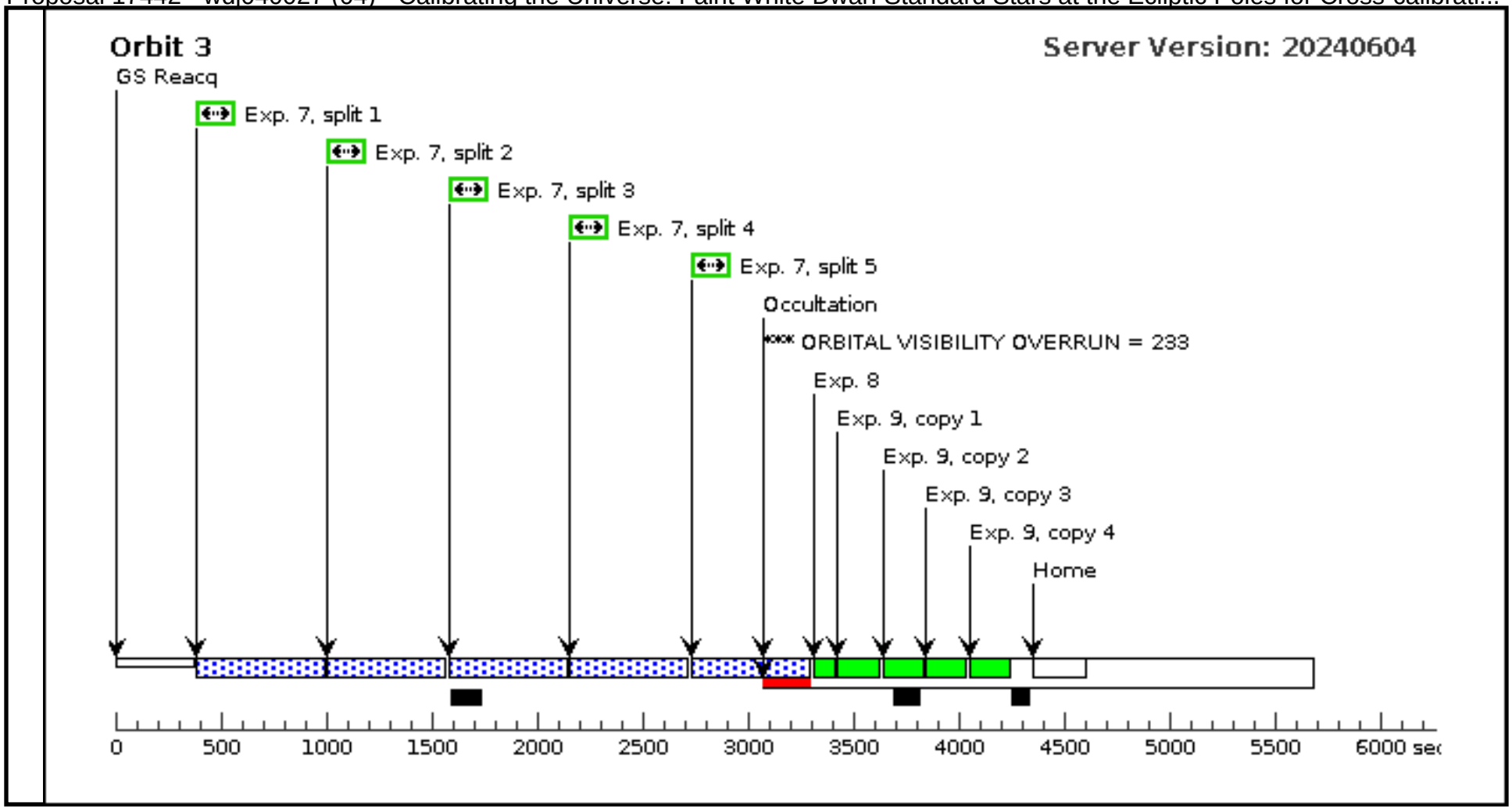
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1 ACQ (STIS.ta.1890884)	(1) WDJ040027.30-502542.04	STIS/CCD, ACQ, F28X50LP	MIRROR				10 Secs (10 Secs) *[==>]*	***[1]***
2	2 G430L E1 (STIS.sp.1890898)	(1) WDJ040027.30-502542.04	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=4; GAIN=1; WAVECAL=NO			2272 Secs (2272 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]*	***[1]***
3	3 G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[1]***
4	4 G750L (STIS.sp.1890921)	(1) WDJ040027.30-502542.04	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2535 Secs (2535 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.									
5	5 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[2]***
6	6 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]***
7	7 G750L (STIS.sp.1890921)	(1) WDJ040027.30-502542.04	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2655 Secs (2655 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.									
8	8 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
9	9 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: 20240604
GS Reacq
Pointing Maneuver
Exp. 4, split 1
Exp. 4, split 2
Exp. 4, split 3
Exp. 4, split 4
Exp. 4, split 5
Occultation
*** ORBITAL VISIBILITY OVERRUN = 267
Exp. 5
Exp. 6, copy 1
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 6, copy 4
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec


Orbit 3
Server Version: 20240604
GS Reacq
Exp. 7, split 1
Exp. 7, split 2
Exp. 7, split 3
Exp. 7, split 4
Exp. 7, split 5
Occultation
**** ORBITAL VISIBILITY OVERRUN = 233
Exp. 8
Exp. 9, copy 1
Exp. 9, copy 2
Exp. 9, copy 3
Exp. 9, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17442, wdj041345 (05), failed Tue Oct 29 19:00:50 GMT 2024

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

Special Requirements: BEFORE 30-NOV-2024:00:00:00

Diagnostics

(wdj041345 (05)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(wdj041345 (05)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

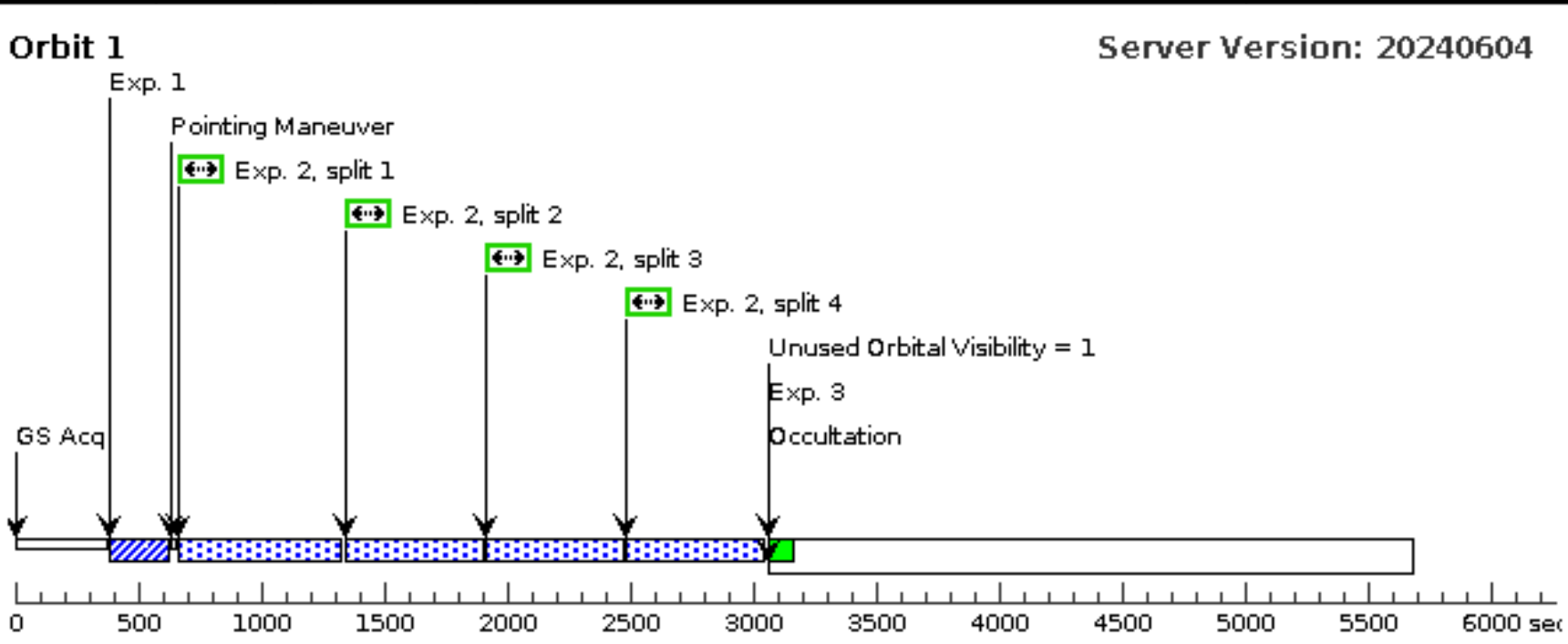
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	WDJ041345.06-473726.29	RA: 04 13 45.0640 (63.4377667d) Dec: -47 37 26.29 (-47.62397d) Equinox: J2000	Proper Motion RA: 44.34 mas/yr Proper Motion Dec: 41.95 mas/yr Epoch of Position: 2000	V=(?) 16.647Rpmag	Reference Frame: ICRS

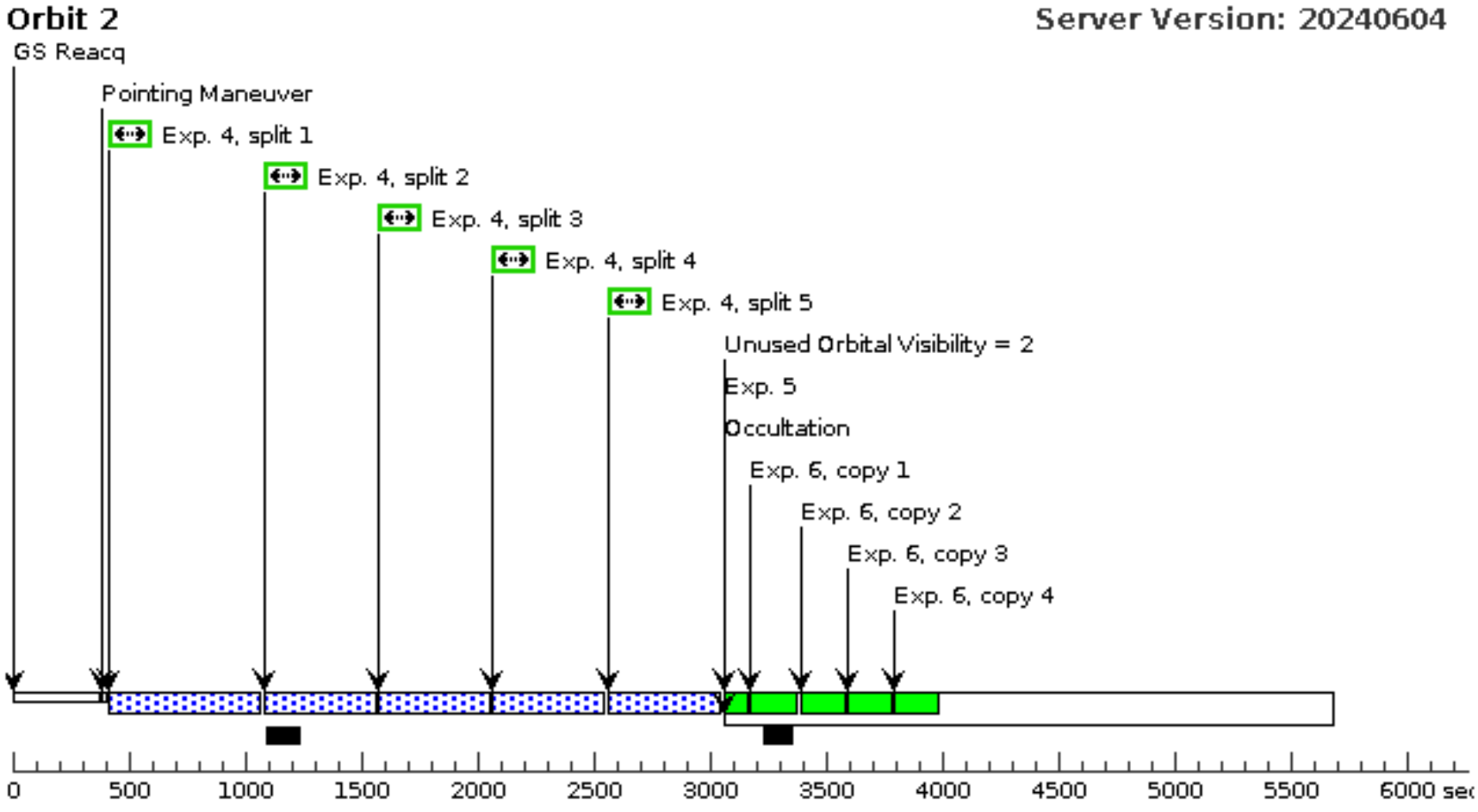
Comments:
Category=STAR
Description=[WDO]

