13650 - The MUSCLES Treasury Survey: Measurements of the Ultraviolet Spectral Characteristics of Low-mass Exoplanetary Systems

Cycle: 22, Proposal Category: GO

(UV Initiative, Treasury)

(Availability Mode: SUPPORTED)

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	(1) V-EPS-ERI	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	2	18-Jun-2015 21:01:00.0	yes
02	(1) V-EPS-ERI	COS/FUV COS/NUV	1	18-Jun-2015 21:01:03.0	yes
03	(1) V-EPS-ERI	COS/FUV COS/NUV	5	18-Jun-2015 21:01:06.0	yes
04	(8) HD85512	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	2	18-Jun-2015 21:01:10.0	yes
05	(8) HD85512	COS/FUV COS/NUV	1	18-Jun-2015 21:01:13.0	yes
06	(8) HD85512	COS/FUV COS/NUV	5	18-Jun-2015 21:01:15.0	yes
07	(15) HD40307	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	2	18-Jun-2015 21:01:19.0	yes
08	(15) HD40307	COS/FUV COS/NUV	1	18-Jun-2015 21:01:21.0	yes
09	(15) HD40307	COS/FUV COS/NUV	5	18-Jun-2015 21:01:26.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
10	(10) HD97658	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	2	18-Jun-2015 21:01:30.0	yes
11	(10) HD97658	COS/FUV COS/NUV	2	18-Jun-2015 21:01:32.0	yes
12	(10) HD97658	COS/FUV COS/NUV	5	18-Jun-2015 21:01:35.0	yes
13	(2) GJ876	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	2	18-Jun-2015 21:01:37.0	yes
14	(2) GJ876	COS/FUV COS/NUV	3	18-Jun-2015 21:01:39.0	yes
38	(2) GJ876	COS/FUV COS/NUV	3	18-Jun-2015 21:01:41.0	yes
15	(2) GJ876	COS/FUV COS/NUV	5	18-Jun-2015 21:01:43.0	yes
39	(2) GJ876	COS/FUV COS/NUV	5	18-Jun-2015 21:01:46.0	yes
16	(3) GJ832	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	2	18-Jun-2015 21:01:48.0	yes
17	(3) GJ832	COS/FUV COS/NUV	3	18-Jun-2015 21:01:50.0	yes
18	(3) GJ832	COS/FUV COS/NUV	5	18-Jun-2015 21:01:53.0	yes
19	(4) GJ581	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	18-Jun-2015 21:01:56.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
20	(4) GJ581	COS/FUV COS/NUV	3	18-Jun-2015 21:01:58.0	yes
21	(4) GJ581	COS/FUV COS/NUV	5	18-Jun-2015 21:02:01.0	yes
22	(5) GJ667C	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	3	18-Jun-2015 21:02:04.0	yes
23	(5) GJ667C	COS/FUV COS/NUV	3	18-Jun-2015 21:02:07.0	yes
24	(5) GJ667C	COS/FUV COS/NUV	5	18-Jun-2015 21:02:09.0	yes
25	(6) GJ176	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	5	18-Jun-2015 21:02:13.0	yes
26	(6) GJ176	COS/FUV COS/NUV	4	18-Jun-2015 21:02:16.0	yes
27	(6) GJ176	COS/FUV COS/NUV	5	18-Jun-2015 21:02:18.0	yes
28	(7) GJ436	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	4	18-Jun-2015 21:02:22.0	yes
29	(7) GJ436	COS/FUV COS/NUV	4	18-Jun-2015 21:02:24.0	yes
30	(7) GJ436	COS/FUV COS/NUV	5	18-Jun-2015 21:02:27.0	yes
31	(9) GJ1214	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	6	18-Jun-2015 21:02:32.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
32	(9) GJ1214	COS/FUV COS/NUV	4	18-Jun-2015 21:02:36.0	yes
33	(9) GJ1214	COS/FUV COS/NUV	5	18-Jun-2015 21:02:38.0	yes
34	(11) GJ887	COS/FUV COS/NUV	2	18-Jun-2015 21:02:40.0	yes
35	(12) HD173739	COS/FUV COS/NUV	2	18-Jun-2015 21:02:41.0	yes
36	(14) GJ628	COS/FUV COS/NUV	2	18-Jun-2015 21:02:42.0	yes
37	(13) GJ1061	COS/FUV COS/NUV	2	18-Jun-2015 21:02:44.0	yes

133 Total Orbits Used

ABSTRACT

It has recently been discovered that 10 - 50% of M dwarfs host Earth-size planets in their habitable zones. Furthermore, the nearest potentially habitable super-Earths orbit M dwarfs, meaning that these systems likely represent our best chance to discover habitable worlds in the coming decade. The ultraviolet (UV) spectrum incident upon Earth-like planets drives the dissociation of water and CO2, the production of O2 and ozone, and may determine their ultimate habitability. At present, we lack the observational and theoretical basis to predict the energetic radiation spectrum (X-ray through UV) of an M dwarf. UV variability of low-mass exoplanet host stars, in particular the possibly sterilizing effect of flare activity, is almost completely unexplored observationally. This proposal aims to acquire the critical UV observations of low-mass host stars now, providing a treasury database for studies of exemplary nearby exoplanetary systems and potentially habitable worlds not yet discovered. Building on our successful pilot program of spectrally and temporally resolved UV radiation fields, we propose the MUSCLES Treasury Survey: a UV survey of nearby low-mass exoplanetary host stars. Using HST-COS and STIS, we will observe the 1150 - 5700A fluxes, reconstruct the important Ly-alpha emission lines, and use these data to estimate the extreme-UV (200 - 912A) irradiances incident upon exoplanetary atmospheres. The UV data will be complemented with contemporaneous X-ray and ground-based observations as well as new M dwarf atmosphere models to constrain atmospheric heating rates and provide a baseline for long-term ground-based studies of these systems.

Visit

Proposal 13650, epsEri-STIS (01), completed Fri Jun 19 01:02:47 GMT 2015

Diagnostic Status: Warning

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

Special Requirements: SCHED 100%; BETWEEN 03-MAY-2013:00:00:00 AND 03-NOV-2015:00:00:00

Diagnostics

(epsEri-STIS (01)) Warning (Orbit Planner): STIS EXPOSURE TIME ROUNDED DOWN TO NEAREST 0.1 SECONDS

Fixed Targets

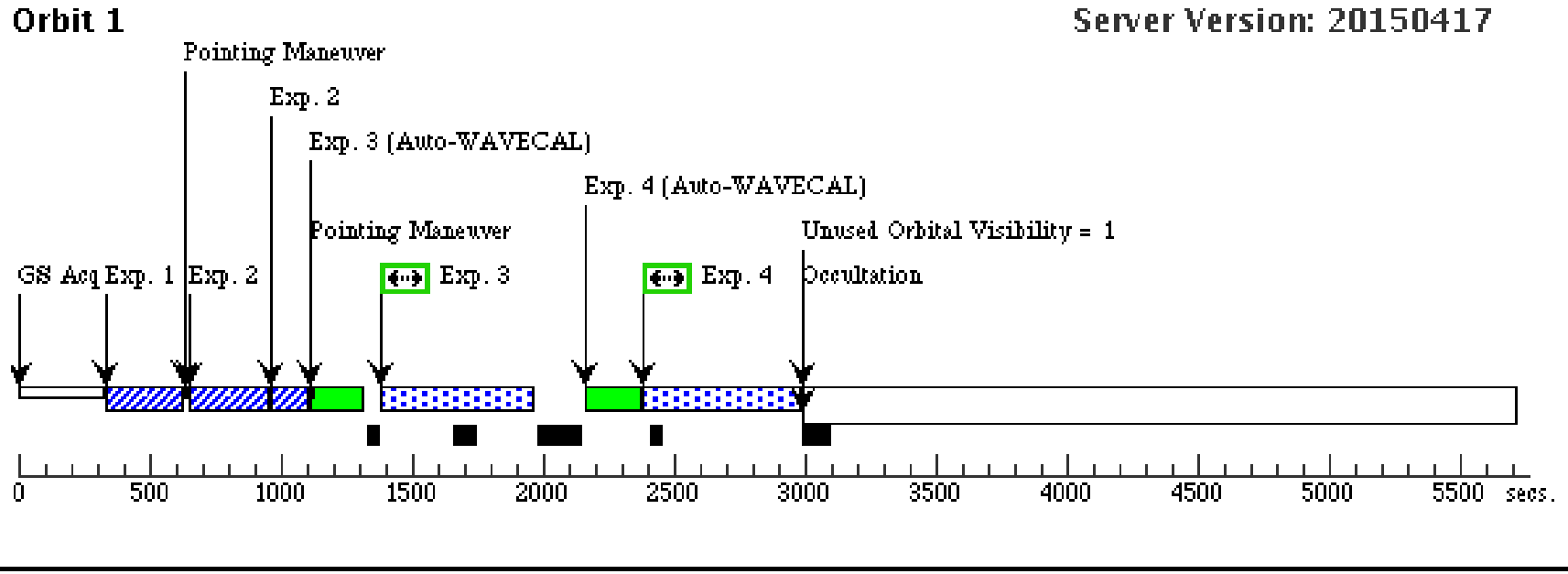
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	V-EPS-ERI	RA: 03 32 55.8450 (53.2326875d) Dec: -09 27 29.73 (-9.45826d) Equinox: J2000	Proper Motion RA: -975.17 mas/yr Proper Motion Dec: 19.49 mas/yr Parallax: 0.31094" Epoch of Position: 2000 Radial Velocity: 16.43 km/sec	V=3.73	Reference Frame: ICRS

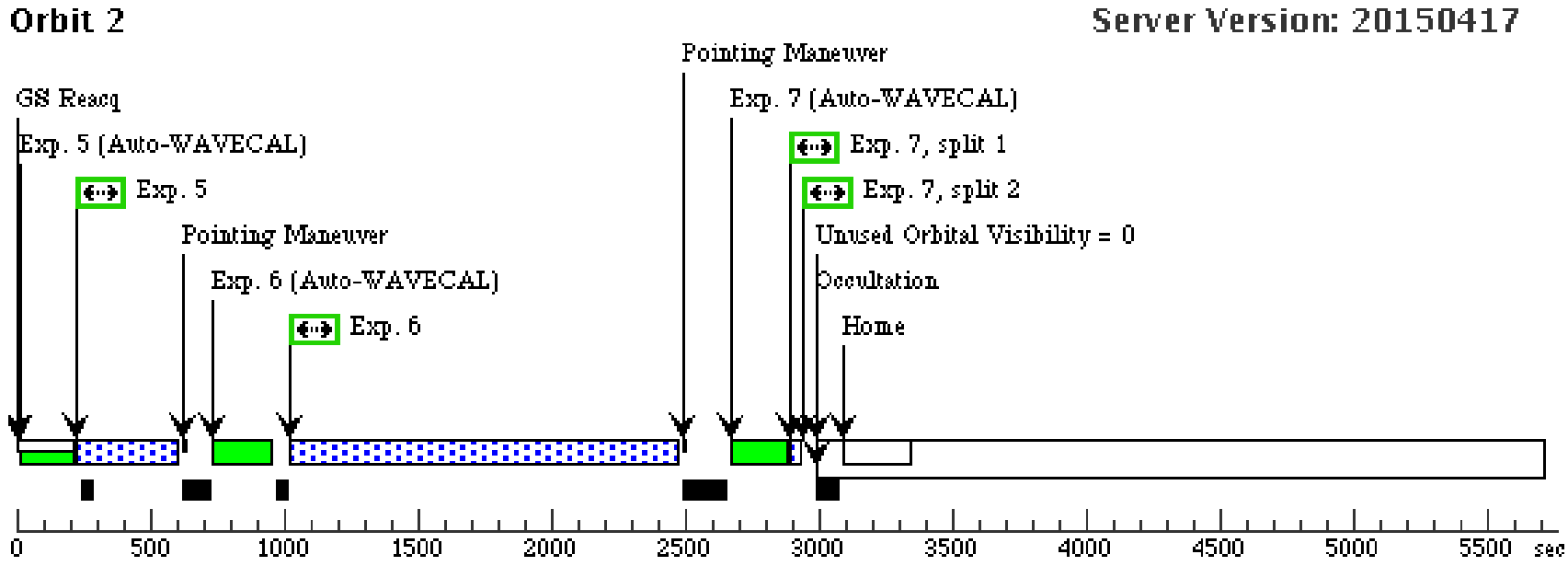
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.ta.617274)	(1) V-EPS-ERI	STIS/CCD, ACQ, F25ND5	MIRROR				0.34 Secs (0.34 Secs) *[==>]*	 ***[1]***
2	(STIS.ta.617277)	(1) V-EPS-ERI	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	 ***[1]***
3	(STIS.sp.615829)	(1) V-EPS-ERI	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=2800			569 Secs (569 Secs) *[==>]*	 ***[1]***
4	(STIS.sp.615828)	(1) V-EPS-ERI	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2513 A				580 Secs (580 Secs) *[==>]*	 ***[1]***
5	(STIS.sp.615827)	(1) V-EPS-ERI	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2762 A				369 Secs (369 Secs) *[==>]*	 ***[2]***
6	(STIS.sp.615816)	(1) V-EPS-ERI	STIS/FUV-MAMA, TIME-TAG, 0.2X0.06	E140M 1425 A	BUFFER-TIME=1400			1435 Secs (1435 Secs) *[==>]*	 ***[2]***
7	(STIS.sp.615825)	(1) V-EPS-ERI	STIS/CCD, ACCUM, 52X0.1	G430M 3936 A				5 Secs (5 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	 ***[2]***

Orbit Structure





Visit

Proposal 13650, epsEri-COS160 (02), completed Fri Jun 19 01:02:48 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 01 BY 0 D TO 1 D

Diagnostics

(epsEri-COS160 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(epsEri-COS160 (02)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

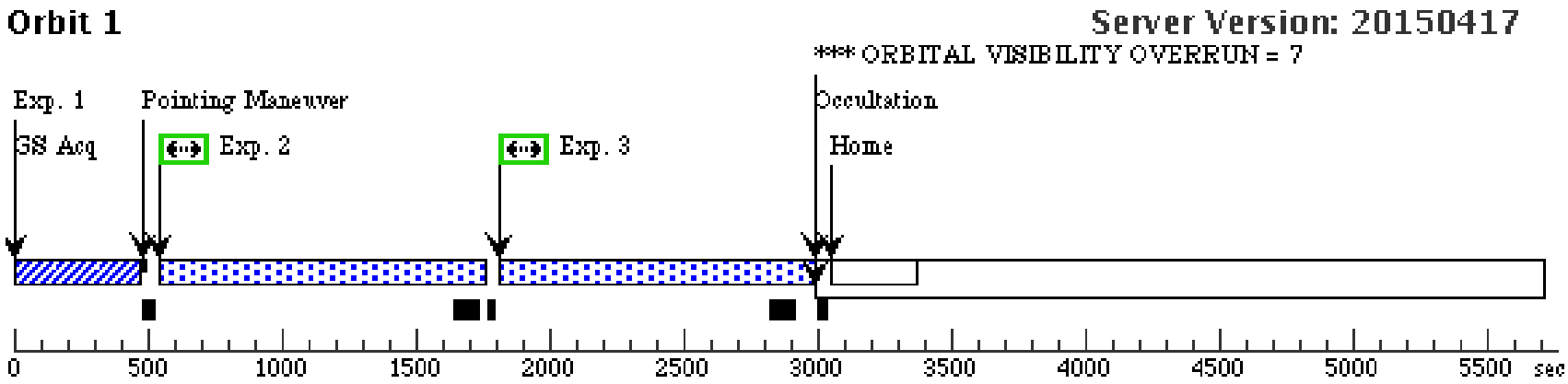
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	V-EPS-ERI	RA: 03 32 55.8450 (53.2326875d) Dec: -09 27 29.73 (-9.45826d) Equinox: J2000	Proper Motion RA: -975.17 mas/yr Proper Motion Dec: 19.49 mas/yr Parallax: 0.31094" Epoch of Position: 2000 Radial Velocity: 16.43 km/sec	V=3.73	Reference Frame: ICRS

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

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.615844)	(1) V-EPS-ERI	COS/NUV, ACQ/IMAGE, BOA	MIRRORB				20 Secs (20 Secs) *[==>]*	*[1]*
2	(COS.sp.615833)	(1) V-EPS-ERI	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=900; FP-POS=1			1000 Secs (1000 Secs) *[==>]*	*[1]*
3	(COS.sp.615833)	(1) V-EPS-ERI	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=900; FP-POS=3			1045 Secs (1045 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 13650, epsEri-COS130 (03), completed Fri Jun 19 01:02:48 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 02 BY 0 D TO 1 D

Diagnostics

(epsEri-COS130 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(epsEri-COS130 (03)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

(epsEri-COS130 (03)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

Fixed Targets

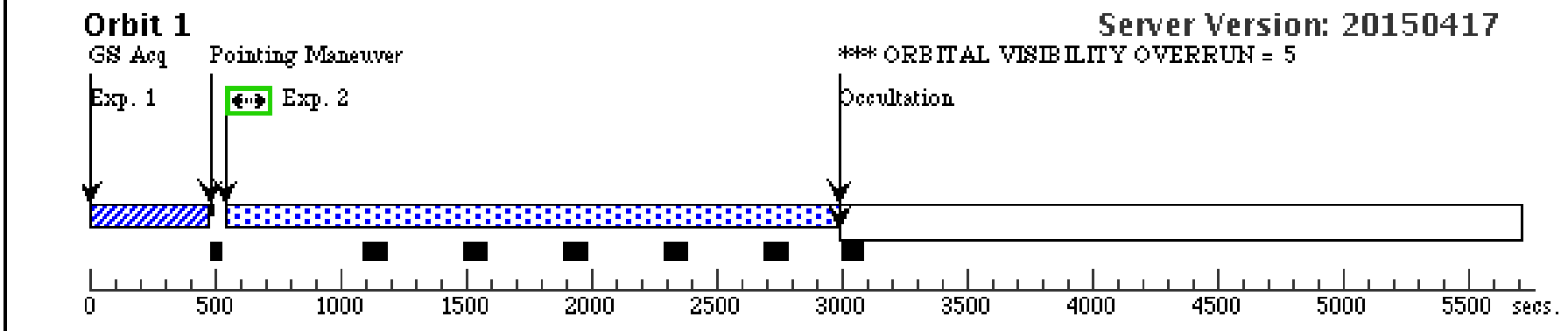
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	V-EPS-ERI	RA: 03 32 55.8450 (53.2326875d) Dec: -09 27 29.73 (-9.45826d) Equinox: J2000	Proper Motion RA: -975.17 mas/yr Proper Motion Dec: 19.49 mas/yr Parallax: 0.31094" Epoch of Position: 2000 Radial Velocity: 16.43 km/sec	V=3.73	Reference Frame: ICRS

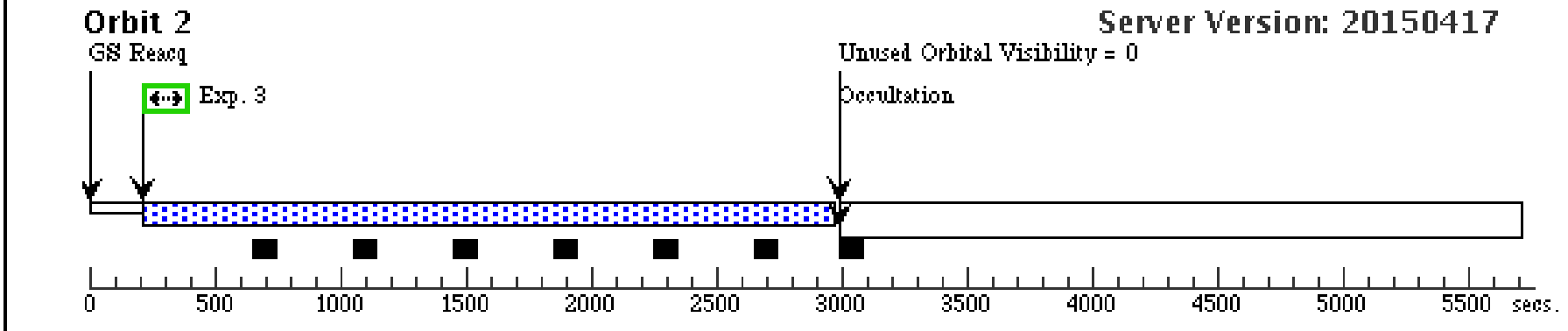
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

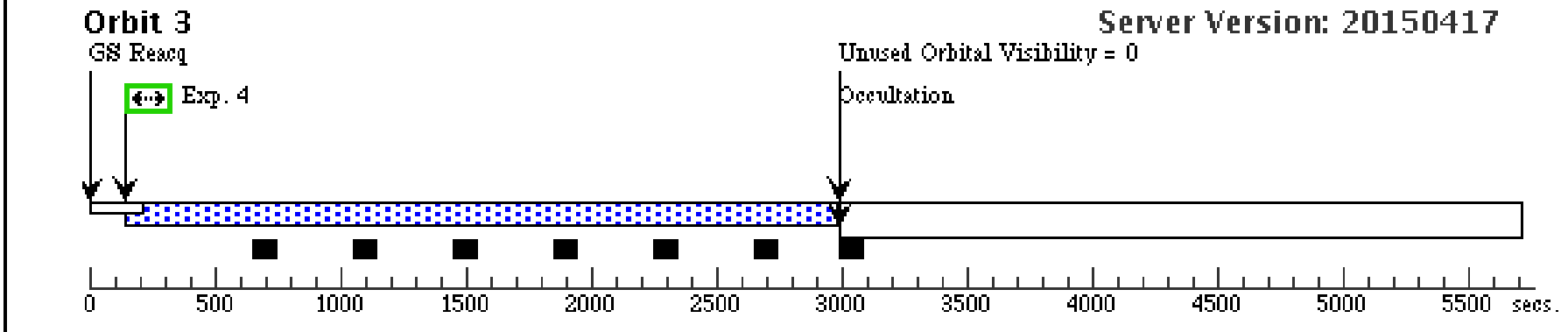
Exposures

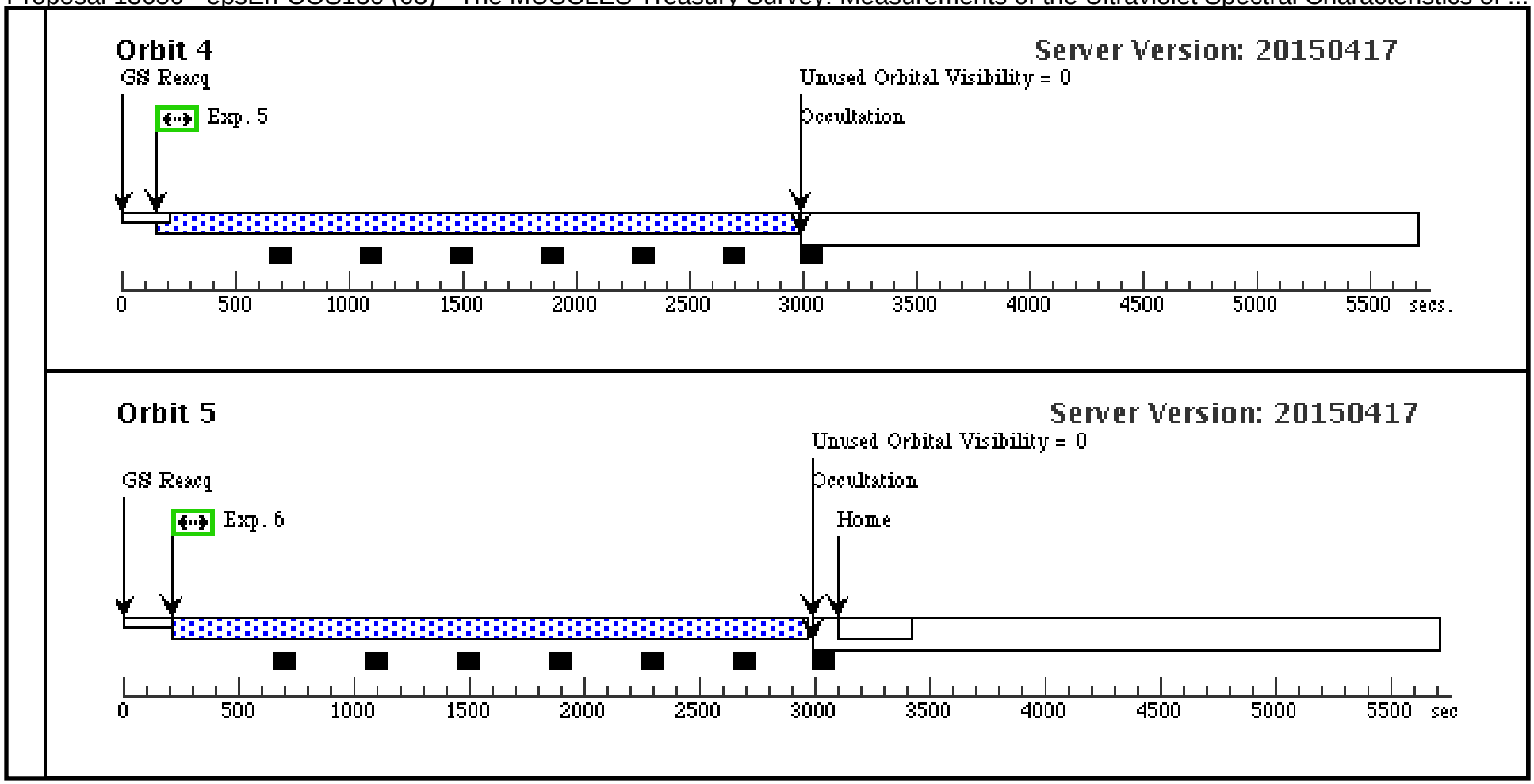
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.615844)	(1) V-EPS-ERI	COS/NUV, ACQ/IMAGE, BOA	MIRRORB				20 Secs (20 Secs) *[==>]*	***[1]***
2	(COS.sp.615832)	(1) V-EPS-ERI	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=400; FP-POS=3; SEGMENT=A			2275 Secs (2275 Secs) *[==>]*	***[1]***
3	(COS.sp.615832)	(1) V-EPS-ERI	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=400; FP-POS=4; SEGMENT=A			2712 Secs (2712 Secs) *[==>]*	***[2]***
4	(COS.sp.615832)	(1) V-EPS-ERI	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=400; FP-POS=2; SEGMENT=A			2712 Secs (2712 Secs) *[==>]*	***[3]***
5	(COS.sp.615832)	(1) V-EPS-ERI	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=400; FP-POS=1; SEGMENT=A			2712 Secs (2712 Secs) *[==>]*	***[4]***
6	(COS.sp.615832)	(1) V-EPS-ERI	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=400; FP-POS=4; SEGMENT=A			2712 Secs (2712 Secs) *[==>]*	***[5]***

Orbit Structure





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4500
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secs.
Orbit 5
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GS Reacq
Exp. 6
Occultation
Home
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1500
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2500
3000
3500
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4500
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sec

Visit

Proposal 13650, HD85512-STIS (04), completed Fri Jun 19 01:02:48 GMT 2015

Diagnostic Status: No Diagnostics

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

Special Requirements: SCHED 100%; BETWEEN 28-JUL-2014:00:00:00 AND 27-APR-2015:00:00:00

Fixed Targets

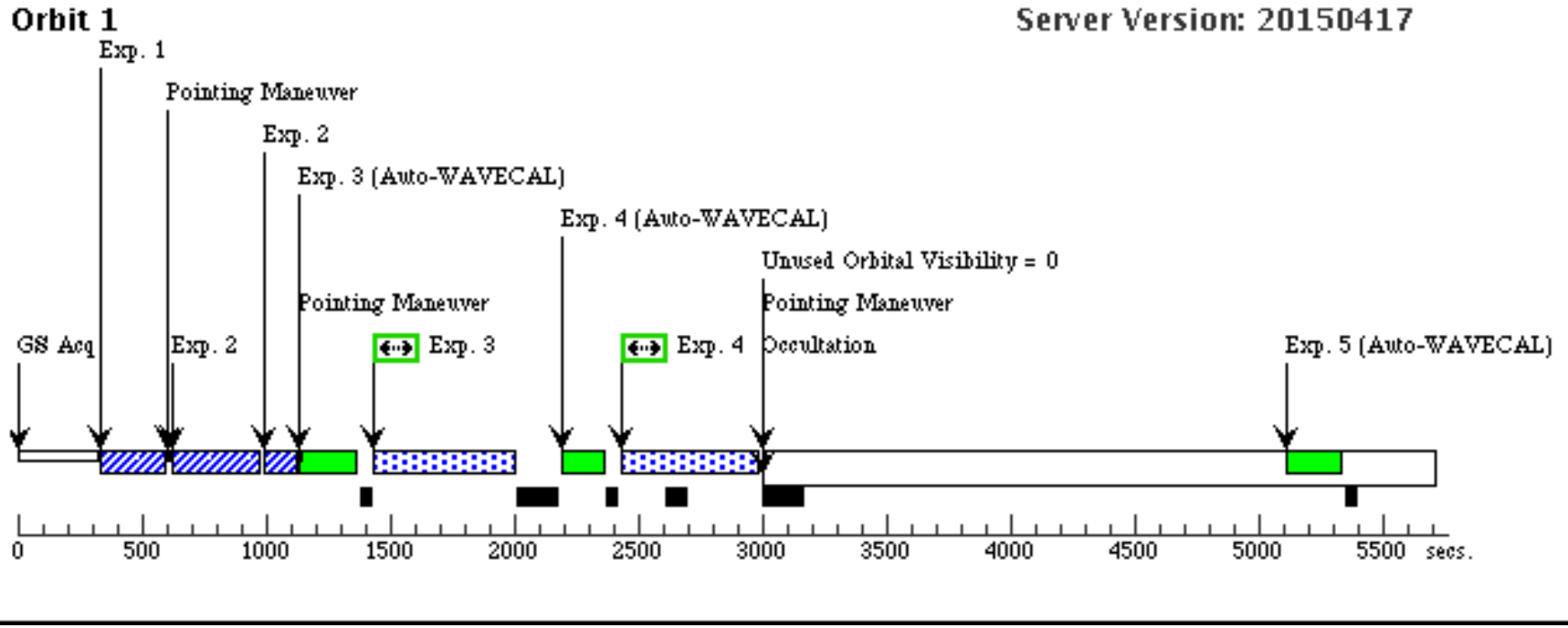
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	HD85512	RA: 09 51 7.0520 (147.7793833d) Dec: -43 30 10.03 (-43.50279d) Equinox: J2000	Proper Motion RA: 461.92 mas/yr Proper Motion Dec: -471.92 mas/yr Parallax: 0.08962" Epoch of Position: 2000 Radial Velocity: -10.30 km/sec	V=7.651 (LHS-2201)	Reference Frame: ICRS

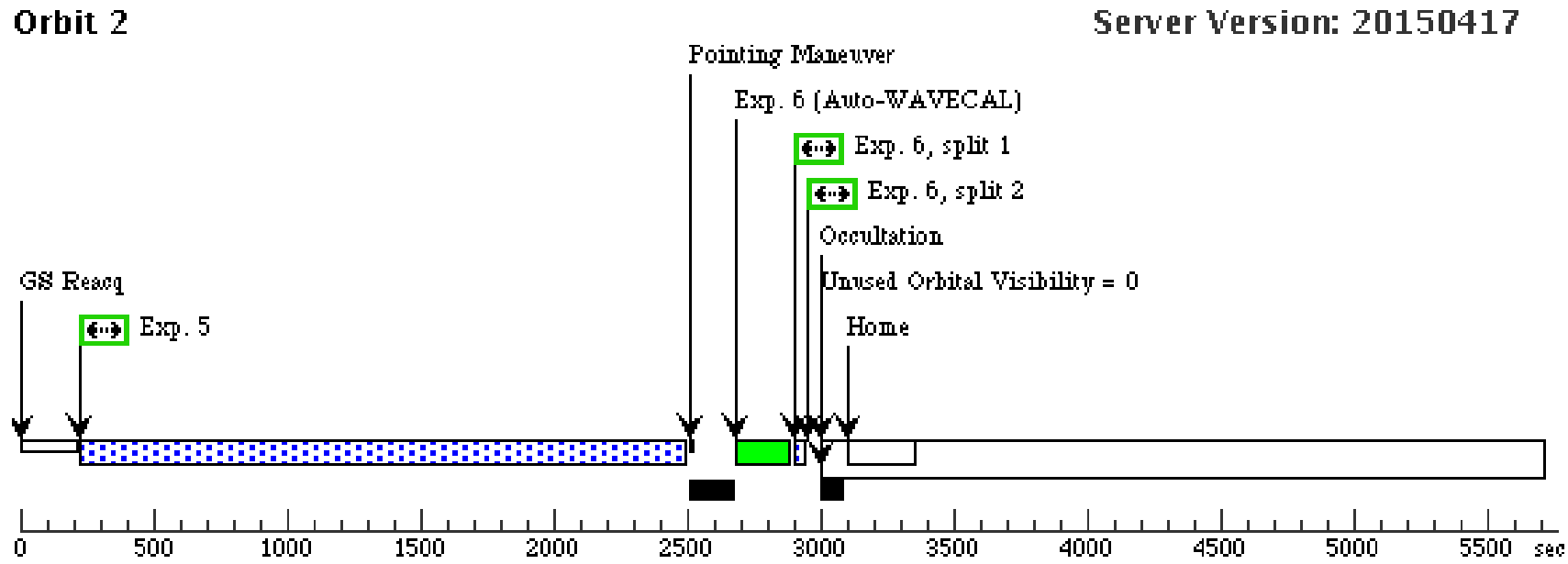
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.ta.615852)	(8) HD85512	STIS/CCD, ACQ, F28X50OII	MIRROR				0.5 Secs (0.5 Secs) *[==>]*	 ***[1]***
2	(STIS.ta.615854)	(8) HD85512	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				0.1 Secs (0.1 Secs) *[==>]*	 ***[1]***
3	(STIS.sp.615865)	(8) HD85512	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=300			550 Secs (550 Secs) *[==>]*	 ***[1]***
4	(STIS.sp.615866)	(8) HD85512	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=180			538 Secs (538 Secs) *[==>]*	 ***[1]***
5	(STIS.sp.615868)	(8) HD85512	STIS/FUV-MAMA, TIME-TAG, 0.2X0.06	E140M 1425 A	BUFFER-TIME=1800			2258 Secs (2258 Secs) *[==>]*	 ***[2]***
6	(STIS.sp.615876)	(8) HD85512	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				5 Secs (5 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	 ***[2]***

Orbit Structure





Visit

Proposal 13650, HD85512-COS160 (05), completed Fri Jun 19 01:02:49 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 04 BY 0 D TO 1 D

Diagnostics

(HD85512-COS160 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(HD85512-COS160 (05)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

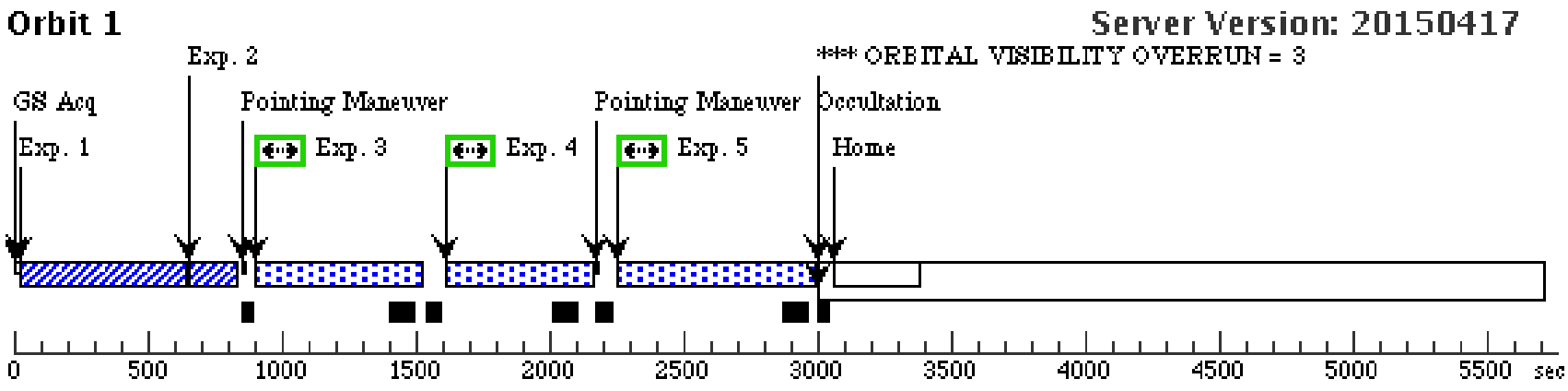
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	HD85512	RA: 09 51 7.0520 (147.7793833d) Dec: -43 30 10.03 (-43.50279d) Equinox: J2000	Proper Motion RA: 461.92 mas/yr Proper Motion Dec: -471.92 mas/yr Parallax: 0.08962" Epoch of Position: 2000 Radial Velocity: -10.30 km/sec	V=7.651 (LHS-2201)	Reference Frame: ICRS

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

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.615857)	(8) HD85512	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	SCAN-SIZE=2			40 Secs (40 Secs) *[==>]*	 ***[1]***
2	(COS.ta.615857)	(8) HD85512	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40 Secs (40 Secs) *[==>]*	 ***[1]***
3	(COS.sp.615860)	(8) HD85512	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2900; FP-POS=1			400 Secs (400 Secs) *[==>]*	 ***[1]***
4	(COS.sp.615860)	(8) HD85512	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2900; FP-POS=3			419 Secs (419 Secs) *[==>]*	 ***[1]***
5	(COS.sp.615862)	(8) HD85512	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=348; FP-POS=3			458 Secs (458 Secs) *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 13650, HD85512-COS130 (06), completed Fri Jun 19 01:02:49 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 05 BY 0 D TO 1 D

Diagnostics

(HD85512-COS130 (06)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(HD85512-COS130 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(HD85512-COS130 (06)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

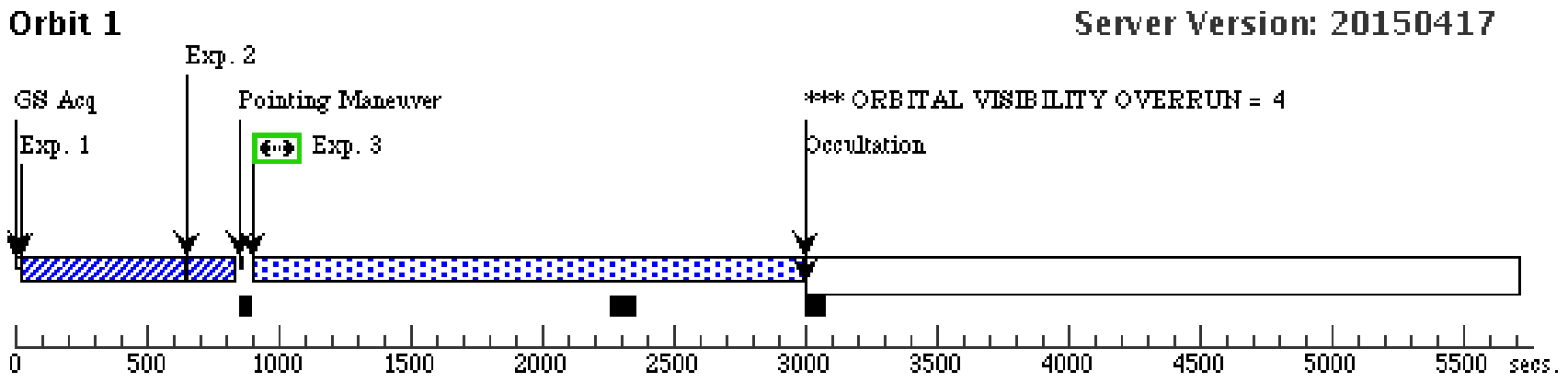
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	HD85512	RA: 09 51 7.0520 (147.7793833d) Dec: -43 30 10.03 (-43.50279d) Equinox: J2000	Proper Motion RA: 461.92 mas/yr Proper Motion Dec: -471.92 mas/yr Parallax: 0.08962" Epoch of Position: 2000 Radial Velocity: -10.30 km/sec	V=7.651 (LHS-2201)	Reference Frame: ICRS

