



12209 - A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

Cycle: 18, Proposal Category: GO
(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) SDSSJ0151+0049	ACS/WFC	1	30-Nov-2010 21:17:05.0	yes
02	(2) SDSSJ0212+0027	ACS/WFC	1	30-Nov-2010 21:17:13.0	yes
03	(3) SDSSJ0747+5055	ACS/WFC	1	30-Nov-2010 21:17:20.0	yes
04	(4) SDSSJ0747+4448	ACS/WFC	1	30-Nov-2010 21:17:25.0	yes

Proposal 12209 (STScI Edit Number: 5, Created: Tuesday, November 30, 2010 9:21:23 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
05	(5) SDSSJ0757+4313	ACS/WFC	1	30-Nov-2010 21:17:32.0	yes
06	(6) SDSSJ0801+4727	ACS/WFC	1	30-Nov-2010 21:17:37.0	yes
07	(7) SDSSJ0821+3733	ACS/WFC	1	30-Nov-2010 21:17:43.0	yes
08	(8) SDSSJ0830+5116	ACS/WFC	1	30-Nov-2010 21:17:48.0	yes
09	(9) SDSSJ0837+4937	ACS/WFC	1	30-Nov-2010 21:17:54.0	yes
10	(10) SDSSJ0840+5051	ACS/WFC	1	30-Nov-2010 21:17:59.0	yes
11	(11) SDSSJ0841+5017	ACS/WFC	1	30-Nov-2010 21:18:03.0	yes
12	(12) SDSSJ0915-0055	ACS/WFC	1	30-Nov-2010 21:18:08.0	yes
13	(13) SDSSJ0941-0104	ACS/WFC	1	30-Nov-2010 21:18:13.0	yes
14	(14) SDSSJ0944-0147	ACS/WFC	1	30-Nov-2010 21:18:18.0	yes
15	(15) SDSSJ1016-0208	ACS/WFC	1	30-Nov-2010 21:18:22.0	yes
16	(16) SDSSJ1039-0014	ACS/WFC	1	30-Nov-2010 21:18:27.0	yes
17	(17) SDSSJ1117-0133	ACS/WFC	1	30-Nov-2010 21:18:32.0	yes
18	(18) SDSSJ1159-0007	ACS/WFC	1	30-Nov-2010 21:18:36.0	yes
19	(19) SDSSJ1215+0047	ACS/WFC	1	30-Nov-2010 21:18:42.0	yes
20	(20) SDSSJ1221-0220	ACS/WFC	1	30-Nov-2010 21:18:47.0	yes
21	(21) SDSSJ1221+3806	ACS/WFC	1	30-Nov-2010 21:18:52.0	yes
22	(22) SDSSJ1234-0241	ACS/WFC	1	30-Nov-2010 21:18:56.0	yes
23	(23) SDSSJ1318-0104	ACS/WFC	1	30-Nov-2010 21:19:00.0	yes
24	(24) SDSSJ1337+3620	ACS/WFC	1	30-Nov-2010 21:19:05.0	yes
25	(25) SDSSJ1344+3258	ACS/WFC	1	30-Nov-2010 21:19:13.0	yes
26	(26) SDSSJ1345-0129	ACS/WFC	1	30-Nov-2010 21:19:18.0	yes
27	(27) SDSSJ1349+3612	ACS/WFC	1	30-Nov-2010 21:19:23.0	yes
28	(28) SDSSJ1352+3216	ACS/WFC	1	30-Nov-2010 21:19:28.0	yes
29	(29) SDSSJ1452+3323	ACS/WFC	1	30-Nov-2010 21:19:34.0	yes

Proposal 12209 (STScI Edit Number: 5, Created: Tuesday, November 30, 2010 9:21:23 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
30	(30) SDSSJ1503+3225	ACS/WFC	1	30-Nov-2010 21:19:38.0	yes
31	(31) SDSSJ1522+2910	ACS/WFC	1	30-Nov-2010 21:19:42.0	yes
32	(32) SDSSJ1537+0220	ACS/WFC	1	30-Nov-2010 21:19:47.0	yes
33	(33) SDSSJ1541+1812	ACS/WFC	1	30-Nov-2010 21:19:51.0	yes
34	(34) SDSSJ1542+1629	ACS/WFC	1	30-Nov-2010 21:19:56.0	yes
35	(35) SDSSJ1545+2748	ACS/WFC	1	30-Nov-2010 21:20:01.0	yes
36	(36) SDSSJ1601+2138	ACS/WFC	1	30-Nov-2010 21:20:07.0	yes
37	(37) SDSSJ1611+1705	ACS/WFC	1	30-Nov-2010 21:20:14.0	yes
38	(38) SDSSJ1615+2056	ACS/WFC	1	30-Nov-2010 21:20:20.0	yes
39	(39) SDSSJ1618+1930	ACS/WFC	1	30-Nov-2010 21:20:24.0	yes
40	(40) SDSSJ1627+1910	ACS/WFC	1	30-Nov-2010 21:20:29.0	yes
41	(41) SDSSJ1631+1854	ACS/WFC	1	30-Nov-2010 21:20:34.0	yes
42	(42) SDSSJ1637+1439	ACS/WFC	1	30-Nov-2010 21:20:37.0	yes
43	(43) SDSSJ2122+0409	ACS/WFC	1	30-Nov-2010 21:20:42.0	yes
44	(44) SDSSJ2125+0411	ACS/WFC	1	30-Nov-2010 21:20:47.0	yes
45	(45) SDSSJ2303+0037	ACS/WFC	1	30-Nov-2010 21:20:52.0	yes
53	(33) SDSSJ1541+1812	ACS/WFC	1	30-Nov-2010 21:20:56.0	yes
55	(45) SDSSJ2303+0037	ACS/WFC	1	30-Nov-2010 21:21:01.0	yes
57	(37) SDSSJ1611+1705	ACS/WFC	1	30-Nov-2010 21:21:06.0	yes
60	(40) SDSSJ1627+1910	ACS/WFC	1	30-Nov-2010 21:21:11.0	yes
63	(3) SDSSJ0747+5055	ACS/WFC	1	30-Nov-2010 21:21:15.0	yes