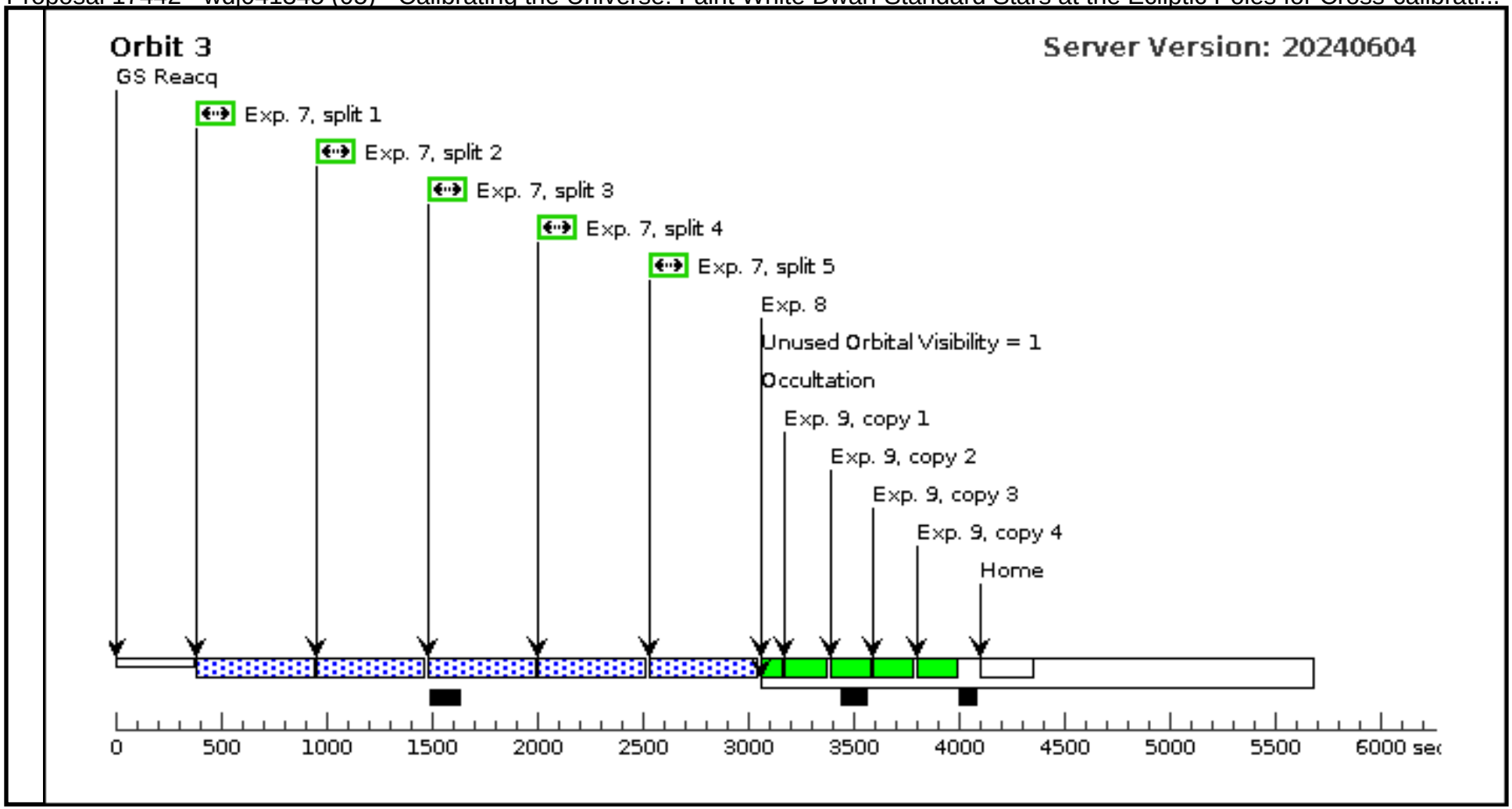
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1 ACQ (STIS.ta.1890889)	(2) WDJ041345.06-473726.29	STIS/CCD, ACQ, F28X50LP	MIRROR				3 Secs (3 Secs) *[==>]*	***[1]***
2	2 G430L E1 (STIS.sp.1890934)	(2) WDJ041345.06-473726.29	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=4; GAIN=1; WAVECAL=NO			2240 Secs (2104 Secs) *[==>526.0 Secs (Split 1)]* *[==>526.0 Secs (Split 2)]* *[==>526.0 Secs (Split 3)]* *[==>526.0 Secs (Split 4)]*	***[1]***
3	3 G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[1]***
4	4 G750L (STIS.sp.1890939)	(2) WDJ041345.06-473726.29	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2475 Secs (2250 Secs) *[==>450.0 Secs (Split 1)]* *[==>450.0 Secs (Split 2)]* *[==>450.0 Secs (Split 3)]* *[==>450.0 Secs (Split 4)]* *[==>450.0 Secs (Split 5)]*	***[2]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
5	5 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[2]***
6	6 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]***
7	7 G750L (STIS.sp.1890939)	(2) WDJ041345.06-473726.29	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2595 Secs (2405 Secs) *[==>481.0 Secs (Split 1)]* *[==>481.0 Secs (Split 2)]* *[==>481.0 Secs (Split 3)]* *[==>481.0 Secs (Split 4)]* *[==>481.0 Secs (Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
8	8 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
9	9 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: 20240604
GS Reacq
Pointing Maneuver
Exp. 4, split 1
Exp. 4, split 2
Exp. 4, split 3
Exp. 4, split 4
Exp. 4, split 5
Unused Orbital Visibility = 2
Exp. 5
Occultation
Exp. 6, copy 1
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 6, copy 4
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec


Orbit 3
Server Version: 20240604
GS Reacq
Exp. 7, split 1
Exp. 7, split 2
Exp. 7, split 3
Exp. 7, split 4
Exp. 7, split 5
Exp. 8
Unused Orbital Visibility = 1
Occultation
Exp. 9, copy 1
Exp. 9, copy 2
Exp. 9, copy 3
Exp. 9, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17442, wdj174911 (06), completed Tue Oct 29 19:00:50 GMT 2024

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

Special Requirements: BEFORE 30-NOV-2024:00:00:00

Diagnostics

(wdj174911 (06)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(wdj174911 (06)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

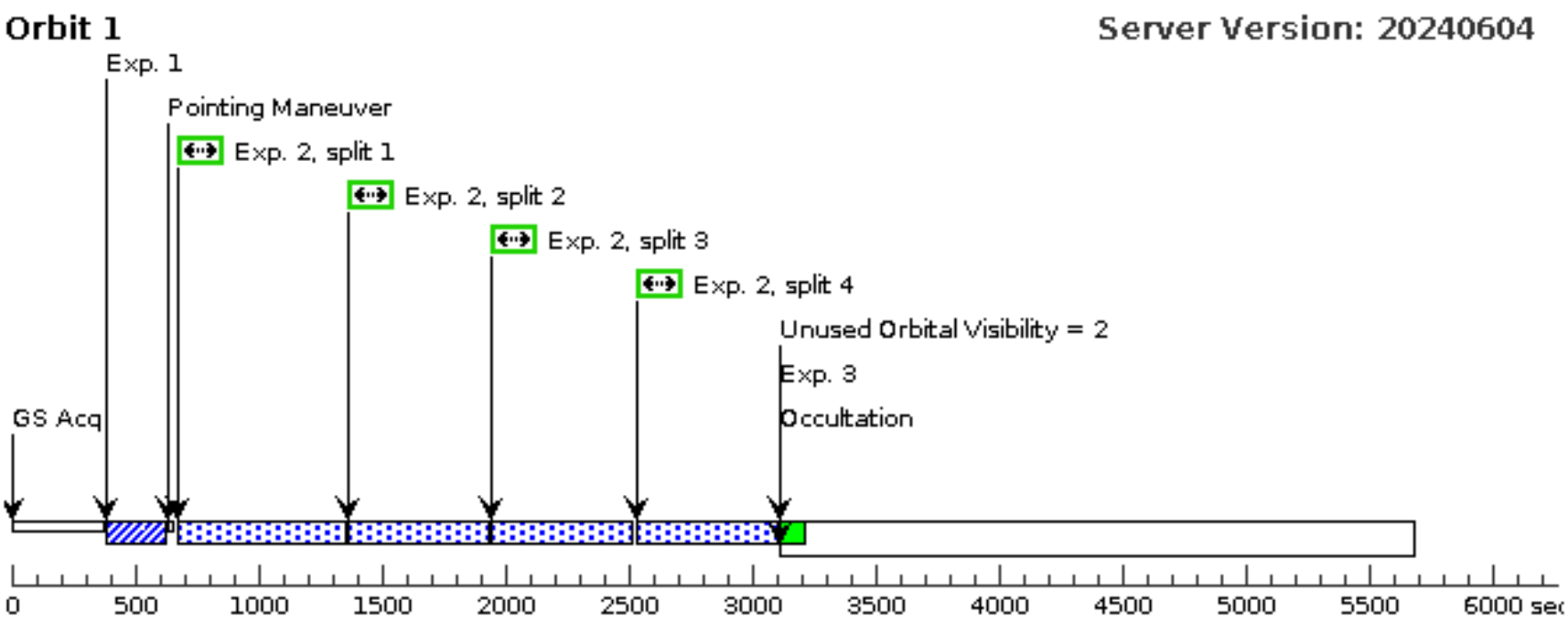
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	WDJ174911.78+643533.54	RA: 17 49 11.7840 (267.2991000d) Dec: +64 35 33.54 (64.59265d) Equinox: J2000	Proper Motion RA: 26.98 mas/yr Proper Motion Dec: -19.23 mas/yr Epoch of Position: 2000	V=(?) 16.936Rpmag	Reference Frame: ICRS