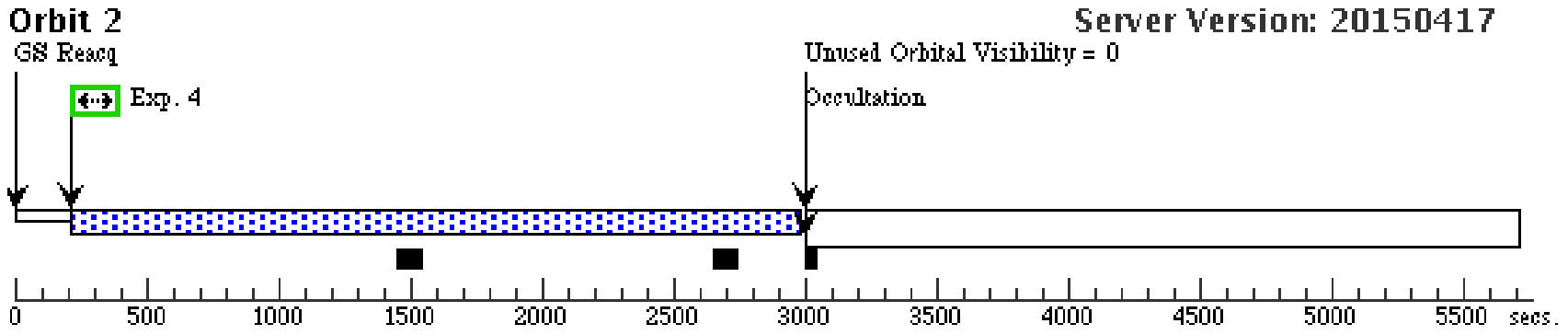
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

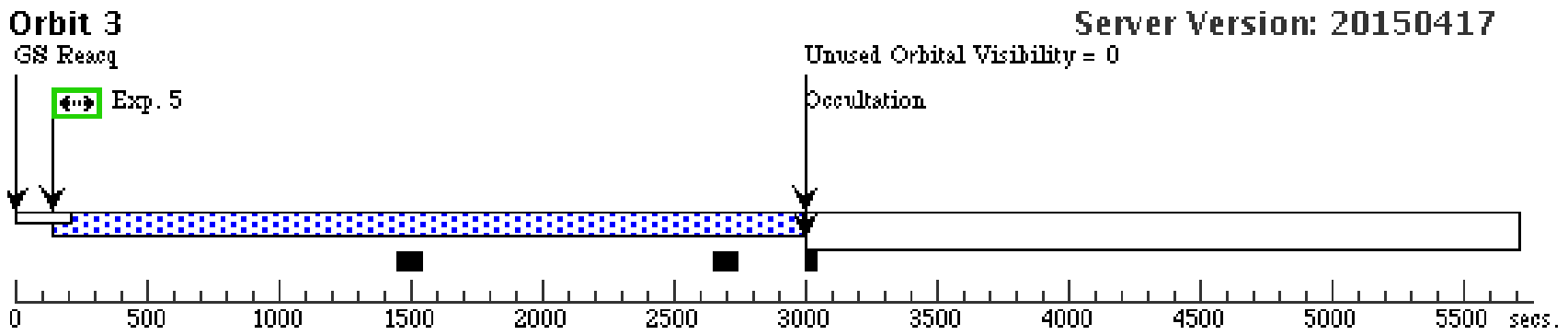
Exposures

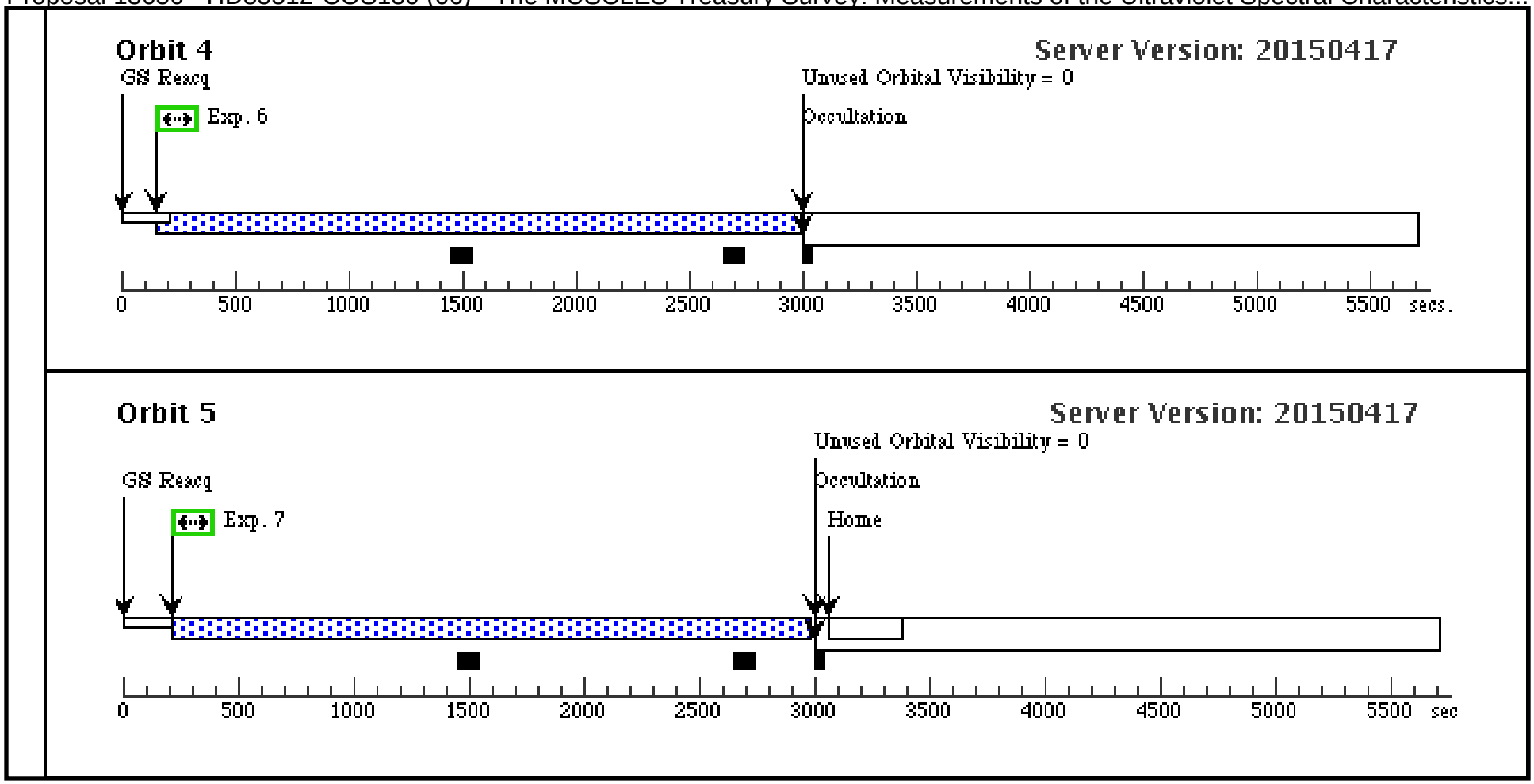
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.615857)	(8) HD85512	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	SCAN-SIZE=2			40 Secs (40 Secs) *[==>]*	*[1]*
2	(COS.ta.615857)	(8) HD85512	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				40 Secs (40 Secs) *[==>]*	*[1]*
3	(COS.sp.615859)	(8) HD85512	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1200; FP-POS=3			1913 Secs (1913 Secs) *[==>]*	*[1]*
4	(COS.sp.615859)	(8) HD85512	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1200; FP-POS=4			2718 Secs (2718 Secs) *[==>]*	*[2]*
5	(COS.sp.615859)	(8) HD85512	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1200; FP-POS=2			2718 Secs (2718 Secs) *[==>]*	*[3]*
6	(COS.sp.615859)	(8) HD85512	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1200; FP-POS=1			2718 Secs (2718 Secs) *[==>]*	*[4]*
7	(COS.sp.615859)	(8) HD85512	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1200; FP-POS=4			2718 Secs (2718 Secs) *[==>]*	*[5]*

Orbit Structure








Orbit 4
Server Version: 20150417
GS Reacq
Exp. 6
Unused Orbital Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 5
Server Version: 20150417
Unused Orbital Visibility = 0
GS Reacq
Occultation
Exp. 7
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, HD40307-STIS (07), completed Fri Jun 19 01:02:49 GMT 2015

Diagnostic Status: Warning

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

Special Requirements: SCHED 100%

Diagnostics

(HD40307-STIS (07)) Warning (Orbit Planner): STIS EXPOSURE TIME ROUNDED DOWN TO NEAREST 0.1 SECONDS

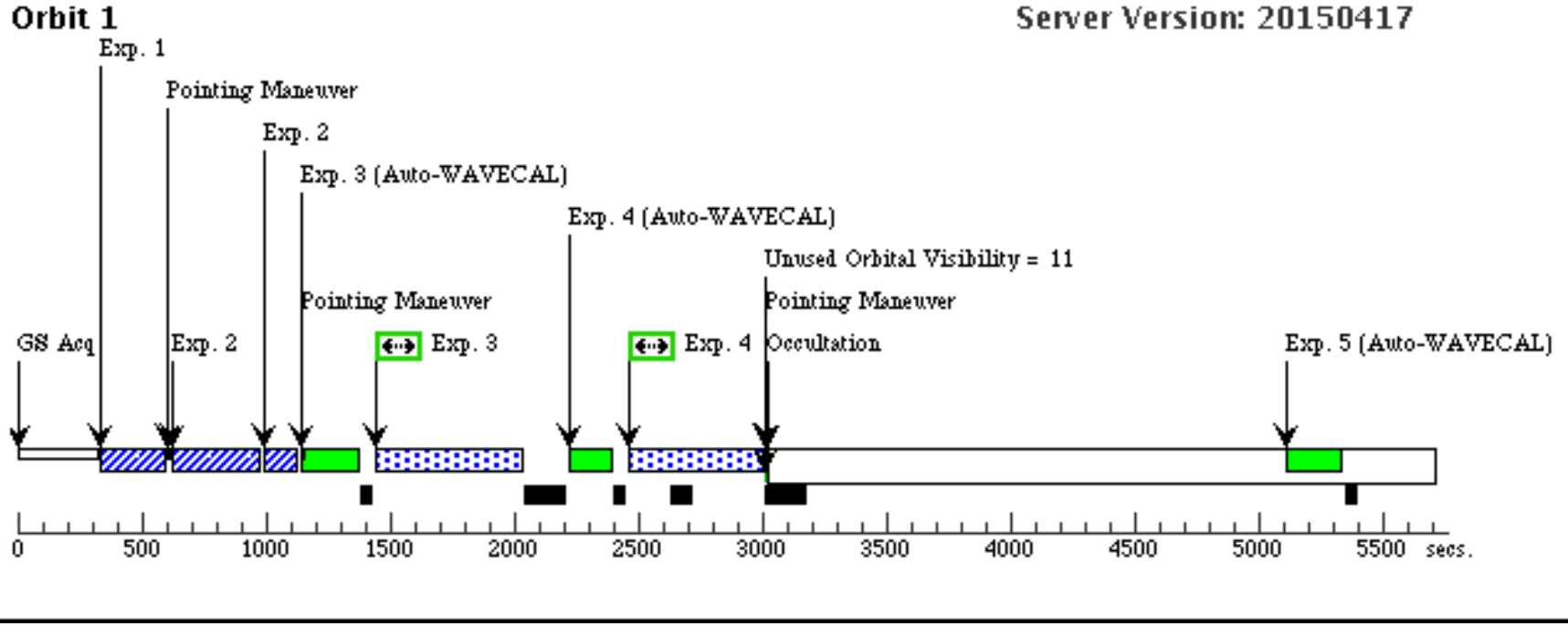
Fixed Targets

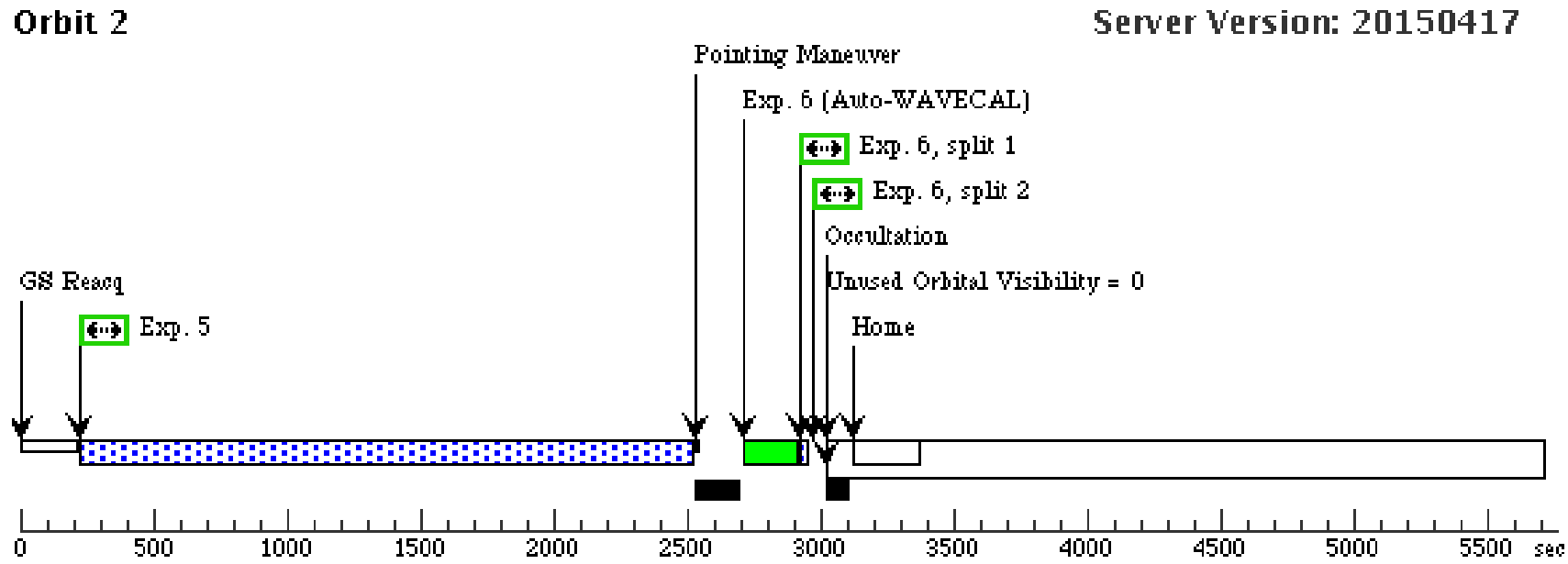
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	HD40307	RA: 05 54 4.2399 (88.5176662d) Dec: -60 01 24.50 (-60.02347d) Equinox: J2000	Proper Motion RA: -52.65 mas/yr Proper Motion Dec: -60.46 mas/yr Parallax: 0.07695" Epoch of Position: 2000 Radial Velocity: 31.33 km/sec	V=7.147+/-0.1	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.ta.615852)	(15) HD40307	STIS/CCD, ACQ, F28X50OII	MIRROR				0.75 Secs (0.75 Secs) *[==>]*	 ***[1]***
2	(STIS.ta.617634)	(15) HD40307	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				0.2 Secs (0.2 Secs) *[==>]*	 ***[1]***
3	(STIS.sp.615865)	(15) HD40307	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=300			571 Secs (571 Secs) *[==>]*	 ***[1]***
4	(STIS.sp.615866)	(15) HD40307	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=180			527 Secs (527 Secs) *[==>]*	 ***[1]***
5	(STIS.sp.615868)	(15) HD40307	STIS/FUV-MAMA, TIME-TAG, 0.2X0.06	E140M 1425 A	BUFFER-TIME=1800			2284 Secs (2284 Secs) *[==>]*	 ***[2]***
6	(STIS.sp.617696)	(15) HD40307	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				3 Secs (3 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	 ***[2]***

Orbit Structure





Visit

Proposal 13650, HD40307COS160 (08), completed Fri Jun 19 01:02:49 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 07 BY 0 D TO 1 D

Diagnostics

(HD40307COS160 (08)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

(HD40307COS160 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

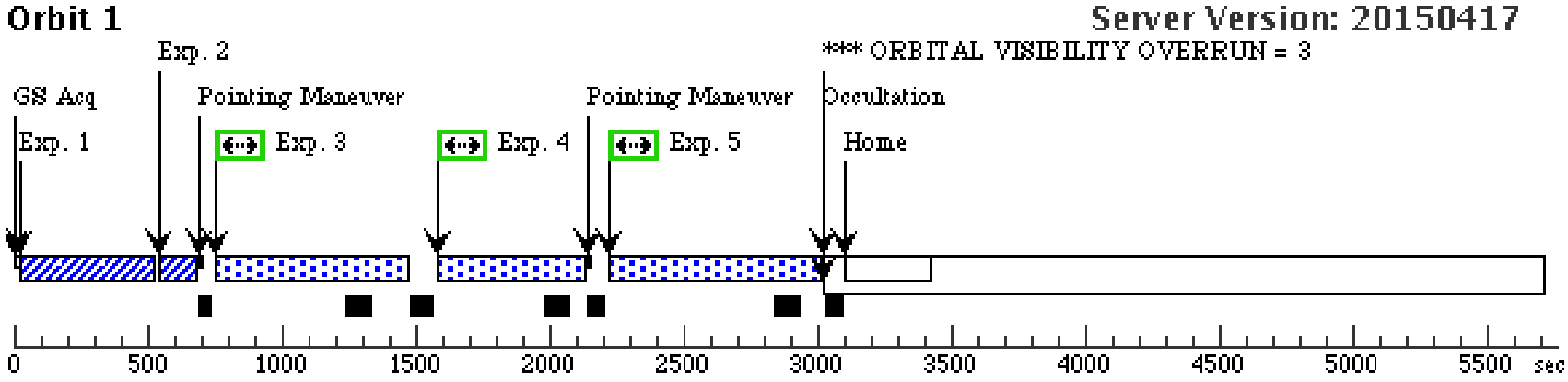
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	HD40307	RA: 05 54 4.2399 (88.5176662d) Dec: -60 01 24.50 (-60.02347d) Equinox: J2000	Proper Motion RA: -52.65 mas/yr Proper Motion Dec: -60.46 mas/yr Parallax: 0.07695" Epoch of Position: 2000 Radial Velocity: 31.33 km/sec	V=7.147+/-0.1	Reference Frame: ICRS

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617637)	(15) HD40307	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	SCAN-SIZE=2			12 Secs (12 Secs) *[==>]*	*[1]*
2	(COS.ta.617636)	(15) HD40307	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				18 Secs (18 Secs) *[==>]*	*[1]*
3	(COS.sp.615860)	(15) HD40307	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=2900; FP-POS=1			500 Secs (500 Secs) *[==>]*	*[1]*
4	(COS.sp.615860)	(15) HD40307	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2900; FP-POS=3			419 Secs (419 Secs) *[==>]*	*[1]*
5	(COS.sp.615862)	(15) HD40307	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=348; FP-POS=3			510 Secs (510 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 13650, HD40307-COS130 (09), completed Fri Jun 19 01:02:49 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 08 BY 0 D TO 1 D

Diagnostics

(HD40307-COS130 (09)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(HD40307-COS130 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(HD40307-COS130 (09)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

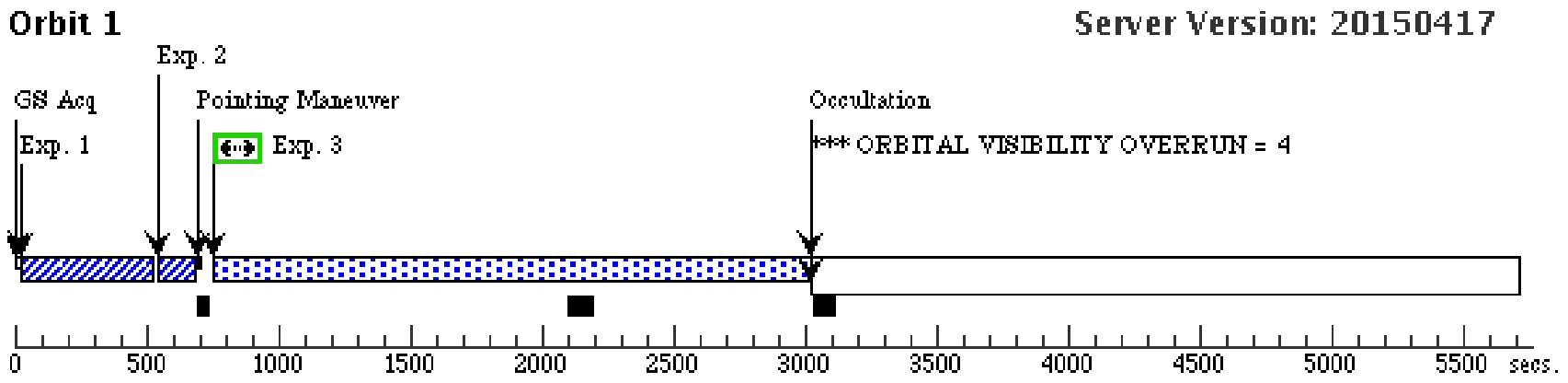
Fixed Targets

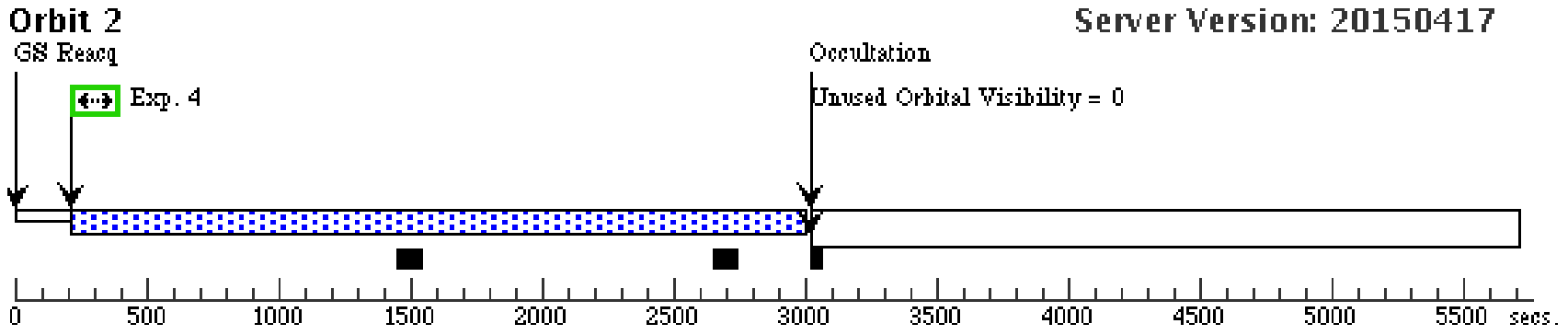
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	HD40307	RA: 05 54 4.2399 (88.5176662d) Dec: -60 01 24.50 (-60.02347d) Equinox: J2000	Proper Motion RA: -52.65 mas/yr Proper Motion Dec: -60.46 mas/yr Parallax: 0.07695" Epoch of Position: 2000 Radial Velocity: 31.33 km/sec	V=7.147+/-0.1	Reference Frame: ICRS

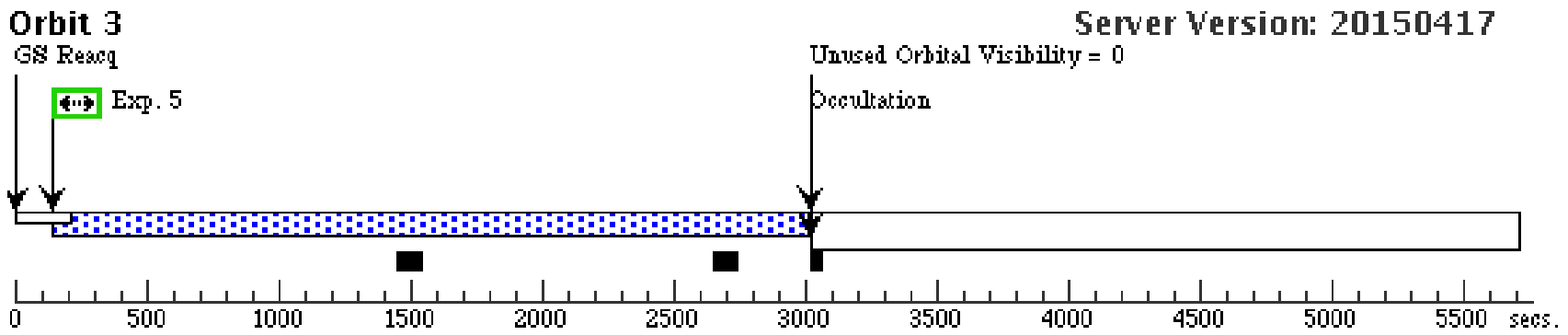
Exposures

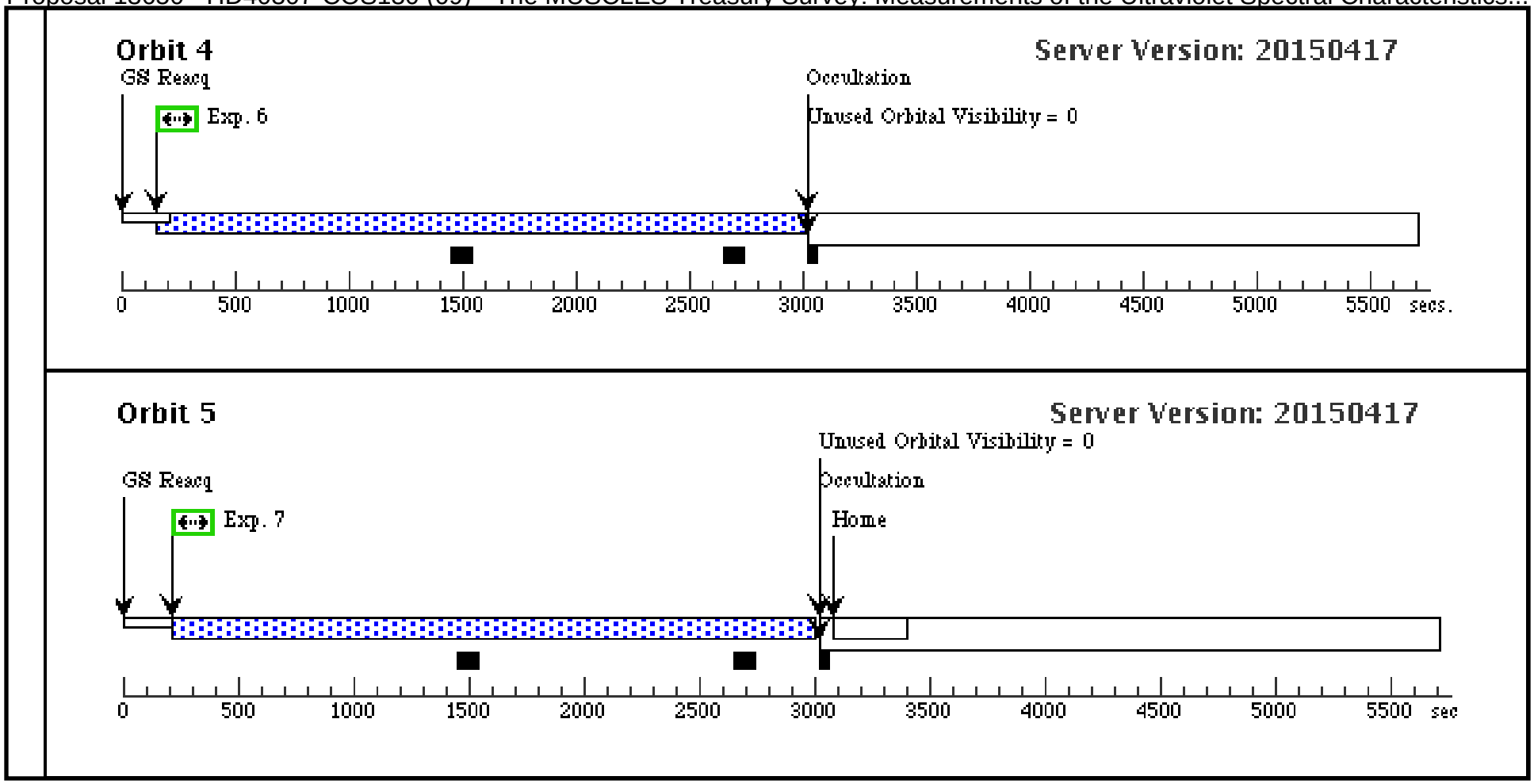
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617637)	(15) HD40307	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	SCAN-SIZE=2			12 Secs (12 Secs) *[==>]*	*[1]*
2	(COS.ta.617636)	(15) HD40307	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				18 Secs (18 Secs) *[==>]*	*[1]*
3	(COS.sp.615859)	(15) HD40307	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1200; FP-POS=3			2093 Secs (2093 Secs) *[==>]*	*[1]*
4	(COS.sp.615859)	(15) HD40307	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1200; FP-POS=4			2742 Secs (2742 Secs) *[==>]*	*[2]*
5	(COS.sp.615859)	(15) HD40307	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1200; FP-POS=2			2742 Secs (2742 Secs) *[==>]*	*[3]*
6	(COS.sp.615859)	(15) HD40307	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1200; FP-POS=1			2742 Secs (2742 Secs) *[==>]*	*[4]*
7	(COS.sp.615859)	(15) HD40307	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1200; FP-POS=4			2742 Secs (2742 Secs) *[==>]*	*[5]*

Orbit Structure








Orbit 4
Server Version: 20150417
GS Reacq
Exp. 6
Occultation
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 5
Server Version: 20150417
Unused Orbital Visibility = 0
GS Reacq
Exp. 7
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, HD97658-STIS (10), completed Fri Jun 19 01:02:50 GMT 2015

Diagnostic Status: No Diagnostics

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

Special Requirements: SCHED 100%; BETWEEN 28-JUL-2014:00:00:00 AND 28-MAR-2015:00:00:00

Fixed Targets

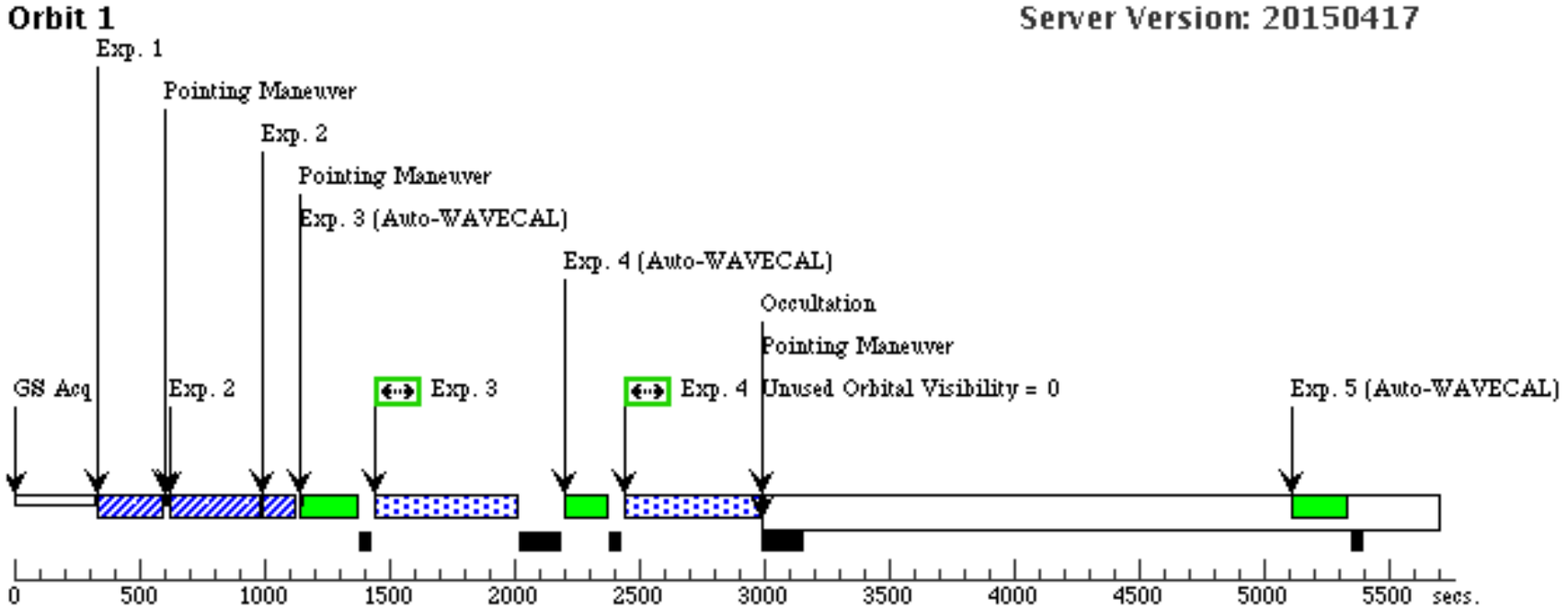
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	HD97658	RA: 11 14 33.1619 (168.6381746d) Dec: +25 42 37.39 (25.71039d) Equinox: J2000	Proper Motion RA: -106.48 mas/yr Proper Motion Dec: 48.82 mas/yr Parallax: 0.04736" Epoch of Position: 2000 Radial Velocity: -1.89 km/sec	V=7.714	Reference Frame: ICRS

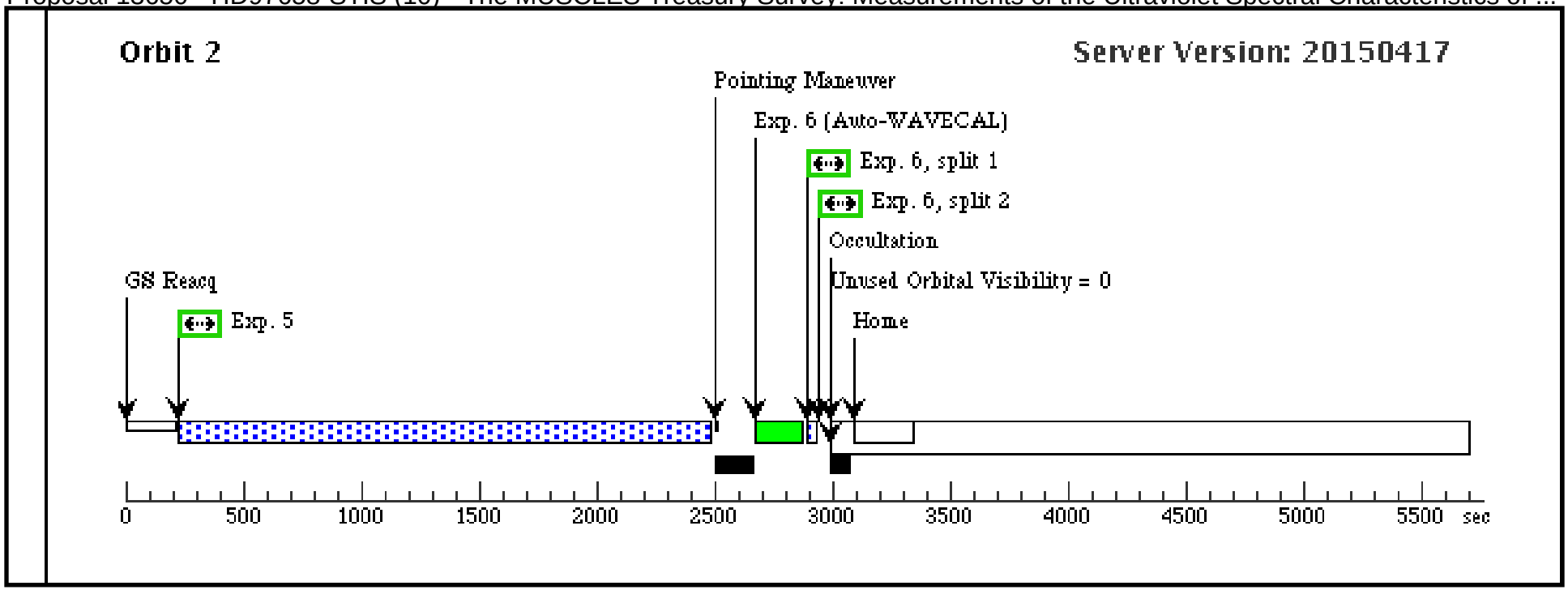
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.ta.617638)	(10) HD97658	STIS/CCD, ACQ, F28X50OII	MIRROR				1.3 Secs (1.3 Secs) *[==>]*	***[1]***
2	(STIS.ta.617639)	(10) HD97658	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				0.3 Secs (0.3 Secs) *[==>]*	***[1]***
3	(STIS.sp.616698)	(10) HD97658	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 1978 A	BUFFER-TIME=300			550 Secs (550 Secs) *[==>]*	***[1]***
4	(STIS.sp.616700)	(10) HD97658	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=280			527 Secs (527 Secs) *[==>]*	***[1]***
5	(STIS.sp.616637)	(10) HD97658	STIS/FUV-MAMA, TIME-TAG, 0.2X0.06	E140M 1425 A	BUFFER-TIME=1800			2249 Secs (2249 Secs) *[==>]*	***[2]***
6	(STIS.sp.616708)	(10) HD97658	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				10 Secs (10 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***

Orbit Structure




Orbit 2
Server Version: 20150417
Pointing Maneuver
Exp. 6 (Auto-WAVECAL)
Exp. 6, split 1
Exp. 6, split 2
Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 5
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, HD97658-COS160 (11), completed Fri Jun 19 01:02:50 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 10 BY 0 D TO 1 D

Diagnostics

(HD97658-COS160 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(HD97658-COS160 (11)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

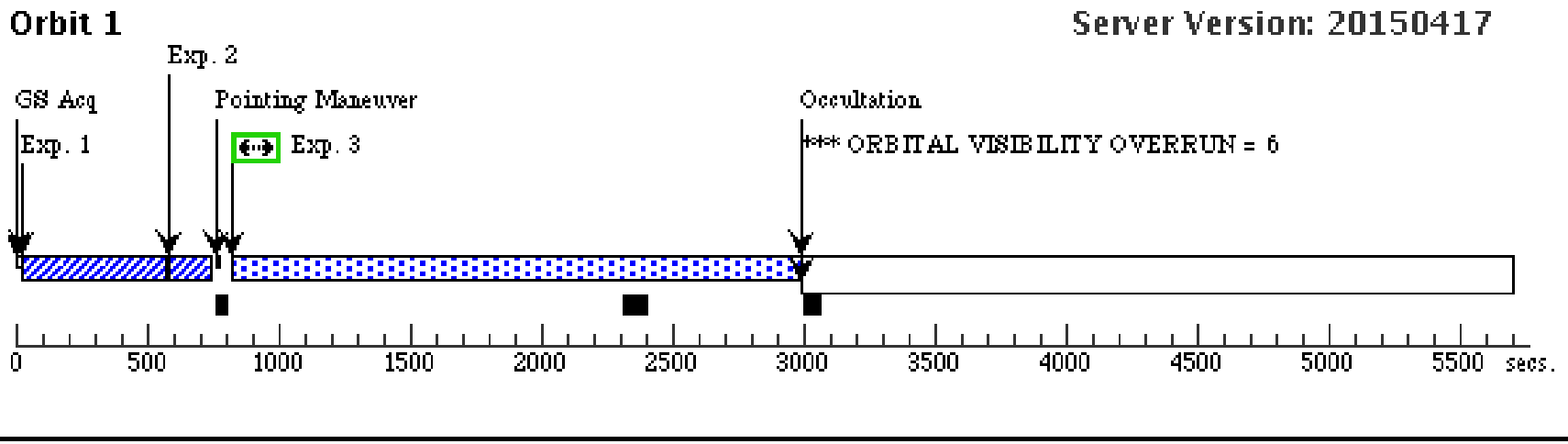
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	HD97658	RA: 11 14 33.1619 (168.6381746d) Dec: +25 42 37.39 (25.71039d) Equinox: J2000	Proper Motion RA: -106.48 mas/yr Proper Motion Dec: 48.82 mas/yr Parallax: 0.04736" Epoch of Position: 2000 Radial Velocity: -1.89 km/sec	V=7.714	Reference Frame: ICRS

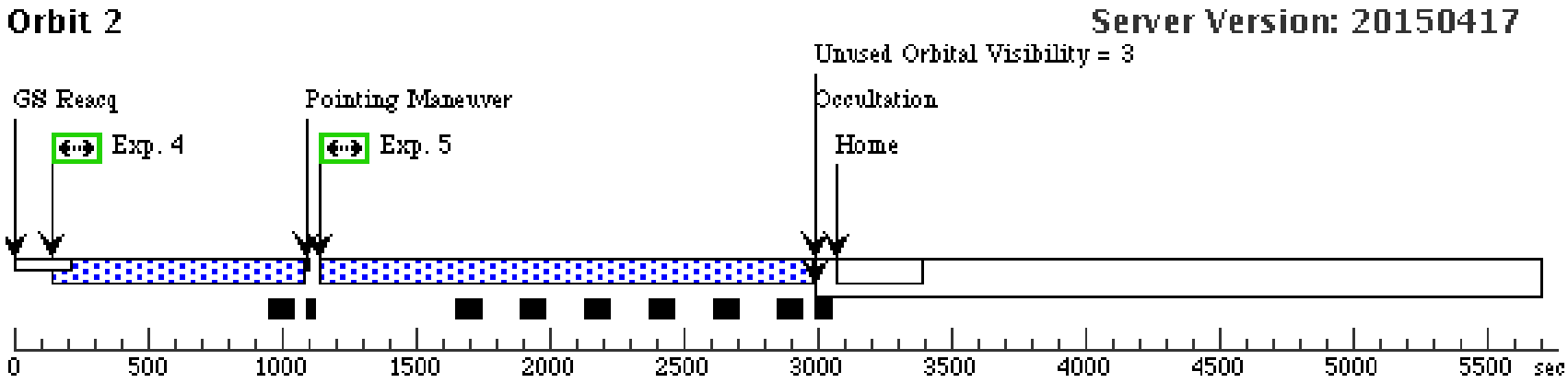
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617643)	(10) HD97658	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	SCAN-SIZE=2			24 Secs (24 Secs) *[==>]*	***[1]***
2	(COS.ta.617642)	(10) HD97658	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				30 Secs (30 Secs) *[==>]*	***[1]***
3	(COS.sp.616710)	(10) HD97658	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1290; FP-POS=1			1946 Secs (1946 Secs) *[==>]*	***[1]***
4	(COS.sp.616710)	(10) HD97658	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=697; FP-POS=3			807 Secs (807 Secs) *[==>]*	***[2]***
5	(COS.sp.616711)	(10) HD97658	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=240; FP-POS=3			1557 Secs (1557 Secs) *[==>]*	***[2]***