50 Total Orbits Used

ABSTRACT

The structure and evolution of giant elliptical galaxies provide key quantitative tests for the theory of hierarchical galaxy formation in a cold dark matter dominated universe. Strong gravitational lensing provides the only direct means for the measurement of individual elliptical galaxy masses

beyond the local universe, but there are currently no large and homogeneous samples of strong lens galaxies at significant cosmological look-back time. Hence, an accurate and unambiguous measurement of the evolution of the mass-density structure of elliptical galaxies has until now been impossible. Using spectroscopic data from the recently initiated Baryon Oscillation Spectroscopic Survey (BOSS) of luminous elliptical galaxies at redshifts from approximately 0.4 to 0.7, we have identified a large sample of high-probability strong gravitational lens candidates at significant cosmological look-back time, based on the detection of emission-line features from more distant galaxies along the same lines of sight as the target ellipticals. We propose to observe 45 of these systems with the ACS-WFC in order to confirm the incidence of lensing and to measure the masses of the lens galaxies. We will complement these lensing mass measurements with stellar velocity dispersions from ground-based follow-up spectroscopy. In combination with similar data from the Sloan Lens ACS (SLACS) Survey at lower redshifts, we will directly measure the cosmic evolution of the ratio between lensing mass and dynamical mass, to reveal the structural explanation for the observed size evolution of elliptical galaxies (at high mass). We will also measure the evolution of the logarithmic mass-density profile of massive ellipticals, which is sensitive to the details of the merging histories through which they are assembled. Finally, we will use our lensing mass-to-light measurements to translate the BOSS galaxy luminosity function into a mass function, and determine its evolution in combination with data from the original Sloan Digital Sky Survey.

OBSERVING DESCRIPTION

45 visits.

1 target per visit, 1 visit per target.

One orbit of ACS-WFC F814W ACCUM per target.

4 sub-exposures each target in ACS-WFC-DITHER-BOX pattern to pack orbit.

Proposal 12209 - Visit 01A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

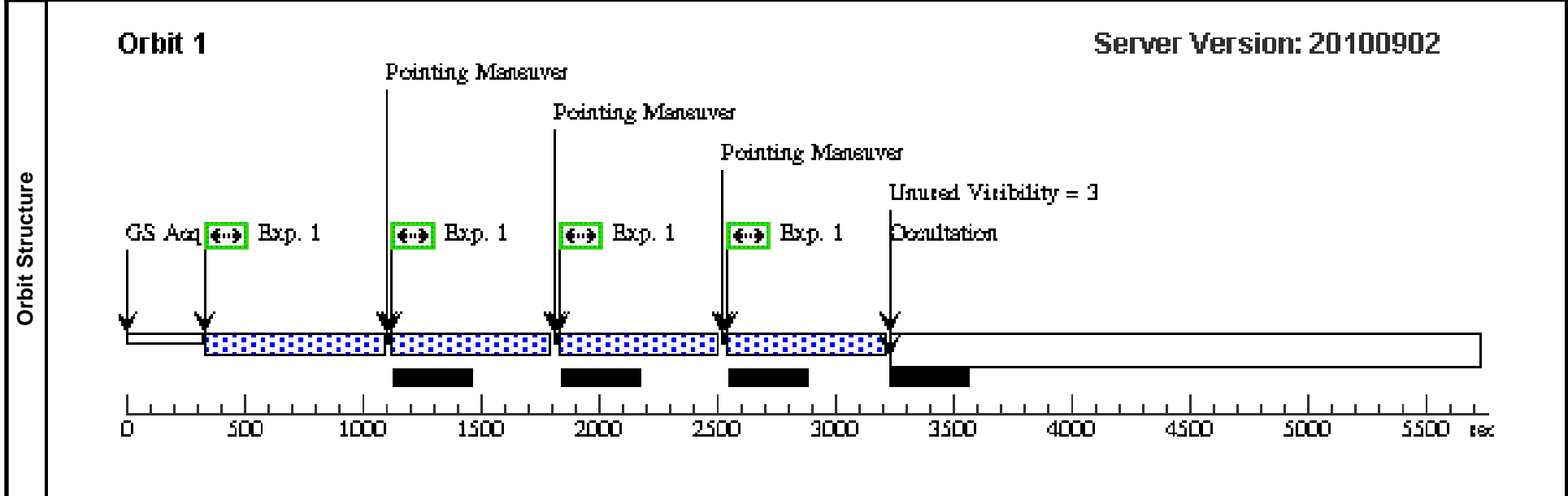
Wed Dec 01 02:21:24 GMT 2010

Visit	Proposal 12209, Visit 01, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSJ0151+0049	RA: 01 51 7.3700 (27.7807083d)	Proper Motion RA: null	V=+/-	Reference Frame: ICRS
	Alt Name1: 3606-55154-0675	Dec: +00 49 9.00 (.81917d)	Proper Motion Dec: null	i=19.99		
		Equinox: J2000	Epoch of Position: 2000.0			

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) SDSSJ0151+0049	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 01 (1)	500 Secs	
								[=>551.0 Secs (Pattern 1)]	[1]	
								[=>551.0 Secs (Pattern 2)]		
								[=>551.0 Secs (Pattern 3)]		
								[=>551.0 Secs (Pattern 4)]		