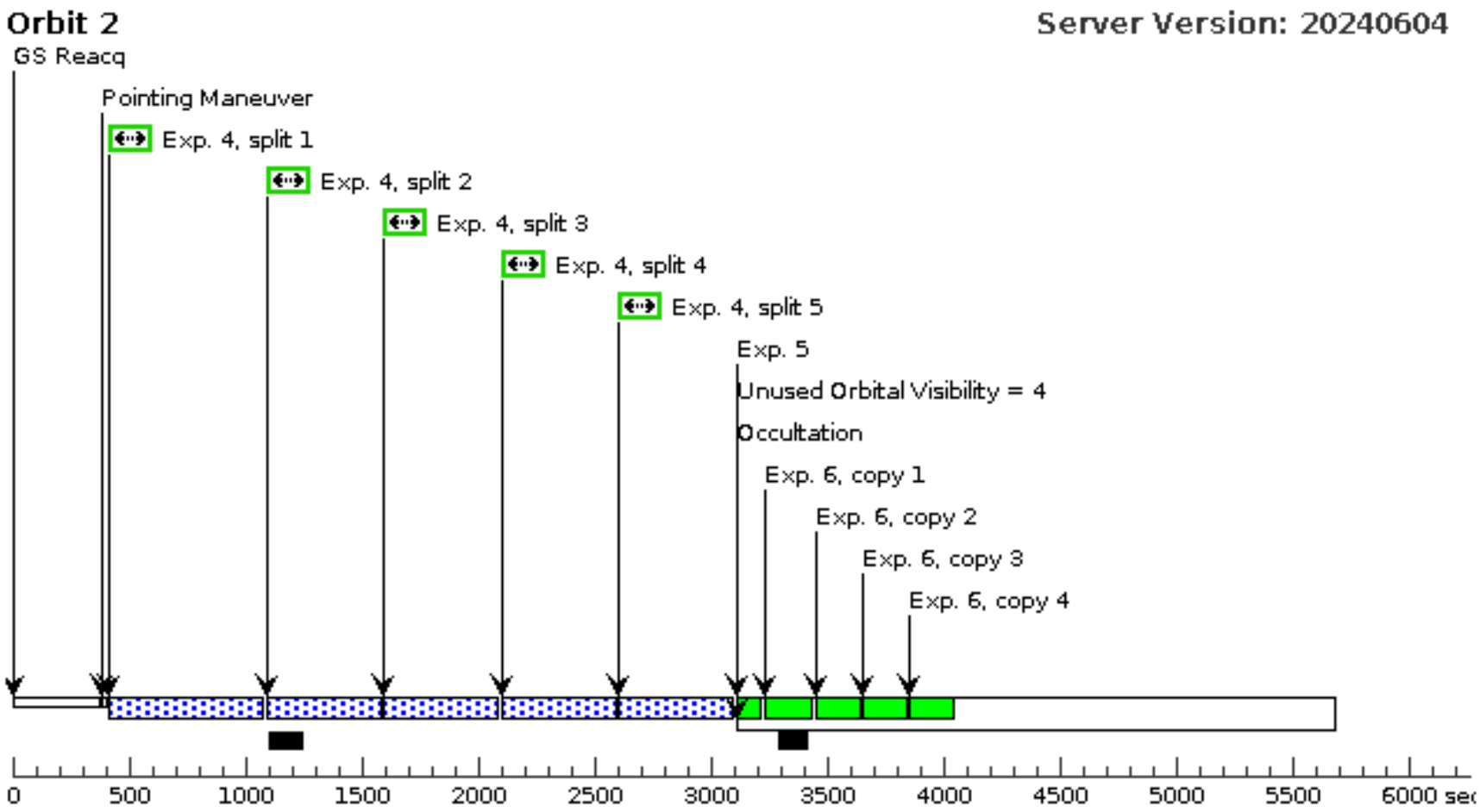
Comments:
Category=STAR
Description=[WDO]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1 ACQ (STIS.ta.1890890)	(3) WDJ174911.78+643533.54	STIS/CCD, ACQ, F28X50LP	MIRROR				4 Secs (4 Secs) *[==>]*	***[1]***
2	2 G430L E1 (STIS.sp.1890947)	(3) WDJ174911.78+643533.54	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=4; GAIN=1; WAVECAL=NO			2380 Secs (2156 Secs) *[==>539.0 Secs (Split 1)]* *[==>539.0 Secs (Split 2)]* *[==>539.0 Secs (Split 3)]* *[==>539.0 Secs (Split 4)]*	***[1]***
3	3 G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[1]***
4	4 G750L (STIS.sp.1890951)	(3) WDJ174911.78+643533.54	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2620 Secs (2305 Secs) *[==>461.0 Secs (Split 1)]* *[==>461.0 Secs (Split 2)]* *[==>461.0 Secs (Split 3)]* *[==>461.0 Secs (Split 4)]* *[==>461.0 Secs (Split 5)]*	***[2]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
5	5 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[2]***
6	6 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]***
7	7 G750L (STIS.sp.1890951)	(3) WDJ174911.78+643533.54	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2735 Secs (2460 Secs) *[==>492.0 Secs (Split 1)]* *[==>492.0 Secs (Split 2)]* *[==>492.0 Secs (Split 3)]* *[==>492.0 Secs (Split 4)]* *[==>492.0 Secs (Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
8	8 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
9	9 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: 20240604
GS Reacq
Pointing Maneuver
Exp. 4, split 1
Exp. 4, split 2
Exp. 4, split 3
Exp. 4, split 4
Exp. 4, split 5
Exp. 5
Unused Orbital Visibility = 4
Occultation
Exp. 6, copy 1
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 6, copy 4
0
500
1000
1500
2000
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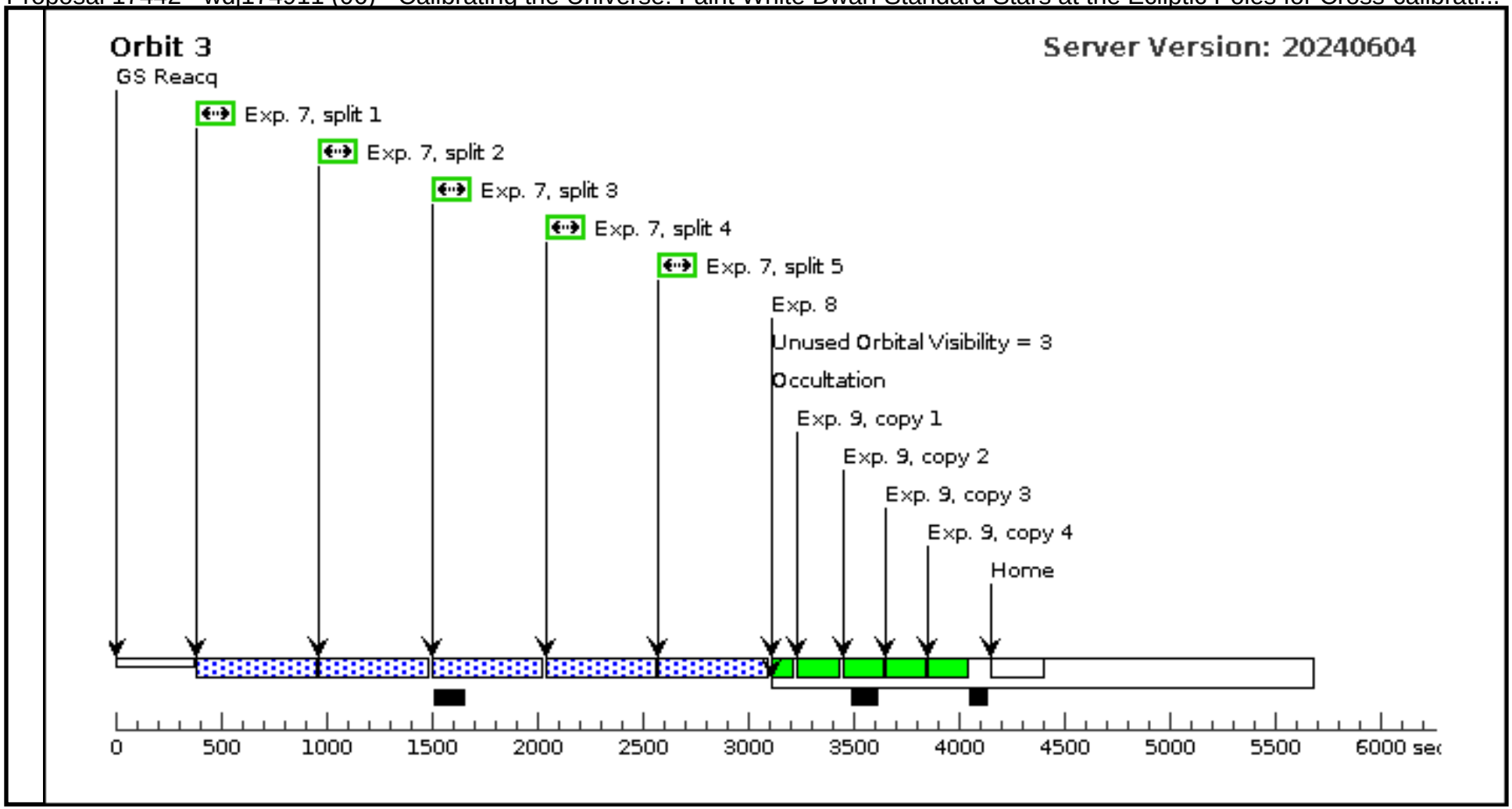
3000
3500
4000
4500
5000
5500
6000 sec


Orbit 3
Server Version: 20240604
GS Reacq
Exp. 7, split 1
Exp. 7, split 2
Exp. 7, split 3
Exp. 7, split 4
Exp. 7, split 5
Exp. 8
Unused Orbital Visibility = 3
Occultation
Exp. 9, copy 1
Exp. 9, copy 2
Exp. 9, copy 3
Exp. 9, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17442, wdj175318 (07), completed Tue Oct 29 19:00:50 GMT 2024