Orbit Structure





Visit

Proposal 13650, HD97658-COS130 (12), completed Fri Jun 19 01:02:50 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 11 BY 0 D TO 1 D

Diagnostics

(HD97658-COS130 (12)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

(HD97658-COS130 (12)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(HD97658-COS130 (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

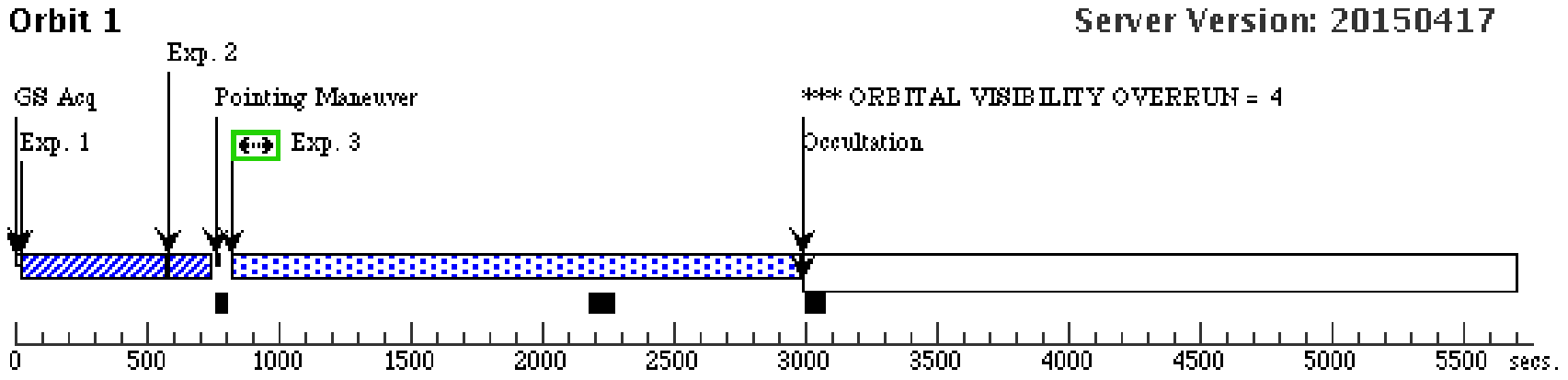
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	HD97658	RA: 11 14 33.1619 (168.6381746d) Dec: +25 42 37.39 (25.71039d) Equinox: J2000	Proper Motion RA: -106.48 mas/yr Proper Motion Dec: 48.82 mas/yr Parallax: 0.04736" Epoch of Position: 2000 Radial Velocity: -1.89 km/sec	V=7.714	Reference Frame: ICRS

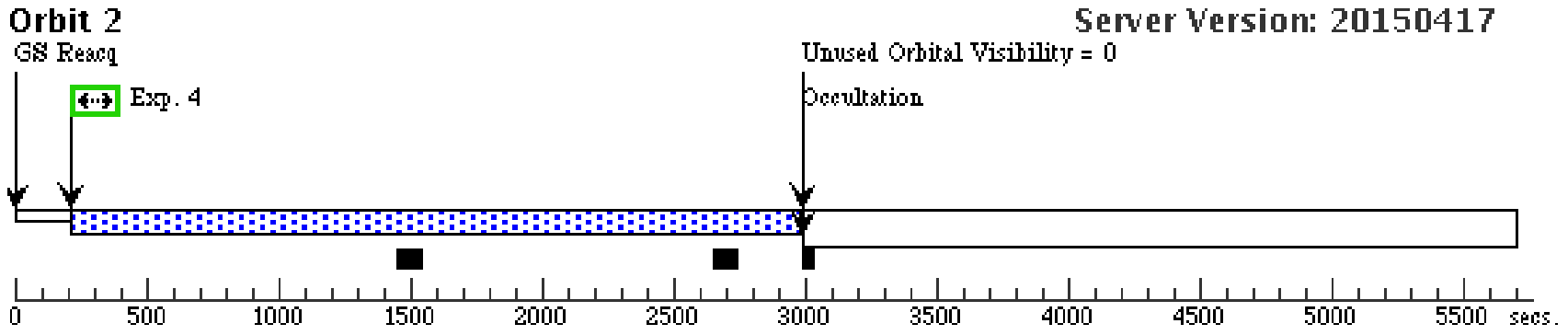
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

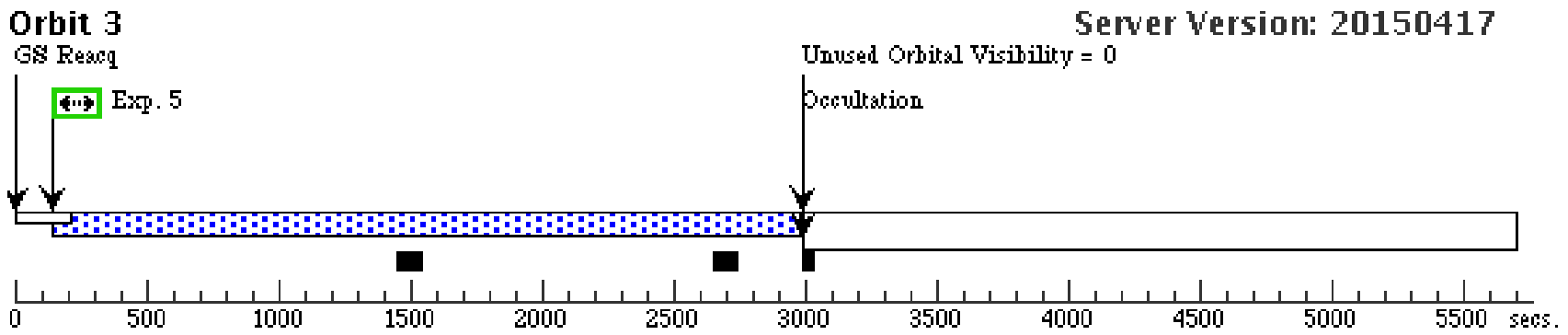
Exposures

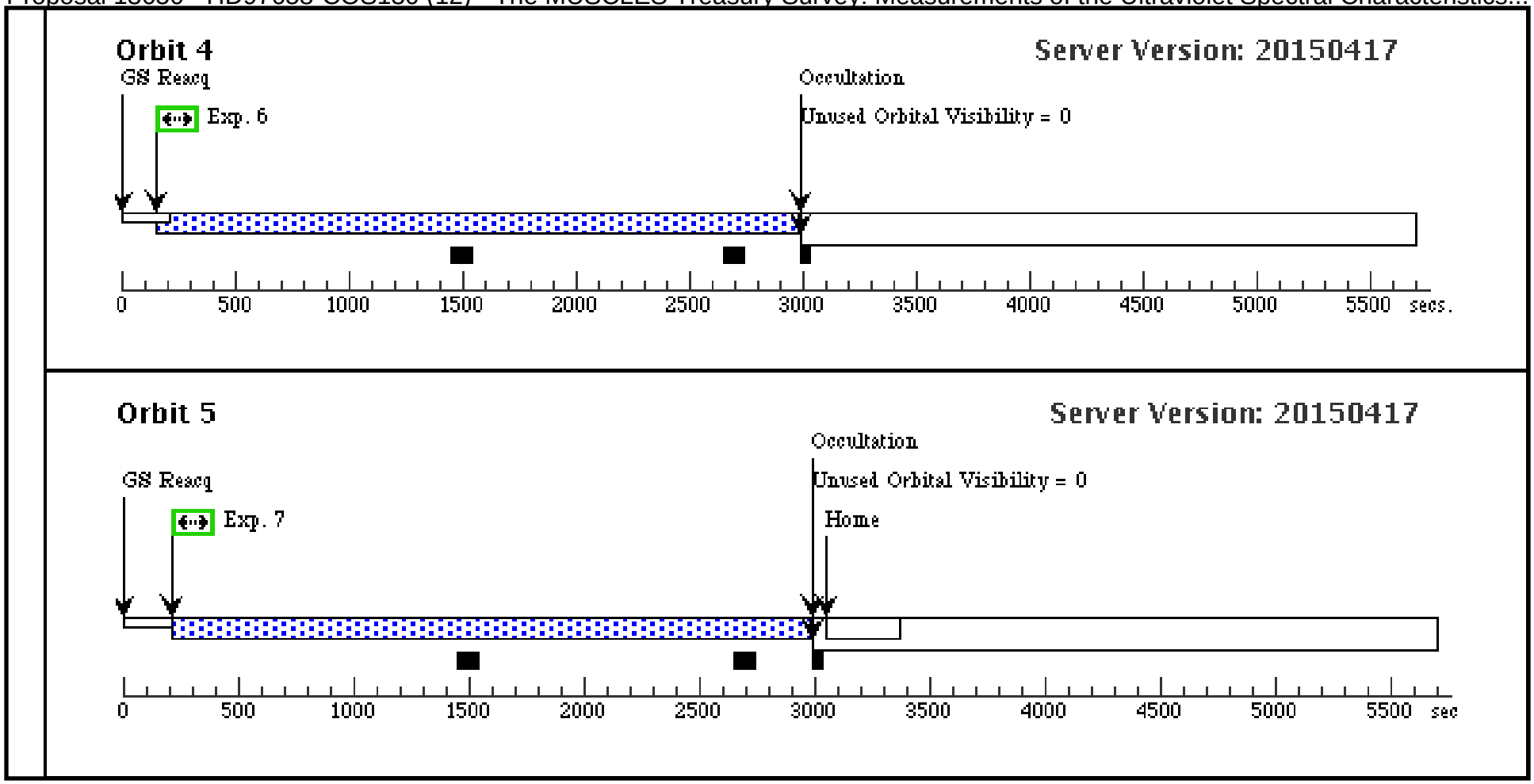
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617643)	(10) HD97658	COS/NUV, ACQ/SEARCH, BOA	MIRRORA	SCAN-SIZE=2			24 Secs (24 Secs) *[==>]*	***[1]***
2	(COS.ta.617642)	(10) HD97658	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				30 Secs (30 Secs) *[==>]*	***[1]***
3	(COS.sp.616636)	(10) HD97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1200; FP-POS=3			1992 Secs (1992 Secs) *[==>]*	***[1]***
4	(COS.sp.616636)	(10) HD97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1200; FP-POS=4			2713 Secs (2713 Secs) *[==>]*	***[2]***
5	(COS.sp.616636)	(10) HD97658	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1200; FP-POS=2			2713 Secs (2713 Secs) *[==>]*	***[3]***
6	(COS.sp.616636)	(10) HD97658	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1200; FP-POS=1			2713 Secs (2713 Secs) *[==>]*	***[4]***
7	(COS.sp.616636)	(10) HD97658	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1200; FP-POS=4			2713 Secs (2713 Secs) *[==>]*	***[5]***

Orbit Structure








Orbit 4
Server Version: 20150417
GS Reacq
Exp. 6
Occultation
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 5
Server Version: 20150417
GS Reacq
Exp. 7
Occultation
Unused Orbital Visibility = 0
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ876-STIS (13), scheduling Fri Jun 19 01:02:50 GMT 2015

Diagnostic Status: No Diagnostics

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

Special Requirements: SCHED 100%; GROUP 13,38,39 WITHIN 5D

Fixed Targets

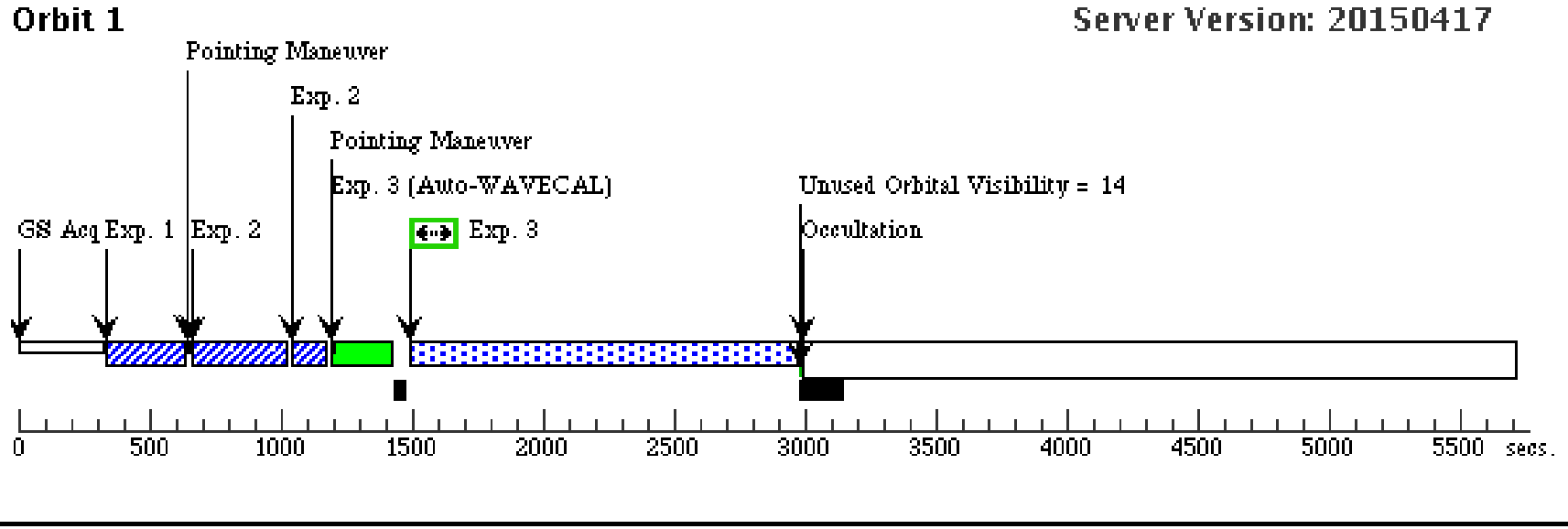
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	GJ876	RA: 22 53 16.7335 (343.3197229d) Dec: -14 15 49.32 (-14.26370d) Equinox: J2000	Proper Motion RA: 959.84 mas/yr Proper Motion Dec: -675.33 mas/yr Parallax: 0.21328" Epoch of Position: 2000 Radial Velocity: -1.59 km/sec	V=10.18 (V-IL-AQR)	Reference Frame: ICRS

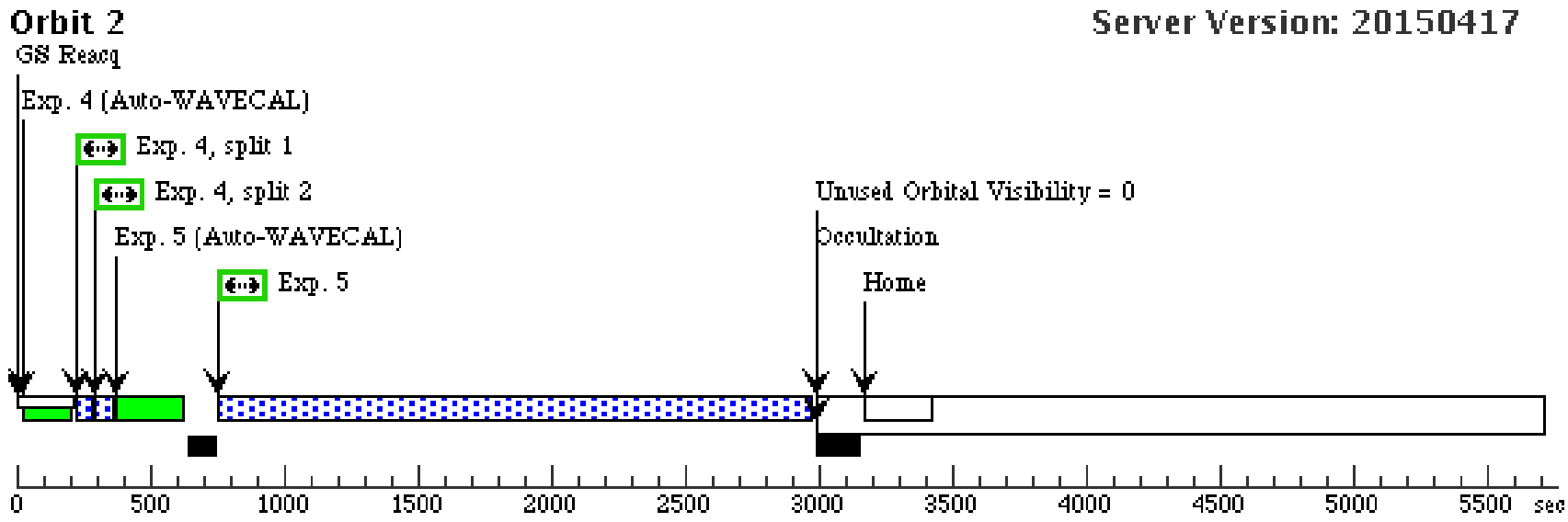
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.ta.615674)	(2) GJ876	STIS/CCD, ACQ, F28X50OII	MIRROR				11 Secs (11 Secs) *[==>]*	***[1]***
2	(STIS.ta.617271)	(2) GJ876	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				0.6 Secs (0.6 Secs) *[==>]*	***[1]***
3	(STIS.sp.615660)	(2) GJ876	STIS/NUV-MAMA, TIME-TAG, 52X0.1	G230L 2376 A	BUFFER-TIME=800			1462 Secs (1462 Secs) *[==>]*	***[1]***
4	(STIS.sp.615669)	(2) GJ876	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				60 Secs (60 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
5	(STIS.sp.615661)	(2) GJ876	STIS/FUV-MAMA, TIME-TAG, 52X0.1	G140M 1222 A	BUFFER-TIME=2000			2209 Secs (2209 Secs) *[==>]*	***[2]***

Orbit Structure





Visit

Proposal 13650, GJ876-COS160 (14), failed Fri Jun 19 01:02:50 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(GJ876-COS160 (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(GJ876-COS160 (14)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

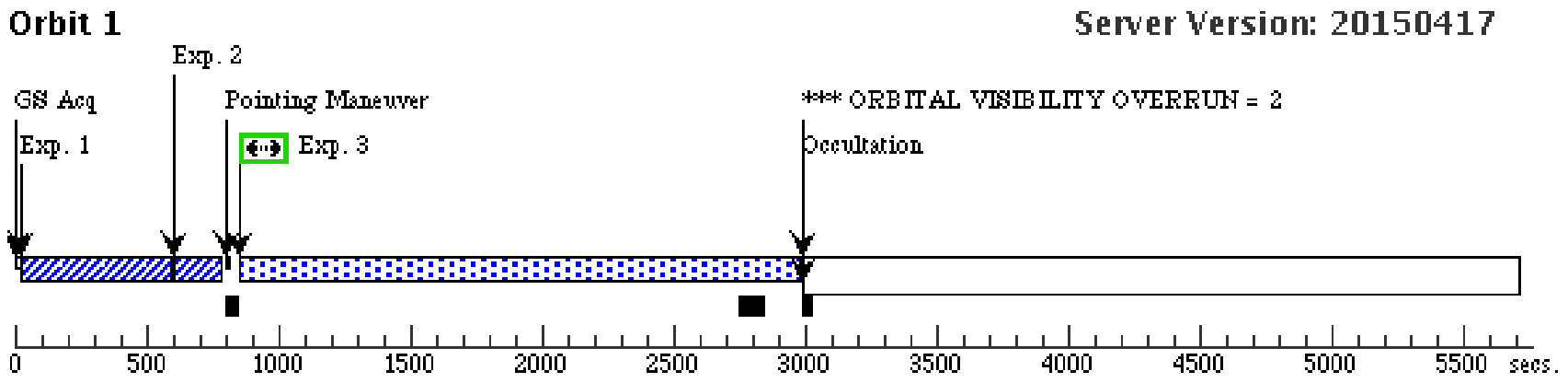
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	GJ876	RA: 22 53 16.7335 (343.3197229d) Dec: -14 15 49.32 (-14.26370d) Equinox: J2000	Proper Motion RA: 959.84 mas/yr Proper Motion Dec: -675.33 mas/yr Parallax: 0.21328" Epoch of Position: 2000 Radial Velocity: -1.59 km/sec	V=10.18 (V-IL-AQR)	Reference Frame: ICRS

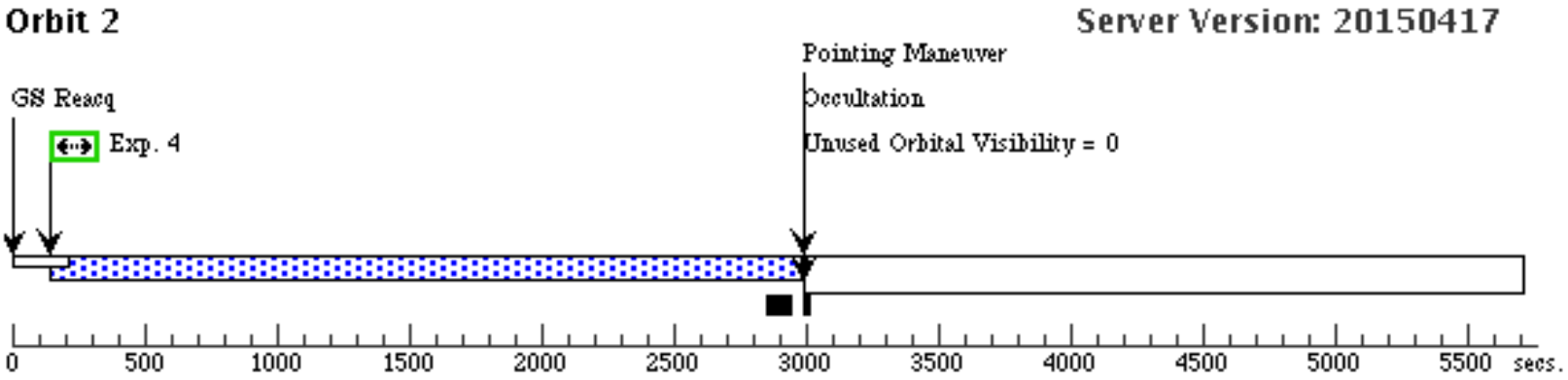
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

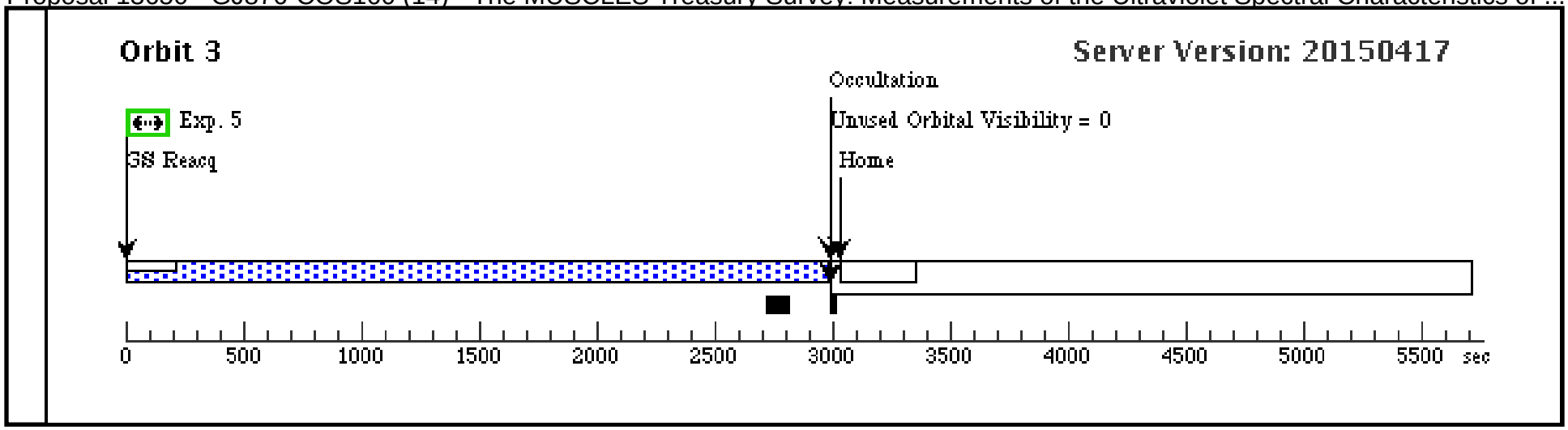
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.615678)	(2) GJ876	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			29 Secs (29 Secs) *[==>]*	 ***[1]***
2	(COS.ta.615678)	(2) GJ876	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				29 Secs (29 Secs) *[==>]*	 ***[1]***
3	(COS.sp.615671)	(2) GJ876	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1700; FP-POS=1			1913 Secs (1913 Secs) *[==>]*	 ***[1]***
4	(COS.sp.615671)	(2) GJ876	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2601; FP-POS=3			2711 Secs (2711 Secs) *[==>]*	 ***[2]***
5	(COS.sp.615672)	(2) GJ876	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=2500; FP-POS=3			2746 Secs (2746 Secs) *[==>]*	 ***[2]***

Orbit Structure






Orbit 3
Server Version: 20150417
Occultation
Exp. 5
Unused Orbital Visibility = 0
38 Reacq
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ876-COS160 (38), scheduling Fri Jun 19 01:02:50 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%

Comments: Duplicate of visit 14 which failed due to HST safing event

Diagnostics

(GJ876-COS160 (38)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(GJ876-COS160 (38)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

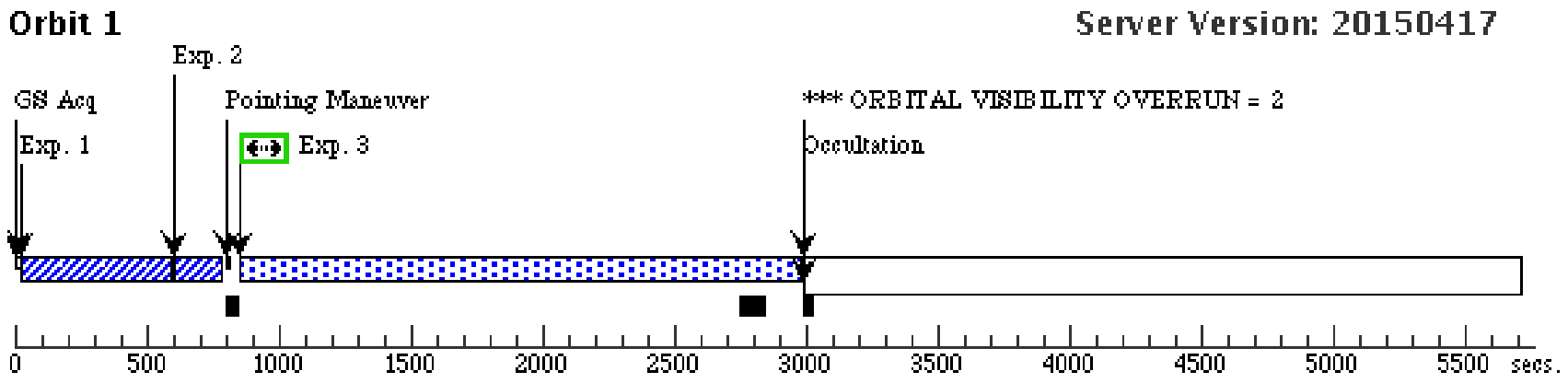
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	GJ876	RA: 22 53 16.7335 (343.3197229d) Dec: -14 15 49.32 (-14.26370d) Equinox: J2000	Proper Motion RA: 959.84 mas/yr Proper Motion Dec: -675.33 mas/yr Parallax: 0.21328" Epoch of Position: 2000 Radial Velocity: -1.59 km/sec	V=10.18 (V-IL-AQR)	Reference Frame: ICRS

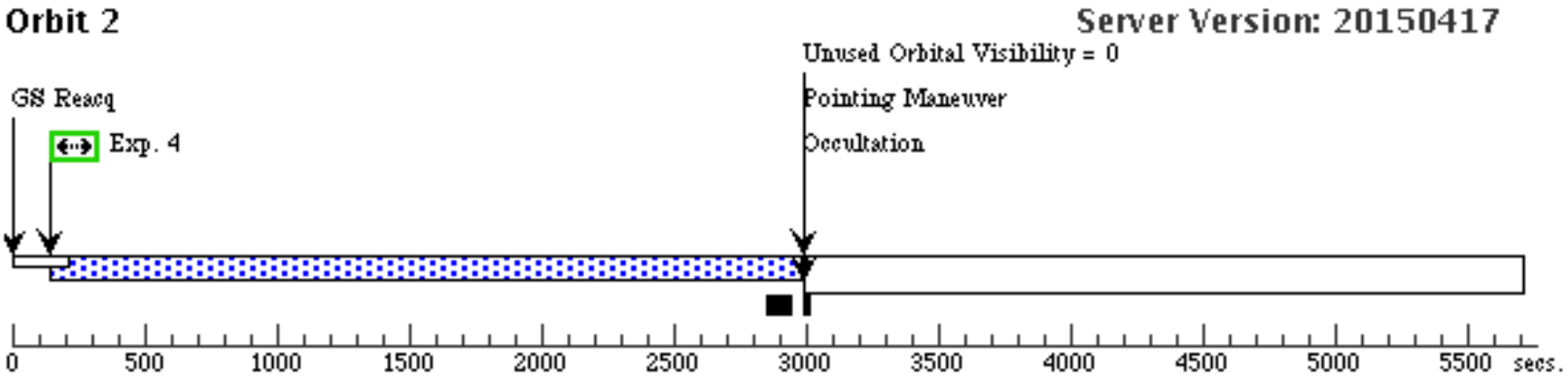
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

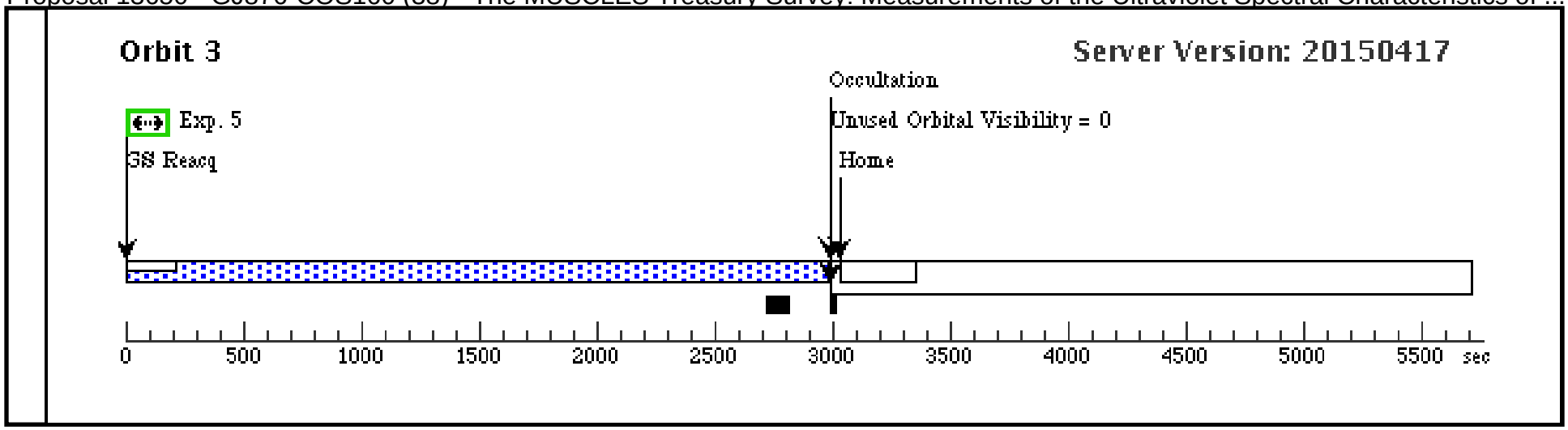
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.615678)	(2) GJ876	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			29 Secs (29 Secs) *[==>]*	*[1]*
2	(COS.ta.615678)	(2) GJ876	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				29 Secs (29 Secs) *[==>]*	*[1]*
3	(COS.sp.615671)	(2) GJ876	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1700; FP-POS=1			1913 Secs (1913 Secs) *[==>]*	*[1]*
4	(COS.sp.615671)	(2) GJ876	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2601; FP-POS=3			2711 Secs (2711 Secs) *[==>]*	*[2]*
5	(COS.sp.615672)	(2) GJ876	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=2500; FP-POS=3			2746 Secs (2746 Secs) *[==>]*	*[2]*

Orbit Structure






Orbit 3
Server Version: 20150417
Occultation
Exp. 5
Unused Orbital Visibility = 0
38 Reacq
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ876-COS130 (15), failed Fri Jun 19 01:02:50 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(GJ876-COS130 (15)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

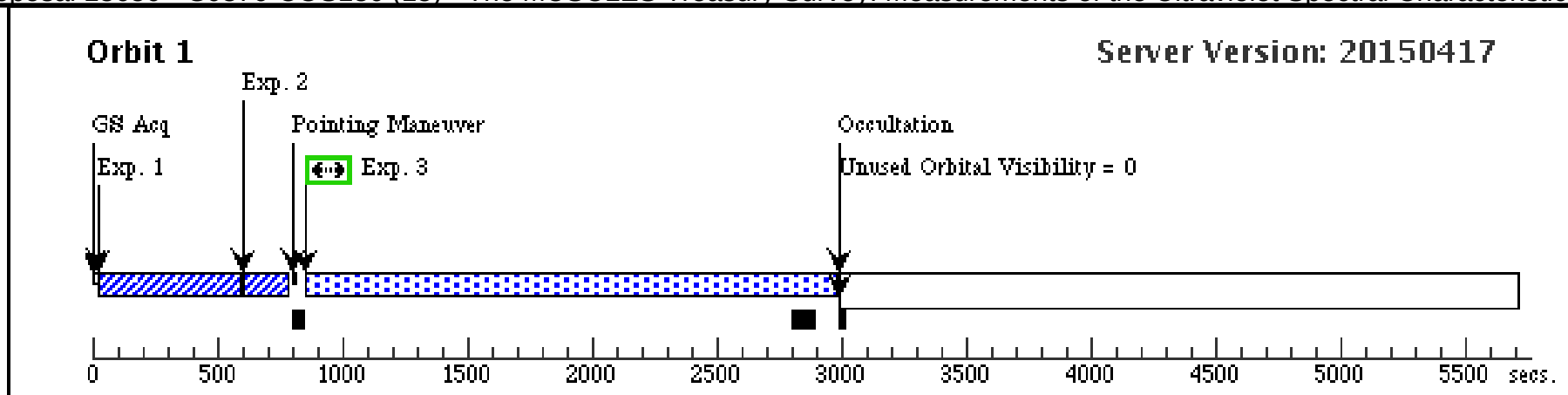
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	GJ876	RA: 22 53 16.7335 (343.3197229d) Dec: -14 15 49.32 (-14.26370d) Equinox: J2000	Proper Motion RA: 959.84 mas/yr Proper Motion Dec: -675.33 mas/yr Parallax: 0.21328" Epoch of Position: 2000 Radial Velocity: -1.59 km/sec	V=10.18 (V-IL-AQR)	Reference Frame: ICRS

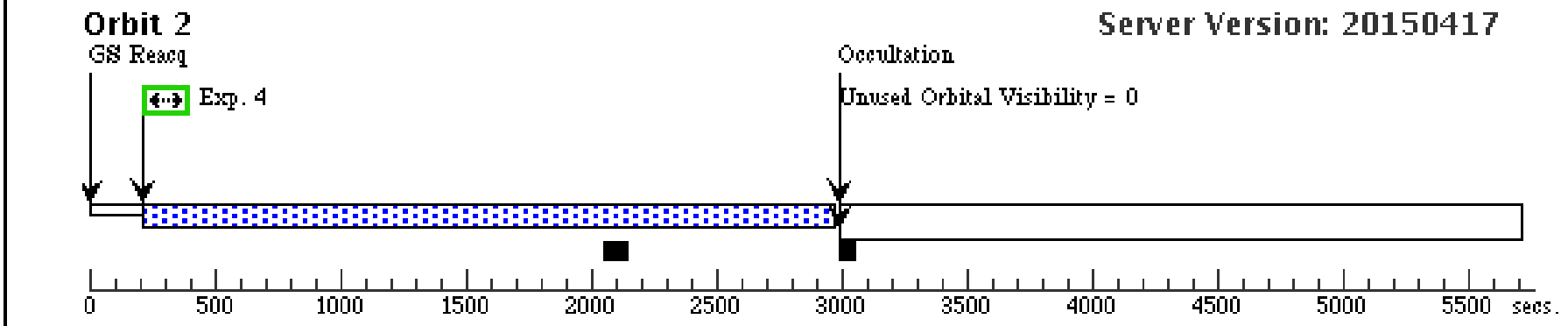
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

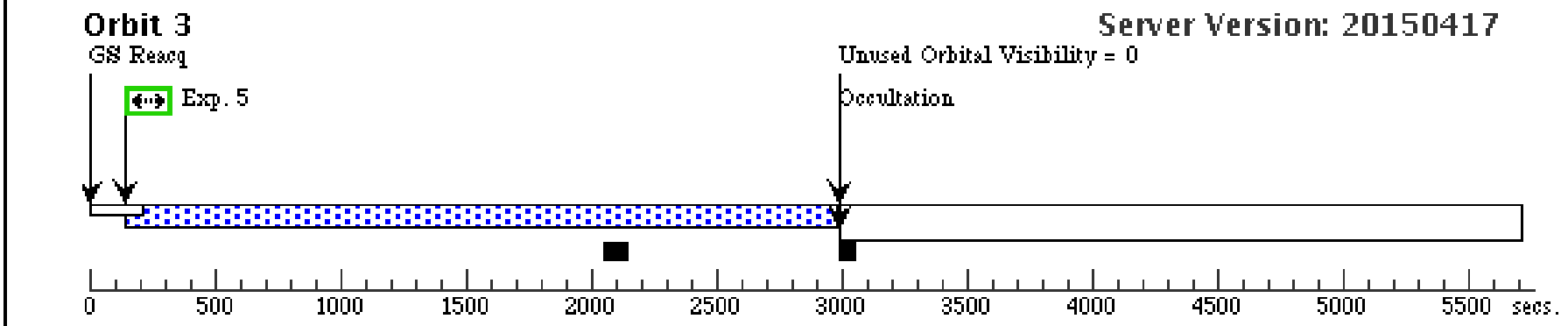
Exposures

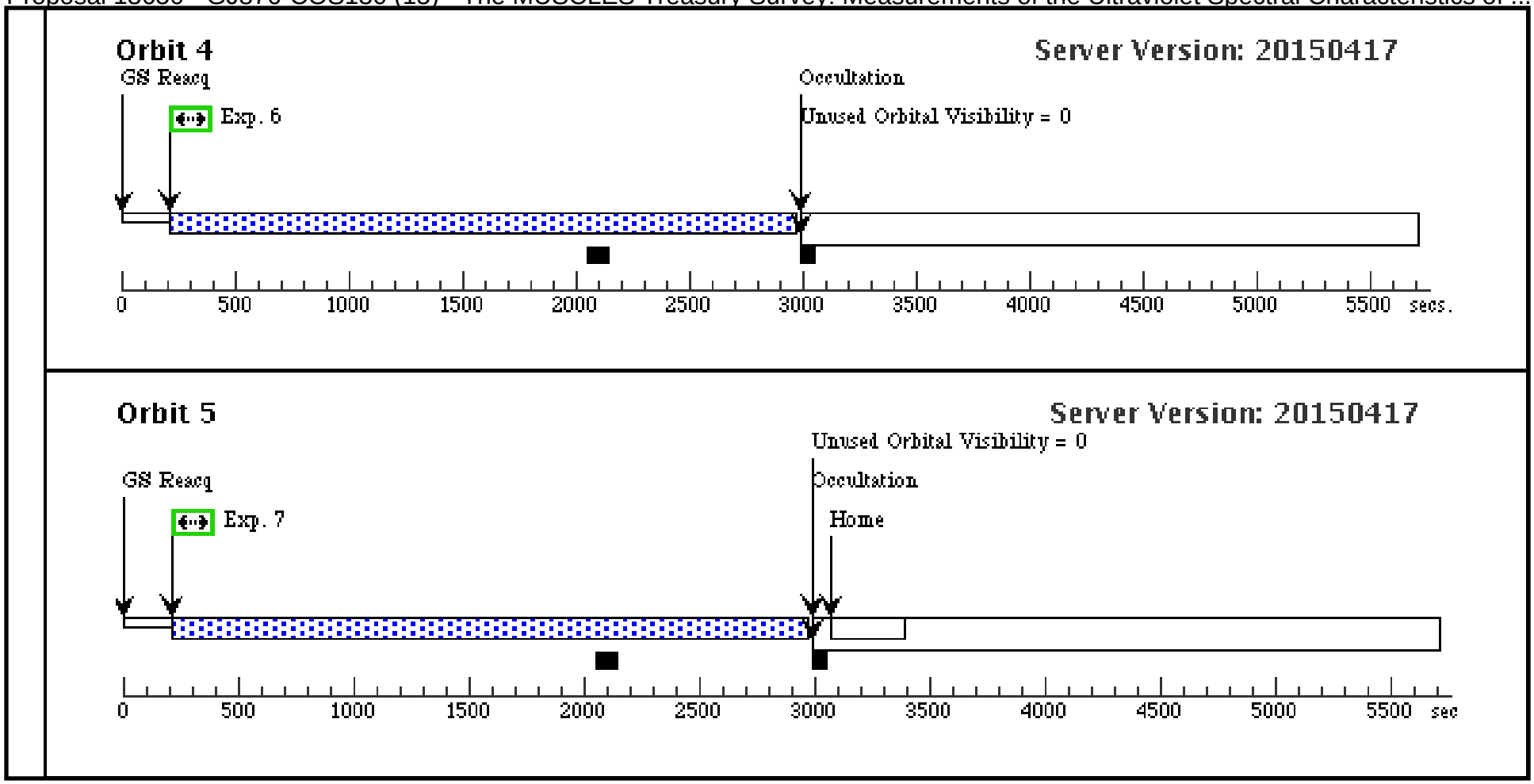
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.615678)	(2) GJ876	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			29 Secs (29 Secs) *[==>]*	*[1]*
2	(COS.ta.615678)	(2) GJ876	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				29 Secs (29 Secs) *[==>]*	*[1]*
3	(COS.sp.615670)	(2) GJ876	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1800; FP-POS=1			1959 Secs (1959 Secs) *[==>]*	*[1]*
4	(COS.sp.615670)	(2) GJ876	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1800; FP-POS=2			2711 Secs (2711 Secs) *[==>]*	*[2]*
5	(COS.sp.615670)	(2) GJ876	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=2			2711 Secs (2711 Secs) *[==>]*	*[3]*
6	(COS.sp.615670)	(2) GJ876	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=3			2711 Secs (2711 Secs) *[==>]*	*[4]*
7	(COS.sp.615670)	(2) GJ876	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=4			2711 Secs (2711 Secs) *[==>]*	*[5]*

Orbit Structure








Orbit 4
Server Version: 20150417
GS Reacq
Exp. 6
Occultation
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 5
Server Version: 20150417
Unused Orbital Visibility = 0
GS Reacq
Exp. 7
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ876-COS130 (39), scheduling Fri Jun 19 01:02:51 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%

Comments: Duplicate of visit 15 which failed during a HST safing event.