Proposal 12209 - Visit 02A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

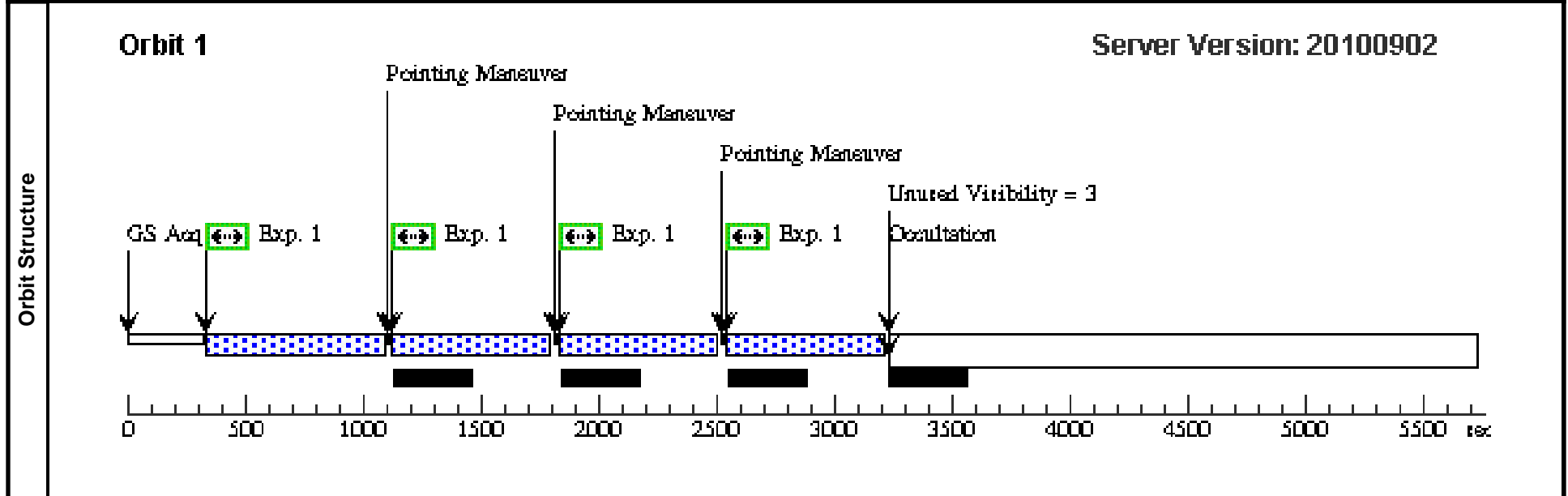
Wed Dec 01 02:21:25 GMT 2010

Visit	Proposal 12209, Visit 02, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSJ0212+0027 Alt Name1: 3611-55128-0761	RA: 02 12 14.8000 (33.0616667d) Dec: +00 27 19.10 (.45531d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.53	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) SDSSJ0212+0027 7	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 02 (1)	500 Secs [==>551.0 Secs (Pattern 1)] [==>551.0 Secs (Pattern 2)] [==>551.0 Secs (Pattern 3)] [==>551.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 03A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

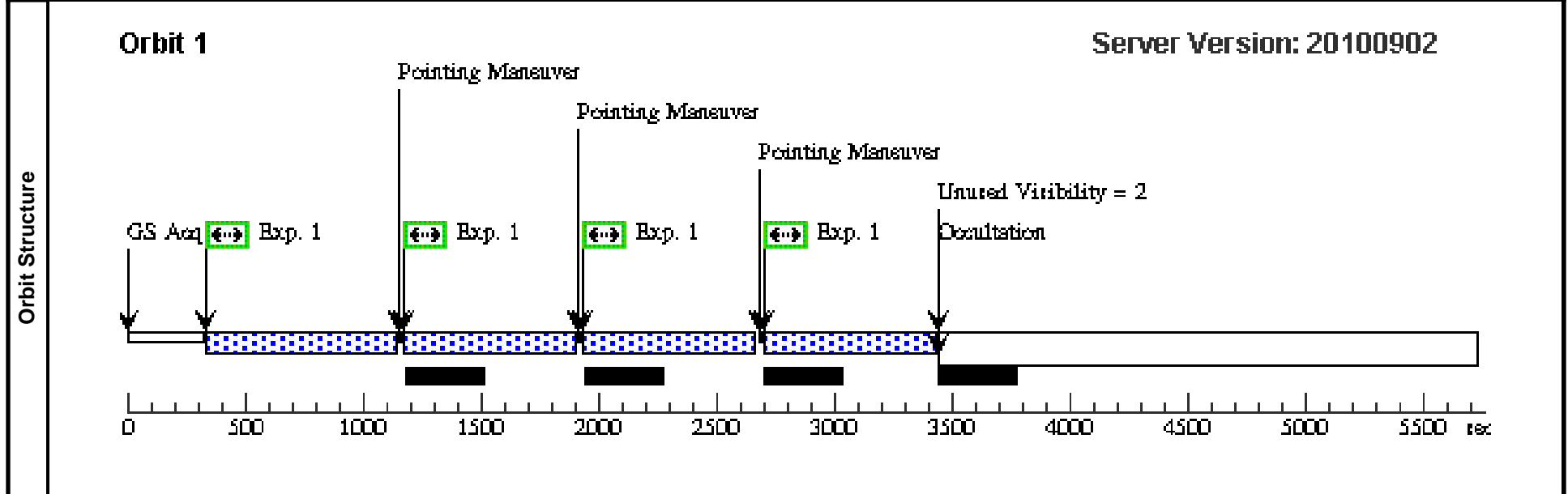
Wed Dec 01 02:21:26 GMT 2010

Visit	Proposal 12209, Visit 03, failed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	SDSSJ0747+5055 Alt Name1: 3677-55205-0551	RA: 07 47 24.1200 (116.8505000d) Dec: +50 55 37.50 (50.92708d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=18.92	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) SDSSJ0747+5055 5	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 03 (1)	500 Secs [==>604.0 Secs (Pattern 1)] [==>604.0 Secs (Pattern 2)] [==>604.0 Secs (Pattern 3)] [==>604.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 04A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