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

Special Requirements: BEFORE 30-NOV-2024:00:00:00

Diagnostics

(wdj175318 (07)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

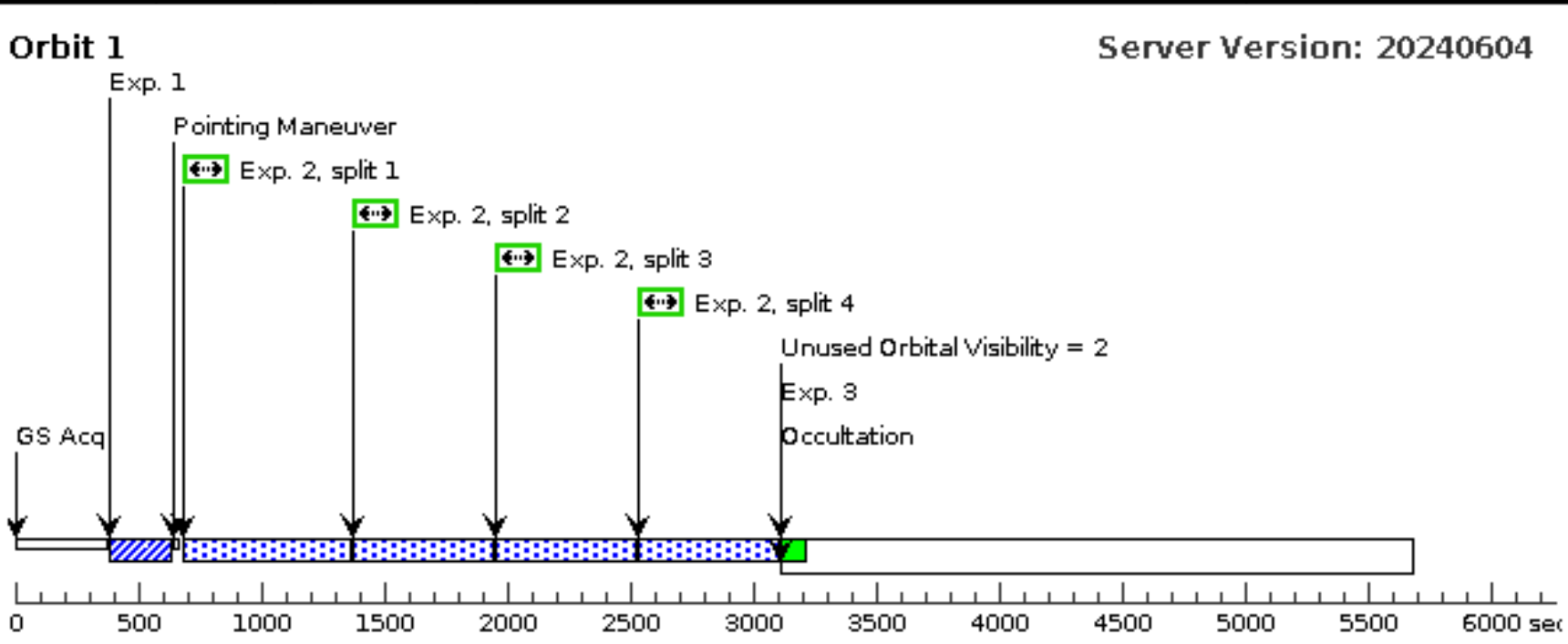
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	WDJ175318.65+644502.15	RA: 17 53 18.6470 (268.3276958d) Dec: +64 45 2.15 (64.75060d) Equinox: J2000	Proper Motion RA: -3.40 mas/yr Proper Motion Dec: 9.460 mas/yr Epoch of Position: 2000	V=(?) 17.3966Rpmg	Reference Frame: ICRS

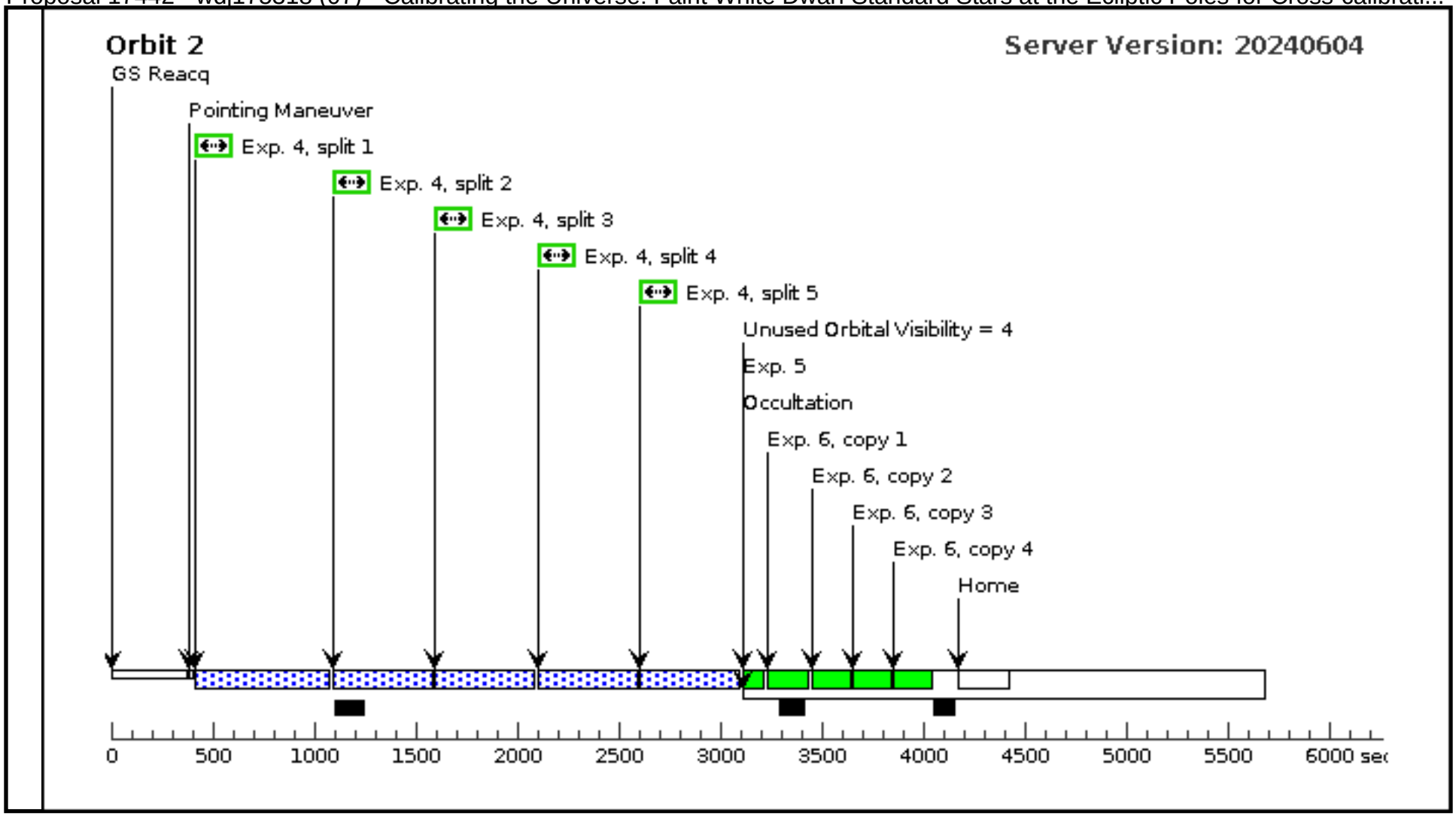
Comments:
Category=STAR
Description=[WDO]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1 ACQ (STIS.ta.1890893)	(4) WDJ175318.65+644502.15	STIS/CCD, ACQ, F28X50LP	MIRROR				6 Secs (6 Secs) *[==>]*	***[1]***
2	2 G430L E1 (STIS.sp.1890955)	(4) WDJ175318.65+644502.15	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=4; GAIN=1; WAVECAL=NO			2372 Secs (2148 Secs) *[==>537.0 Secs (Split 1)]* *[==>537.0 Secs (Split 2)]* *[==>537.0 Secs (Split 3)]* *[==>537.0 Secs (Split 4)]*	***[1]***
3	3 G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[1]***
4	4 G750L (STIS.sp.1890956)	(4) WDJ175318.65+644502.15	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2620 Secs (2305 Secs) *[==>461.0 Secs (Split 1)]* *[==>461.0 Secs (Split 2)]* *[==>461.0 Secs (Split 3)]* *[==>461.0 Secs (Split 4)]* *[==>461.0 Secs (Split 5)]*	***[2]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
5	5 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[2]***
6	6 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: 20240604
GS Reacq
Pointing Maneuver
Exp. 4, split 1
Exp. 4, split 2
Exp. 4, split 3
Exp. 4, split 4
Exp. 4, split 5
Unused Orbital Visibility = 4
Exp. 5
Occultation
Exp. 6, copy 1
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 6, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17442, wdj175318 (08), failed Tue Oct 29 19:00:50 GMT 2024

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

Special Requirements: BEFORE 30-NOV-2024:00:00:00

Diagnostics

(wdj175318 (08)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(wdj175318 (08)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

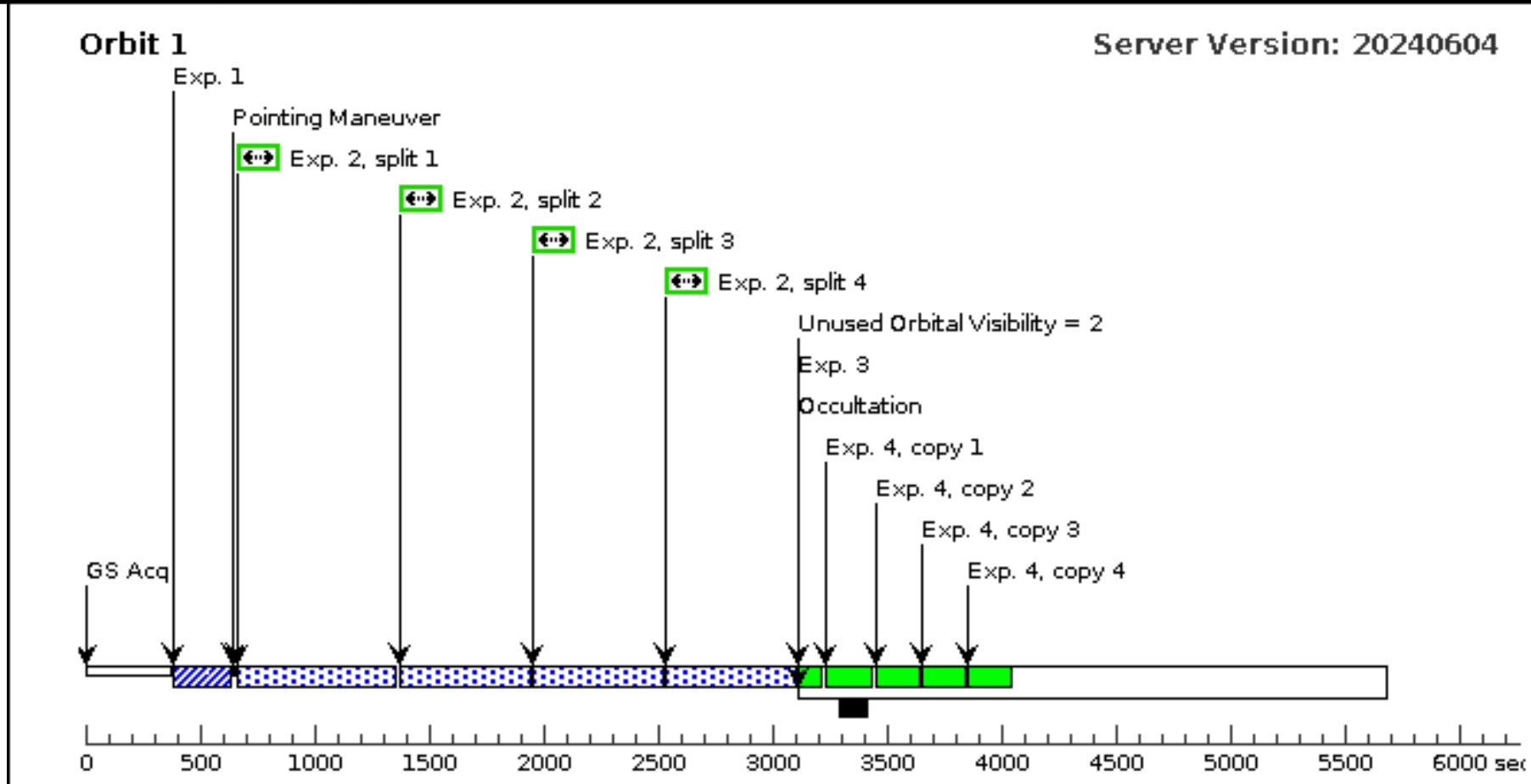
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	WDJ175318.65+644502.15	RA: 17 53 18.6470 (268.3276958d) Dec: +64 45 2.15 (64.75060d) Equinox: J2000	Proper Motion RA: -3.40 mas/yr Proper Motion Dec: 9.460 mas/yr Epoch of Position: 2000	V=(?) 17.3966Rpmg	Reference Frame: ICRS