Diagnostics

(GJ876-COS130 (39)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

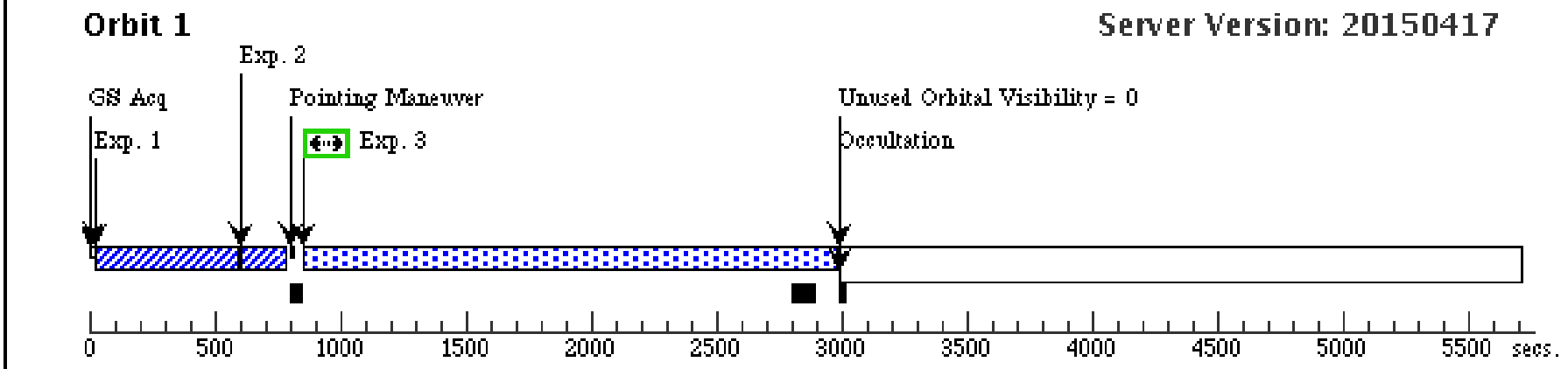
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	GJ876	RA: 22 53 16.7335 (343.3197229d) Dec: -14 15 49.32 (-14.26370d) Equinox: J2000	Proper Motion RA: 959.84 mas/yr Proper Motion Dec: -675.33 mas/yr Parallax: 0.21328" Epoch of Position: 2000 Radial Velocity: -1.59 km/sec	V=10.18 (V-IL-AQR)	Reference Frame: ICRS

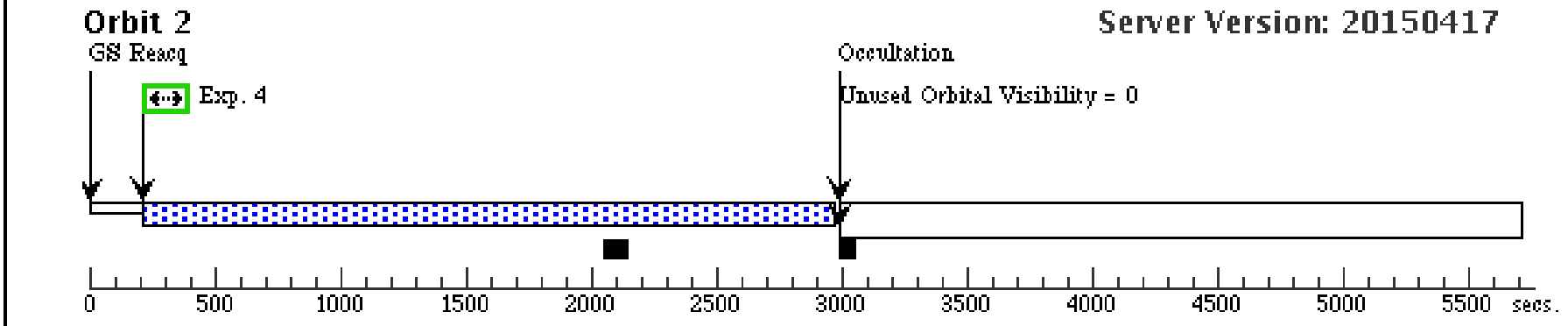
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

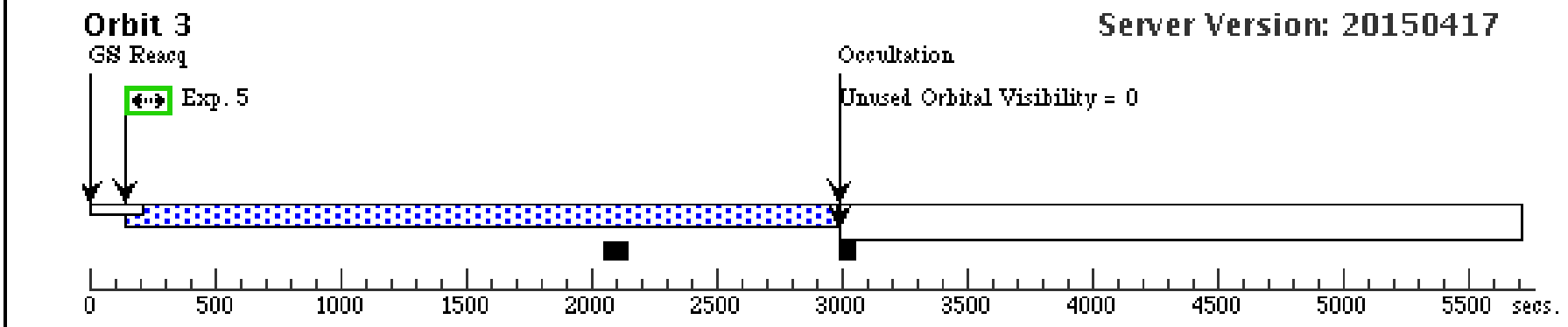
Exposures

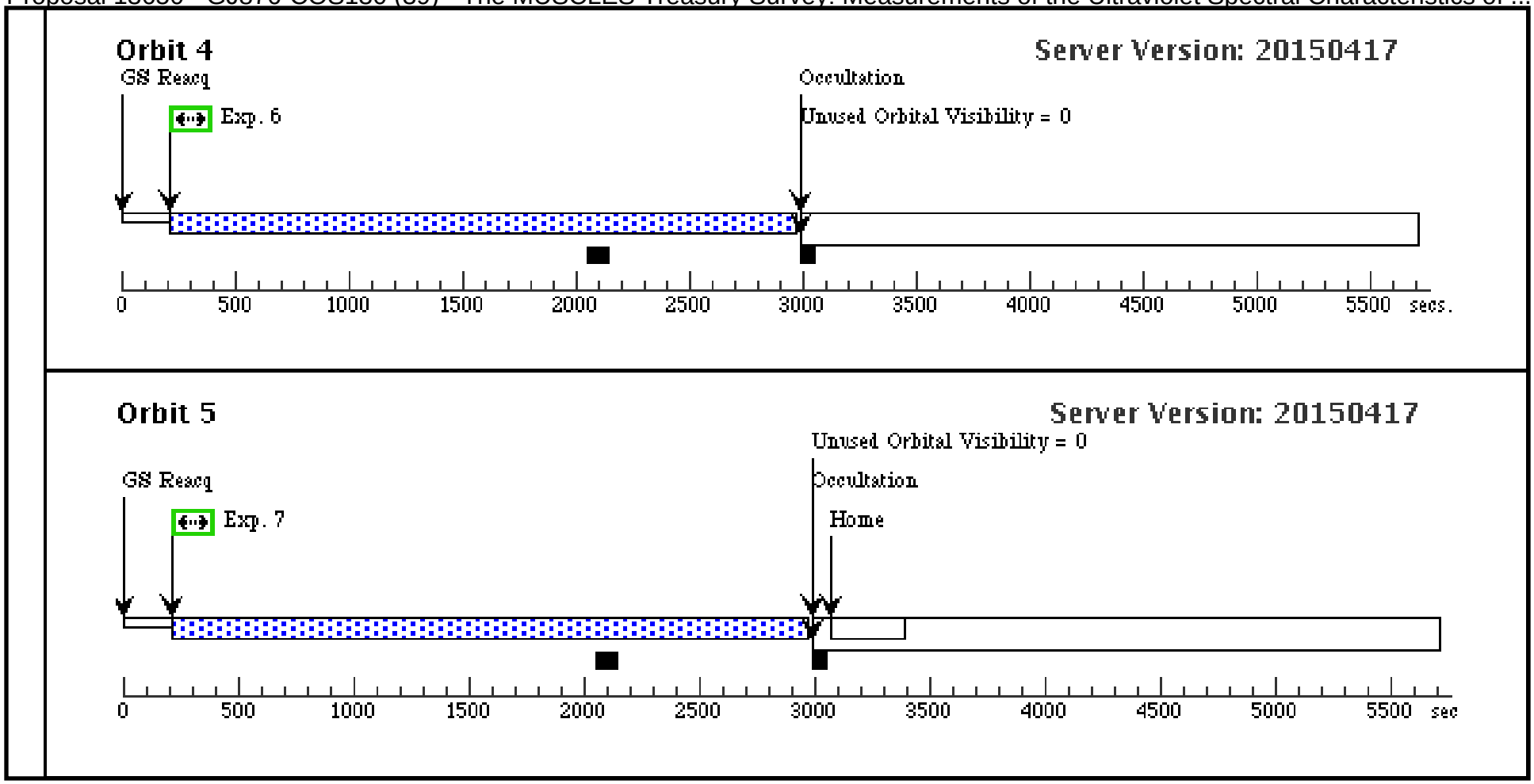
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.615 678)	(2) GJ876	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			29 Secs (29 Secs) *[==>]*	***[1]***
2	(COS.ta.615 678)	(2) GJ876	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				29 Secs (29 Secs) *[==>]*	***[1]***
3	(COS.sp.615 670)	(2) GJ876	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1800; FP-POS=1			1959 Secs (1959 Secs) *[==>]*	***[1]***
4	(COS.sp.615 670)	(2) GJ876	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1800; FP-POS=2			2711 Secs (2711 Secs) *[==>]*	***[2]***
5	(COS.sp.615 670)	(2) GJ876	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=2			2711 Secs (2711 Secs) *[==>]*	***[3]***
6	(COS.sp.615 670)	(2) GJ876	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=3			2711 Secs (2711 Secs) *[==>]*	***[4]***
7	(COS.sp.615 670)	(2) GJ876	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=4			2711 Secs (2711 Secs) *[==>]*	***[5]***

Orbit Structure








Orbit 4
Server Version: 20150417
GS Reacq
Exp. 6
Occultation
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 5
Server Version: 20150417
Unused Orbital Visibility = 0
GS Reacq
Exp. 7
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ832-STIS (16), completed Fri Jun 19 01:02:51 GMT 2015

Diagnostic Status: No Diagnostics

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

Special Requirements: SCHED 100%

Fixed Targets

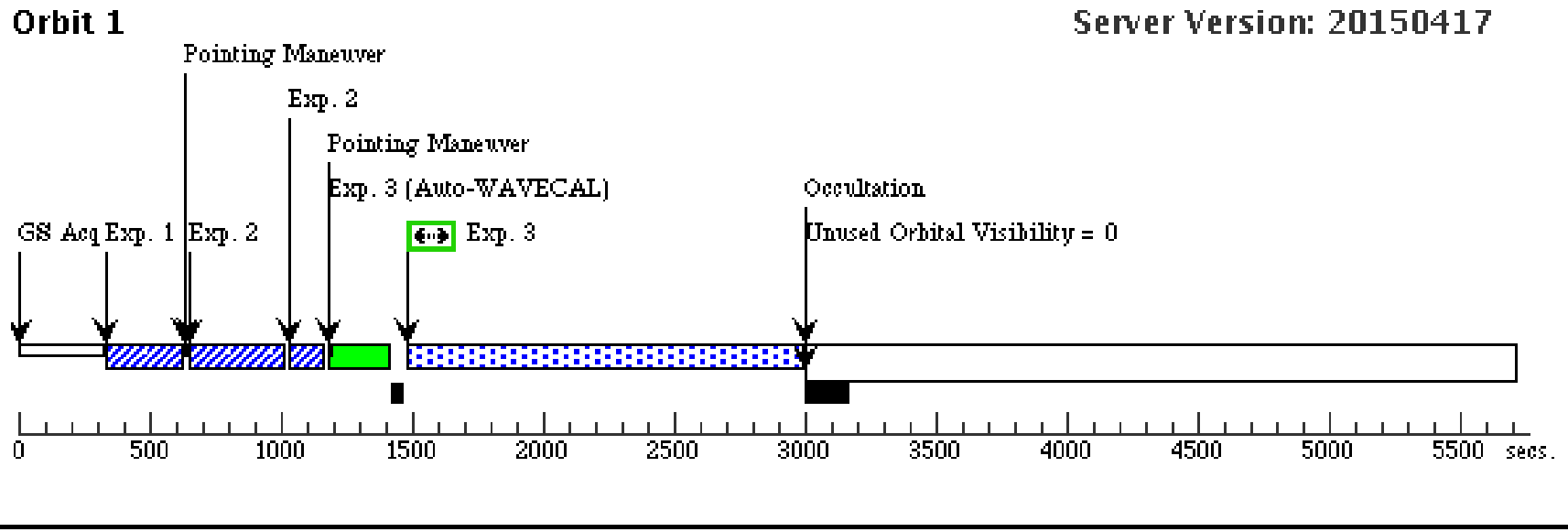
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	GJ832	RA: 21 33 33.9753 (323.3915638d) Dec: -49 00 32.42 (-49.00901d) Equinox: J2000	Proper Motion RA: -46.05 mas/yr Proper Motion Dec: -817.63 mas/yr Parallax: 0.20187" Epoch of Position: 2000 Radial Velocity: 4.3 km/sec	V=8.672 (LHS-3685)	Reference Frame: ICRS

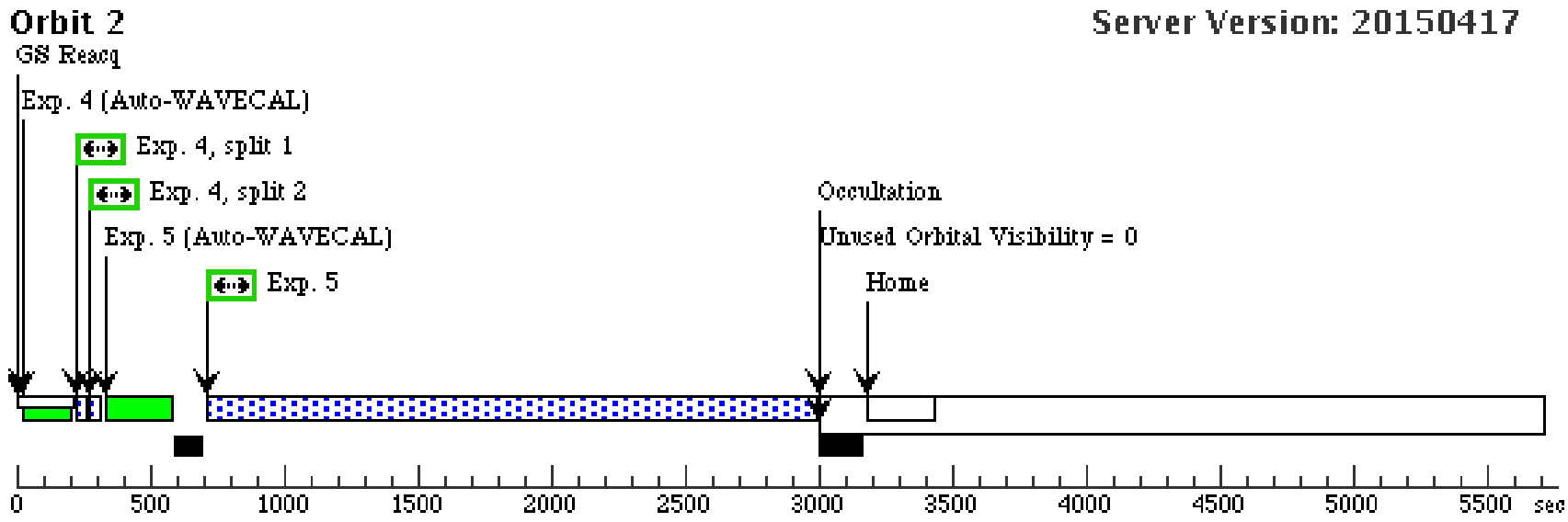
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.ta.617569)	(3) GJ832	STIS/CCD, ACQ, F28X50OII	MIRROR		GS ACQ SCENARIO BASE1B3		8 Secs (8 Secs) *[==>]*	 ***[1]***
2	(STIS.ta.617571)	(3) GJ832	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				0.6 Secs (0.6 Secs) *[==>]*	 ***[1]***
3	(STIS.sp.616575)	(3) GJ832	STIS/NUV-MAMA, TIME-TAG, 52X0.1	G230L 2376 A	BUFFER-TIME=800			1498 Secs (1498 Secs) *[==>]*	 ***[1]***
4	(STIS.sp.616577)	(3) GJ832	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				15 Secs (15 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	 ***[2]***
5	(STIS.sp.616357)	(3) GJ832	STIS/FUV-MAMA, TIME-TAG, 52X0.1	G140M 1222 A	BUFFER-TIME=2000			2263 Secs (2263 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13650, GJ832-COS160 (17), completed Fri Jun 19 01:02:51 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 16 BY 0 D TO 1.0 D

Diagnostics

(GJ832-COS160 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(GJ832-COS160 (17)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

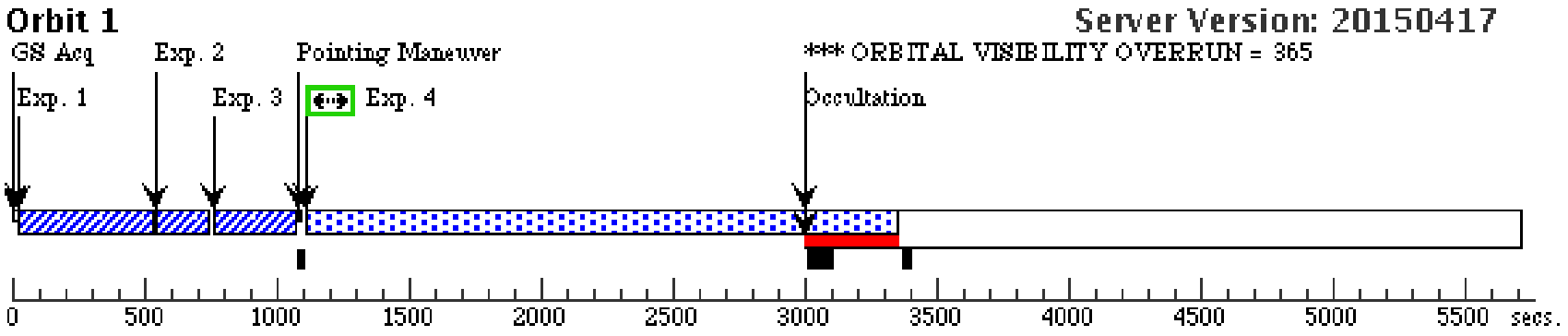
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	GJ832	RA: 21 33 33.9753 (323.3915638d) Dec: -49 00 32.42 (-49.00901d) Equinox: J2000	Proper Motion RA: -46.05 mas/yr Proper Motion Dec: -817.63 mas/yr Parallax: 0.20187" Epoch of Position: 2000 Radial Velocity: 4.3 km/sec	V=8.672 (LHS-3685)	Reference Frame: ICRS

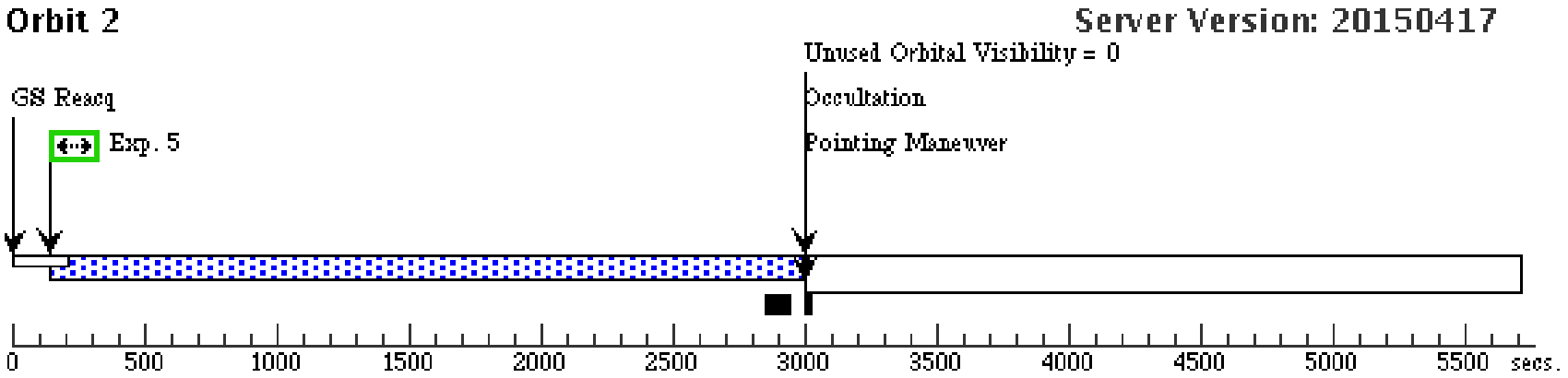
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

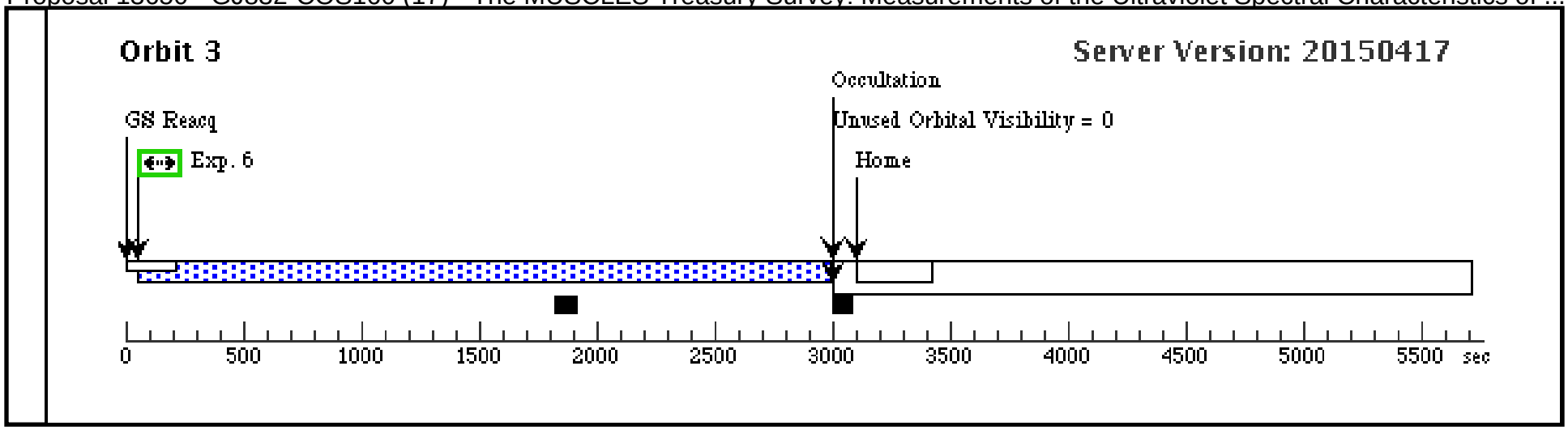
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617573)	(3) GJ832	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2	GS ACQ SCENARIO BASE1B3		14 Secs (14 Secs) *[==>]*	 ***[1]***
2	(COS.sa.633836)	(3) GJ832	COS/NUV, ACQ/PEAKXD, PSA	G230L 2950 A				32 Secs (32 Secs) *[==>]*	 ***[1]***
3	(COS.sa.633830)	(3) GJ832	COS/NUV, ACQ/PEAKD, PSA	G230L 2950 A	NUM-POS=5.0; STEP-SIZE=0.9; CENTER=FLUX-WT-FLR			32 Secs (32 Secs) *[==>]*	 ***[1]***
4	(COS.sp.616572)	(3) GJ832	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1700; FP-POS=1			2025 Secs (2025 Secs) *[==>]*	 ***[1]***
5	(COS.sp.616572)	(3) GJ832	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2601; FP-POS=3			2721 Secs (2721 Secs) *[==>]*	 ***[2]***
6	(COS.sp.616573)	(3) GJ832	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=1600; FP-POS=3			2756 Secs (2756 Secs) *[==>]*	 ***[3]***

Orbit Structure






Orbit 3
Server Version: 20150417
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ832-COS130 (18), completed Fri Jun 19 01:02:51 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 17 BY 0 D TO 1 D

Diagnostics

(GJ832-COS130 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(GJ832-COS130 (18)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

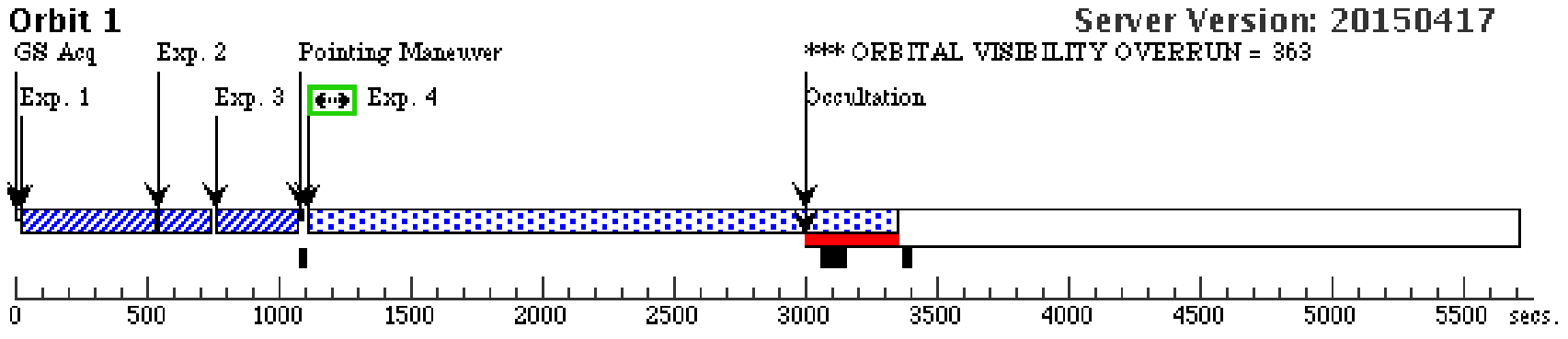
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	GJ832	RA: 21 33 33.9753 (323.3915638d) Dec: -49 00 32.42 (-49.00901d) Equinox: J2000	Proper Motion RA: -46.05 mas/yr Proper Motion Dec: -817.63 mas/yr Parallax: 0.20187" Epoch of Position: 2000 Radial Velocity: 4.3 km/sec	V=8.672 (LHS-3685)	Reference Frame: ICRS

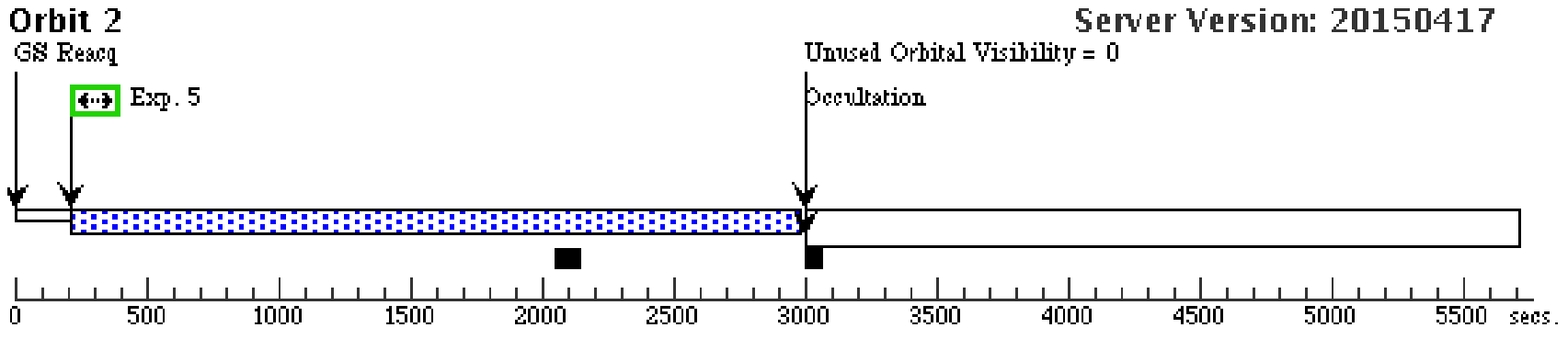
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

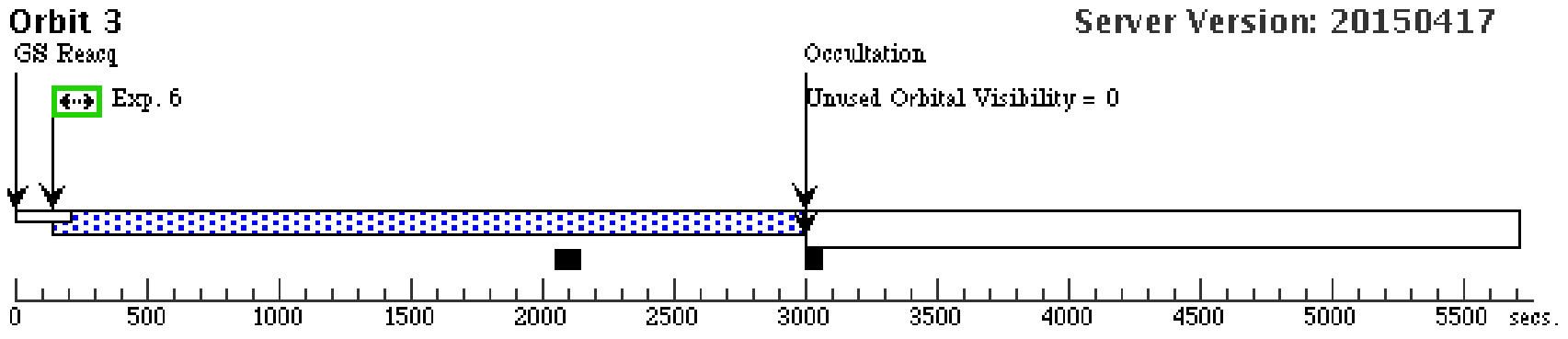
Exposures

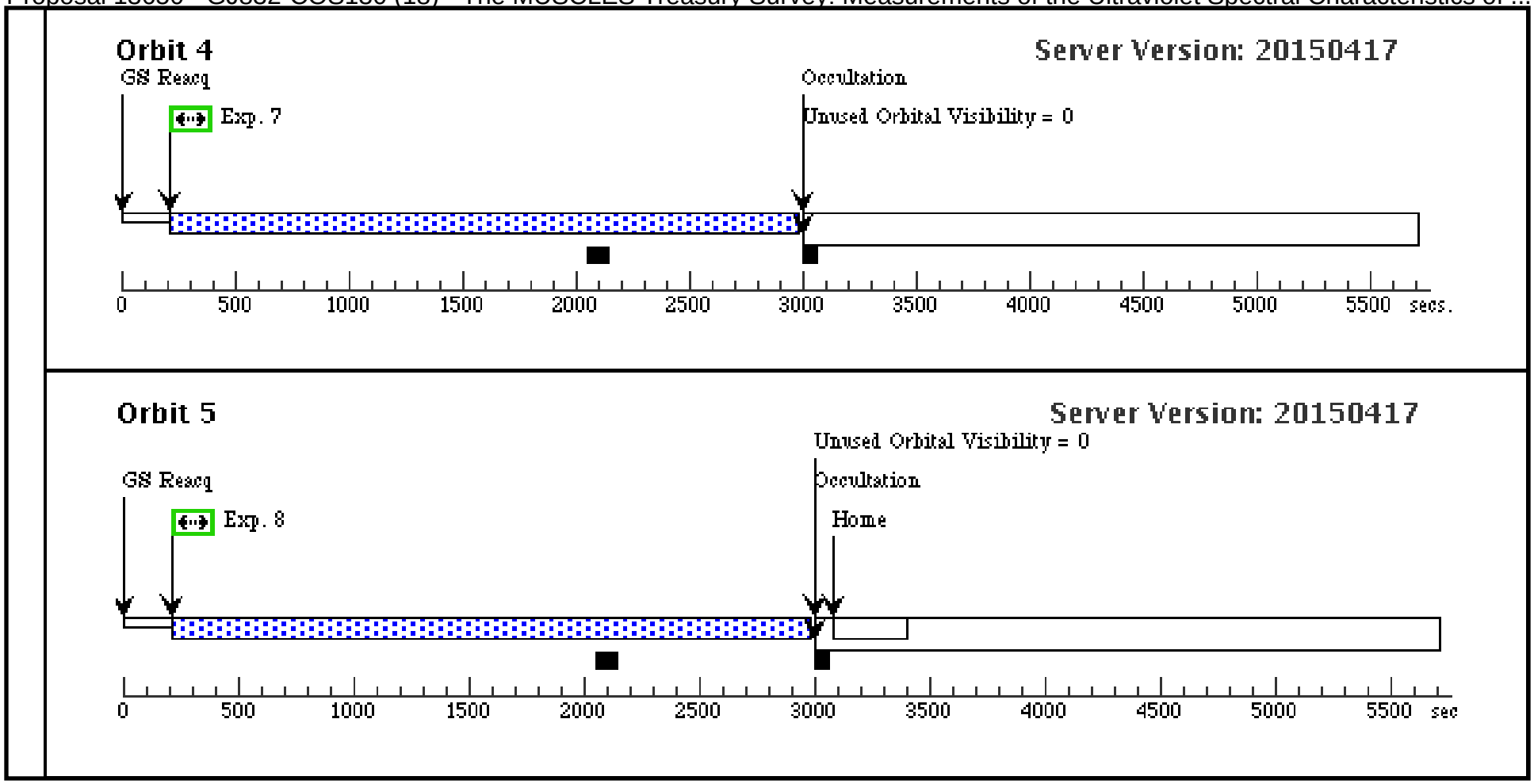
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617573)	(3) GJ832	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2	GS ACQ SCENARIO BASE1B3		14 Secs (14 Secs) *[==>]*	***[1]***
2	(COS.sa.633836)	(3) GJ832	COS/NUV, ACQ/PEAKXD, PSA	G230L 2950 A				32 Secs (32 Secs) *[==>]*	***[1]***
3	(COS.sa.633830)	(3) GJ832	COS/NUV, ACQ/PEAKD, PSA	G230L 2950 A	NUM-POS=5.0; STEP-SIZE=0.9; CENTER=FLUX-WT-FLR			32 Secs (32 Secs) *[==>]*	***[1]***
4	(COS.sp.616356)	(3) GJ832	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1800; FP-POS=1			2071 Secs (2071 Secs) *[==>]*	***[1]***
5	(COS.sp.616356)	(3) GJ832	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1800; FP-POS=2			2721 Secs (2721 Secs) *[==>]*	***[2]***
6	(COS.sp.616356)	(3) GJ832	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=2			2721 Secs (2721 Secs) *[==>]*	***[3]***
7	(COS.sp.616356)	(3) GJ832	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=3			2721 Secs (2721 Secs) *[==>]*	***[4]***
8	(COS.sp.616356)	(3) GJ832	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=4			2721 Secs (2721 Secs) *[==>]*	***[5]***

Orbit Structure








Orbit 4
Server Version: 20150417
GS Reacq
Exp. 7
Occultation
Unused Orbital Visibility = 0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 5
Server Version: 20150417
Unused Orbital Visibility = 0
GS Reacq
Exp. 8
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ581-STIS (19), scheduling Fri Jun 19 01:02:52 GMT 2015

Diagnostic Status: No Diagnostics

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

Special Requirements: SCHED 100%

Fixed Targets

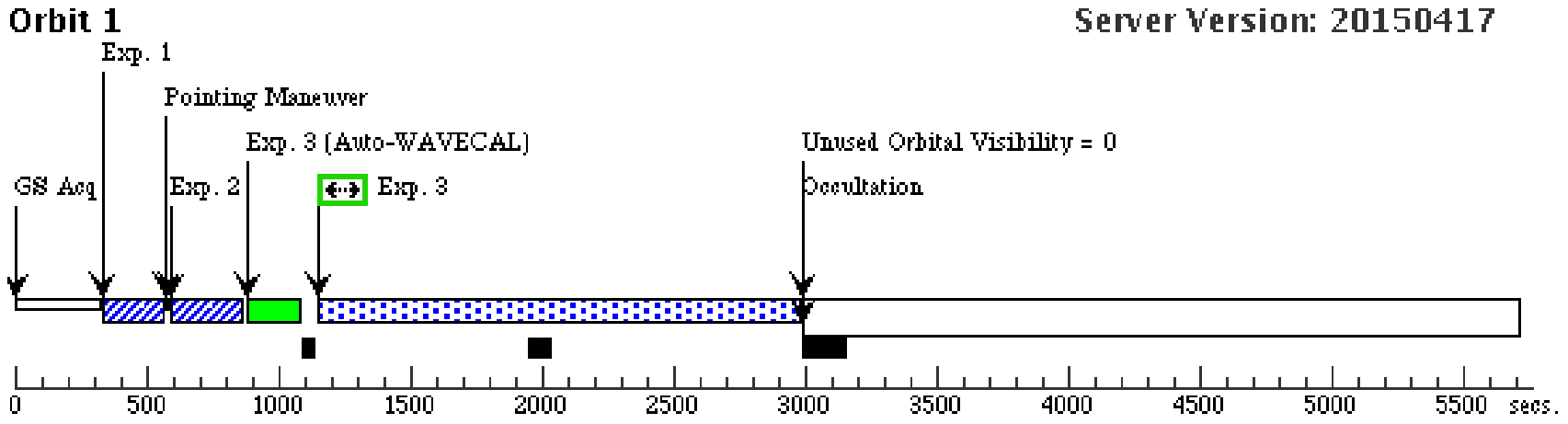
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	GJ581	RA: 15 19 26.8250 (229.8617708d) Dec: -07 43 20.21 (-7.72228d) Equinox: J2000	Proper Motion RA: -1224.55 mas/yr Proper Motion Dec: -99.51 mas/yr Parallax: 0.15952" Epoch of Position: 2000 Radial Velocity: -9.5 km/sec	V=10.567 (V-HO-LIB)	Reference Frame: ICRS

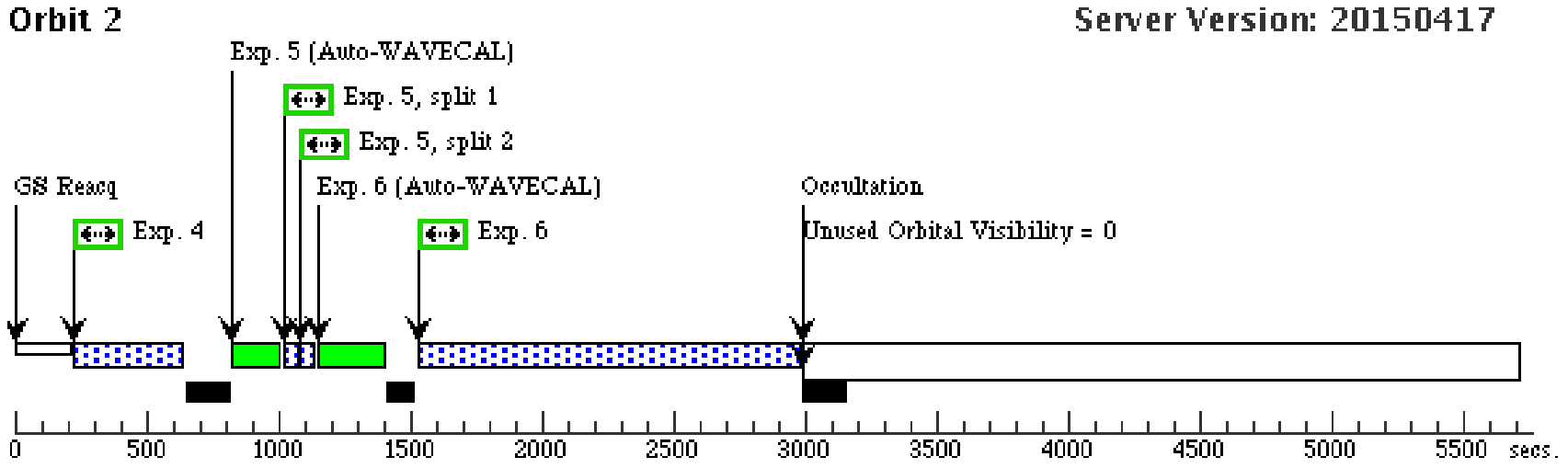
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. but the APT coordinates did not match the coordinates taht I found in Simbad on 06/2/6/14 - kf, and the target confirmation charts show the aperture missing the target. Reverting to successful Cycle 19(12464) coordinates and propoer motions.