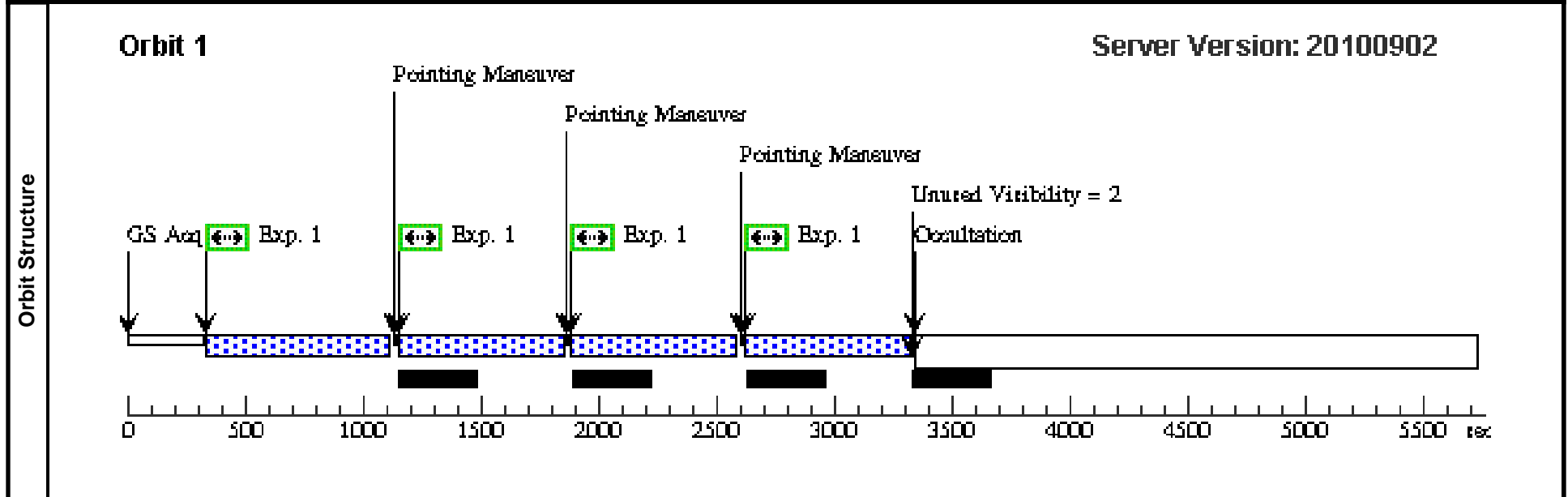
Wed Dec 01 02:21:27 GMT 2010

Visit	Proposal 12209, Visit 04, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	SDSSJ0747+4448 Alt Name1: 3676-55186-0581	RA: 07 47 34.7500 (116.8947917d) Dec: +44 48 59.30 (44.81647d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=18.89	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) SDSSJ0747+4448	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 04 (1)	500 Secs [=>578.0 Secs (Pattern 1)] [=>578.0 Secs (Pattern 2)] [=>578.0 Secs (Pattern 3)] [=>578.0 Secs (Pattern 4)]



Proposal 12209 - Visit 05A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

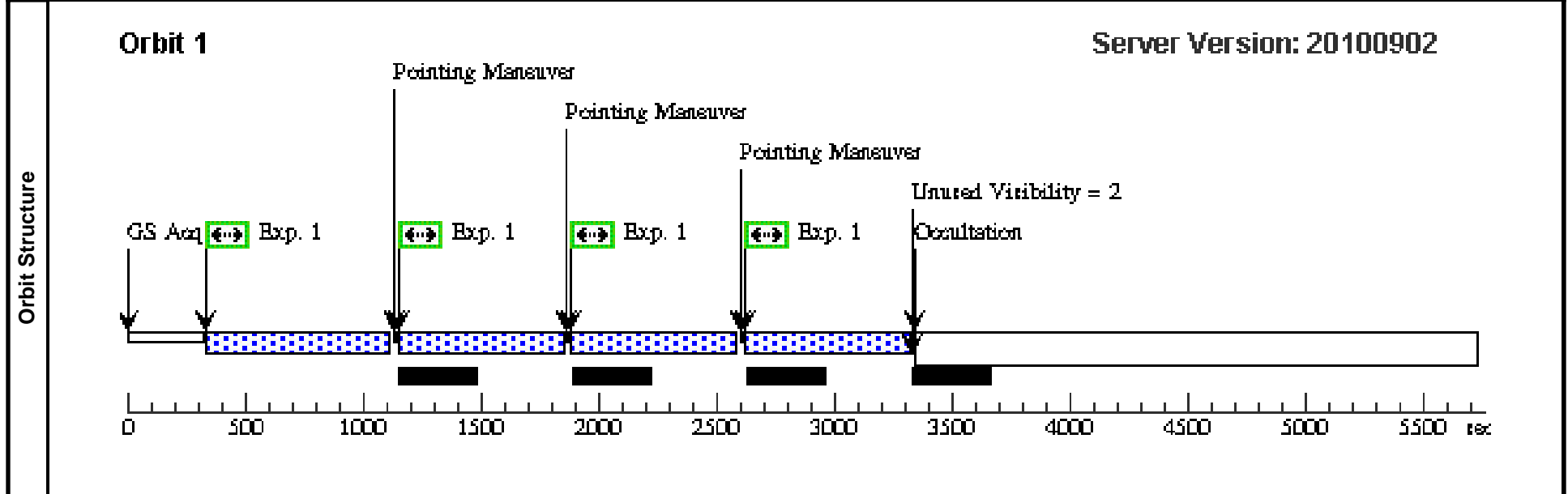
Wed Dec 01 02:21:28 GMT 2010

Visit	Proposal 12209, Visit 05, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	SDSSJ0757+4313 Alt Name1: 3676-55186-0063	RA: 07 57 54.1000 (119.4754167d) Dec: +43 13 53.80 (43.23161d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.48	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) SDSSJ0757+4313 3	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 05 (1)	500 Secs [=>578.0 Secs (Pattern 1)] [=>578.0 Secs (Pattern 2)] [=>578.0 Secs (Pattern 3)] [=>578.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 06A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