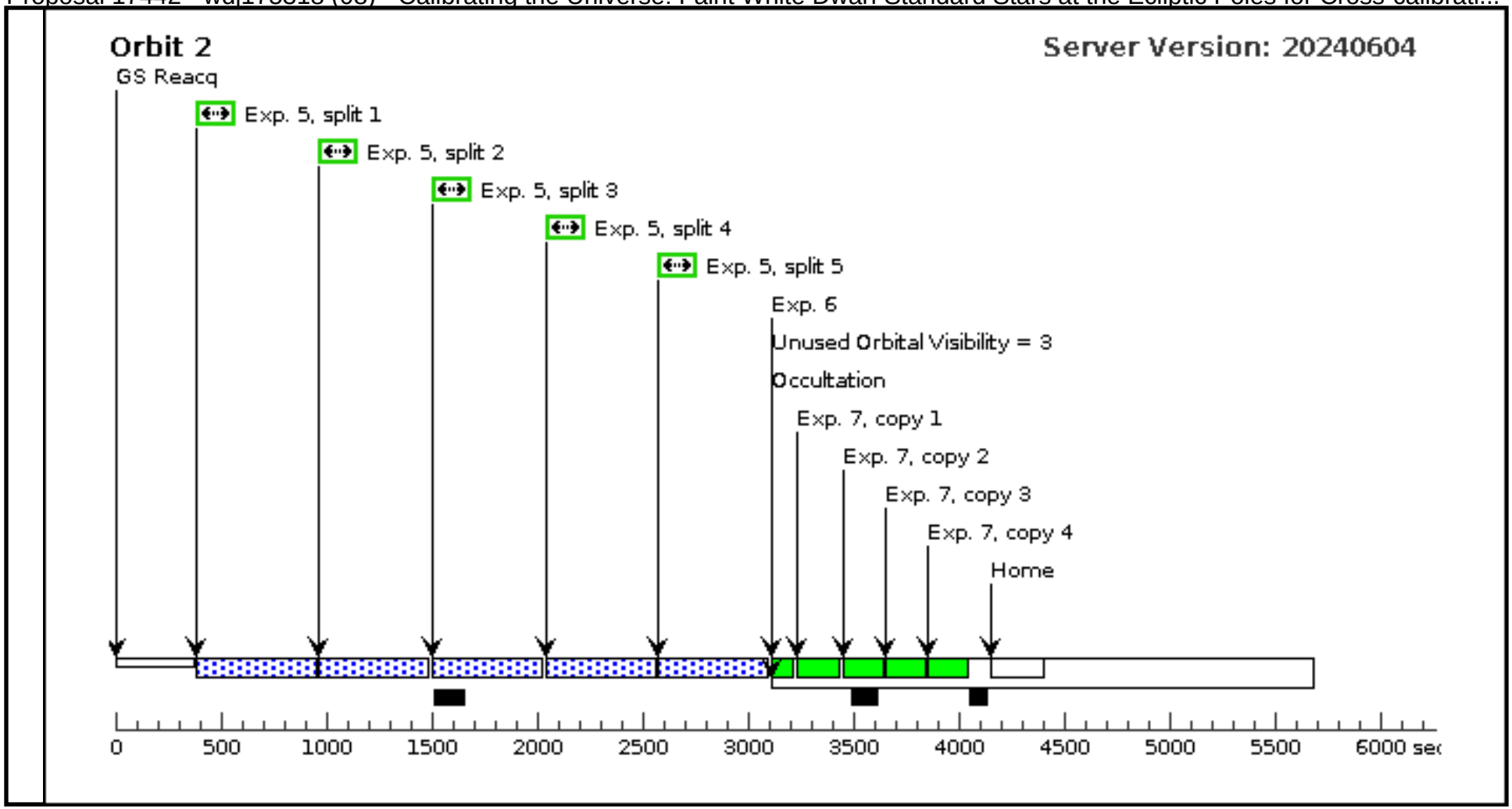
Comments:
Category=STAR
Description=[WDO]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1 ACQ (STIS.ta.1890893)	(4) WDJ175318.65+644502.15	STIS/CCD, ACQ, F28X50LP	MIRROR				6 Secs (6 Secs) *[==>]*	***[1]***
2	2 G750L (STIS.sp.1890955)	(4) WDJ175318.65+644502.15	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=4; GAIN=1; WAVECAL=NO			2368 Secs (2144 Secs) *[==>536.0 Secs (Split 1)]* *[==>536.0 Secs (Split 2)]* *[==>536.0 Secs (Split 3)]* *[==>536.0 Secs (Split 4)]*	***[1]***
3	3 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[1]***
4	4 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	5 G750L (STIS.sp.1890956)	(4) WDJ175318.65+644502.15	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2735 Secs (2460 Secs) *[==>492.0 Secs (Split 1)]* *[==>492.0 Secs (Split 2)]* *[==>492.0 Secs (Split 3)]* *[==>492.0 Secs (Split 4)]* *[==>492.0 Secs (Split 5)]*	***[2]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
6	6 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[2]***
7	7 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: 20240604
GS Reacq
Exp. 5, split 1
Exp. 5, split 2
Exp. 5, split 3
Exp. 5, split 4
Exp. 5, split 5
Exp. 6
Unused Orbital Visibility = 3
Occultation
Exp. 7, copy 1
Exp. 7, copy 2
Exp. 7, copy 3
Exp. 7, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17442, wdj181144 (09), completed Tue Oct 29 19:00:50 GMT 2024

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

Special Requirements: BEFORE 30-NOV-2024:00:00:00

Diagnostics

(wdj181144 (09)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(wdj181144 (09)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

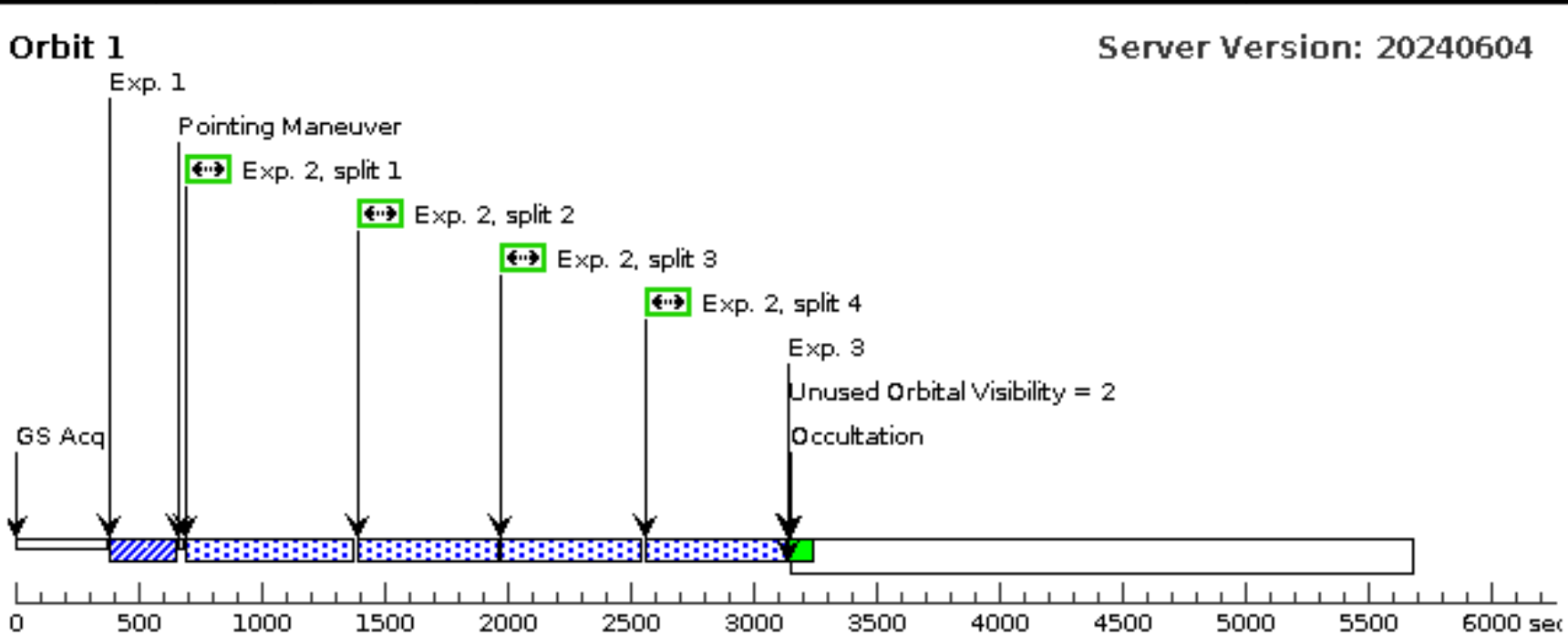
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	WDJ181144.96+654916.42	RA: 18 11 44.9580 (272.9373250d) Dec: +65 49 16.45 (65.82124d) Equinox: J2000	Proper Motion RA: -3.997 mas/yr Proper Motion Dec: -57.103 mas/yr Epoch of Position: 2000	V=(?) 17.655Rpmag	Reference Frame: ICRS