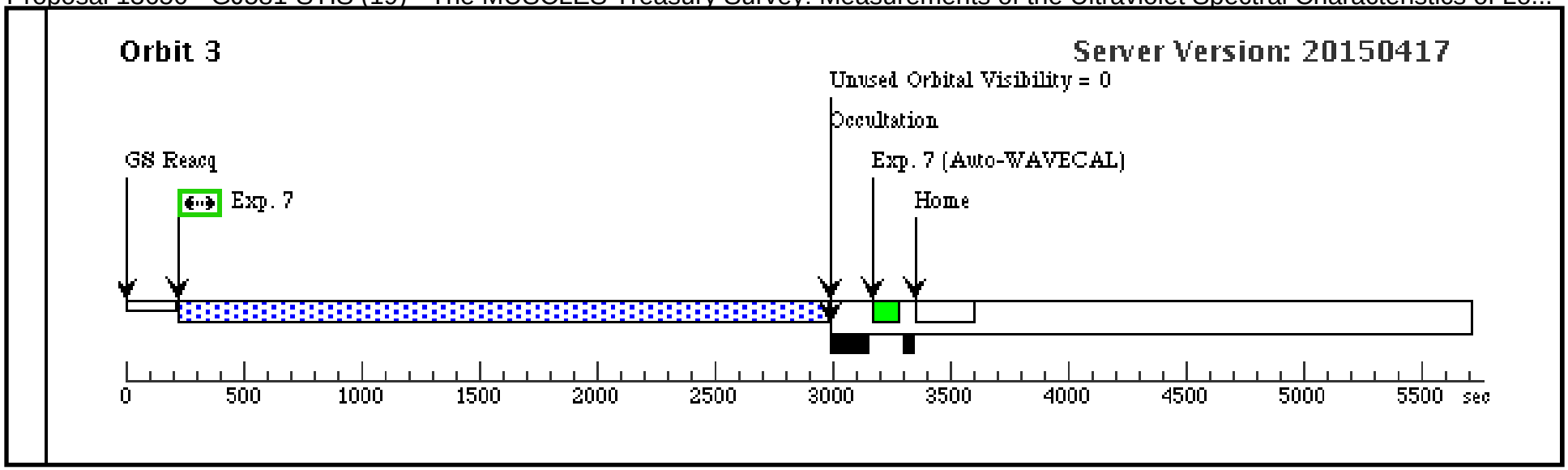
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.ta.617584)	(4) GJ581	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	 ***[1]***
2	(STIS.ta.617586)	(4) GJ581	STIS/CCD, ACQ/PEAK, 52X0.1	G430L 4300 A				0.1 Secs (0.1 Secs) *[==>]*	 ***[1]***
3	(STIS.sp.616617)	(4) GJ581	STIS/NUV-MAMA, TIME-TAG, 52X0.1	G230L 2376 A	BUFFER-TIME=800			1817 Secs (1817 Secs) *[==>]*	 ***[1]***
4	(STIS.sp.616617)	(4) GJ581	STIS/NUV-MAMA, TIME-TAG, 52X0.1	G230L 2376 A	BUFFER-TIME=390			400 Secs (400 Secs) *[==>]*	 ***[2]***
5	(STIS.sp.616616)	(4) GJ581	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				30 Secs (30 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	 ***[2]***
6	(STIS.sp.616618)	(4) GJ581	STIS/FUV-MAMA, TIME-TAG, 52X0.1	G140M 1222 A	BUFFER-TIME=1318			1438 Secs (1438 Secs) *[==>]*	 ***[2]***
7	(STIS.sp.616618)	(4) GJ581	STIS/FUV-MAMA, TIME-TAG, 52X0.1	G140M 1222 A	BUFFER-TIME=2000			2746 Secs (2746 Secs) *[==>]*	 ***[3]***

Orbit Structure






Orbit 3
Server Version: 20150417
Unused Orbital Visibility = 0
Occultation
GS Reacq
Exp. 7
Exp. 7 (Auto-WAVECAL)
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ581-COS160 (20), scheduling Fri Jun 19 01:02:52 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 19 BY 0 D TO 1.0 D

Diagnostics

(GJ581-COS160 (20)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

(GJ581-COS160 (20)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

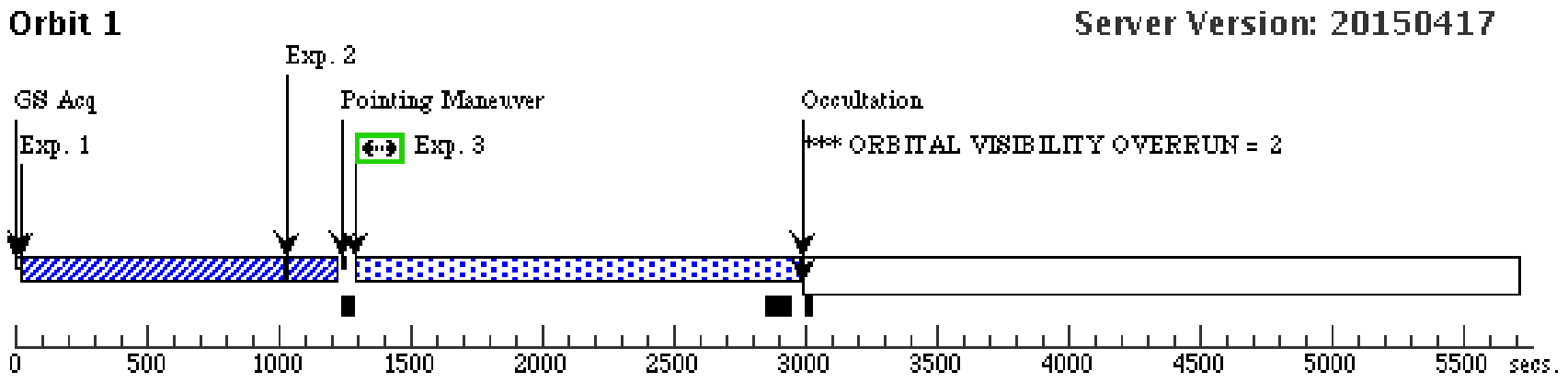
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	GJ581	RA: 15 19 26.8250 (229.8617708d) Dec: -07 43 20.21 (-7.72228d) Equinox: J2000	Proper Motion RA: -1224.55 mas/yr Proper Motion Dec: -99.51 mas/yr Parallax: 0.15952" Epoch of Position: 2000 Radial Velocity: -9.5 km/sec	V=10.567 (V-HO-LIB)	Reference Frame: ICRS

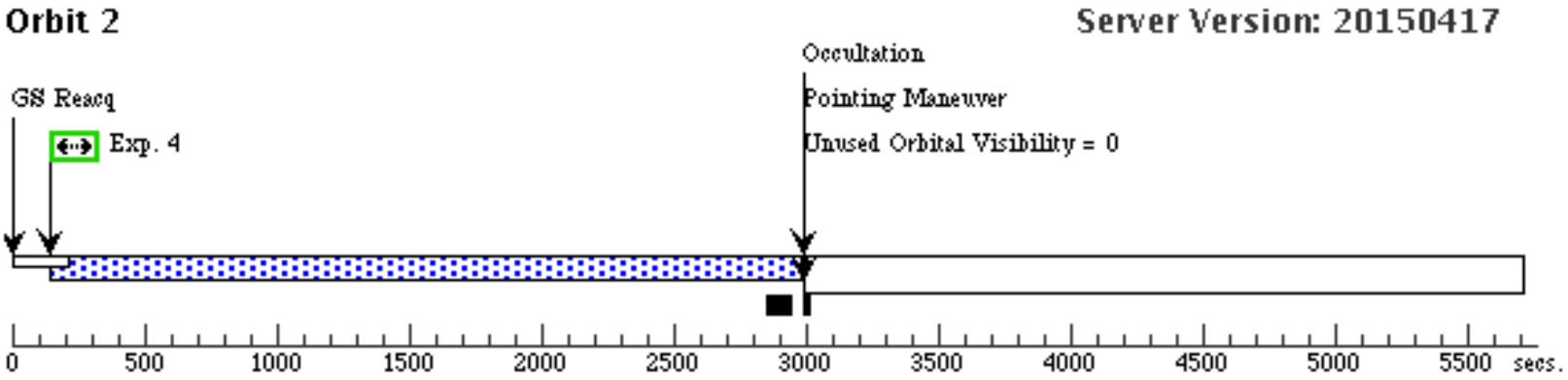
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. but the APT coordinates did not match the coordinates taht I found in Simbad on 06/2/6/14 - kf, and the target confirmation charts show the aperture missing the target. Reverting to successful Cycle 19(12464) coordinates and propoer motions.

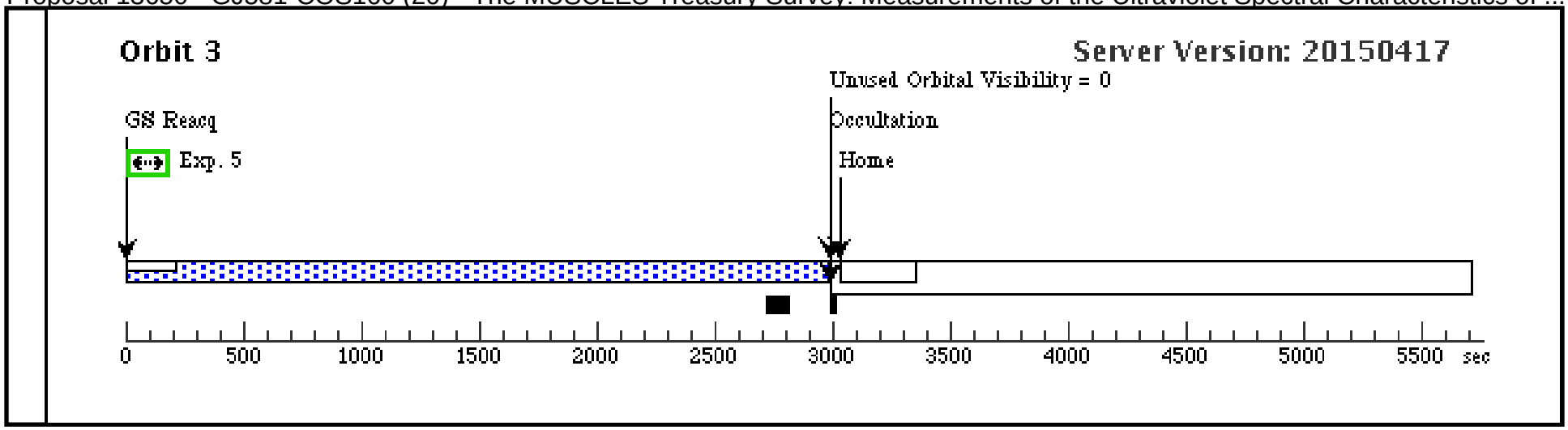
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617578)	(4) GJ581	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			136 Secs (136 Secs) *[==>]*	 ***[1]***
2	(COS.ta.617576)	(4) GJ581	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				36 Secs (36 Secs) *[==>]*	 ***[1]***
3	(COS.sp.616621)	(4) GJ581	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1362; FP-POS=1			1472 Secs (1472 Secs) *[==>]*	 ***[1]***
4	(COS.sp.616621)	(4) GJ581	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2601; FP-POS=3			2712 Secs (2712 Secs) *[==>]*	 ***[2]***
5	(COS.sp.616620)	(4) GJ581	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=2500; FP-POS=3			2747 Secs (2747 Secs) *[==>]*	 ***[2]***

Orbit Structure






Orbit 3
Server Version: 20150417
Unused Orbital Visibility = 0
GS Reacq
Occultation
Exp. 5
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ581-COS130 (21), scheduling Fri Jun 19 01:02:52 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 20 BY 0 D TO 1 D

Diagnostics

(GJ581-COS130 (21)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

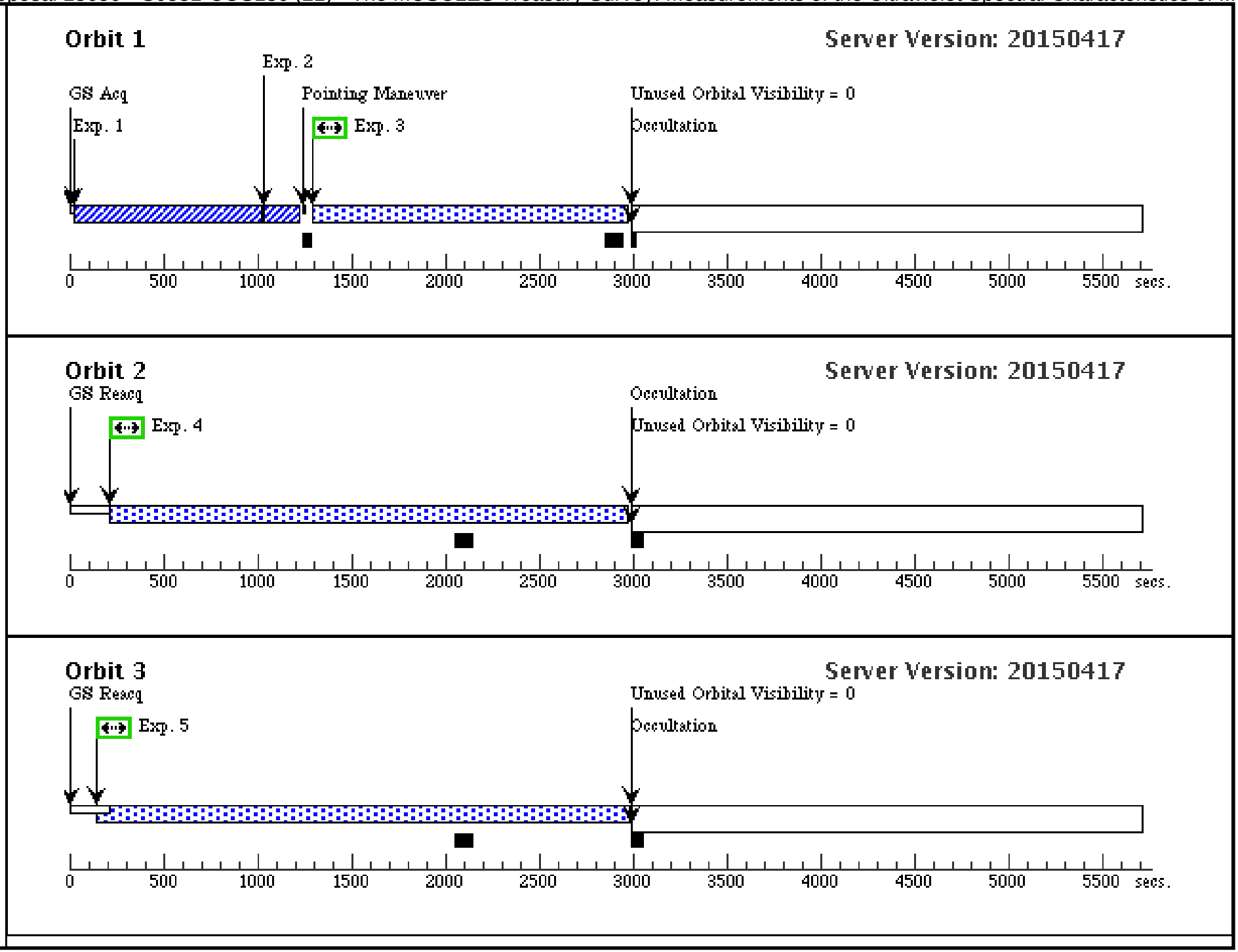
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	GJ581	RA: 15 19 26.8250 (229.8617708d) Dec: -07 43 20.21 (-7.72228d) Equinox: J2000	Proper Motion RA: -1224.55 mas/yr Proper Motion Dec: -99.51 mas/yr Parallax: 0.15952" Epoch of Position: 2000 Radial Velocity: -9.5 km/sec	V=10.567 (V-HO-LIB)	Reference Frame: ICRS

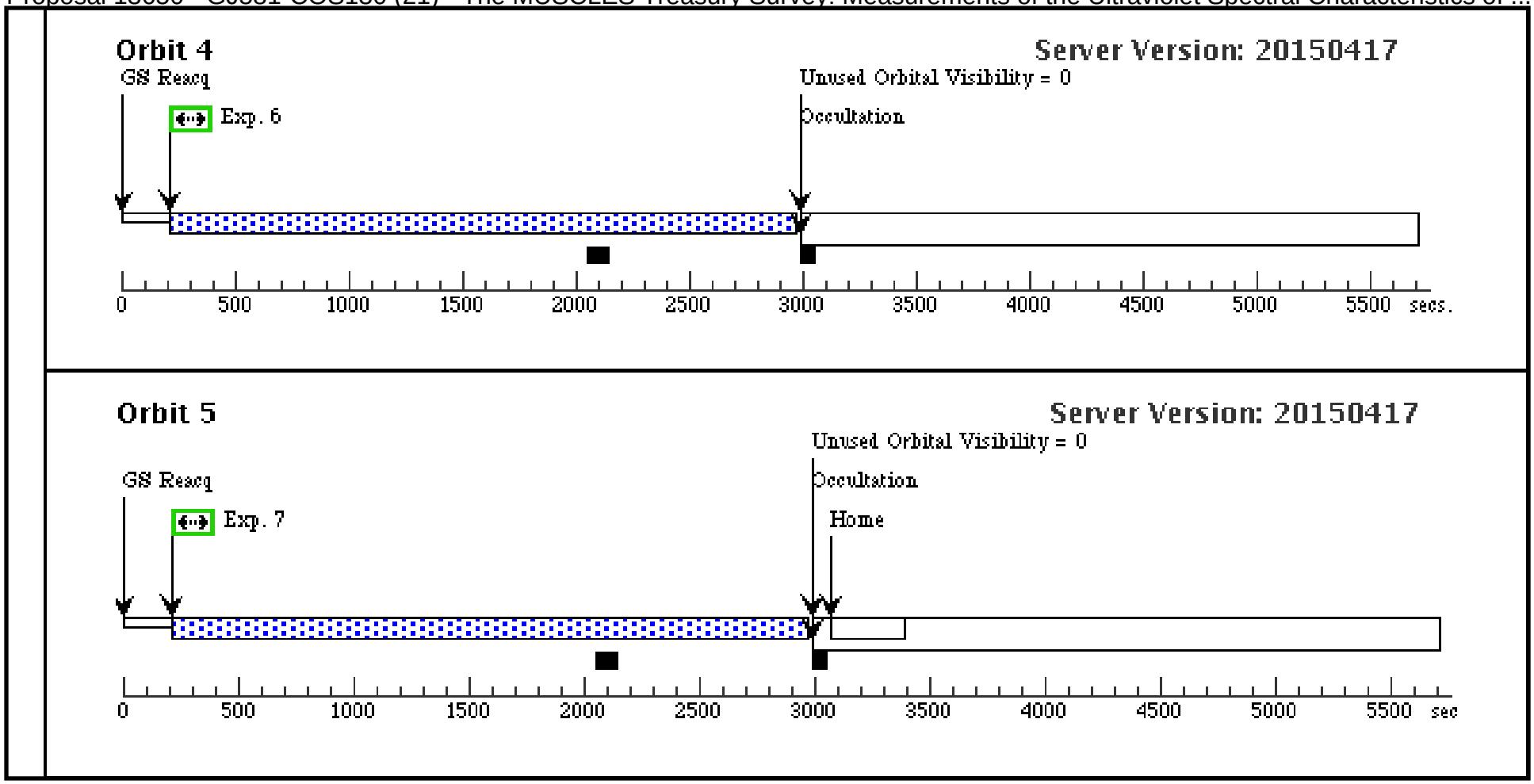
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. but the APT coordinates did not match the coordinates taht I found in Simbad on 06/2/6/14 - kf, and the target confirmation charts show the aperture missing the target. Reverting to successful Cycle 19(12464) coordinates and propoer motions.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617578)	(4) GJ581	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			136 Secs (136 Secs) *[==>]*	 ***[1]***
2	(COS.ta.617576)	(4) GJ581	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				36 Secs (36 Secs) *[==>]*	 ***[1]***
3	(COS.sp.616622)	(4) GJ581	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1408; FP-POS=1			1518 Secs (1518 Secs) *[==>]*	 ***[1]***
4	(COS.sp.616622)	(4) GJ581	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1800; FP-POS=2			2712 Secs (2712 Secs) *[==>]*	 ***[2]***
5	(COS.sp.616622)	(4) GJ581	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=2			2712 Secs (2712 Secs) *[==>]*	 ***[3]***
6	(COS.sp.616622)	(4) GJ581	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=3			2712 Secs (2712 Secs) *[==>]*	 ***[4]***
7	(COS.sp.616622)	(4) GJ581	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=4			2712 Secs (2712 Secs) *[==>]*	 ***[5]***

Orbit Structure




Orbit 4
Server Version: 20150417
GS Reacq
Exp. 6
Unused Orbital Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 5
Server Version: 20150417
Unused Orbital Visibility = 0
GS Reacq
Occultation
Exp. 7
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ667C-STIS (22), scheduling Fri Jun 19 01:02:52 GMT 2015

Diagnostic Status: No Diagnostics

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

Special Requirements: SCHED 100%

Fixed Targets

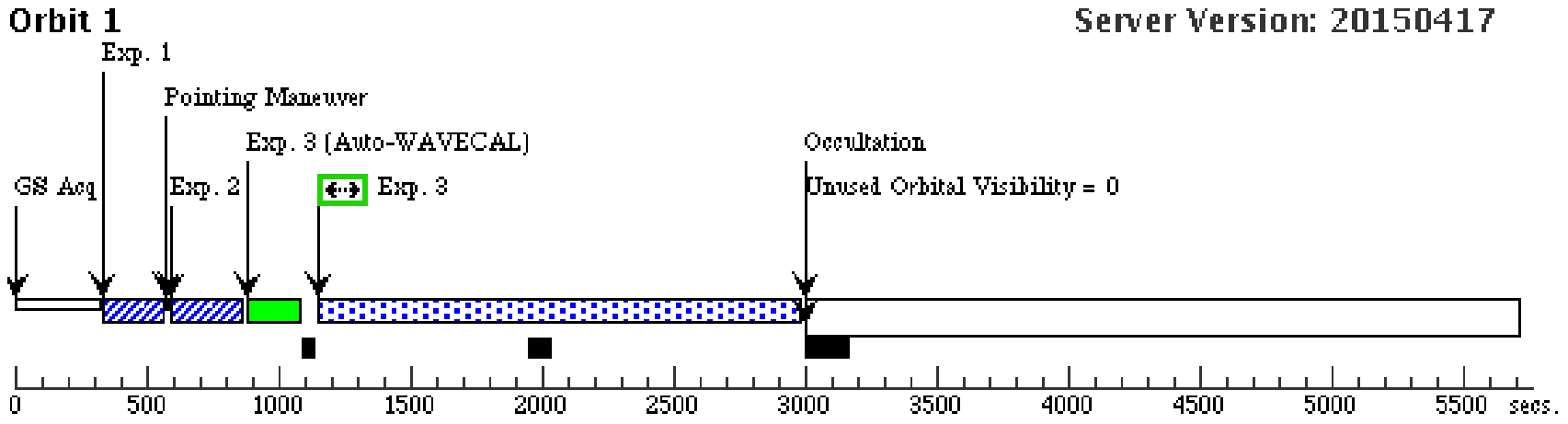
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	GJ667C	RA: 17 18 58.8380 (259.7451583d) Dec: -34 59 48.64 (-34.99684d) Equinox: J2000	Proper Motion RA: 1155.0 mas/yr Proper Motion Dec: -214.4 mas/yr Epoch of Position: 2000 Radial Velocity: 6.353 km/sec	V=10.22 (LHS-443)	Reference Frame: ICRS

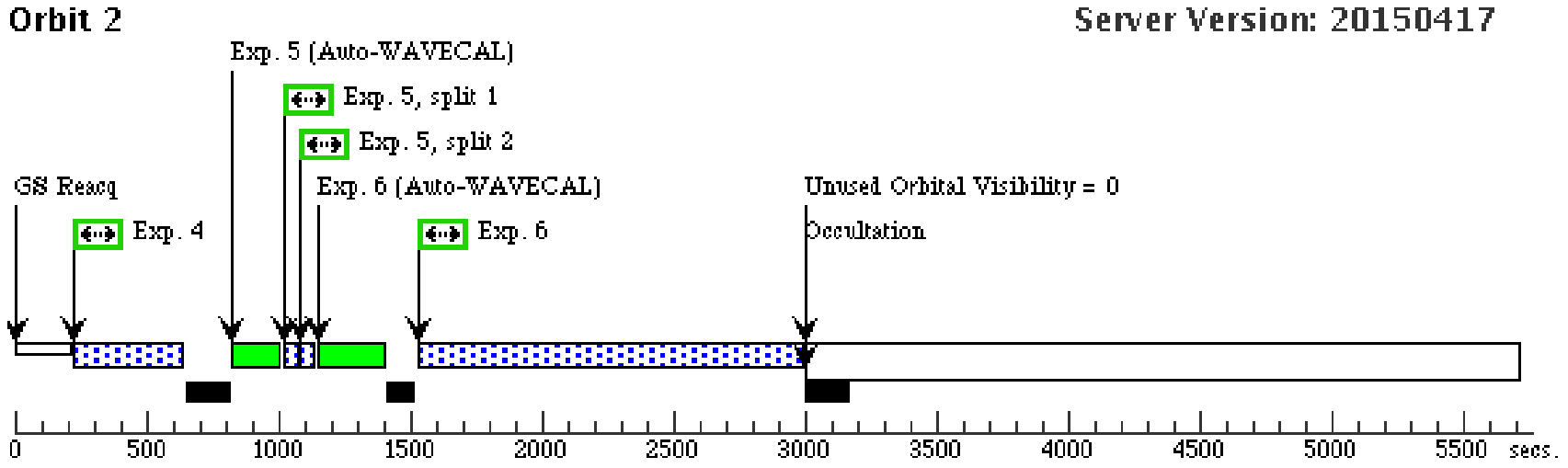
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

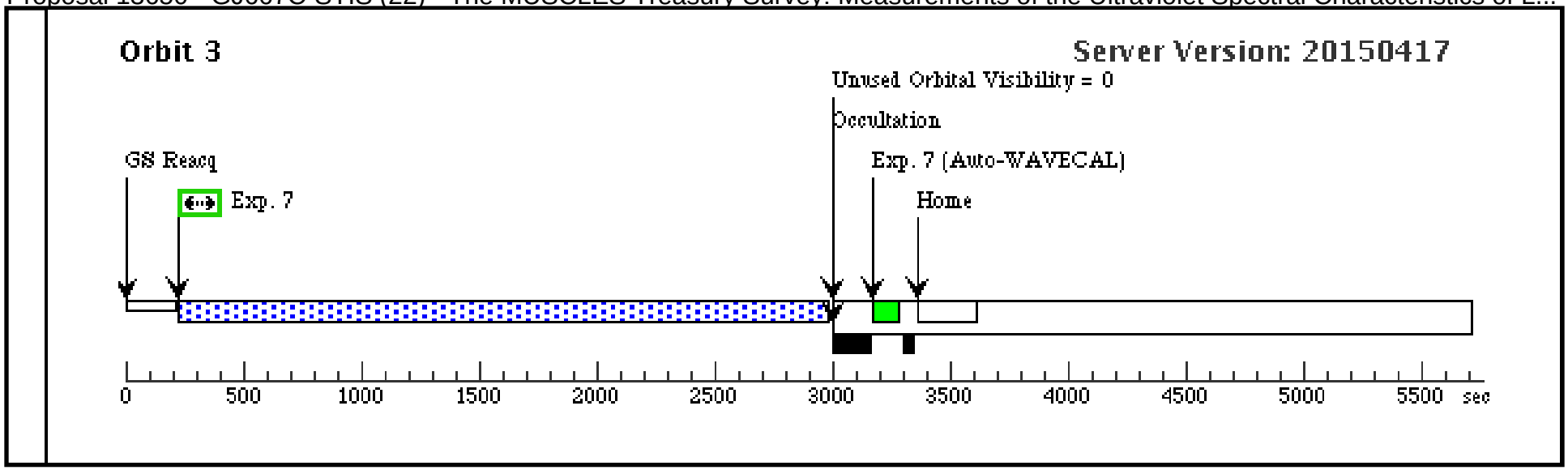
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.ta.617589)	(5) GJ667C	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
2	(STIS.ta.617590)	(5) GJ667C	STIS/CCD, ACQ/PEAK, 52X0.1	G430L 4300 A				0.1 Secs (0.1 Secs) *[==>]*	***[1]***
3	(STIS.sp.616617)	(5) GJ667C	STIS/NUV-MAMA, TIME-TAG, 52X0.1	G230L 2376 A	BUFFER-TIME=800			1819 Secs (1819 Secs) *[==>]*	***[1]***
4	(STIS.sp.616617)	(5) GJ667C	STIS/NUV-MAMA, TIME-TAG, 52X0.1	G230L 2376 A	BUFFER-TIME=390			400 Secs (400 Secs) *[==>]*	***[2]***
5	(STIS.sp.616616)	(5) GJ667C	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				30 Secs (30 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[2]***
6	(STIS.sp.616618)	(5) GJ667C	STIS/FUV-MAMA, TIME-TAG, 52X0.1	G140M 1222 A	BUFFER-TIME=1330			1440 Secs (1440 Secs) *[==>]*	***[2]***
7	(STIS.sp.616618)	(5) GJ667C	STIS/FUV-MAMA, TIME-TAG, 52X0.1	G140M 1222 A	BUFFER-TIME=2000			2748 Secs (2748 Secs) *[==>]*	***[3]***

Orbit Structure






Orbit 3
Server Version: 20150417
Unused Orbital Visibility = 0
Occultation
GS Reacq
Exp. 7
Exp. 7 (Auto-WAVECAL)
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ667C-COS160 (23), scheduling Fri Jun 19 01:02:52 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 22 BY 0 D TO 1.0 D

Diagnostics

(GJ667C-COS160 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(GJ667C-COS160 (23)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

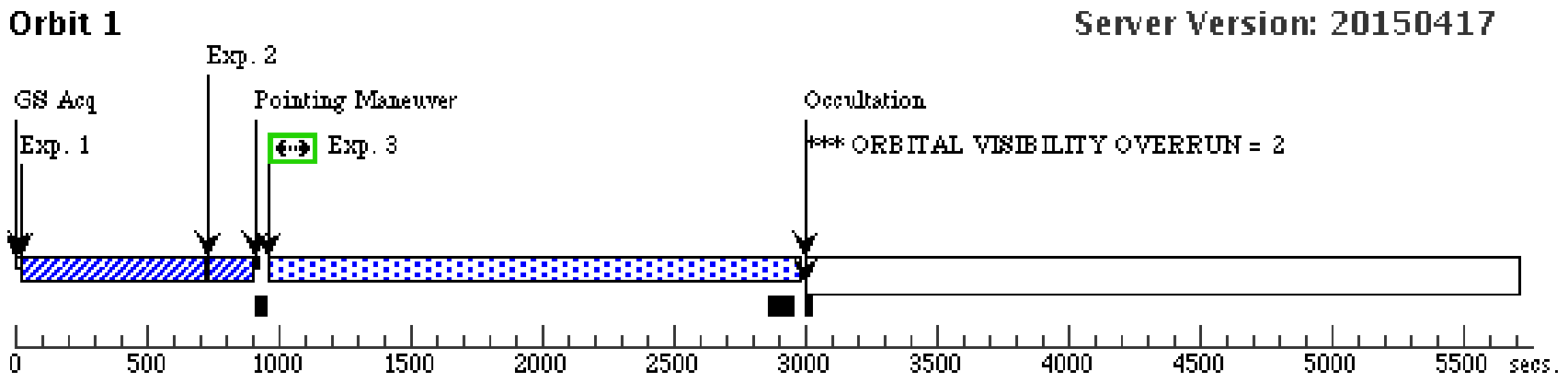
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	GJ667C	RA: 17 18 58.8380 (259.7451583d) Dec: -34 59 48.64 (-34.99684d) Equinox: J2000	Proper Motion RA: 1155.0 mas/yr Proper Motion Dec: -214.4 mas/yr Epoch of Position: 2000 Radial Velocity: 6.353 km/sec	V=10.22 (LHS-443)	Reference Frame: ICRS

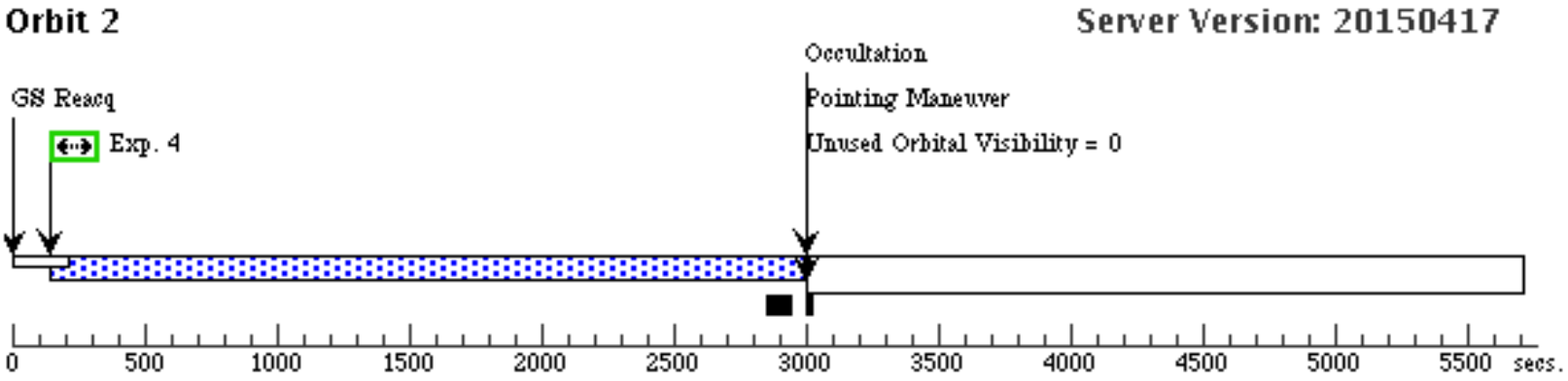
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

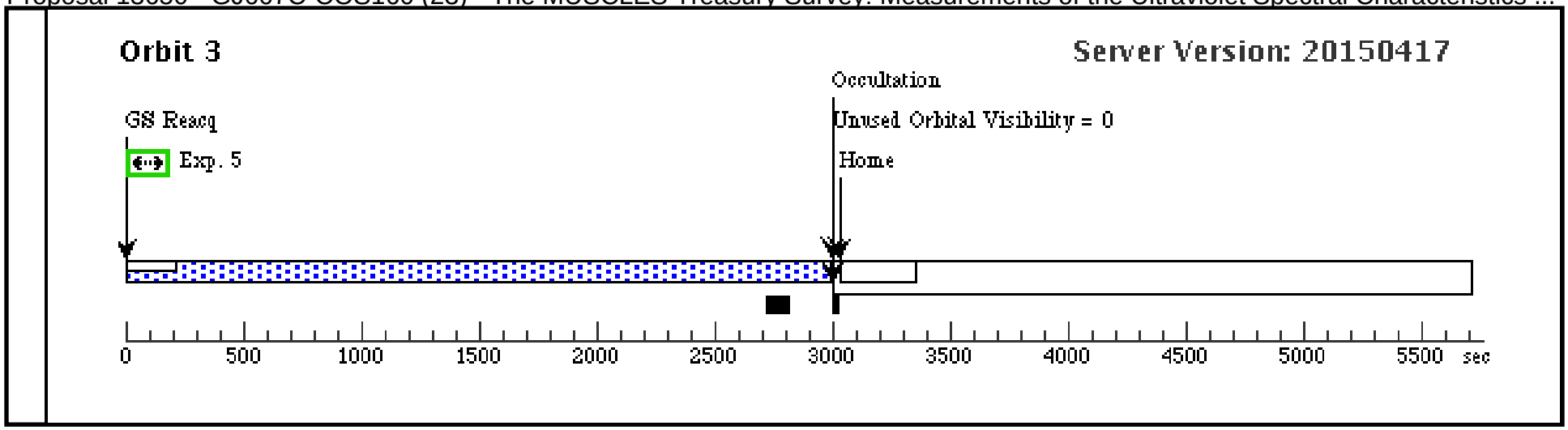
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617594)	(5) GJ667C	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			60 Secs (60 Secs) *[==>]*	 ***[1]***
2	(COS.ta.617593)	(5) GJ667C	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				23 Secs (23 Secs) *[==>]*	 ***[1]***
3	(COS.sp.616621)	(5) GJ667C	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1694; FP-POS=1			1804 Secs (1804 Secs) *[==>]*	 ***[1]***
4	(COS.sp.616621)	(5) GJ667C	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2601; FP-POS=3			2714 Secs (2714 Secs) *[==>]*	 ***[2]***
5	(COS.sp.616620)	(5) GJ667C	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=2500; FP-POS=3			2749 Secs (2749 Secs) *[==>]*	 ***[2]***

Orbit Structure






Orbit 3
Server Version: 20150417
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 5
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ667C-COS130 (24), scheduling Fri Jun 19 01:02:52 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 23 BY 0 D TO 1 D