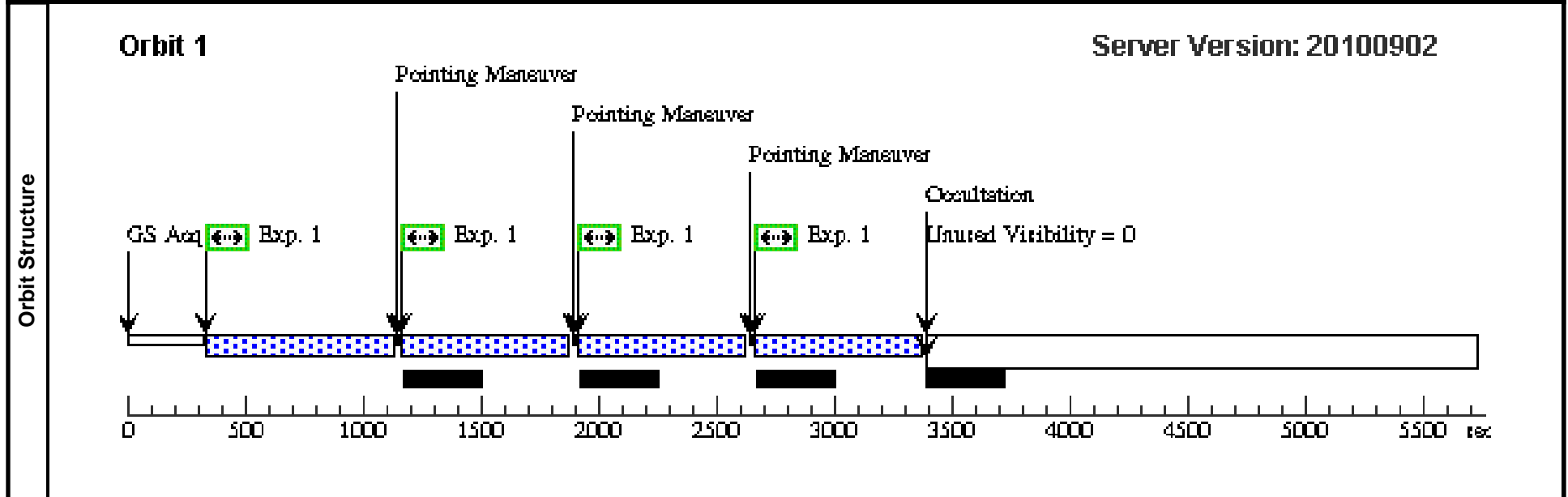
Wed Dec 01 02:21:28 GMT 2010

Visit	Proposal 12209, Visit 06, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	SDSSJ0801+4727	RA: 08 01 5.3000 (120.2720833d) Dec: +47 27 49.60 (47.46378d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.89	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(6) SDSSJ0801+4727 7	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 06 (1)	500 Secs [=>591.0 Secs (Pattern 1)] [=>591.0 Secs (Pattern 2)] [=>591.0 Secs (Pattern 3)] [=>591.0 Secs (Pattern 4)]



Proposal 12209 - Visit 07A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

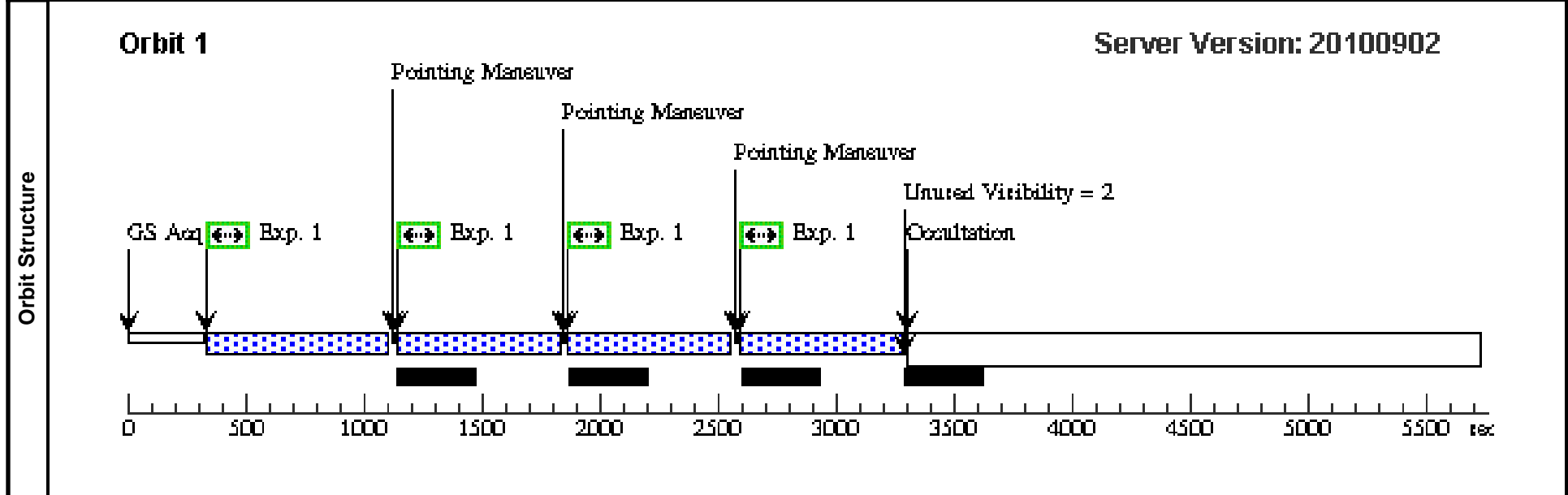
Wed Dec 01 02:21:29 GMT 2010

Visit	Proposal 12209, Visit 07, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	SDSSJ0821+3733 Alt Name1: 3760-55268-0699	RA: 08 21 30.6600 (125.3777500d) Dec: +37 33 30.70 (37.55853d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.28	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) SDSSJ0821+3733 3	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 07 (1)	500 Secs [=>568.0 Secs (Pattern 1)] [=>568.0 Secs (Pattern 2)] [=>568.0 Secs (Pattern 3)] [=>568.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 08A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

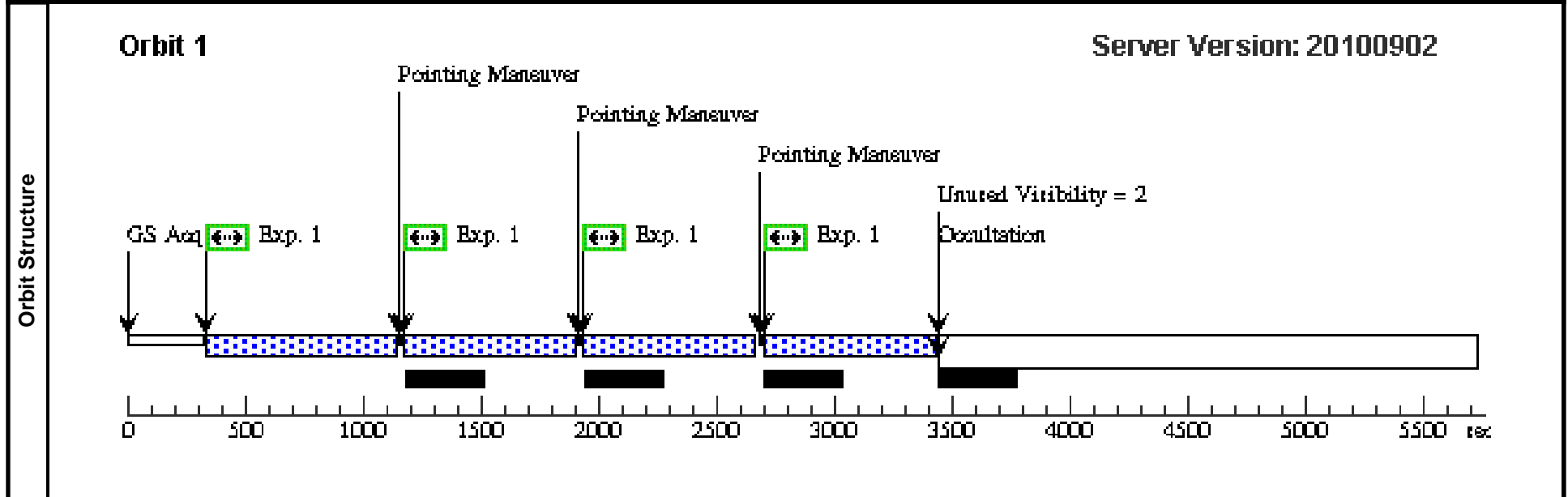
Wed Dec 01 02:21:30 GMT 2010

Visit	Proposal 12209, Visit 08, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	SDSSJ0830+5116 Alt Name1: 3695-55212-0142	RA: 08 30 49.7300 (127.7072083d) Dec: +51 16 31.80 (51.27550d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.55	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(8) SDSSJ0830+5116 6	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 i n Visit 08 (1)	500 Secs [==>604.0 Secs (Pattern 1)] [==>604.0 Secs (Pattern 2)] [==>604.0 Secs (Pattern 3)] [==>604.0 Secs (Pattern 4)]