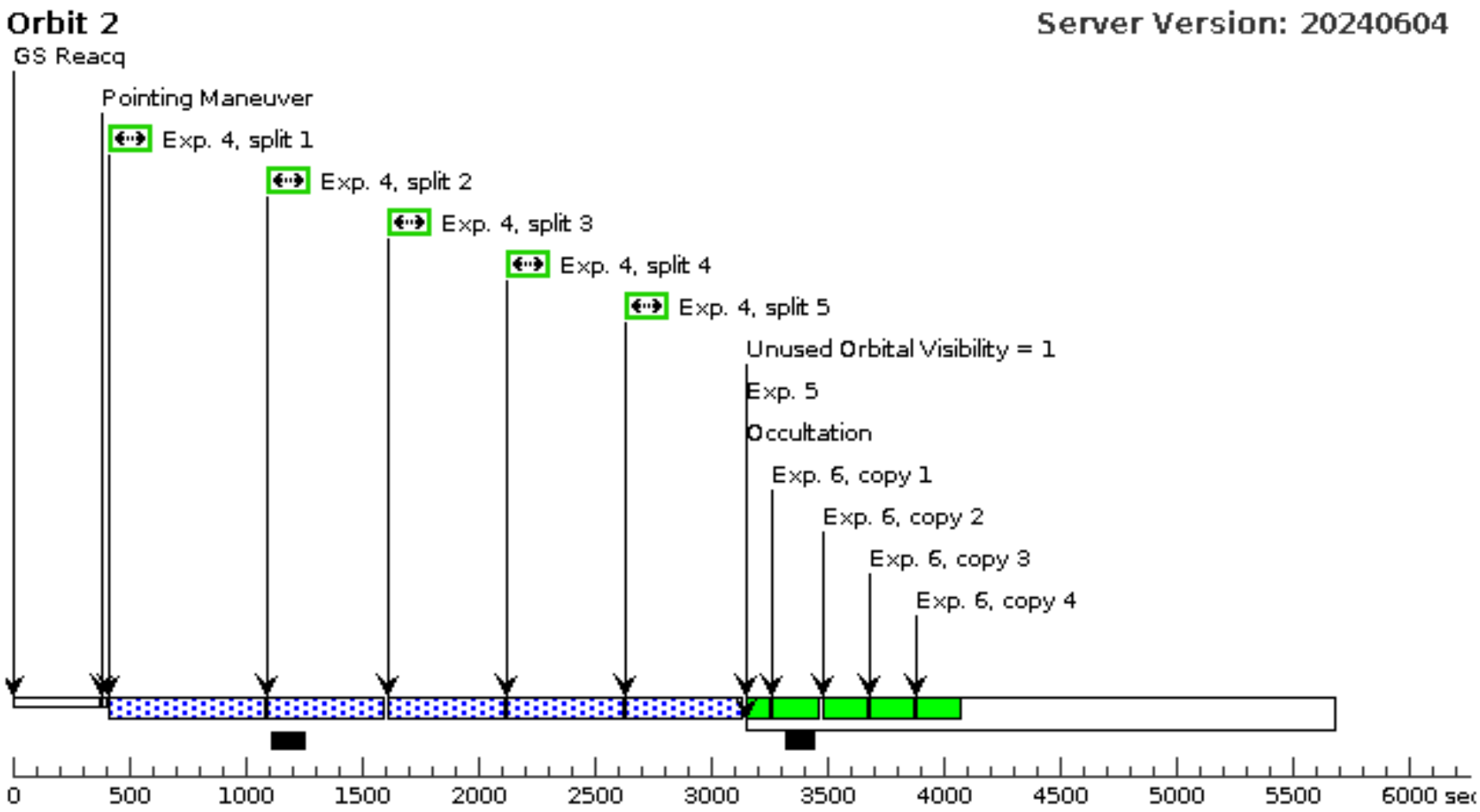
Comments:
Category=STAR
Description=[WDO]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1 ACQ (STIS.ta.1890894)	(5) WDJ181144.96+654916.42	STIS/CCD, ACQ, F28X50LP	MIRROR				10 Secs (10 Secs) *[==>]*	***[1]***
2	2 G430L E1 (STIS.sp.1890960)	(5) WDJ181144.96+654916.42	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=4; GAIN=1; WAVECAL=NO			2428 Secs (2164 Secs) *[==>541.0 Secs (Split 1)]* *[==>541.0 Secs (Split 2)]* *[==>541.0 Secs (Split 3)]* *[==>541.0 Secs (Split 4)]*	***[1]***
3	3 G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[1]***
4	4 G750L (STIS.sp.1890964)	(5) WDJ181144.96+654916.42	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2690 Secs (2340 Secs) *[==>468.0 Secs (Split 1)]* *[==>468.0 Secs (Split 2)]* *[==>468.0 Secs (Split 3)]* *[==>468.0 Secs (Split 4)]* *[==>468.0 Secs (Split 5)]*	***[2]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
5	5 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[2]***
6	6 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]***
7	7 G750L (STIS.sp.1890964)	(5) WDJ181144.96+654916.42	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2805 Secs (2495 Secs) *[==>499.0 Secs (Split 1)]* *[==>499.0 Secs (Split 2)]* *[==>499.0 Secs (Split 3)]* *[==>499.0 Secs (Split 4)]* *[==>499.0 Secs (Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
8	8 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
9	9 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: 20240604
GS Reacq
Pointing Maneuver
Exp. 4, split 1
Exp. 4, split 2
Exp. 4, split 3
Exp. 4, split 4
Exp. 4, split 5
Unused Orbital Visibility = 1
Exp. 5
Occultation
Exp. 6, copy 1
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 6, copy 4
0
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1000
1500
2000
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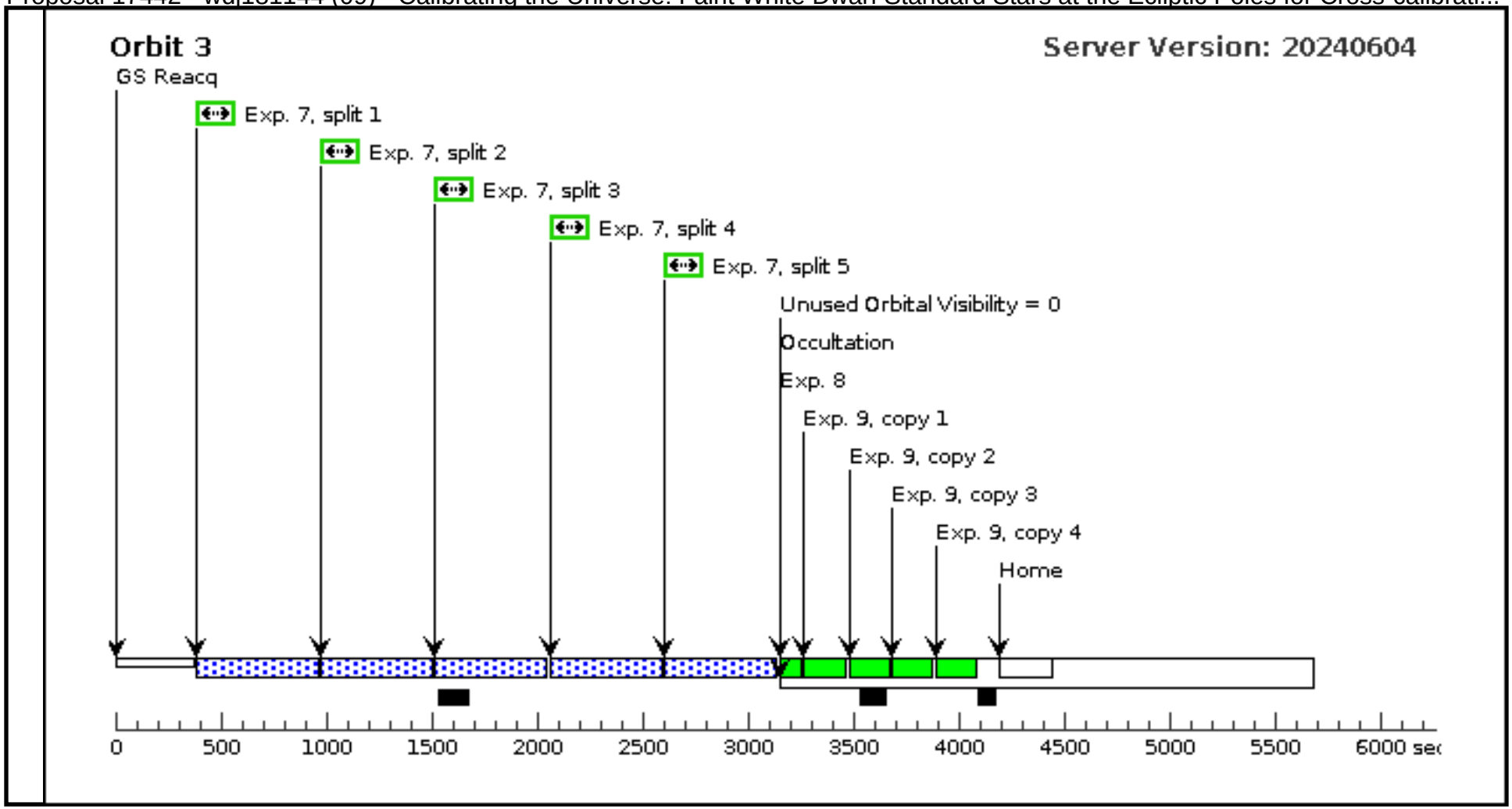
3000
3500
4000
4500
5000
5500
6000 sec


Orbit 3
Server Version: 20240604
GS Reacq
Exp. 7, split 1
Exp. 7, split 2
Exp. 7, split 3
Exp. 7, split 4
Exp. 7, split 5
Unused Orbital Visibility = 0
Occultation
Exp. 8
Exp. 9, copy 1
Exp. 9, copy 2
Exp. 9, copy 3
Exp. 9, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17442, wdj181144 (10), failed Tue Oct 29 19:00:50 GMT 2024

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

Special Requirements: BEFORE 30-NOV-2024:00:00:00

Diagnostics

(wdj181144 (10)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

(wdj181144 (10)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

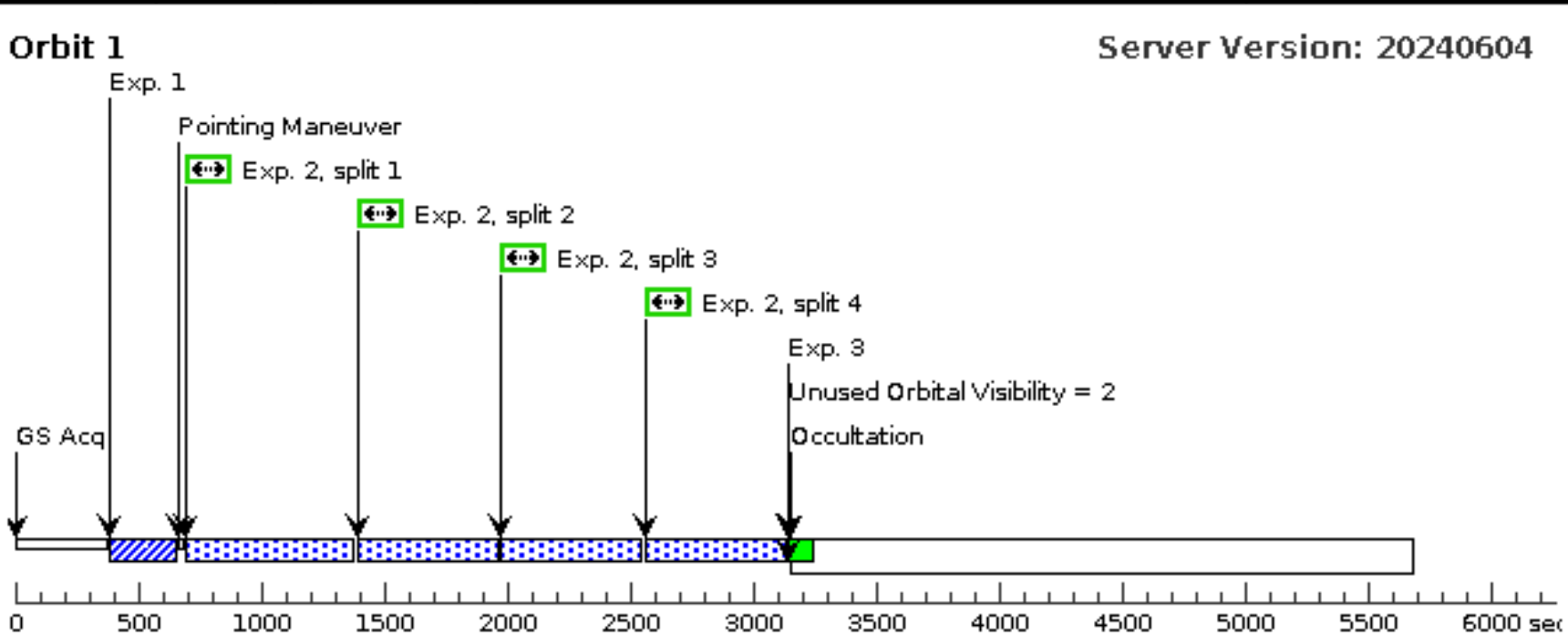
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	WDJ181144.96+654916.42	RA: 18 11 44.9580 (272.9373250d) Dec: +65 49 16.45 (65.82124d) Equinox: J2000	Proper Motion RA: -3.997 mas/yr Proper Motion Dec: -57.103 mas/yr Epoch of Position: 2000	V=(?) 17.655Rpmag	Reference Frame: ICRS