Diagnostics

(GJ667C-COS130 (24)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

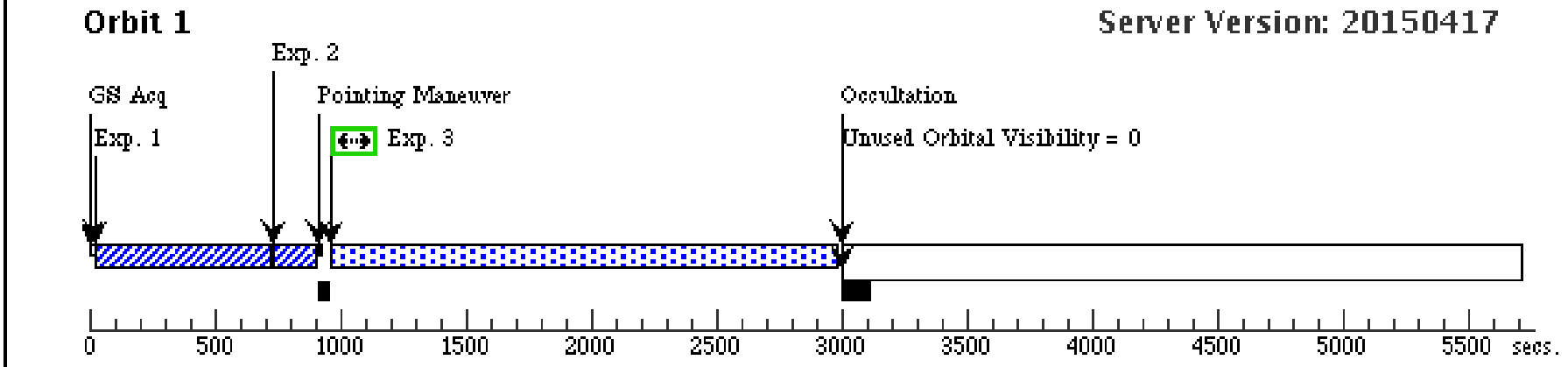
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	GJ667C	RA: 17 18 58.8380 (259.7451583d) Dec: -34 59 48.64 (-34.99684d) Equinox: J2000	Proper Motion RA: 1155.0 mas/yr Proper Motion Dec: -214.4 mas/yr Epoch of Position: 2000 Radial Velocity: 6.353 km/sec	V=10.22 (LHS-443)	Reference Frame: ICRS

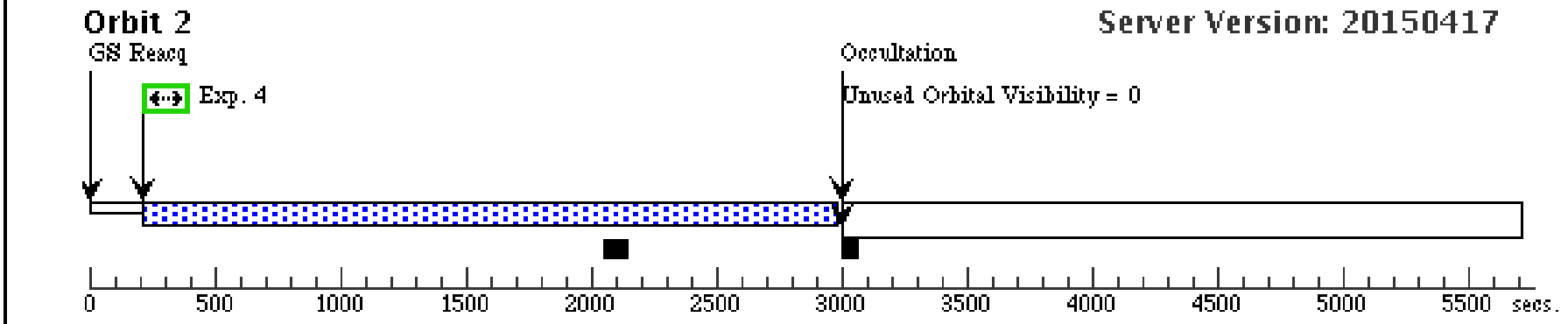
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

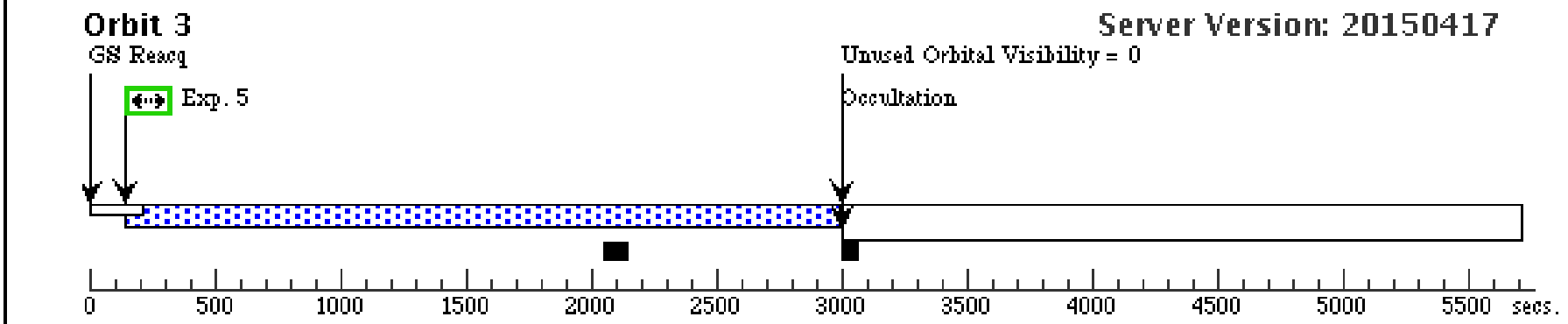
Exposures

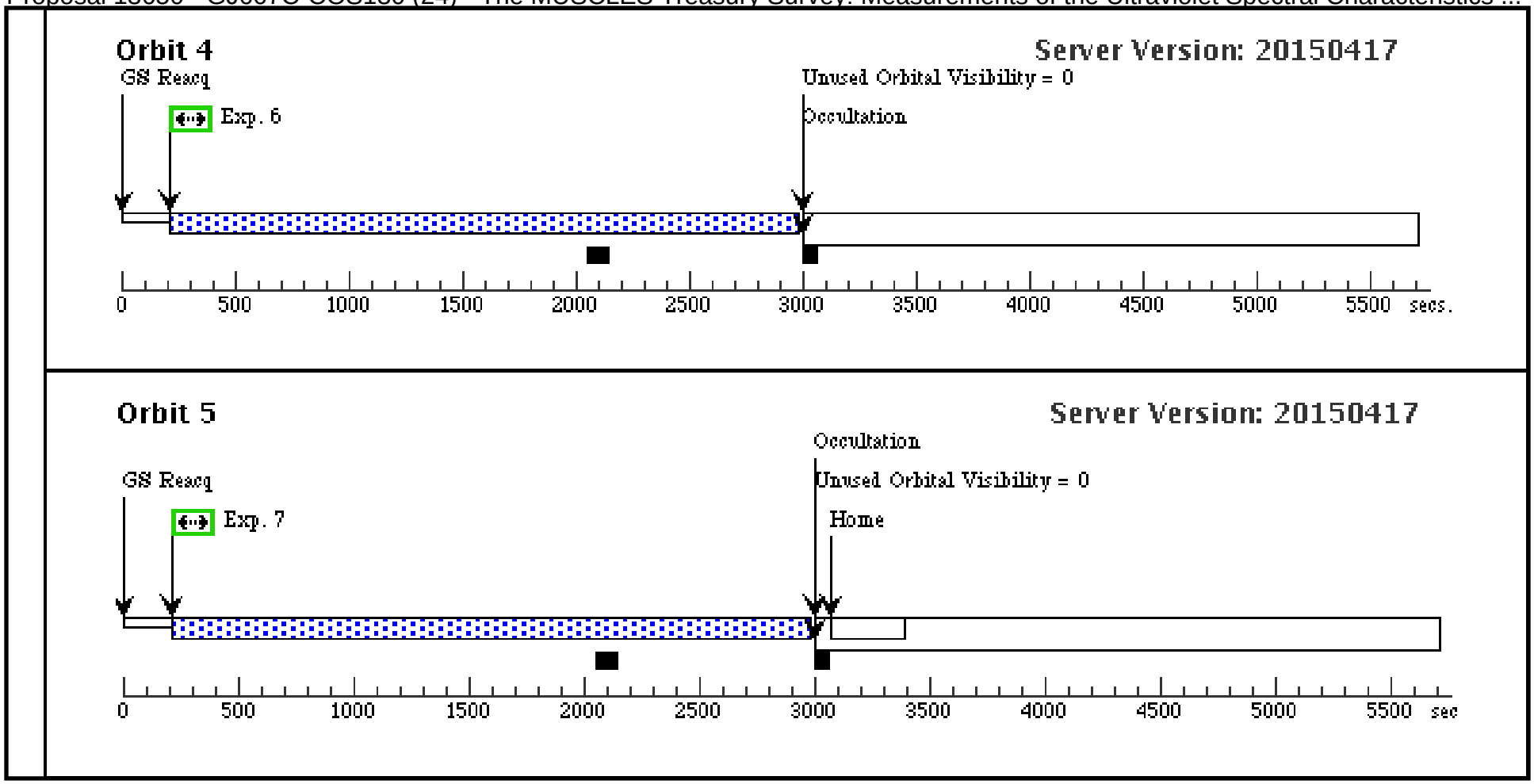
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617594)	(5) GJ667C	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			60 Secs (60 Secs) *[==>]*	*[1]*
2	(COS.ta.617593)	(5) GJ667C	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				23 Secs (23 Secs) *[==>]*	*[1]*
3	(COS.sp.616622)	(5) GJ667C	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1800; FP-POS=1			1850 Secs (1850 Secs) *[==>]*	*[1]*
4	(COS.sp.616622)	(5) GJ667C	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1800; FP-POS=2			2714 Secs (2714 Secs) *[==>]*	*[2]*
5	(COS.sp.616622)	(5) GJ667C	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=2			2714 Secs (2714 Secs) *[==>]*	*[3]*
6	(COS.sp.616622)	(5) GJ667C	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=3			2714 Secs (2714 Secs) *[==>]*	*[4]*
7	(COS.sp.616622)	(5) GJ667C	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=4			2714 Secs (2714 Secs) *[==>]*	*[5]*

Orbit Structure








Orbit 4
Server Version: 20150417
GS Reacq
Exp. 6
Unused Orbital Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 5
Server Version: 20150417
Occultation
GS Reacq
Exp. 7
Unused Orbital Visibility = 0
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ176-STIS (25), completed Fri Jun 19 01:02:53 GMT 2015

Diagnostic Status: No Diagnostics

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

Special Requirements: SCHED 100%

Comments: This needs to go as closely as possible to visits 26 & 27. 062.01:20:57 - 08:37:45 is a tested spot.

Fixed Targets

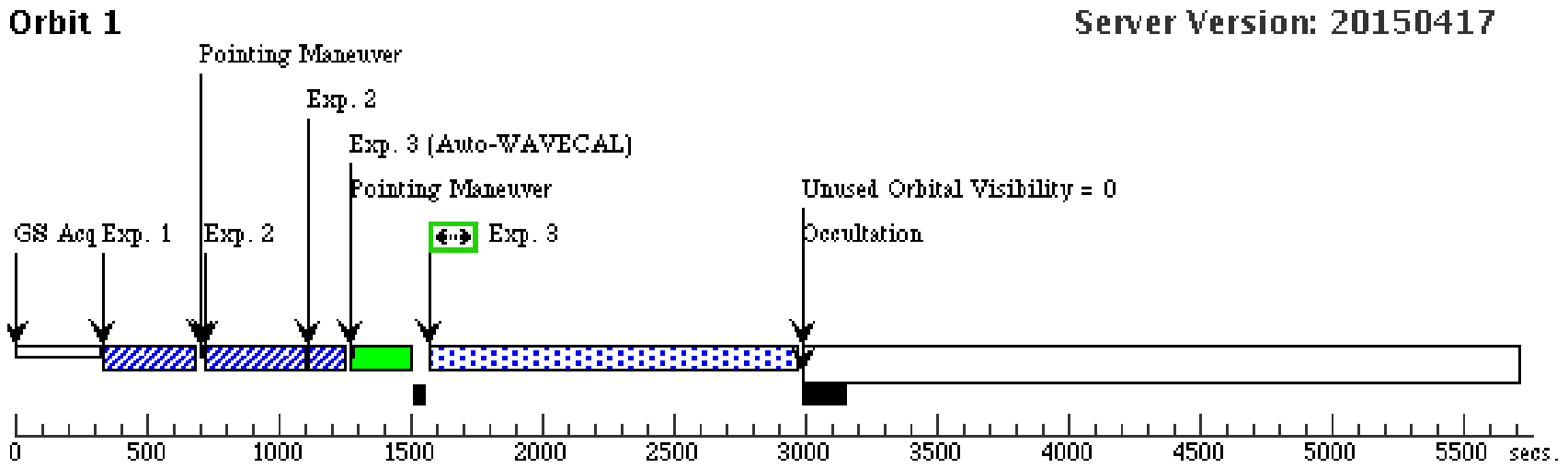
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	GJ176	RA: 04 42 55.7750 (70.7323958d) Dec: +18 57 29.40 (18.95817d) Equinox: J2000	Proper Motion RA: 656.85 mas/yr Proper Motion Dec: -1116.20 mas/yr Parallax: 0.10783" Epoch of Position: 2000 Radial Velocity: 26.41 km/sec	V=9.951 (LHS-196)	Reference Frame: ICRS

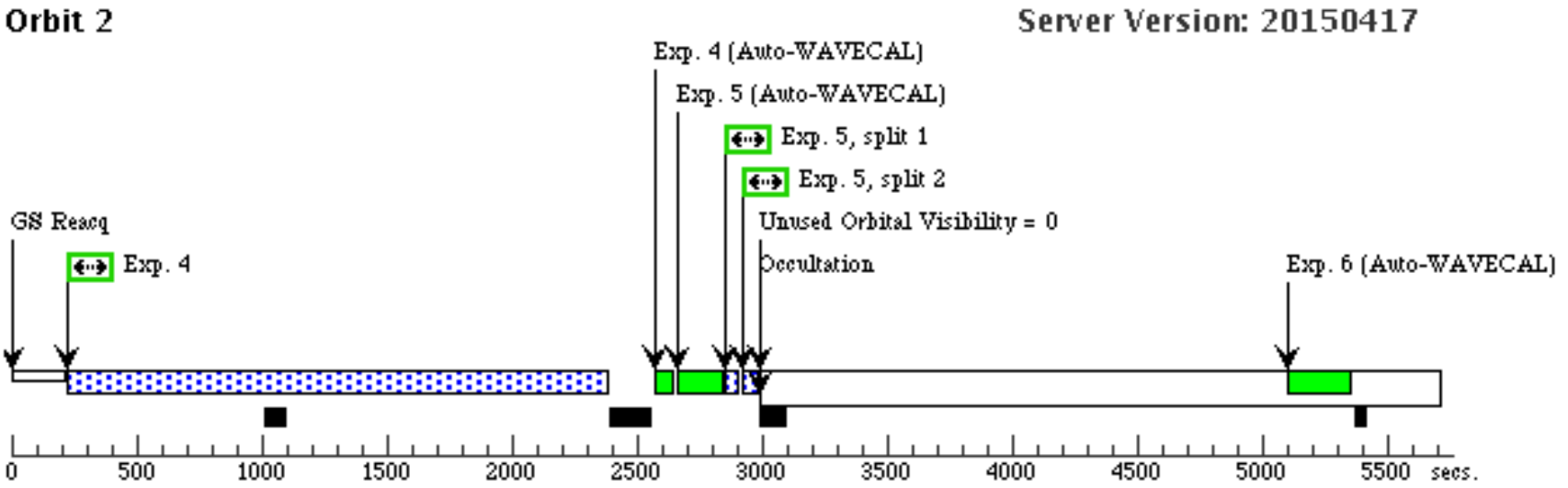
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

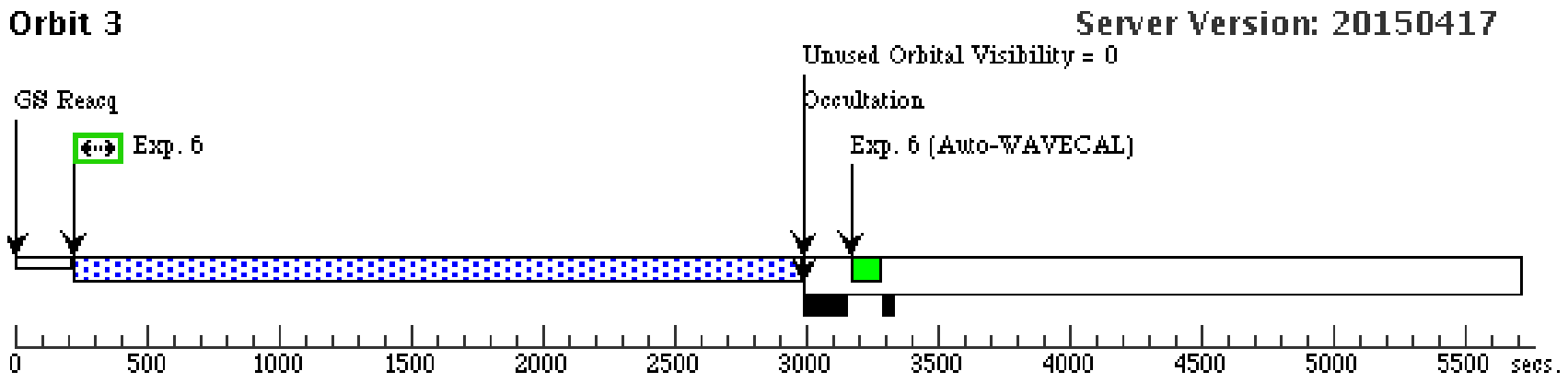
Exposures

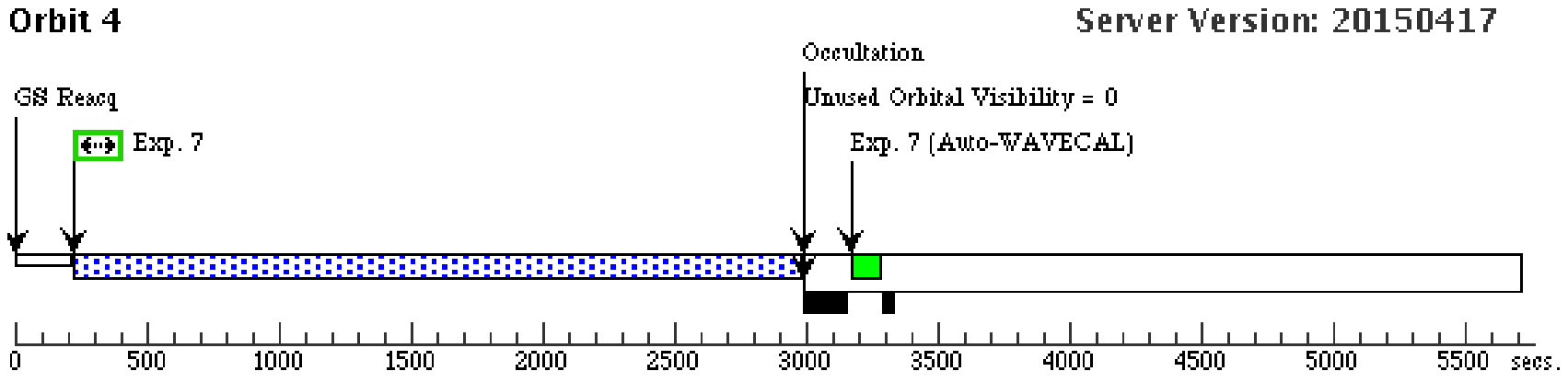
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.ta.617601)	(6) GJ176	STIS/CCD, ACQ, F28X50OII	MIRROR				24 Secs (24 Secs) *[==>]*	 ***[1]***
2	(STIS.ta.617603)	(6) GJ176	STIS/CCD, ACQ/PEAK, 0.2X0.05ND	G430L 4300 A				1.9 Secs (1.9 Secs) *[==>]*	 ***[1]***
3	(STIS.sp.616627)	(6) GJ176	STIS/NUV-MAMA, TIME-TAG, 52X0.1	G230L 2376 A	BUFFER-TIME=800			1391 Secs (1391 Secs) *[==>]*	 ***[1]***
4	(STIS.sp.616627)	(6) GJ176	STIS/NUV-MAMA, TIME-TAG, 52X0.1	G230L 2376 A	BUFFER-TIME=800			2149 Secs (2149 Secs) *[==>]*	 ***[2]***
5	(STIS.sp.616629)	(6) GJ176	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				40 Secs (40 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	 ***[2]***
6	(STIS.sp.616626)	(6) GJ176	STIS/FUV-MAMA, TIME-TAG, 52X0.1	G140M 1222 A	BUFFER-TIME=2000			2743 Secs (2743 Secs) *[==>]*	 ***[3]***
7	(STIS.sp.616626)	(6) GJ176	STIS/FUV-MAMA, TIME-TAG, 52X0.1	G140M 1222 A	BUFFER-TIME=2000			2743 Secs (2743 Secs) *[==>]*	 ***[4]***
8	(STIS.sp.616626)	(6) GJ176	STIS/FUV-MAMA, TIME-TAG, 52X0.1	G140M 1222 A	BUFFER-TIME=2000			2743 Secs (2743 Secs) *[==>]*	 ***[5]***

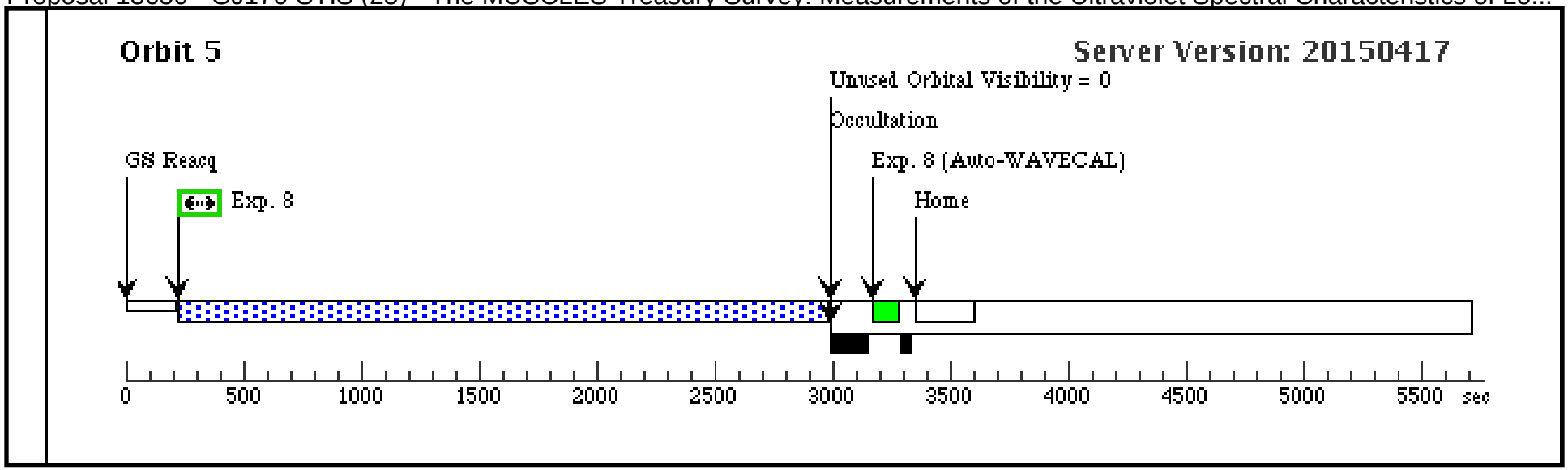
Orbit Structure






Orbit 3
Server Version: 20150417
Unused Orbital Visibility = 0
GS Reacq
Occultation
Exp. 6
Exp. 6 (Auto-WAVECAL)
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.


Orbit 4
Server Version: 20150417
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 7
Exp. 7 (Auto-WAVECAL)
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.


Orbit 5
Server Version: 20150417
Unused Orbital Visibility = 0
Occultation
GS Reacq
Exp. 8
Exp. 8 (Auto-WAVECAL)
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ176-COS160 (26), completed Fri Jun 19 01:02:53 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%

Comments: 2015.058:03 - 2015:058:09 This is CHANDRA coordinated and needs to go in this window. Visit 26 has priority over visit 25.

Diagnostics

(GJ176-COS160 (26)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(GJ176-COS160 (26)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

(GJ176-COS160 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

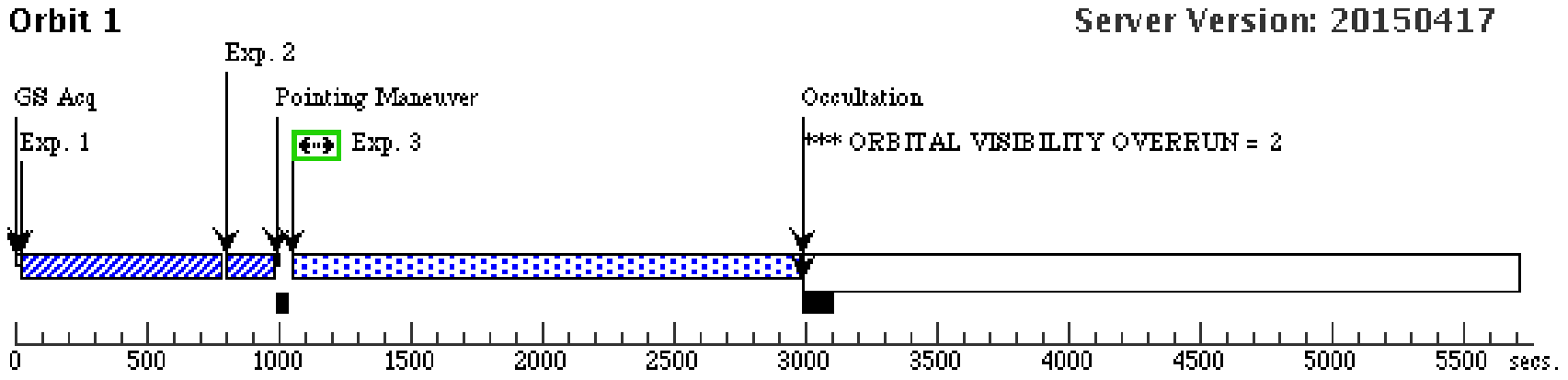
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	GJ176	RA: 04 42 55.7750 (70.7323958d) Dec: +18 57 29.40 (18.95817d) Equinox: J2000	Proper Motion RA: 656.85 mas/yr Proper Motion Dec: -1116.20 mas/yr Parallax: 0.10783" Epoch of Position: 2000 Radial Velocity: 26.41 km/sec	V=9.951 (LHS-196)	Reference Frame: ICRS

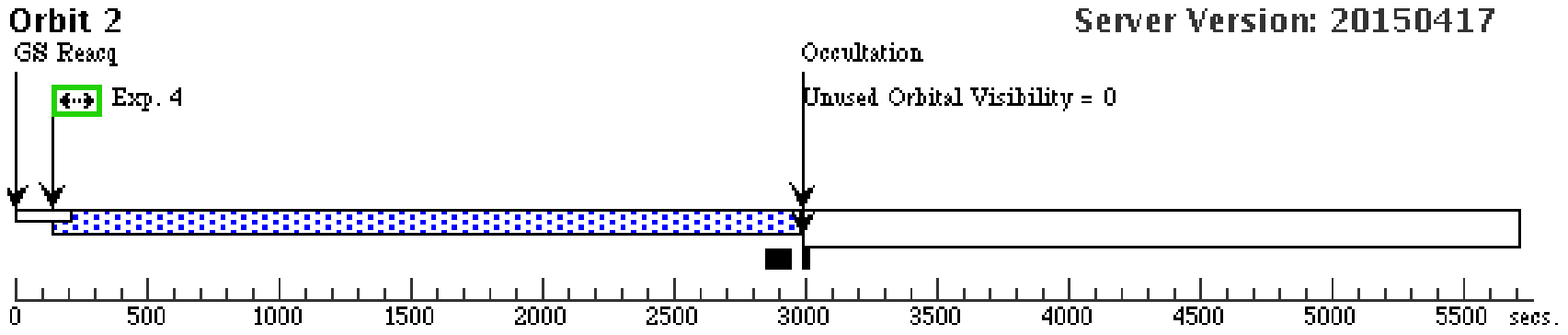
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

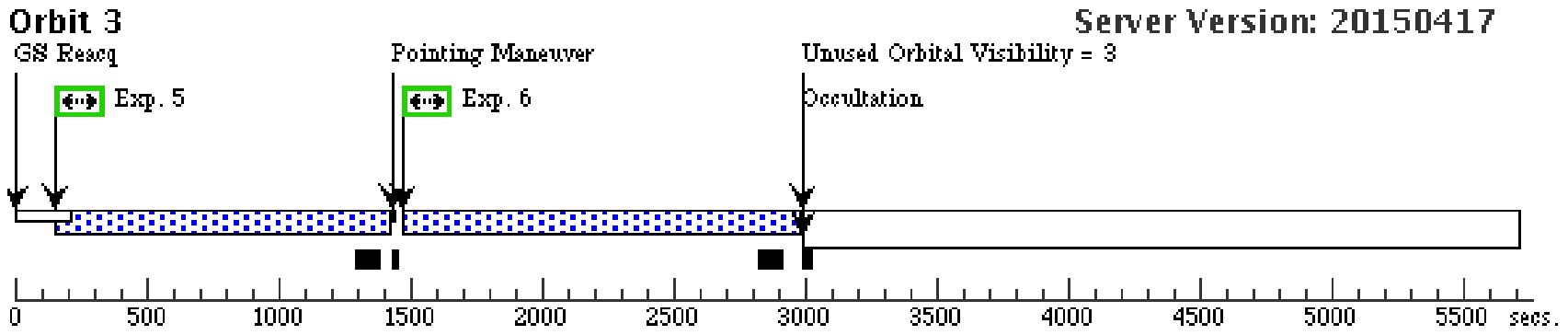
Exposures

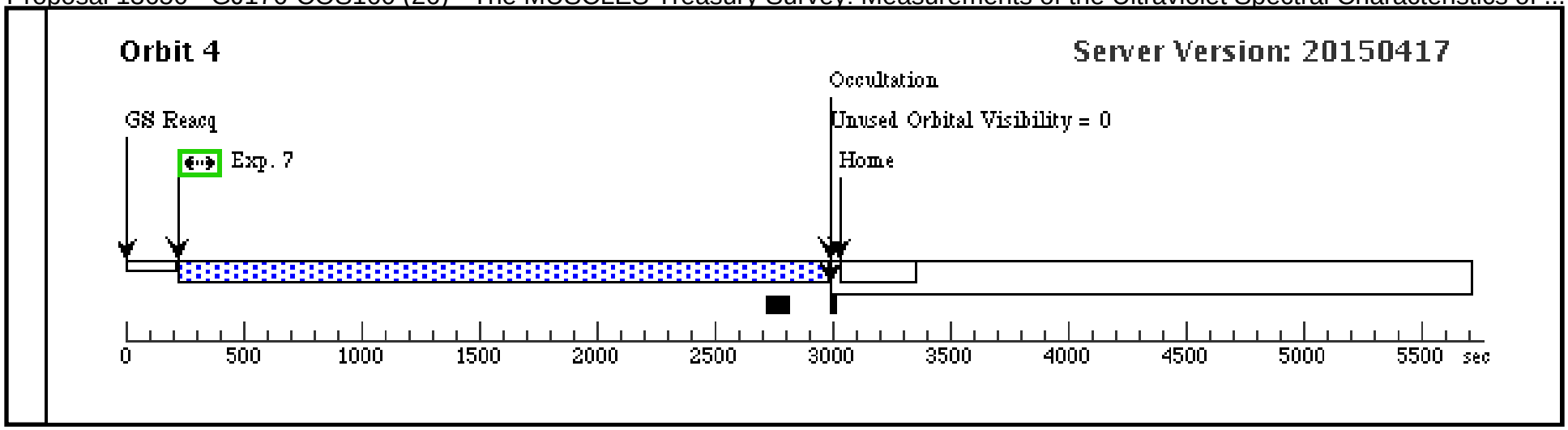
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617599)	(6) GJ176	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			77 Secs (77 Secs) *[==>]*	***[1]***
2	(COS.ta.617598)	(6) GJ176	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				30 Secs (30 Secs) *[==>]*	***[1]***
3	(COS.sp.616624)	(6) GJ176	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1700; FP-POS=1			1717 Secs (1717 Secs) *[==>]*	***[1]***
4	(COS.sp.616624)	(6) GJ176	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2601; FP-POS=4			2709 Secs (2709 Secs) *[==>]*	***[2]***
5	(COS.sp.616624)	(6) GJ176	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=1037; FP-POS=3			1147 Secs (1147 Secs) *[==>]*	***[3]***
6	(COS.sp.616625)	(6) GJ176	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=1090; FP-POS=3			1229 Secs (1229 Secs) *[==>]*	***[3]***
7	(COS.sp.616625)	(6) GJ176	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=2500; FP-POS=3			2746 Secs (2746 Secs) *[==>]*	***[4]***

Orbit Structure








Orbit 4
Server Version: 20150417
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 7
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ176-COS130 (27), completed Fri Jun 19 01:02:53 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 26 BY 0 D TO 3 D

Comments: 2015.061:03:05 - 061:10:20 This is Chandra coordinated and needs to go in this window. Visits 26&27 have priority over Visit 25.

Diagnostics

(GJ176-COS130 (27)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

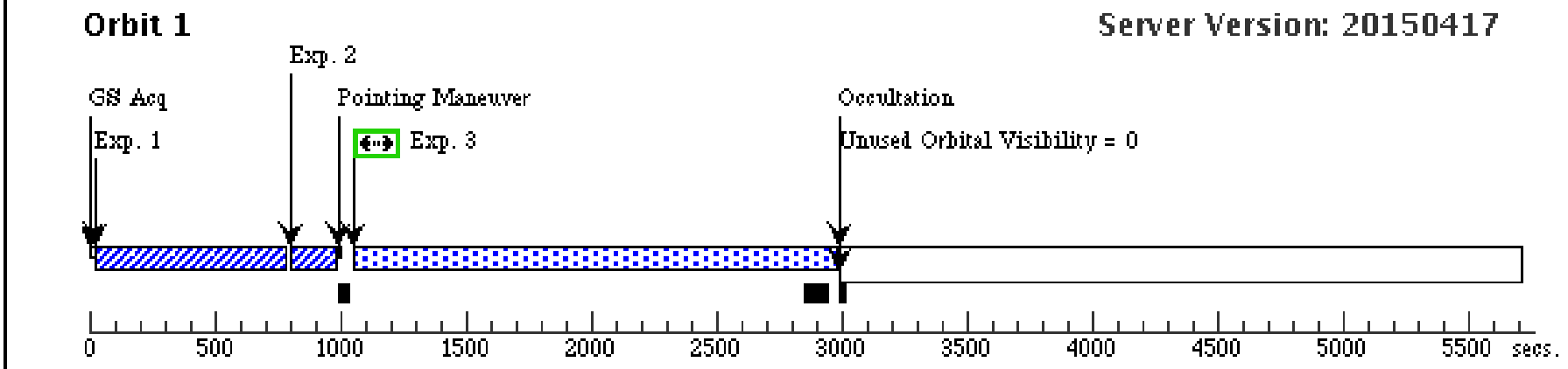
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	GJ176	RA: 04 42 55.7750 (70.7323958d) Dec: +18 57 29.40 (18.95817d) Equinox: J2000	Proper Motion RA: 656.85 mas/yr Proper Motion Dec: -1116.20 mas/yr Parallax: 0.10783" Epoch of Position: 2000 Radial Velocity: 26.41 km/sec	V=9.951 (LHS-196)	Reference Frame: ICRS

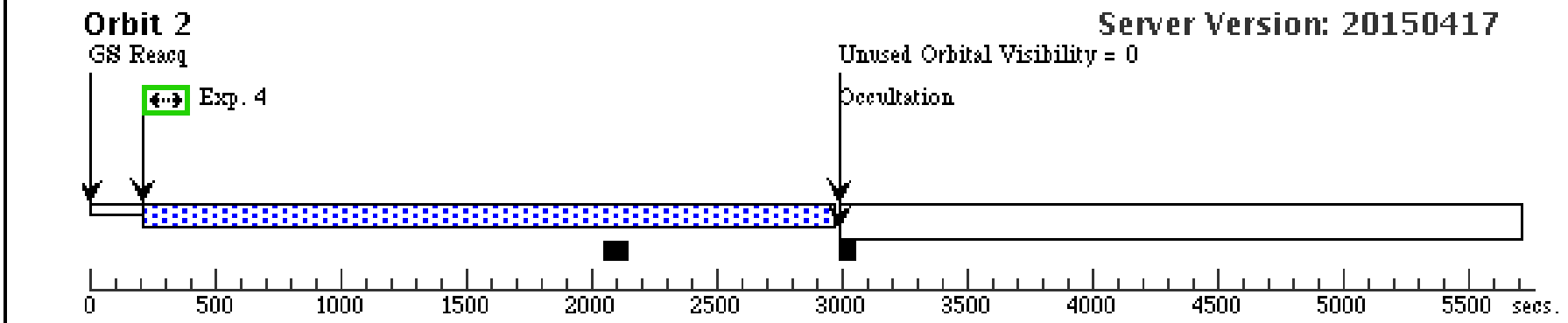
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

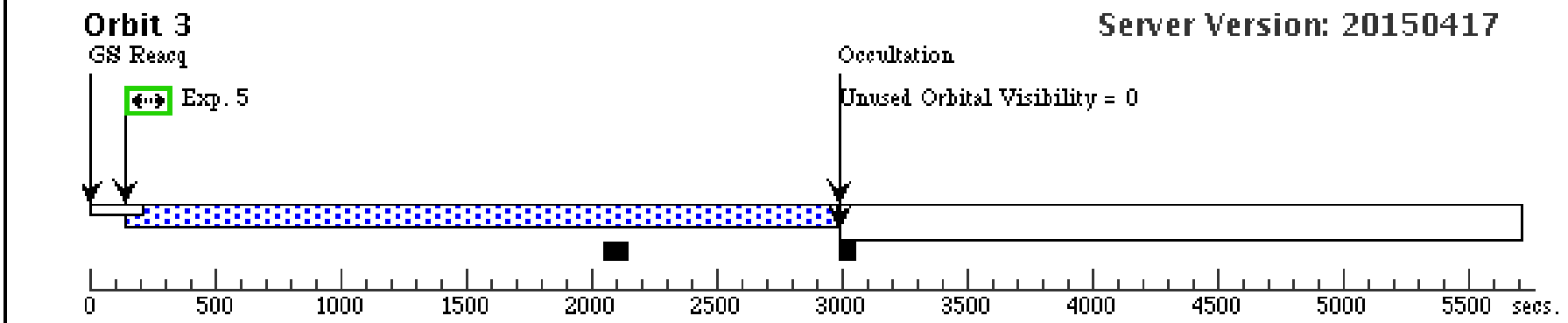
Exposures

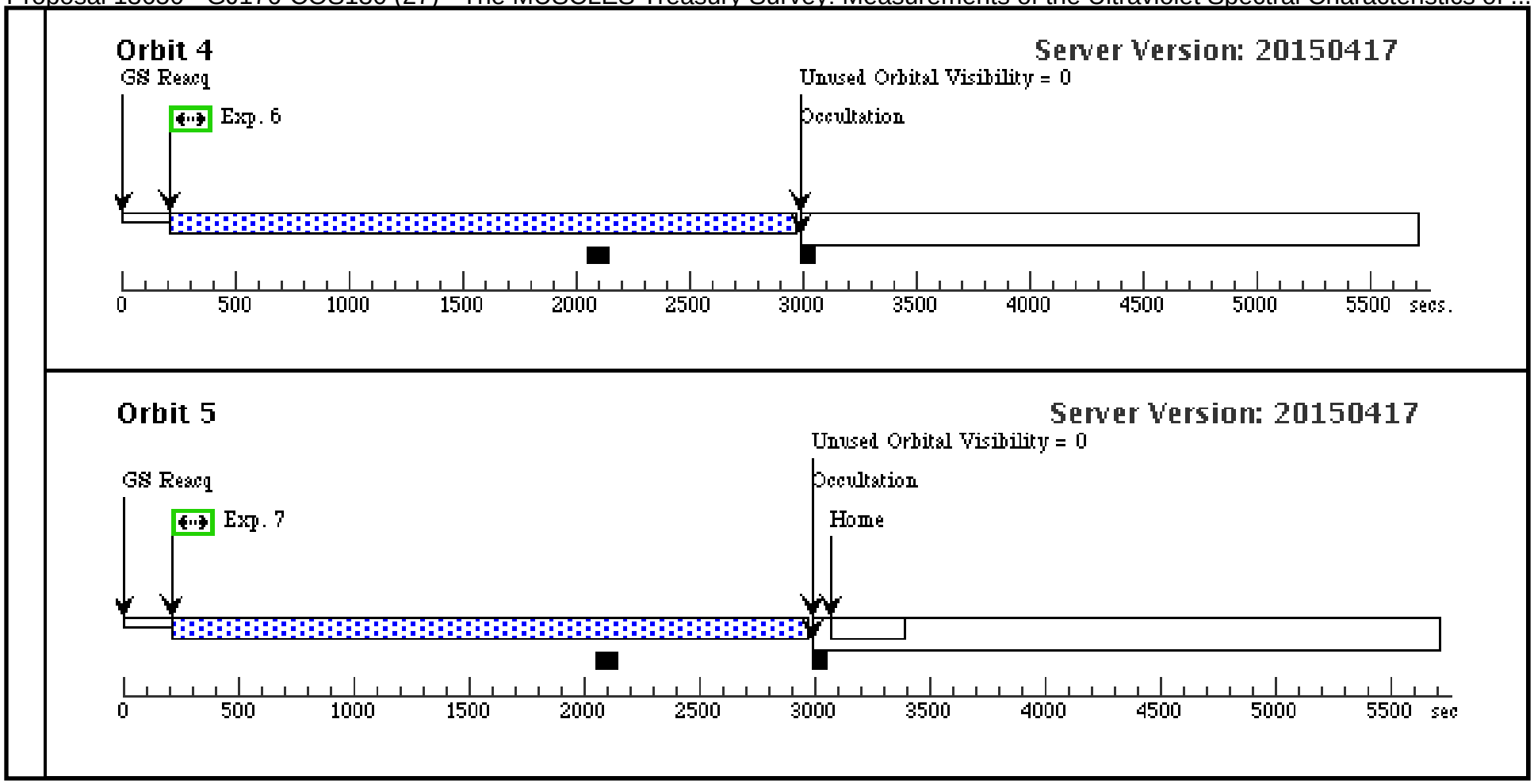
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617599)	(6) GJ176	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			77 Secs (77 Secs) *[==>]*	***[1]***
2	(COS.ta.617598)	(6) GJ176	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				30 Secs (30 Secs) *[==>]*	***[1]***
3	(COS.sp.616623)	(6) GJ176	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1653; FP-POS=1			1763 Secs (1763 Secs) *[==>]*	***[1]***
4	(COS.sp.616623)	(6) GJ176	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1800; FP-POS=2			2709 Secs (2709 Secs) *[==>]*	***[2]***
5	(COS.sp.616623)	(6) GJ176	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=2			2709 Secs (2709 Secs) *[==>]*	***[3]***
6	(COS.sp.616623)	(6) GJ176	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=3			2709 Secs (2709 Secs) *[==>]*	***[4]***
7	(COS.sp.616623)	(6) GJ176	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=4			2709 Secs (2709 Secs) *[==>]*	***[5]***