Proposal 12209 - Visit 09A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

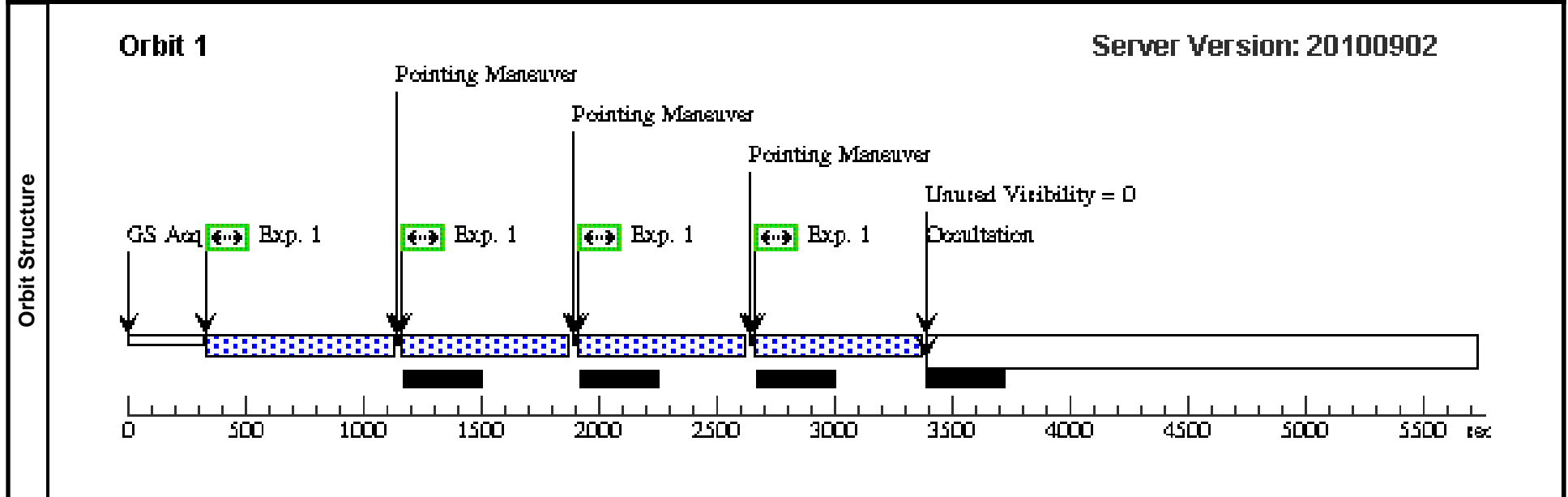
Wed Dec 01 02:21:30 GMT 2010

Visit	Proposal 12209, Visit 09, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(9)	SDSSJ0837+4937 Alt Name1: 3697-55290-0255	RA: 08 37 27.0200 (129.3625833d) Dec: +49 37 3.70 (49.61769d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.50	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(9) SDSSJ0837+4937 7	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 09 (1)	500 Secs [=>591.0 Secs (Pattern 1)] [=>591.0 Secs (Pattern 2)] [=>591.0 Secs (Pattern 3)] [=>591.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 10A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

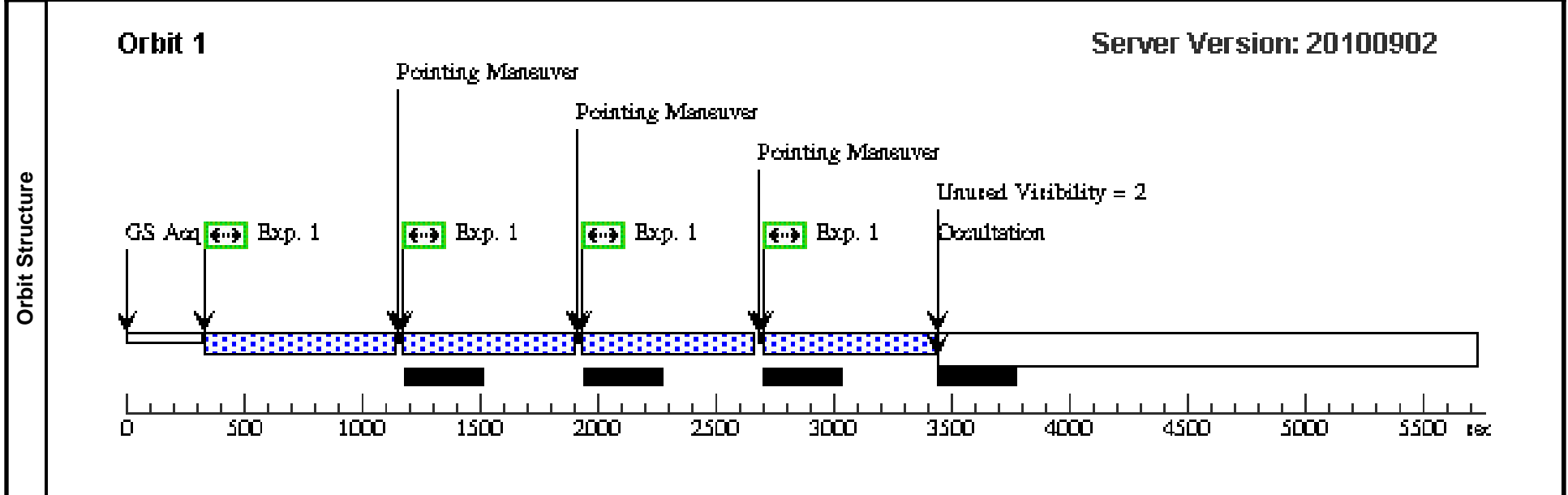
Wed Dec 01 02:21:31 GMT 2010

Visit	Proposal 12209, Visit 10, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	SDSSJ0840+5051	RA: 08 40 54.1900 (130.2257917d) Dec: +50 51 53.10 (50.86475d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.81	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(10) SDSSJ0840+5051	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 10 (1)	500 Secs [=>604.0 Secs (Pattern 1)] [=>604.0 Secs (Pattern 2)] [=>604.0 Secs (Pattern 3)] [=>604.0 Secs (Pattern 4)]