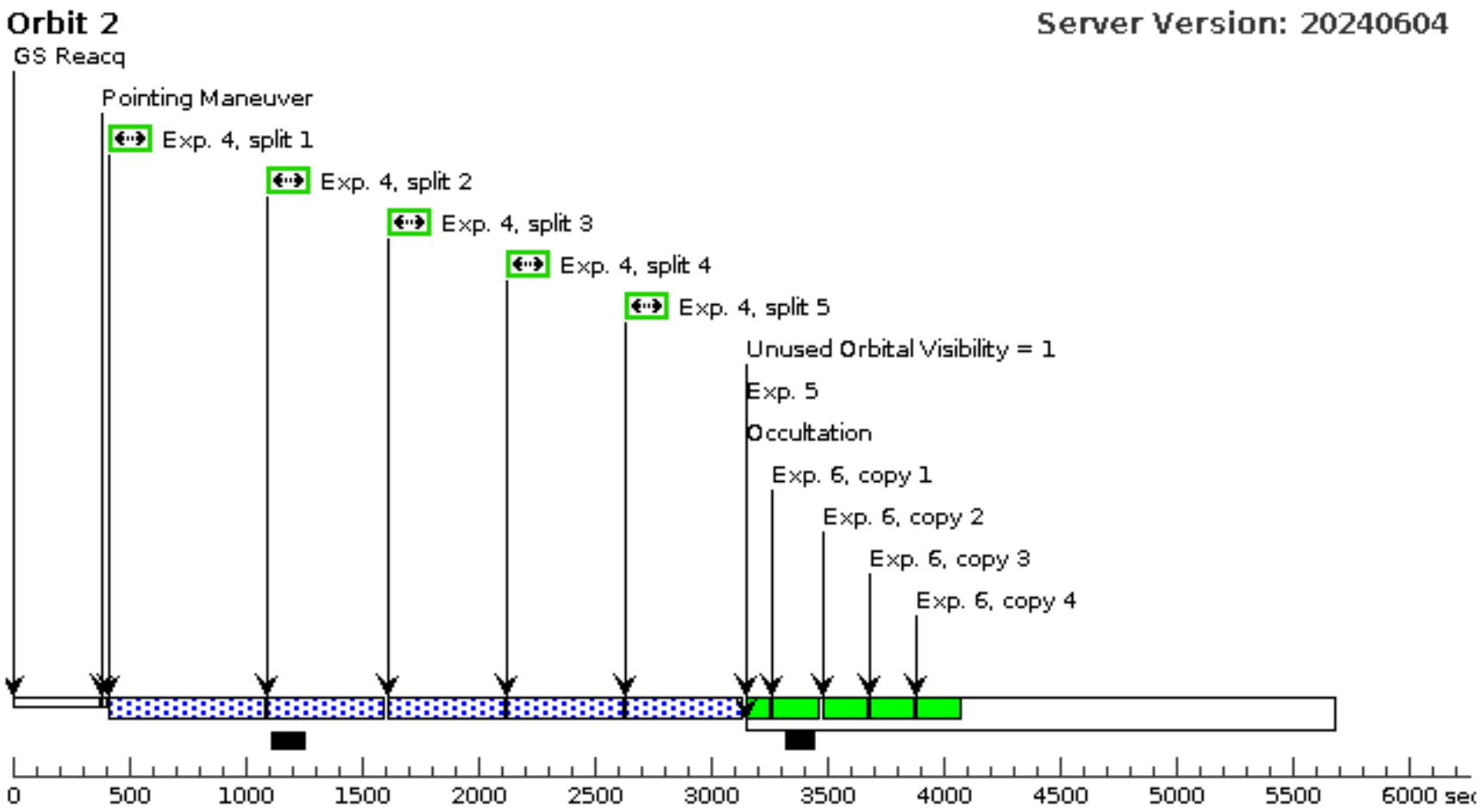
Comments:
Category=STAR
Description=[WDO]

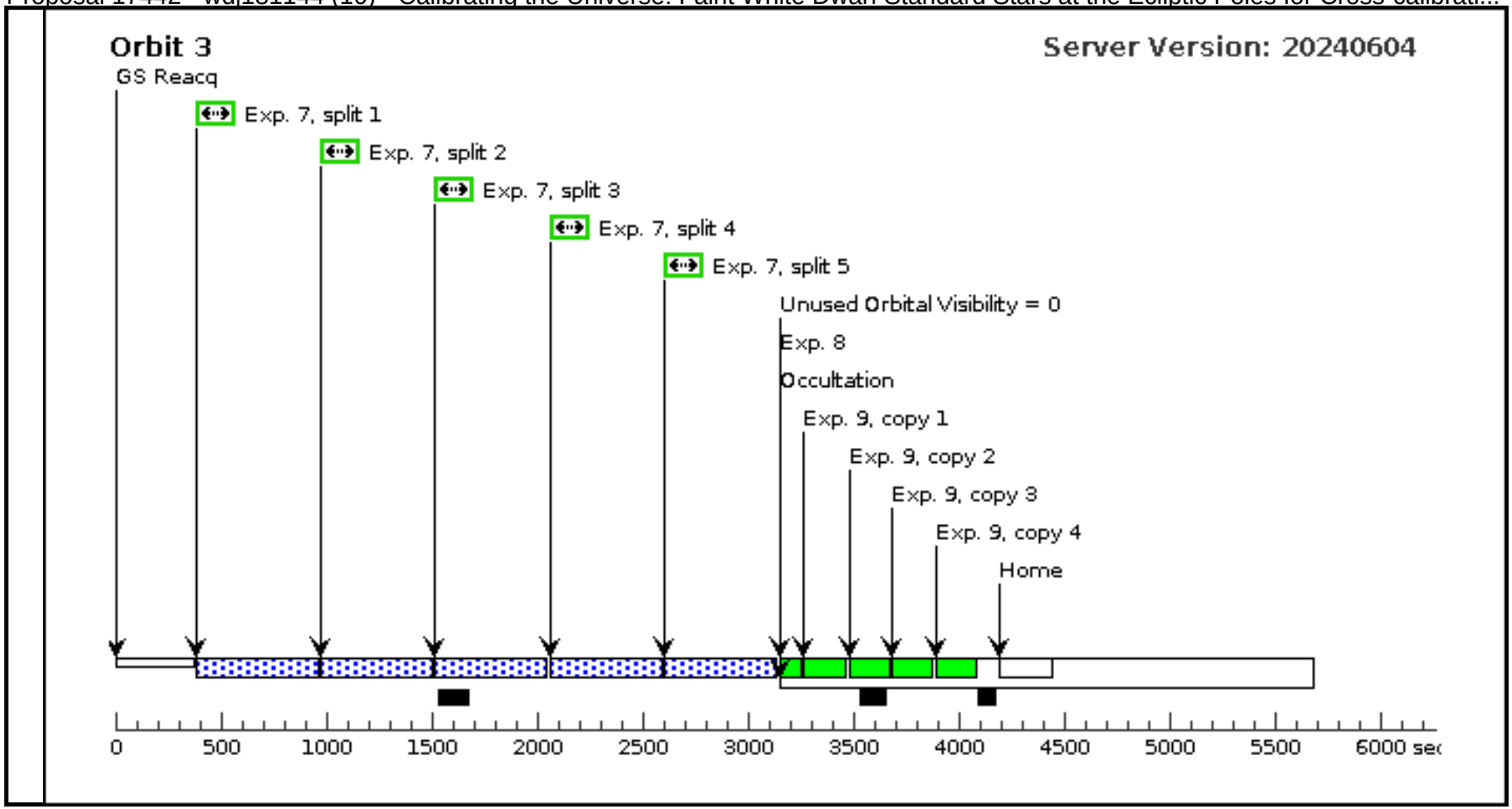
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1 ACQ (STIS.ta.1890894)	(5) WDJ181144.96+654916.42	STIS/CCD, ACQ, F28X50LP	MIRROR				10 Secs (10 Secs) *[==>]*	***[1]***
2	2 G430L E1 (STIS.sp.1890960)	(5) WDJ181144.96+654916.42	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=4; GAIN=1; WAVECAL=NO			2428 Secs (2164 Secs) *[==>541.0 Secs (Split 1)]* *[==>541.0 Secs (Split 2)]* *[==>541.0 Secs (Split 3)]* *[==>541.0 Secs (Split 4)]*	***[1]***
3	3 G430L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				*[==>]*	***[1]***
4	4 G750L (STIS.sp.1890964)	(5) WDJ181144.96+654916.42	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2690 Secs (2340 Secs) *[==>468.0 Secs (Split 1)]* *[==>468.0 Secs (Split 2)]* *[==>468.0 Secs (Split 3)]* *[==>468.0 Secs (Split 4)]* *[==>468.0 Secs (Split 5)]*	***[2]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
5	5 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[2]***
6	6 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]***
7	7 G750L (STIS.sp.1890964)	(5) WDJ181144.96+654916.42	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2805 Secs (2495 Secs) *[==>499.0 Secs (Split 1)]* *[==>499.0 Secs (Split 2)]* *[==>499.0 Secs (Split 3)]* *[==>499.0 Secs (Split 4)]* *[==>499.0 Secs (Split 5)]*	***[3]***
Comments: Manual fringe flat used instead of default to get higher S/N.									
8	8 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[3]***
9	9 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: 20240604
GS Reacq
Pointing Maneuver
Exp. 4, split 1
Exp. 4, split 2
Exp. 4, split 3
Exp. 4, split 4
Exp. 4, split 5
Unused Orbital Visibility = 1
Exp. 5
Occultation
Exp. 6, copy 1
Exp. 6, copy 2
Exp. 6, copy 3
Exp. 6, copy 4
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec


Orbit 3
Server Version: 20240604
GS Reacq
Exp. 7, split 1
Exp. 7, split 2
Exp. 7, split 3
Exp. 7, split 4
Exp. 7, split 5
Unused Orbital Visibility = 0
Exp. 8
Occultation
Exp. 9, copy 1
Exp. 9, copy 2
Exp. 9, copy 3
Exp. 9, copy 4
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 17442, wdj181144 (50), implementation Tue Oct 29 19:00:50 GMT 2024

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

Special Requirements: BEFORE 30-DEC-2024:00:00:00

Comments: This submission of 2024oct10 is for a repeat of the failed 2nd orbit of Visit 10 per HOPR 92933 of 2024Aug9 & is late, because I just received notification of HOPR approval today.