Orbit Structure








Orbit 4
Server Version: 20150417
GS Reacq
Exp. 6
Unused Orbital Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 5
Server Version: 20150417
Unused Orbital Visibility = 0
GS Reacq
Occultation
Exp. 7
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ436-STIS (28), scheduled Fri Jun 19 01:02:53 GMT 2015

Diagnostic Status: No Diagnostics

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

Special Requirements: SCHED 100%

Fixed Targets

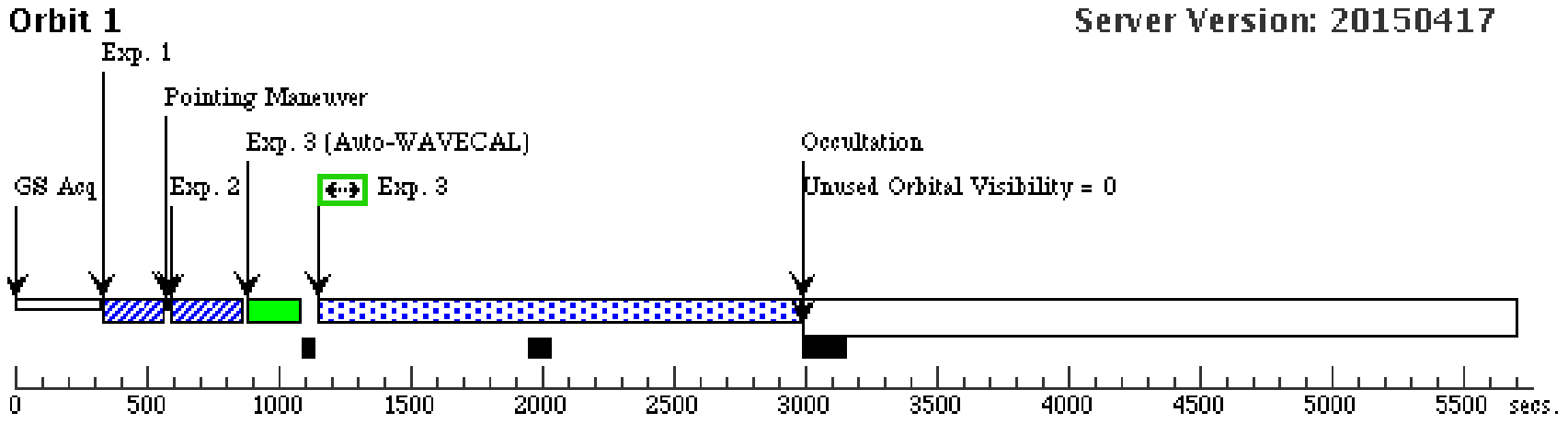
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	GJ436	RA: 11 42 11.0937 (175.5462238d) Dec: +26 42 23.65 (26.70657d) Equinox: J2000	Proper Motion RA: 896.07 mas/yr Proper Motion Dec: -813.54 mas/yr Parallax: 0.09861" Epoch of Position: 2000 Radial Velocity: 9.61 km/sec	V=10.68 (LHS-310)	Reference Frame: ICRS

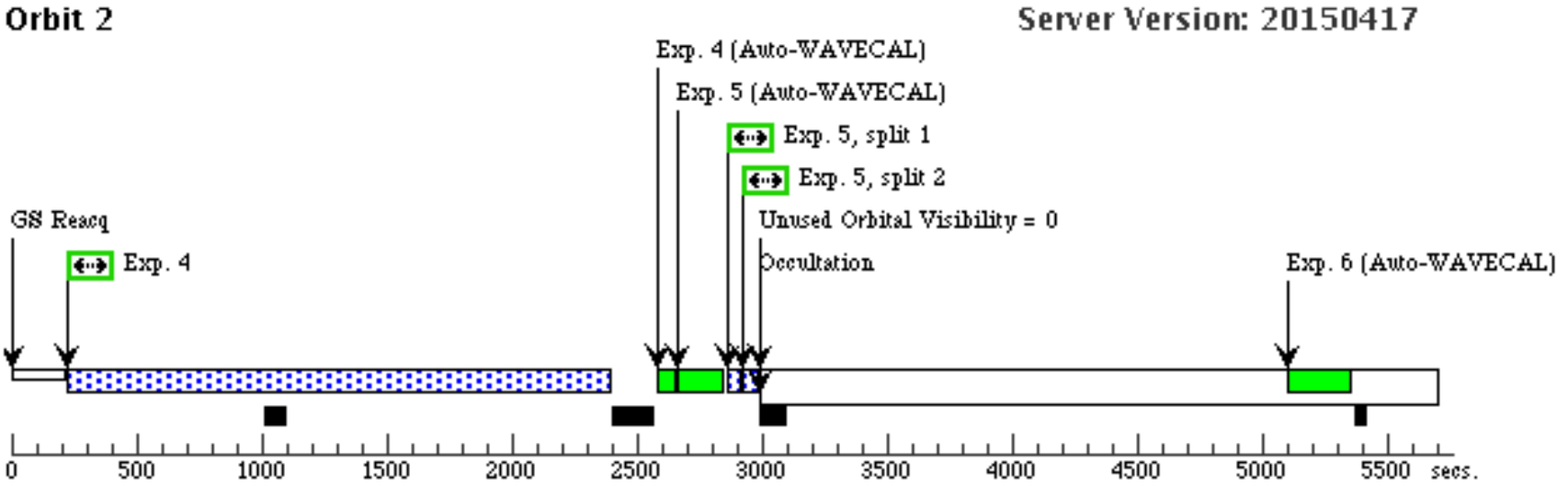
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Coords differ from what Simbad has - 06/26/14 - kf. I reverted to the coordinates used in Cycle 19 (12464) and the target confirmation chart showed better centered agreement between the pink cross and the stellar image.

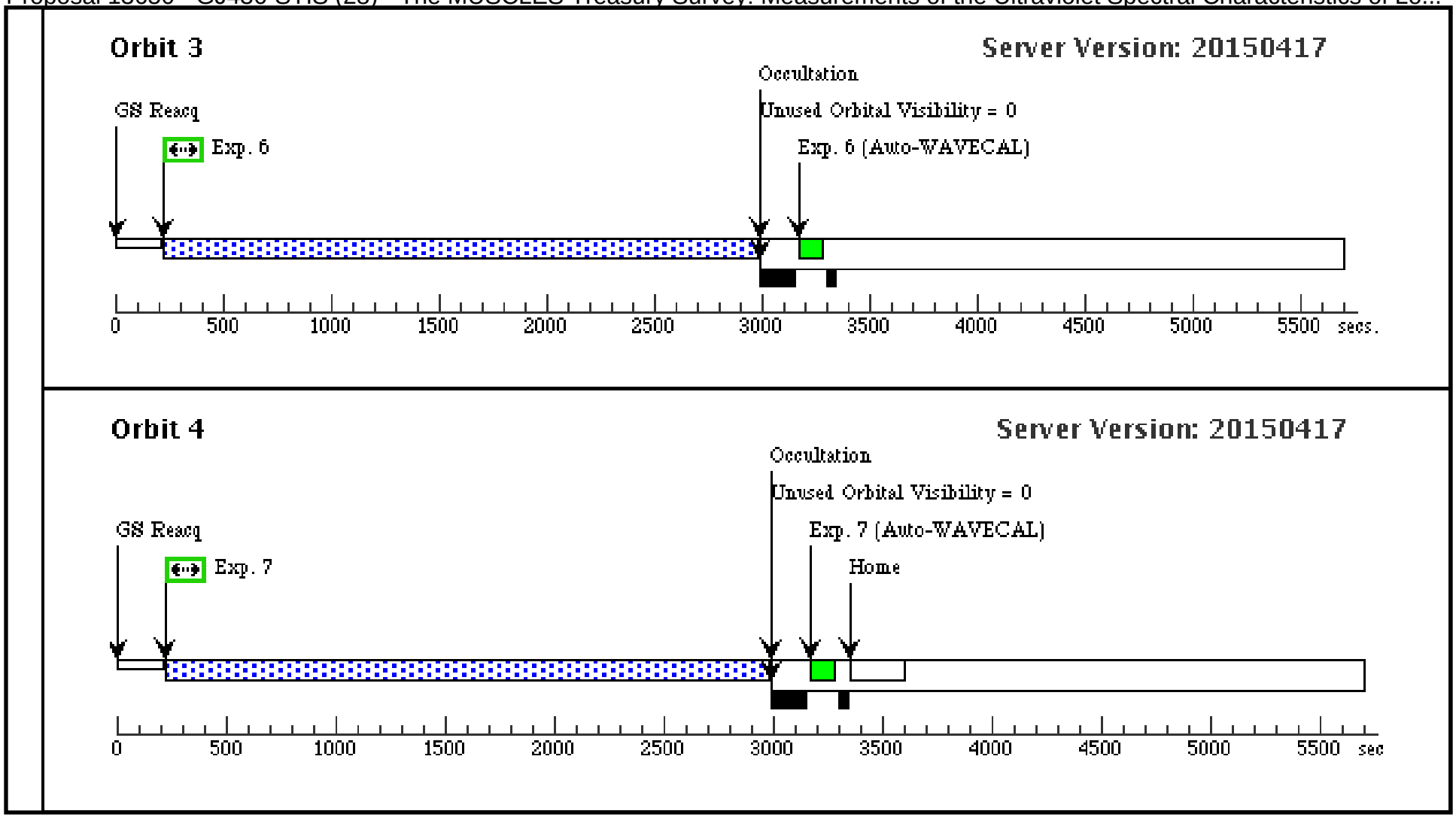
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.ta.617616)	(7) GJ436	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) *[==>]*	 ***[1]***
2	(STIS.ta.617617)	(7) GJ436	STIS/CCD, ACQ/PEAK, 52X0.1	G430L 4300 A				0.1 Secs (0.1 Secs) *[==>]*	 ***[1]***
3	(STIS.sp.616627)	(7) GJ436	STIS/NUV-MAMA, TIME-TAG, 52X0.1	G230L 2376 A	BUFFER-TIME=800			1818 Secs (1818 Secs) *[==>]*	 ***[1]***
4	(STIS.sp.616627)	(7) GJ436	STIS/NUV-MAMA, TIME-TAG, 52X0.1	G230L 2376 A	BUFFER-TIME=800			2153 Secs (2153 Secs) *[==>]*	 ***[2]***
5	(STIS.sp.616629)	(7) GJ436	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				40 Secs (40 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	 ***[2]***
6	(STIS.sp.616626)	(7) GJ436	STIS/FUV-MAMA, TIME-TAG, 52X0.1	G140M 1222 A	BUFFER-TIME=2000			2747 Secs (2747 Secs) *[==>]*	 ***[3]***
7	(STIS.sp.616626)	(7) GJ436	STIS/FUV-MAMA, TIME-TAG, 52X0.1	G140M 1222 A	BUFFER-TIME=2000			2747 Secs (2747 Secs) *[==>]*	 ***[4]***

Orbit Structure






Orbit 3
Server Version: 20150417
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 6
Exp. 6 (Auto-WAVECAL)
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 4
Server Version: 20150417
Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 7 (Auto-WAVECAL)
Exp. 7
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ436-COS160 (29), scheduled Fri Jun 19 01:02:53 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 28 BY 0 D TO 1.0 D

Diagnostics

(GJ436-COS160 (29)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

(GJ436-COS160 (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(GJ436-COS160 (29)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

Fixed Targets

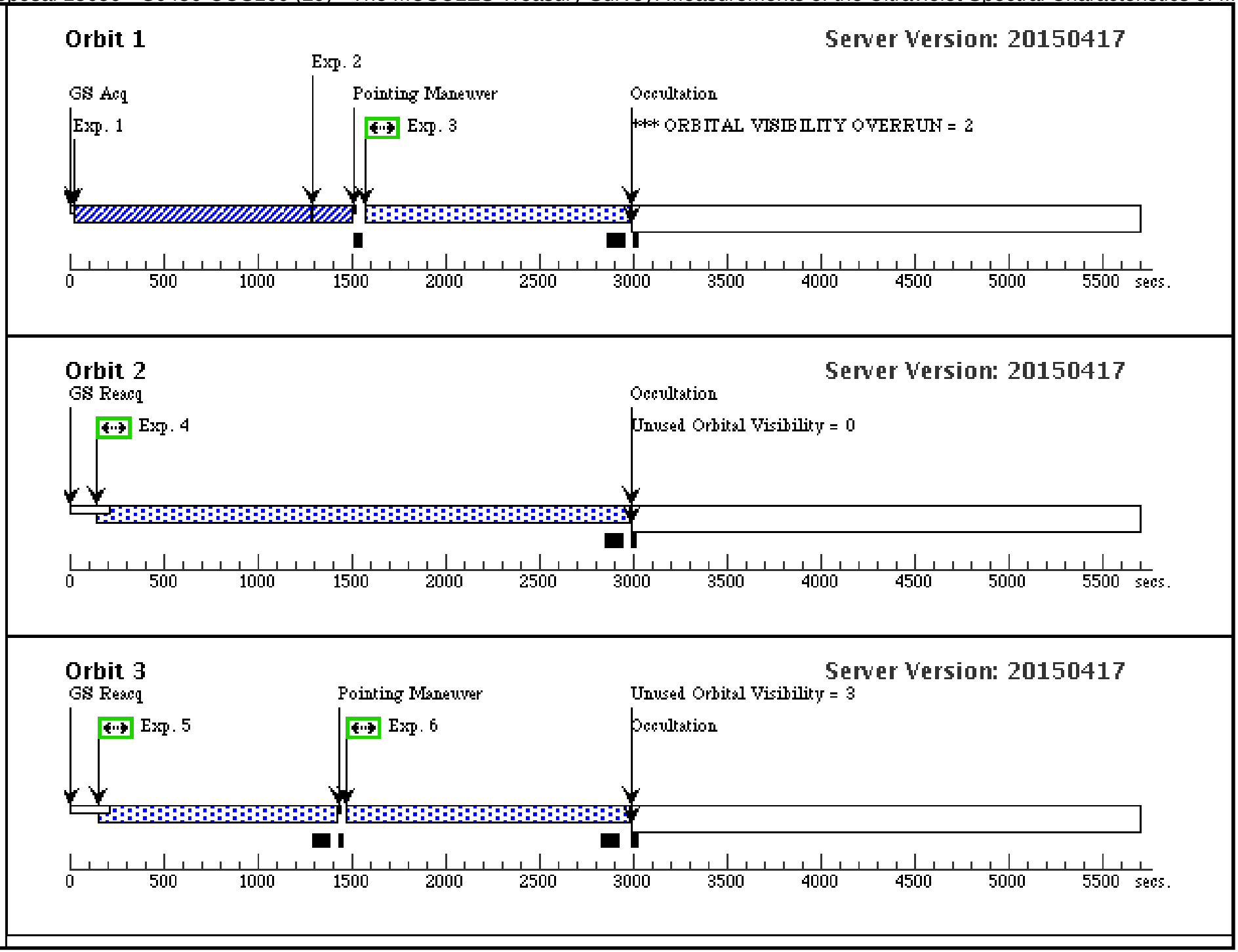
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	GJ436	RA: 11 42 11.0937 (175.5462238d) Dec: +26 42 23.65 (26.70657d) Equinox: J2000	Proper Motion RA: 896.07 mas/yr Proper Motion Dec: -813.54 mas/yr Parallax: 0.09861" Epoch of Position: 2000 Radial Velocity: 9.61 km/sec	V=10.68 (LHS-310)	Reference Frame: ICRS

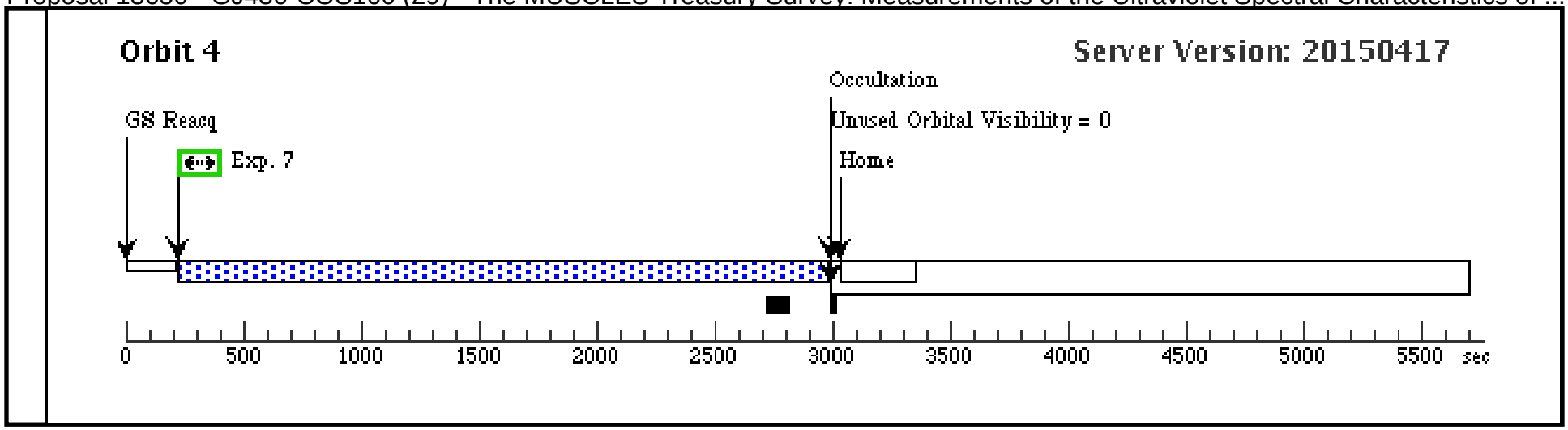
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Coords differ from what Simbad has - 06/26/14 - kf. I reverted to the coordinates used in Cycle 19 (12464) and the target confirmation chart showed better centered agreement between the pink cross and the stellar image.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617 611)	(7) GJ436	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			200 Secs (200 Secs) *[==>]*	 ***[1]***
2	(COS.ta.617 609)	(7) GJ436	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				46 Secs (46 Secs) *[==>]*	 ***[1]***
3	(COS.sp.616 624)	(7) GJ436	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1087; FP-POS=1			1197 Secs (1197 Secs) *[==>]*	 ***[1]***
4	(COS.sp.616 624)	(7) GJ436	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2601; FP-POS=4			2713 Secs (2713 Secs) *[==>]*	 ***[2]***
5	(COS.sp.616 624)	(7) GJ436	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=1041; FP-POS=3			1151 Secs (1151 Secs) *[==>]*	 ***[3]***
6	(COS.sp.616 625)	(7) GJ436	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=1090; FP-POS=3			1229 Secs (1229 Secs) *[==>]*	 ***[3]***
7	(COS.sp.616 625)	(7) GJ436	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=2500; FP-POS=3			2750 Secs (2750 Secs) *[==>]*	 ***[4]***

Orbit Structure




Orbit 4
Server Version: 20150417
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 7
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ436-COS130 (30), scheduled Fri Jun 19 01:02:53 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 29 BY 0 D TO 1 D

Diagnostics

(GJ436-COS130 (30)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

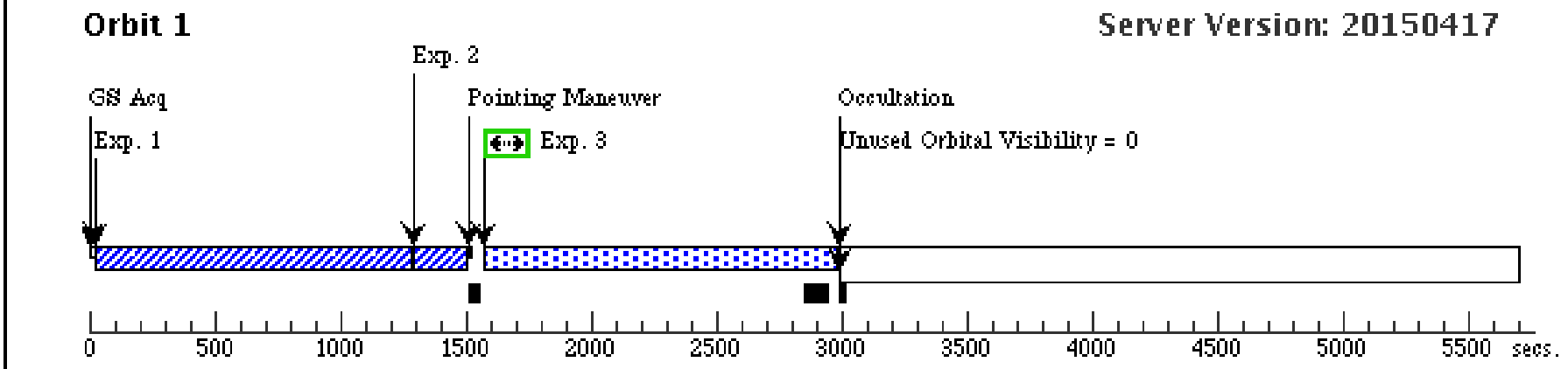
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	GJ436	RA: 11 42 11.0937 (175.5462238d) Dec: +26 42 23.65 (26.70657d) Equinox: J2000	Proper Motion RA: 896.07 mas/yr Proper Motion Dec: -813.54 mas/yr Parallax: 0.09861" Epoch of Position: 2000 Radial Velocity: 9.61 km/sec	V=10.68 (LHS-310)	Reference Frame: ICRS

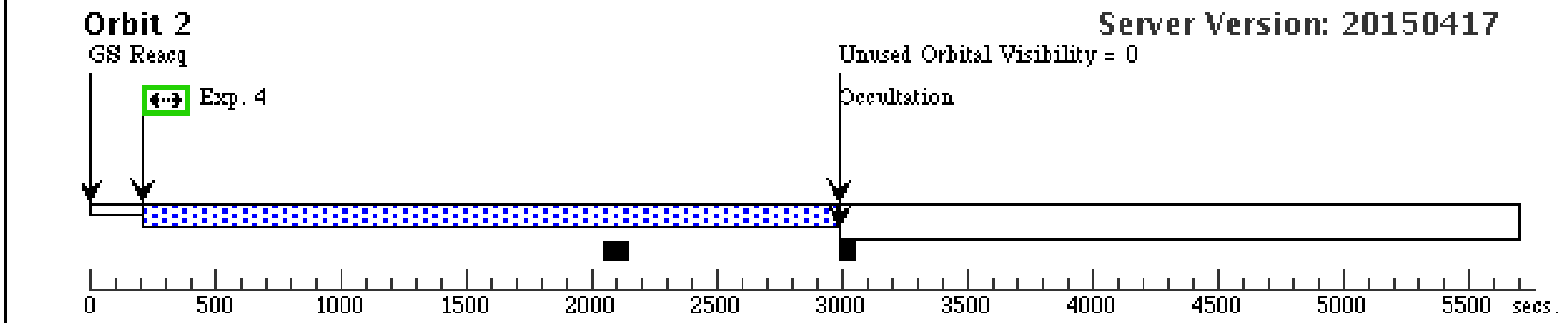
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Coords differ from what Simbad has - 06/26/14 - kf. I reverted to the coordinates used in Cycle 19 (12464) and the target confirmation chart showed better centered agreement between the pink cross and the stellar image.

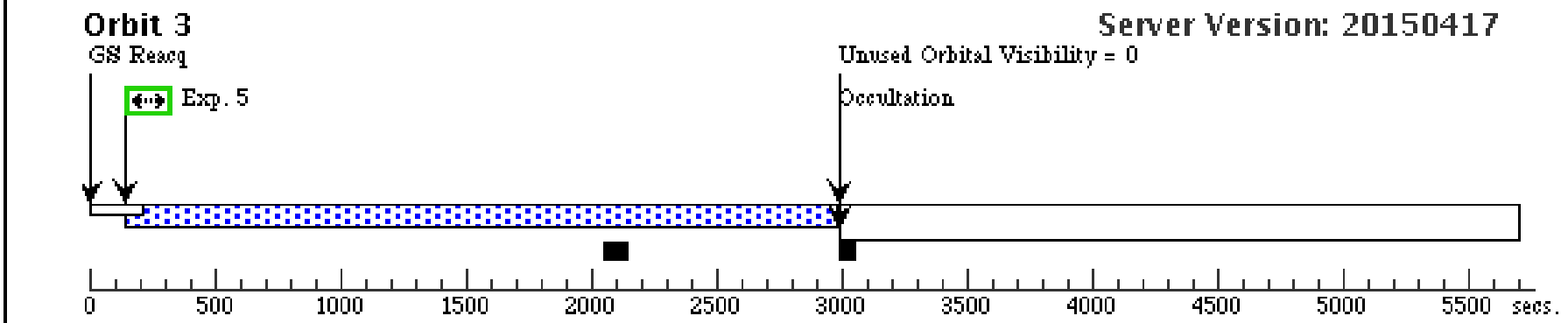
Exposures

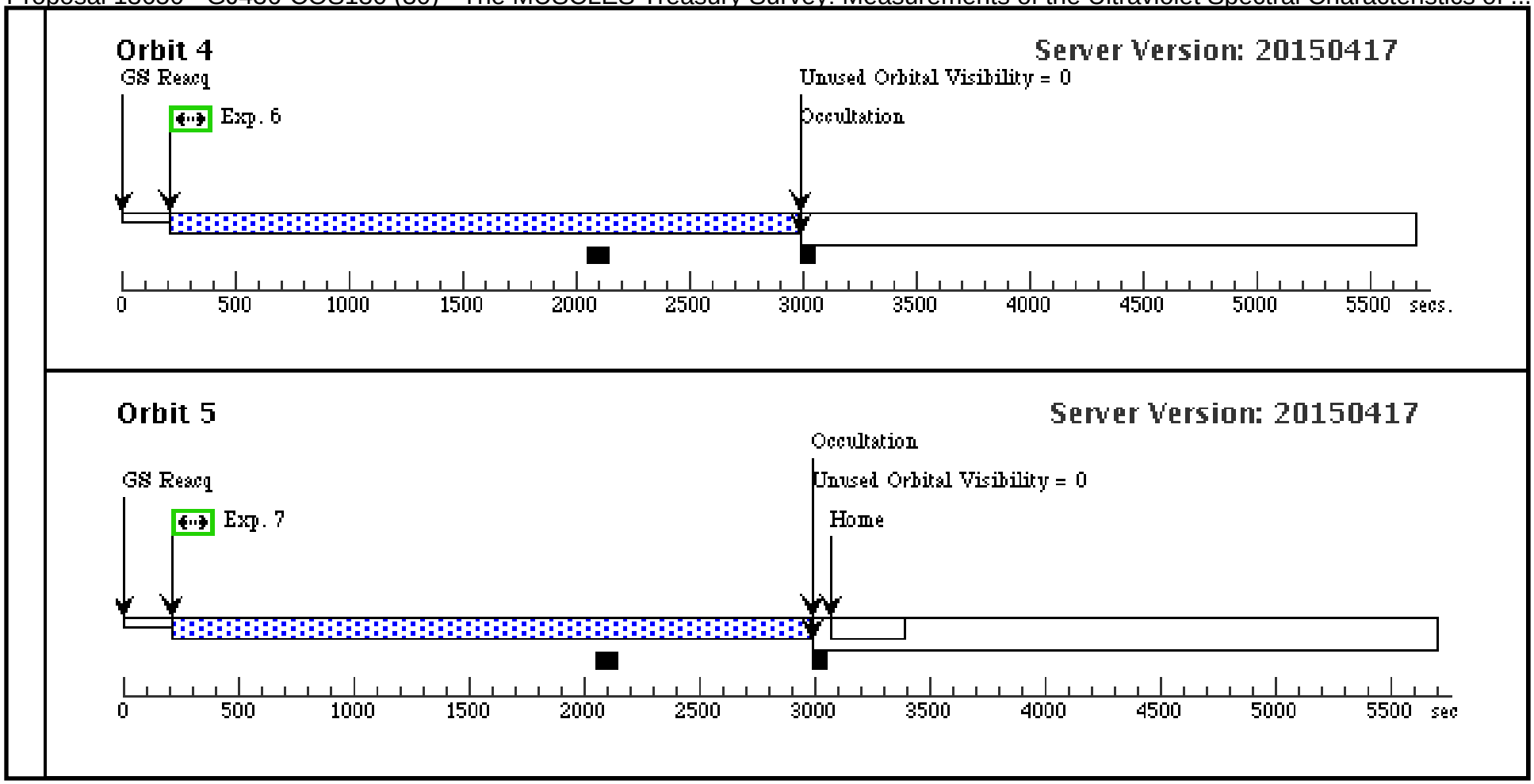
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617611)	(7) GJ436	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			200 Secs (200 Secs) *[==>]*	 ***[1]***
2	(COS.ta.617609)	(7) GJ436	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				46 Secs (46 Secs) *[==>]*	 ***[1]***
3	(COS.sp.616623)	(7) GJ436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1133; FP-POS=1			1243 Secs (1243 Secs) *[==>]*	 ***[1]***
4	(COS.sp.616623)	(7) GJ436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1800; FP-POS=2			2713 Secs (2713 Secs) *[==>]*	 ***[2]***
5	(COS.sp.616623)	(7) GJ436	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=2			2713 Secs (2713 Secs) *[==>]*	 ***[3]***
6	(COS.sp.616623)	(7) GJ436	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=3			2713 Secs (2713 Secs) *[==>]*	 ***[4]***
7	(COS.sp.616623)	(7) GJ436	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=4			2713 Secs (2713 Secs) *[==>]*	 ***[5]***

Orbit Structure








Orbit 4
Server Version: 20150417
GS Reacq
Exp. 6
Unused Orbital Visibility = 0
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 5
Server Version: 20150417
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 7
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ1214-STIS (31), scheduling Fri Jun 19 01:02:54 GMT 2015

Diagnostic Status: Warning

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

Special Requirements: SCHED 100%

Diagnostics

(GJ1214-STIS (31)) Warning (Orbit Planner): STIS EXPOSURE TIME ROUNDED DOWN TO NEAREST 0.1 SECONDS

(GJ1214-STIS (31)) Warning (Orbit Planner): STIS EXPOSURE TIME ROUNDED DOWN TO NEAREST 0.1 SECONDS

(GJ1214-STIS (31)) Warning (Orbit Planner): LONG STIS MAMA SU LIKELY TO INTERSECT THE SAA

Fixed Targets

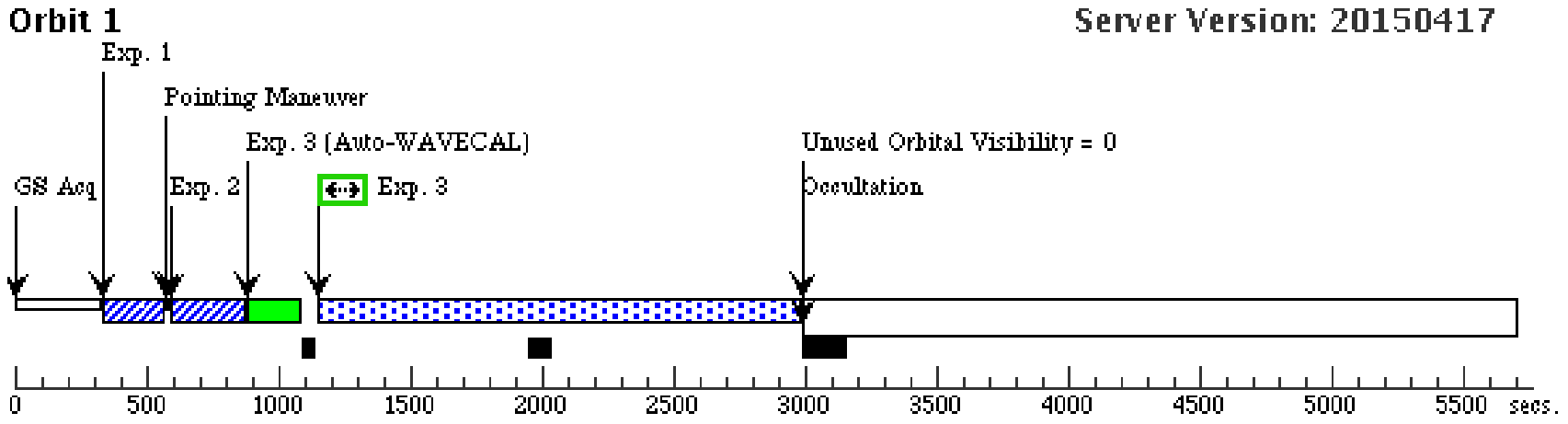
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	GJ1214	RA: 17 15 18.9400 (258.8289167d) Dec: +04 57 49.70 (4.96381d) Equinox: J2000	Proper Motion RA: 585 mas/yr Proper Motion Dec: -752 mas/yr Parallax: 0.06871" Epoch of Position: 2000	V=14.67 (LHS-3275)	Reference Frame: ICRS

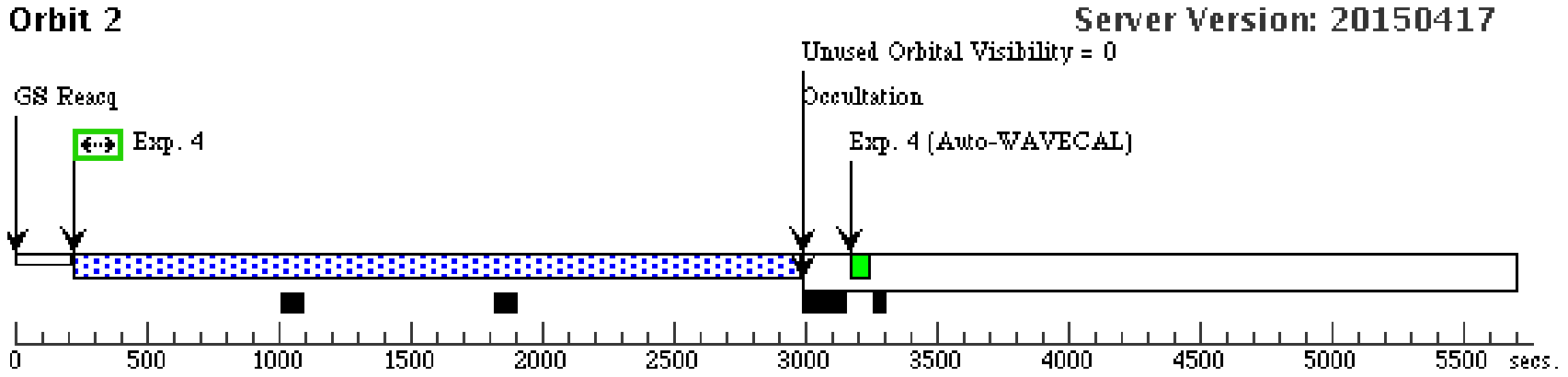
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

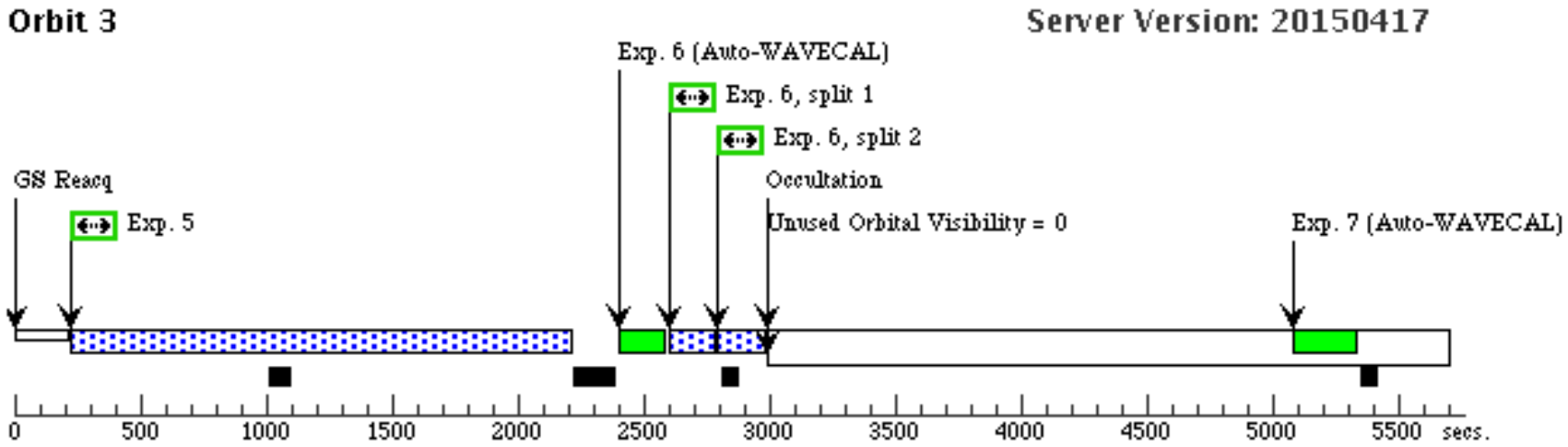
Exposures

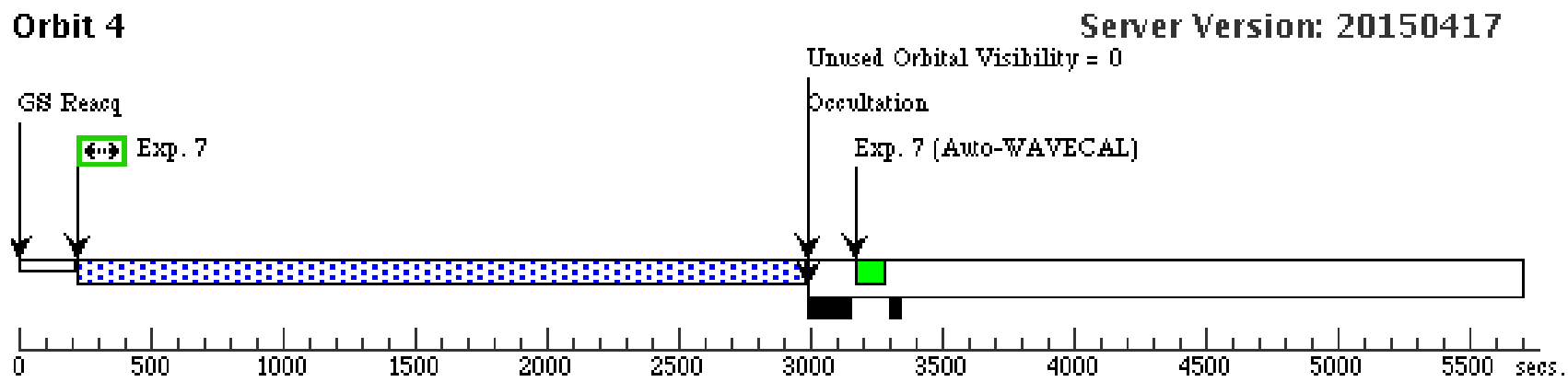
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(STIS.ta.617618)	(9) GJ1214	STIS/CCD, ACQ, F28X50LP	MIRROR				0.16 Secs (0.16 Secs) *[==>]*	***[1]***
2	(STIS.ta.617619)	(9) GJ1214	STIS/CCD, ACQ/PEAK, 52X0.1	G430L 4300 A				0.35 Secs (0.35 Secs) *[==>]*	***[1]***
3	(STIS.sp.616627)	(9) GJ1214	STIS/NUV-MAMA, TIME-TAG, 52X0.1	G230L 2376 A	BUFFER-TIME=800			1816 Secs (1816 Secs) *[==>]*	***[1]***
4	(STIS.sp.616627)	(9) GJ1214	STIS/NUV-MAMA, TIME-TAG, 52X0.1	G230L 2376 A	BUFFER-TIME=800			2749 Secs (2749 Secs) *[==>]*	***[2]***
5	(STIS.sp.616627)	(9) GJ1214	STIS/NUV-MAMA, TIME-TAG, 52X0.1	G230L 2376 A	BUFFER-TIME=800			1978 Secs (1978 Secs) *[==>]*	***[3]***
6	(STIS.sp.616633)	(9) GJ1214	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A				300 Secs (300 Secs) *[==>(Split 1)]* *[==>(Split 2)]*	***[3]***
7	(STIS.sp.616626)	(9) GJ1214	STIS/FUV-MAMA, TIME-TAG, 52X0.1	G140M 1222 A	BUFFER-TIME=2000			2747 Secs (2747 Secs) *[==>]*	***[4]***
8	(STIS.sp.616626)	(9) GJ1214	STIS/FUV-MAMA, TIME-TAG, 52X0.1	G140M 1222 A	BUFFER-TIME=2000			2747 Secs (2747 Secs) *[==>]*	***[5]***
9	(STIS.sp.616626)	(9) GJ1214	STIS/FUV-MAMA, TIME-TAG, 52X0.1	G140M 1222 A	BUFFER-TIME=2000			2747 Secs (2747 Secs) *[==>]*	***[6]***

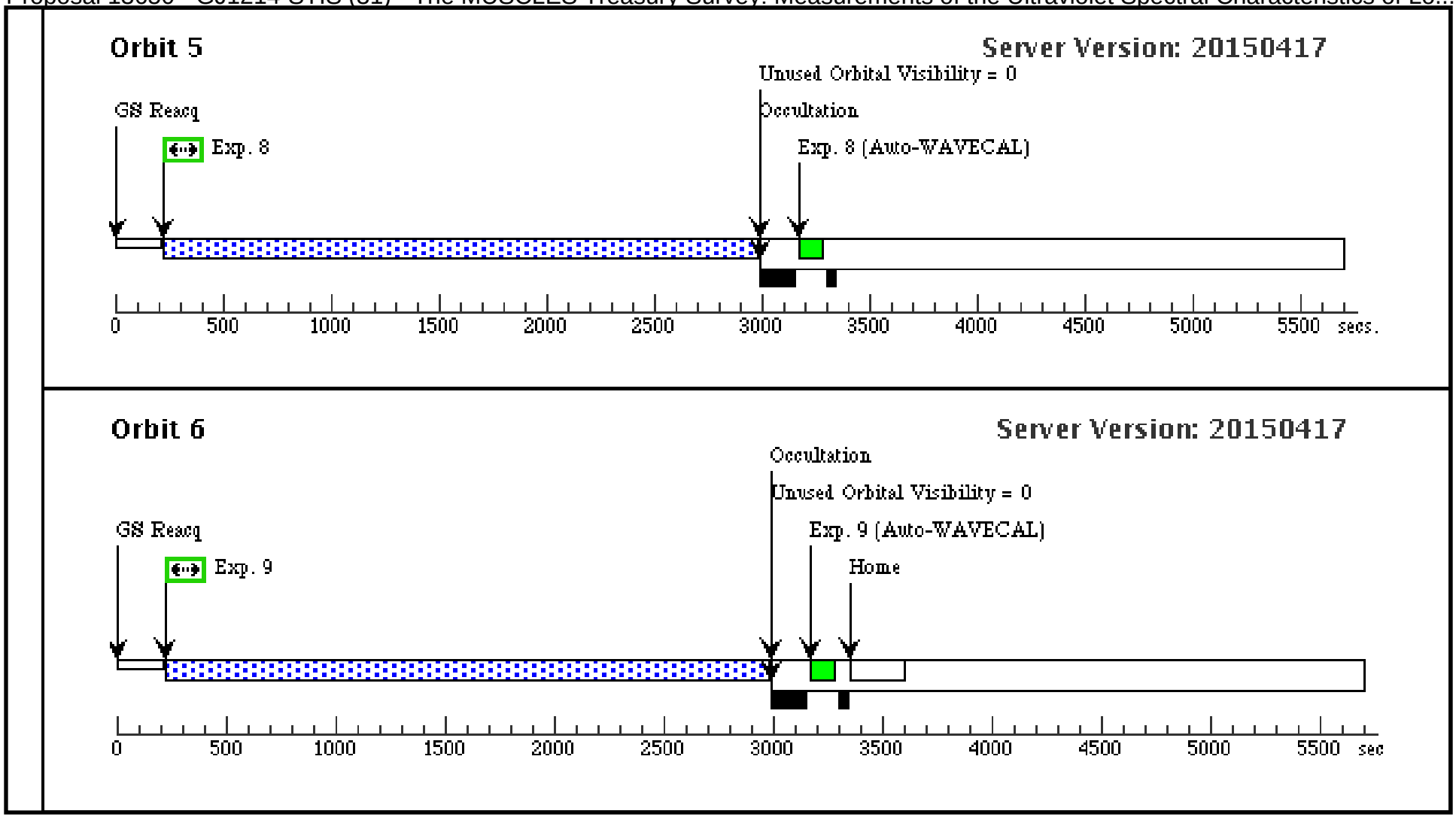
Orbit Structure






Orbit 3
Server Version: 20150417
Exp. 6 (Auto-WAVECAL)
Exp. 6, split 1
Exp. 6, split 2
GS Reacq
Occultation
Exp. 5
Unused Orbital Visibility = 0
Exp. 7 (Auto-WAVECAL)
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.