Proposal 12209 - Visit 11A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

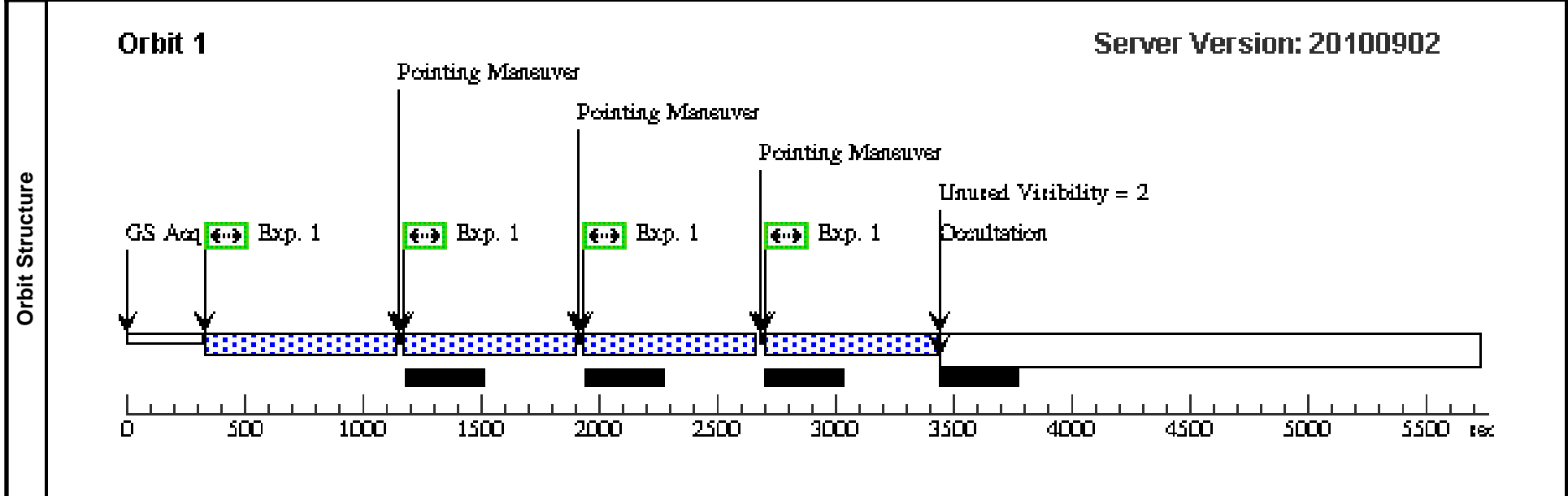
Wed Dec 01 02:21:31 GMT 2010

Visit	Proposal 12209, Visit 11, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	SDSSJ0841+5017 Alt Name1: 3697-55290-0087	RA: 08 41 21.7400 (130.3405833d) Dec: +50 17 20.40 (50.28900d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.50	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) SDSSJ0841+5017	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 11 (1)	500 Secs [=>604.0 Secs (Pattern 1)] [=>604.0 Secs (Pattern 2)] [=>604.0 Secs (Pattern 3)] [=>604.0 Secs (Pattern 4)]



Proposal 12209 - Visit 12A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

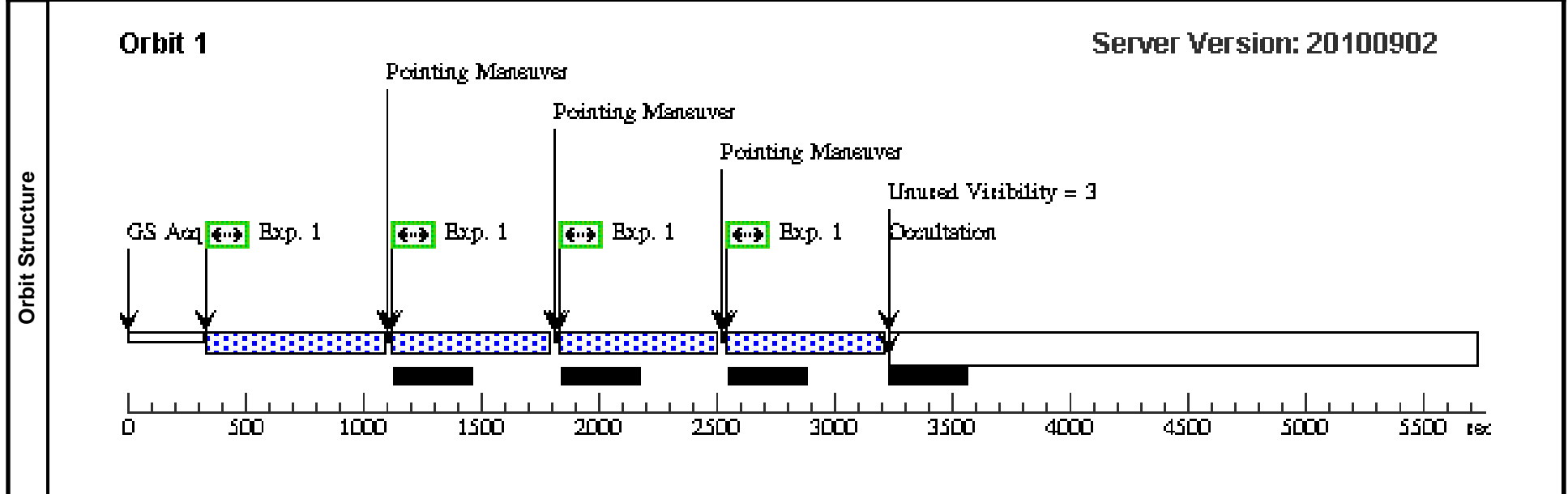
Wed Dec 01 02:21:32 GMT 2010

Visit	Proposal 12209, Visit 12, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	SDSSJ0915-0055	RA: 09 15 16.6000 (138.8191667d) Dec: -00 55 0.60 (-91683d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=18.46	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(12) SDSSJ0915-0055	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 12 (1)	500 Secs [=>551.0 Secs (Pattern 1)] [=>551.0 Secs (Pattern 2)] [=>551.0 Secs (Pattern 3)] [=>551.0 Secs (Pattern 4)]