Diagnostics

(wdj181144 (50)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

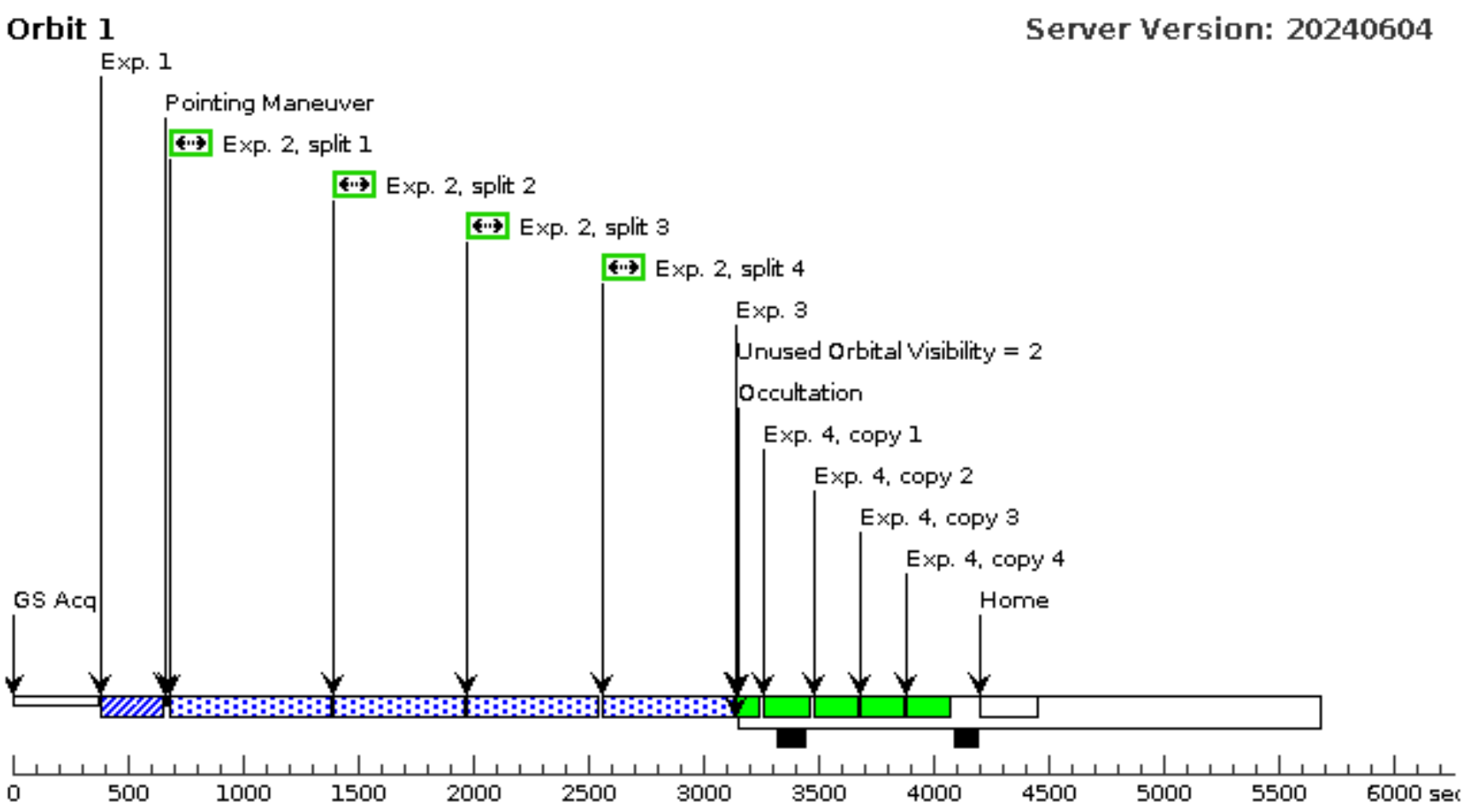
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	WDJ181144.96+654916.42	RA: 18 11 44.9580 (272.9373250d) Dec: +65 49 16.45 (65.82124d) Equinox: J2000	Proper Motion RA: -3.997 mas/yr Proper Motion Dec: -57.103 mas/yr Epoch of Position: 2000	V=(?) 17.655Rpmag	Reference Frame: ICRS

Comments:
Category=STAR
Description=[WDO]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1 ACQ (STIS.ta.1890894)	(5) WDJ181144.96+654916.42	STIS/CCD, ACQ, F28X50LP	MIRROR				10 Secs (10 Secs) *[==>]*	***[1]***
2	2 G750L (STIS.sp.1890964)	(5) WDJ181144.96+654916.42	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=4; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2160 Secs (2160 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]*	***[1]***
	Comments: Manual fringe flat used instead of default to get higher S/N.								
3	3 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	***[1]***
4	4 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



Visit

Proposal 17442, 8R (11), completed Tue Oct 29 19:00:50 GMT 2024

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

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

Diagnostics

(8R (11)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

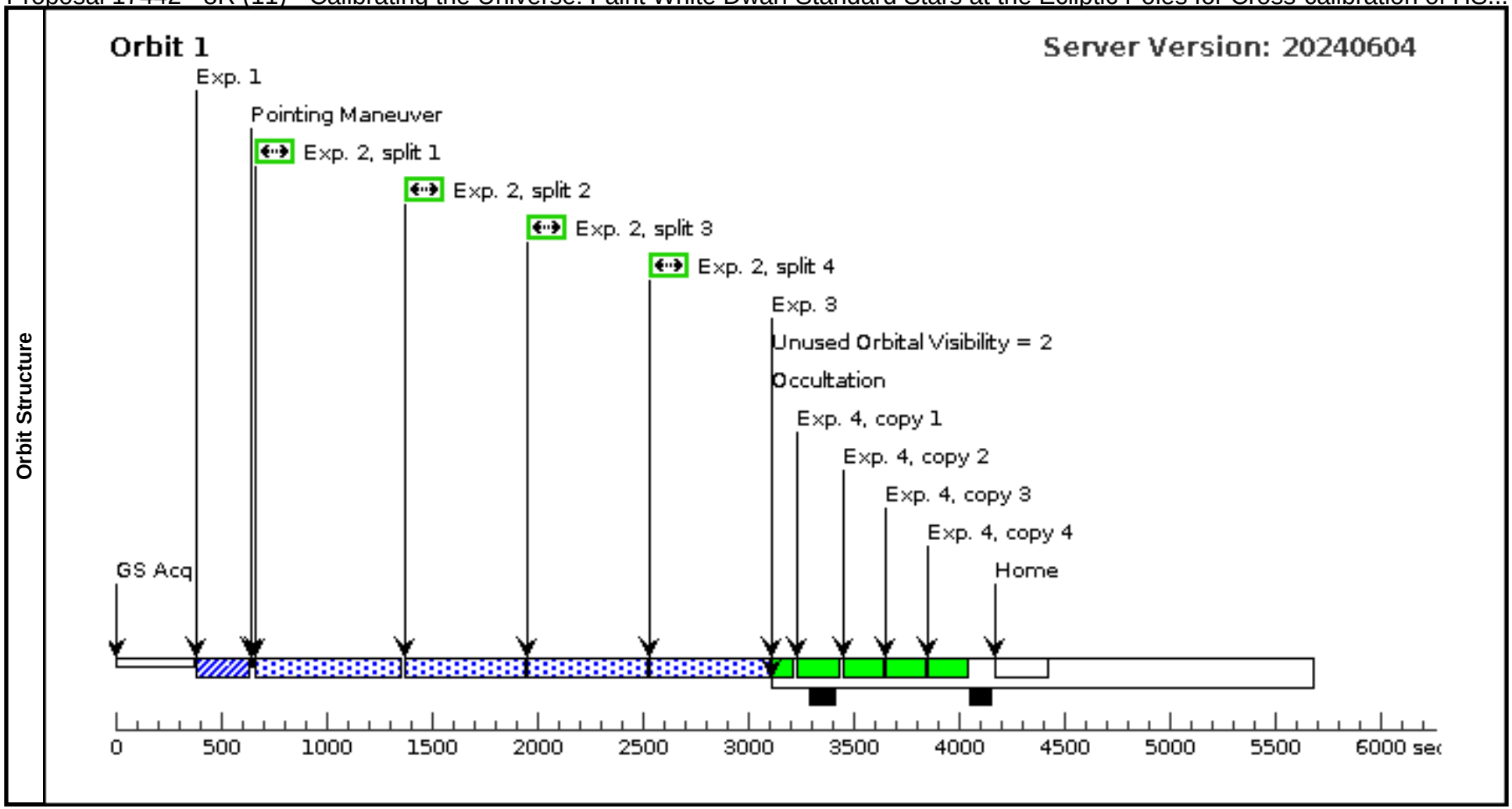
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	WDJ175318.65+644502.15	RA: 17 53 18.6470 (268.3276958d) Dec: +64 45 2.15 (64.75060d) Equinox: J2000	Proper Motion RA: -3.40 mas/yr Proper Motion Dec: 9.460 mas/yr Epoch of Position: 2000	V=(?) 17.3966Rpmg	Reference Frame: ICRS

Comments:
Category=STAR
Description=[WDO]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1 ACQ (STIS.ta.1890893)	(4) WDJ175318.65+644502.15	STIS/CCD, ACQ, F28X50LP	MIRROR				6 Secs (6 Secs) *[==>]*	*[1]*
2	2 G750L (STIS.sp.1890955)	(4) WDJ175318.65+644502.15	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=4; GAIN=1; WAVECAL=NO			2144 Secs (2144 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]*	*[1]*
3	3 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	*[1]*
4	4 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: 20240604
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 = 2
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 17442, 5Rwdj041345 (12), completed Tue Oct 29 19:00:50 GMT 2024

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD

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

Comments: Repeat of 3rd orbit per HOPR 92872

Diagnostics

(5Rwdj041345 (12)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	WDJ041345.06-473726.29	RA: 04 13 45.0640 (63.4377667d) Dec: -47 37 26.29 (-47.62397d) Equinox: J2000	Proper Motion RA: 44.34 mas/yr Proper Motion Dec: 41.95 mas/yr Epoch of Position: 2000	V=(?) 16.647Rpmag	Reference Frame: ICRS

Comments:
Category=STAR
Description=[WDO]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	1 ACQ (STIS.ta.1890889)	(2) WDJ041345.06-473726.29	STIS/CCD, ACQ, F28X50LP	MIRROR				3 Secs (3 Secs) *[==>]*	*[1]*
2	2 G750L (STIS.sp.1890939)	(2) WDJ041345.06-473726.29	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=4; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %		2100 Secs (2100 Secs) *[==>(Split 1)]* *[==>(Split 2)]* *[==>(Split 3)]* *[==>(Split 4)]*	*[1]*
Comments: Manual fringe flat used instead of default to get higher S/N.									
3	3 G750L WAVE	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				*[==>]*	*[1]*
4	4 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