Orbit 4
Server Version: 20150417
Unused Orbital Visibility = 0
GS Reacq
Occultation
Exp. 7
Exp. 7 (Auto-WAVECAL)
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.


Orbit 5
Server Version: 20150417
Unused Orbital Visibility = 0
GS Reacq
Occultation
Exp. 8
Exp. 8 (Auto-WAVECAL)
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 6
Server Version: 20150417
Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 9 (Auto-WAVECAL)
Exp. 9
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ1214-COS160 (32), scheduling Fri Jun 19 01:02:54 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 31 BY 0 D TO 1.0 D

Diagnostics

(GJ1214-COS160 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(GJ1214-COS160 (32)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

(GJ1214-COS160 (32)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

Fixed Targets

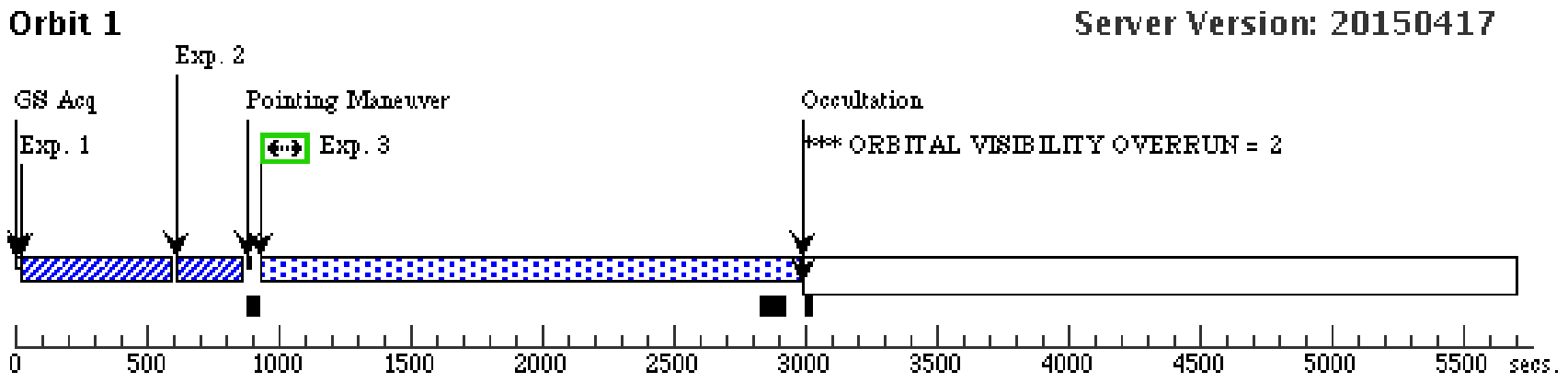
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	GJ1214	RA: 17 15 18.9400 (258.8289167d) Dec: +04 57 49.70 (4.96381d) Equinox: J2000	Proper Motion RA: 585 mas/yr Proper Motion Dec: -752 mas/yr Parallax: 0.06871" Epoch of Position: 2000	V=14.67 (LHS-3275)	Reference Frame: ICRS

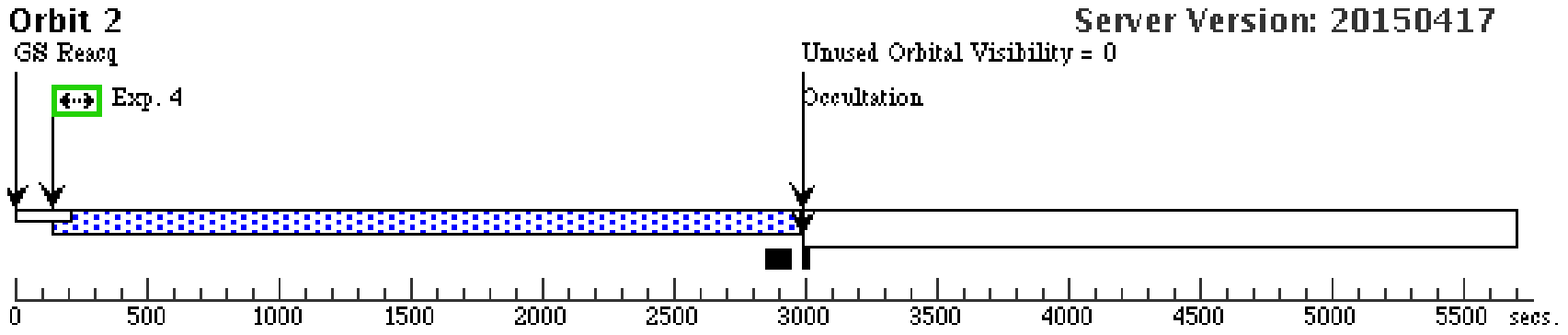
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

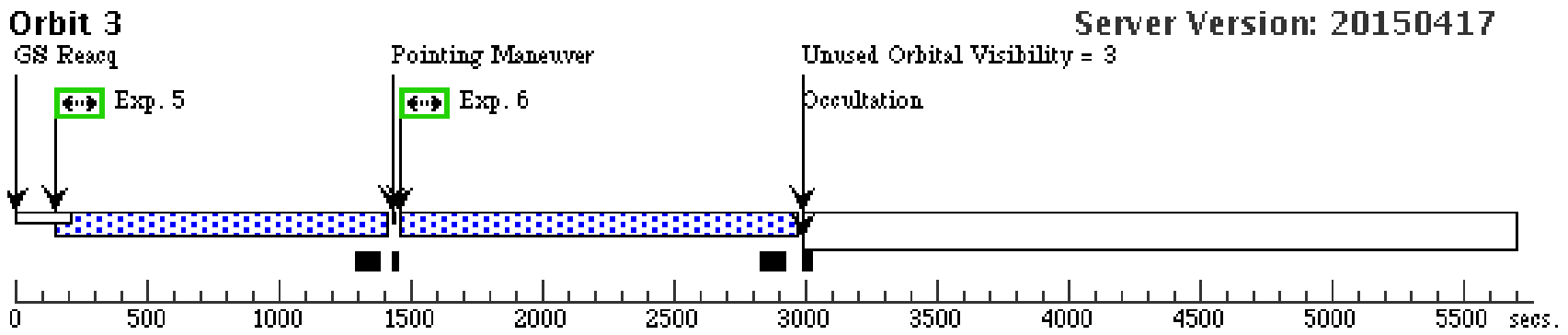
Exposures

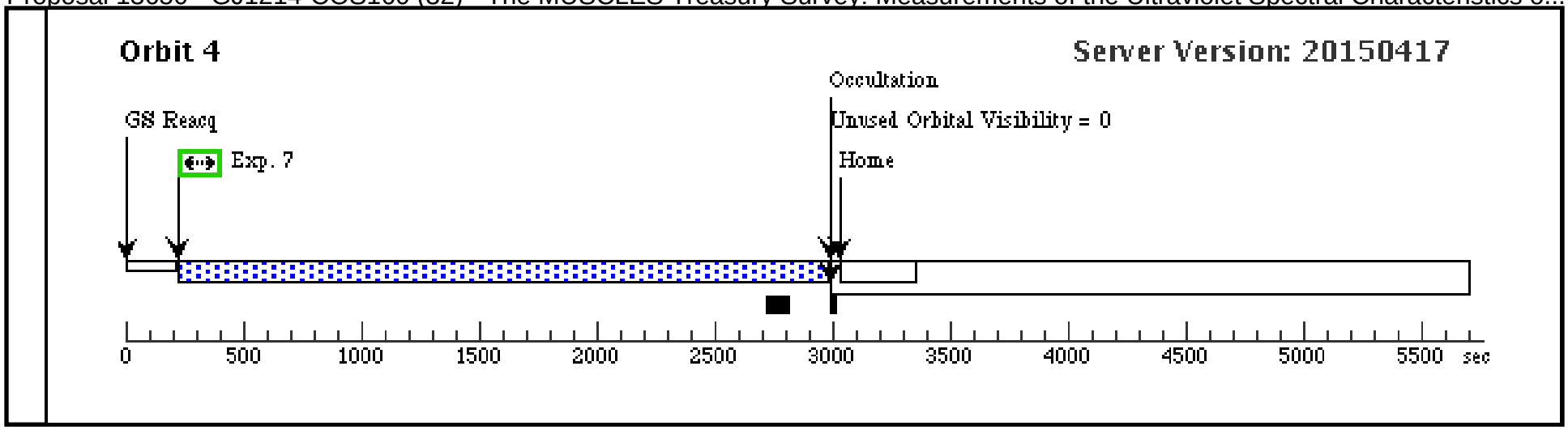
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.182877)	(9) GJ1214	COS/NUV, ACQ/SEARCH, PSA	MIRRORA	SCAN-SIZE=2			30 Secs (30 Secs) *[==>]*	*[1]*
2	(COS.ta.617627)	(9) GJ1214	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				78 Secs (78 Secs) *[==>]*	*[1]*
3	(COS.sp.616624)	(9) GJ1214	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1700; FP-POS=1			1836 Secs (1836 Secs) *[==>]*	*[1]*
4	(COS.sp.616624)	(9) GJ1214	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2601; FP-POS=4			2713 Secs (2713 Secs) *[==>]*	*[2]*
5	(COS.sp.616624)	(9) GJ1214	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=1035; FP-POS=3			1145 Secs (1145 Secs) *[==>]*	*[3]*
6	(COS.sp.616625)	(9) GJ1214	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=1090; FP-POS=3			1229 Secs (1229 Secs) *[==>]*	*[3]*
7	(COS.sp.616625)	(9) GJ1214	COS/NUV, TIME-TAG, PSA	G230L 2950 A	BUFFER-TIME=2500; FP-POS=3			2750 Secs (2750 Secs) *[==>]*	*[4]*

Orbit Structure








Orbit 4
Server Version: 20150417
Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 7
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ1214-COS130 (33), scheduling Fri Jun 19 01:02:54 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%; AFTER 32 BY 0 D TO 1 D

Diagnostics

(GJ1214-COS130 (33)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

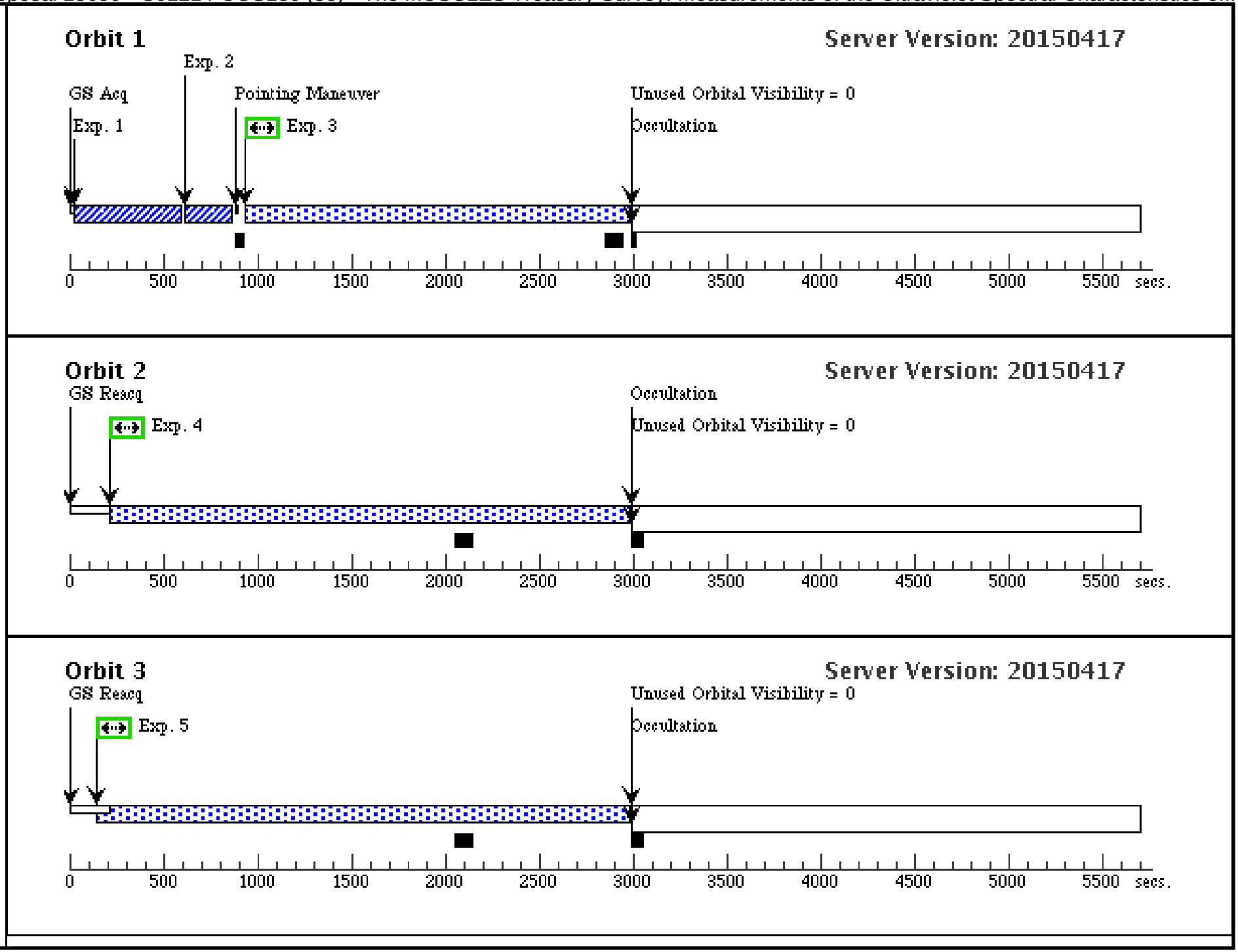
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	GJ1214	RA: 17 15 18.9400 (258.8289167d) Dec: +04 57 49.70 (4.96381d) Equinox: J2000	Proper Motion RA: 585 mas/yr Proper Motion Dec: -752 mas/yr Parallax: 0.06871" Epoch of Position: 2000	V=14.67 (LHS-3275)	Reference Frame: ICRS

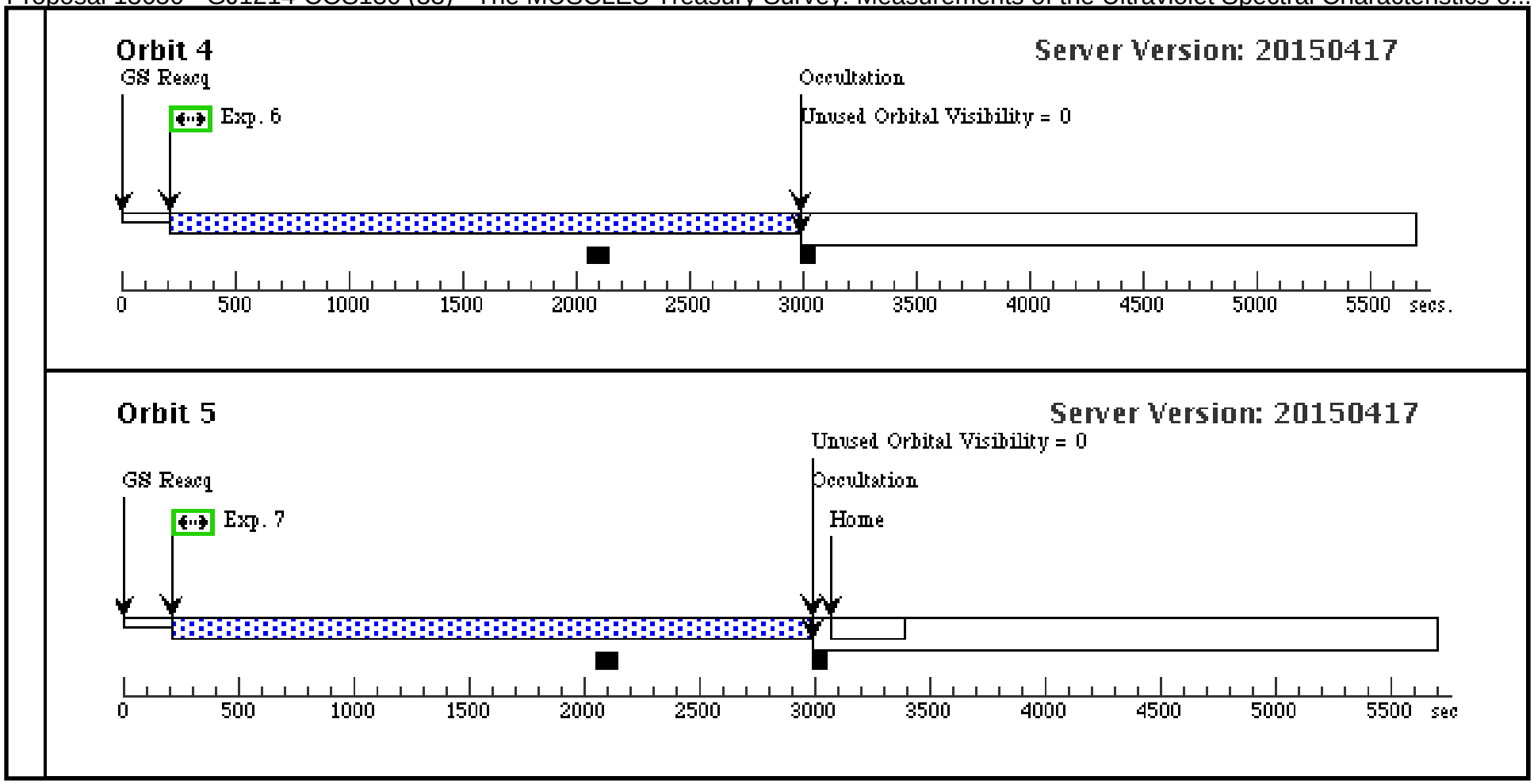
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.182877)	(9) GJ1214	COS/NUV, ACQ/SEARCH, PSA	MIRRORA	SCAN-SIZE=2			30 Secs (30 Secs) *[==>]*	***[1]***
2	(COS.ta.617627)	(9) GJ1214	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				78 Secs (78 Secs) *[==>]*	***[1]***
3	(COS.sp.616623)	(9) GJ1214	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1772; FP-POS=1			1882 Secs (1882 Secs) *[==>]*	***[1]***
4	(COS.sp.616623)	(9) GJ1214	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1800; FP-POS=2			2713 Secs (2713 Secs) *[==>]*	***[2]***
5	(COS.sp.616623)	(9) GJ1214	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=2			2713 Secs (2713 Secs) *[==>]*	***[3]***
6	(COS.sp.616623)	(9) GJ1214	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=3			2713 Secs (2713 Secs) *[==>]*	***[4]***
7	(COS.sp.616623)	(9) GJ1214	COS/FUV, TIME-TAG, PSA	G130M 1318 A	BUFFER-TIME=1800; FP-POS=4			2713 Secs (2713 Secs) *[==>]*	***[5]***

Orbit Structure

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GS Reacq
Exp. 6
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Unused Orbital Visibility = 0
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1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Orbit 5
Server Version: 20150417
Unused Orbital Visibility = 0
GS Reacq
Exp. 7
Occultation
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13650, GJ887-COS160 (34), completed Fri Jun 19 01:02:54 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(GJ887-COS160 (34)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(GJ887-COS160 (34)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

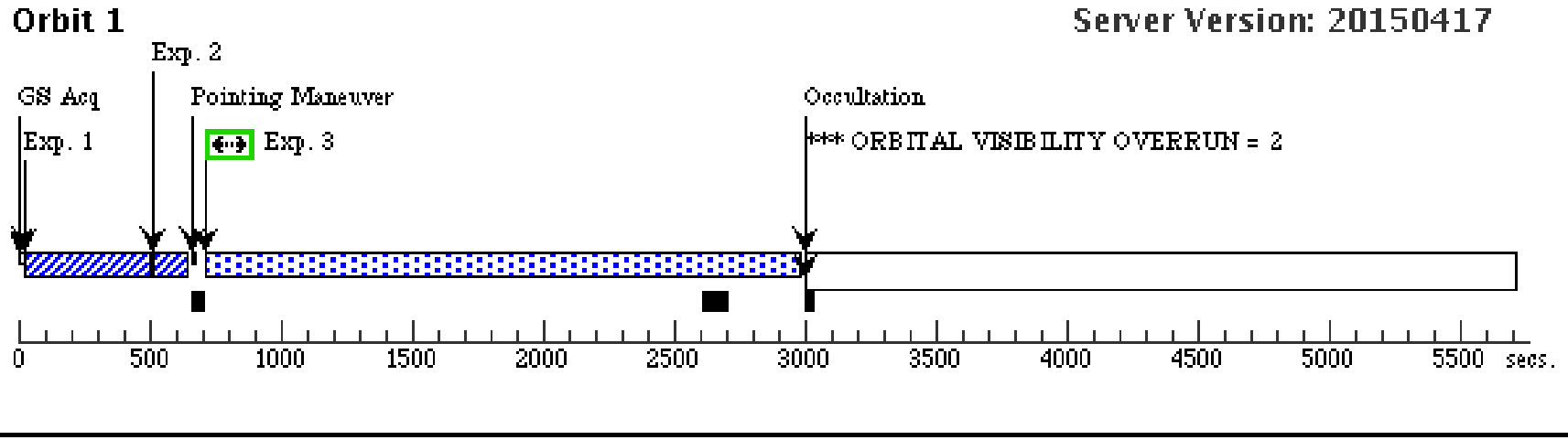
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	GJ887	RA: 23 05 52.0360 (346.4668167d) Dec: -35 51 11.05 (-35.85307d) Equinox: J2000	Proper Motion RA: 6768.20 mas/yr Proper Motion Dec: 1327.52 mas/yr Parallax: 0.30526" Epoch of Position: 2000 Radial Velocity: 8.81 km/sec	V=7.34	Reference Frame: ICRS

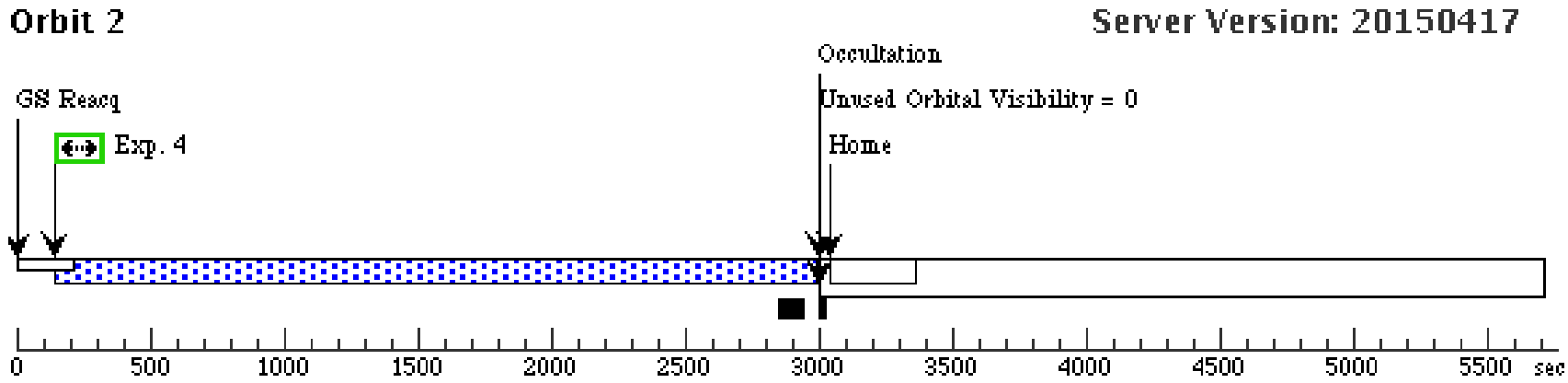
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.616717)	(11) GJ887	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			5.9 Secs (5.9 Secs) *[==>]*	*[1]*
2	(COS.ta.616716)	(11) GJ887	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				4.7 Secs (4.7 Secs) *[==>]*	*[1]*
3	(COS.sp.616634)	(11) GJ887	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1700; FP-POS=1			2058 Secs (2058 Secs) *[==>]*	*[1]*
4	(COS.sp.616634)	(11) GJ887	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2601; FP-POS=4			2716 Secs (2716 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13650, HD173739-COS160 (35), completed Fri Jun 19 01:02:54 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(HD173739-COS160 (35)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(HD173739-COS160 (35)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

Fixed Targets

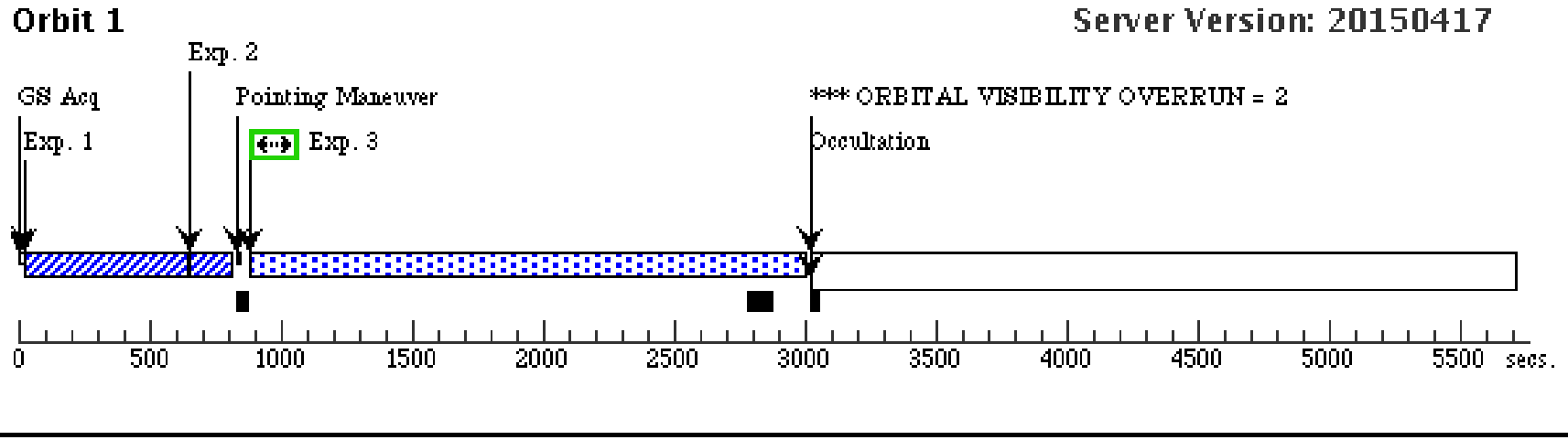
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	HD173739	RA: 18 42 46.6790 (280.6944958d) Dec: +59 37 49.47 (59.63041d) Equinox: J2000	Proper Motion RA: -1332.03 mas/yr Proper Motion Dec: 1807.48 mas/yr Parallax: 0.28018" Epoch of Position: 2000 Radial Velocity: -1.07 km/sec	V=8.91	Reference Frame: ICRS

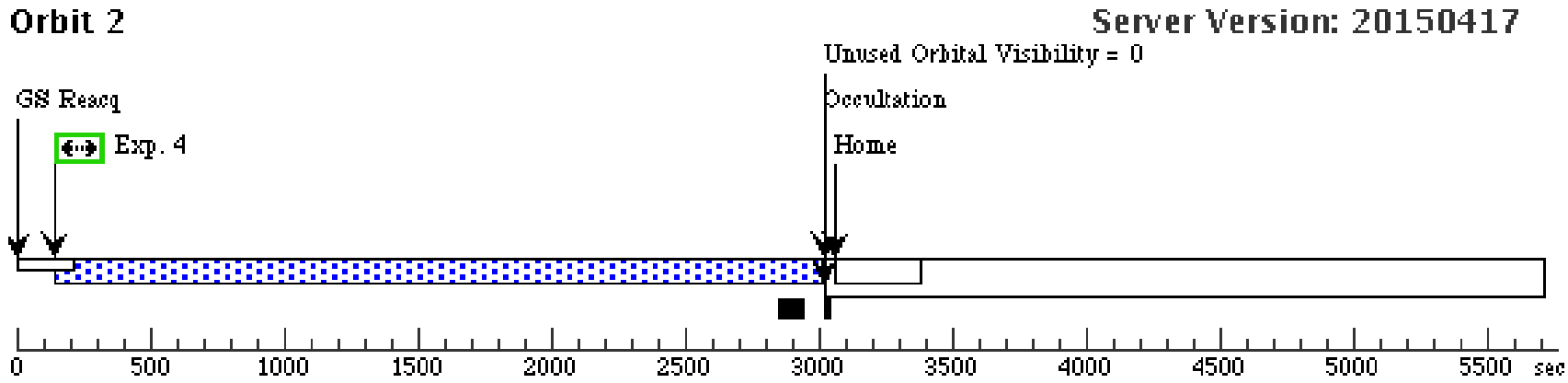
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.616720)	(12) HD173739	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			41 Secs (41 Secs) *[==>]*	 ***[1]***
2	(COS.ta.616719)	(12) HD173739	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				20 Secs (20 Secs) *[==>]*	 ***[1]***
3	(COS.sp.616634)	(12) HD173739	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1700; FP-POS=1			1910 Secs (1910 Secs) *[==>]*	 ***[1]***
4	(COS.sp.616634)	(12) HD173739	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2601; FP-POS=4			2738 Secs (2738 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13650, GJ628-COS160 (36), scheduling Fri Jun 19 01:02:54 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(GJ628-COS160 (36)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

(GJ628-COS160 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

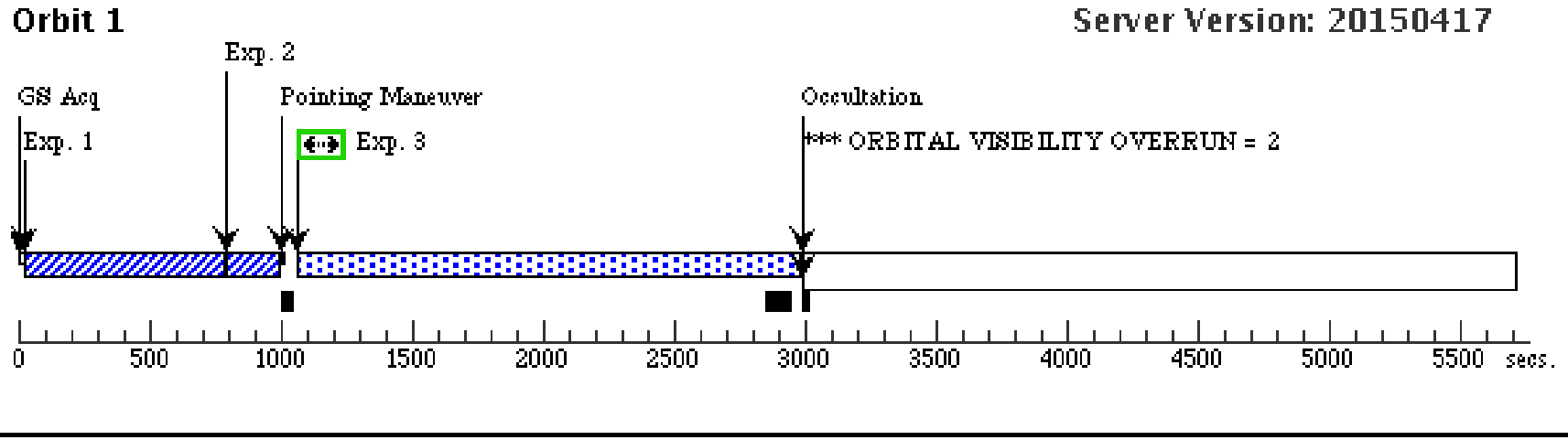
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	GJ628	RA: 16 30 18.0580 (247.5752417d) Dec: -12 39 45.32 (-12.66259d) Equinox: J2000	Proper Motion RA: -94.81 mas/yr Proper Motion Dec: -1183.43 mas/yr Parallax: 0.23298" Epoch of Position: 2000 Radial Velocity: -21.22 km/sec	V=10.072	Reference Frame: ICRS

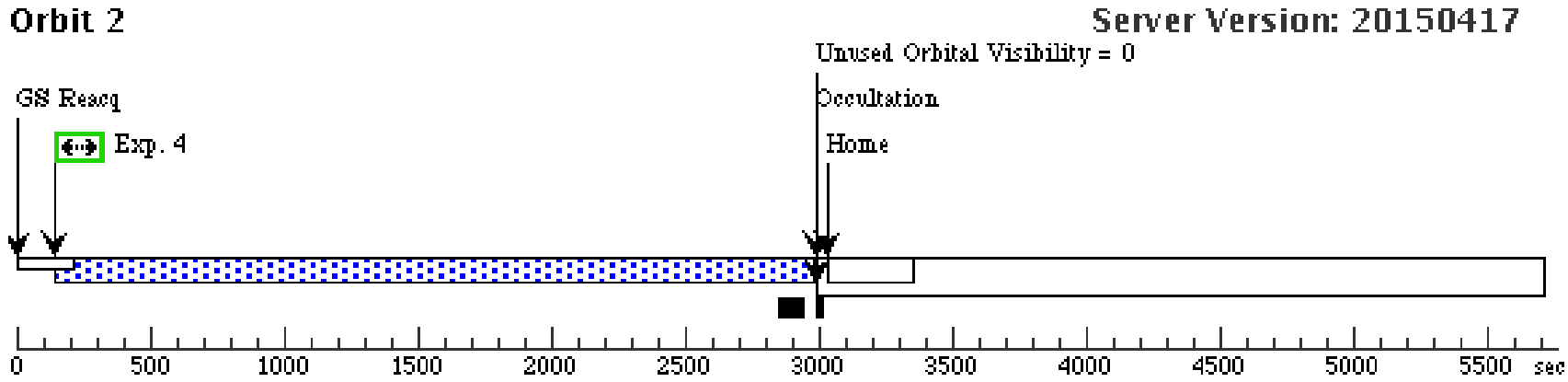
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.617562)	(14) GJ628	COS/NUV, ACQ/SEARCH, PSA	MIRRORB	SCAN-SIZE=2			76 Secs (76 Secs) *[==>]*	*[1]*
2	(COS.ta.617558)	(14) GJ628	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				38 Secs (38 Secs) *[==>]*	*[1]*
3	(COS.sp.616634)	(14) GJ628	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1597; FP-POS=1			1707 Secs (1707 Secs) *[==>]*	*[1]*
4	(COS.sp.616634)	(14) GJ628	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2601; FP-POS=4			2711 Secs (2711 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13650, GJ1061-COS160 (37), completed Fri Jun 19 01:02:55 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: COS/NUV, COS/FUV

Special Requirements: SCHED 100%

Diagnostics

(GJ1061-COS160 (37)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.

(GJ1061-COS160 (37)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	GJ1061	RA: 03 35 59.6900 (53.9987083d) Dec: -44 30 45.30 (-44.51258d) Equinox: J2000	Proper Motion RA: 730 mas/yr Proper Motion Dec: -330 mas/yr Parallax: 0.27192" Epoch of Position: 2000	V=13.03	Reference Frame: ICRS

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

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.616722)	(13) GJ1061	COS/NUV, ACQ/SEARCH, PSA	MIRRORA	SCAN-SIZE=2			57 Secs (57 Secs) *[==>]*	*[1]*
2	(COS.ta.616723)	(13) GJ1061	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				17 Secs (17 Secs) *[==>]*	*[1]*
3	(COS.sp.616634)	(13) GJ1061	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=1700; FP-POS=1			1855 Secs (1855 Secs) *[==>]*	*[1]*
4	(COS.sp.616634)	(13) GJ1061	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=2601; FP-POS=4			2718 Secs (2718 Secs) *[==>]*	*[2]*

Orbit Structure