Proposal 12209 - Visit 13A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

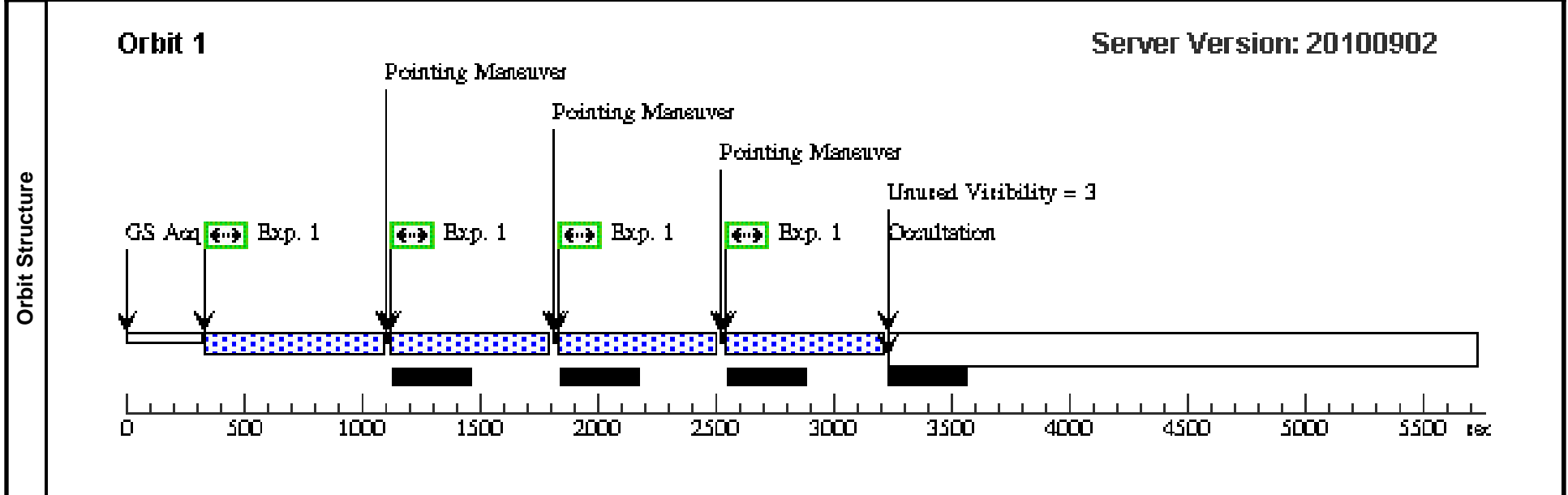
Wed Dec 01 02:21:32 GMT 2010

Visit	Proposal 12209, Visit 13, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(13)	SDSSJ0941-0104	RA: 09 41 2.6900 (145.2612083d) Dec: -01 04 2.50 (-1.06736d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.81	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(13) SDSSJ0941-0104	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-1 in Visit 13 (1)	500 Secs [=>551.0 Secs (Pattern 1)] [=>551.0 Secs (Pattern 2)] [=>551.0 Secs (Pattern 3)] [=>551.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 14A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

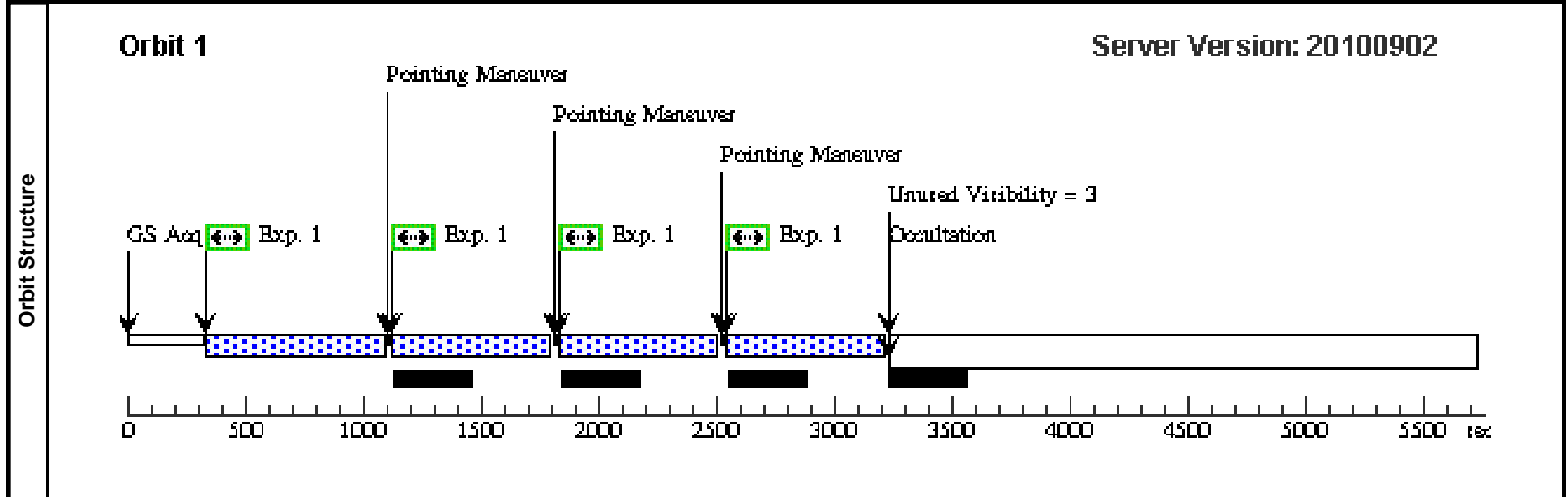
Wed Dec 01 02:21:33 GMT 2010

Visit	Proposal 12209, Visit 14, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	SDSSJ0944-0147	RA: 09 44 27.4700 (146.1144583d) Alt Name1: 3782-55244-0268	Dec: -01 47 42.40 (-1.79511d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.73

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(14) SDSSJ0944-0147	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 14 (1)	500 Secs [=>551.0 Secs (Pattern 1)] [=>551.0 Secs (Pattern 2)] [=>551.0 Secs (Pattern 3)] [=>551.0 Secs (Pattern 4)]



Proposal 12209 - Visit 15A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

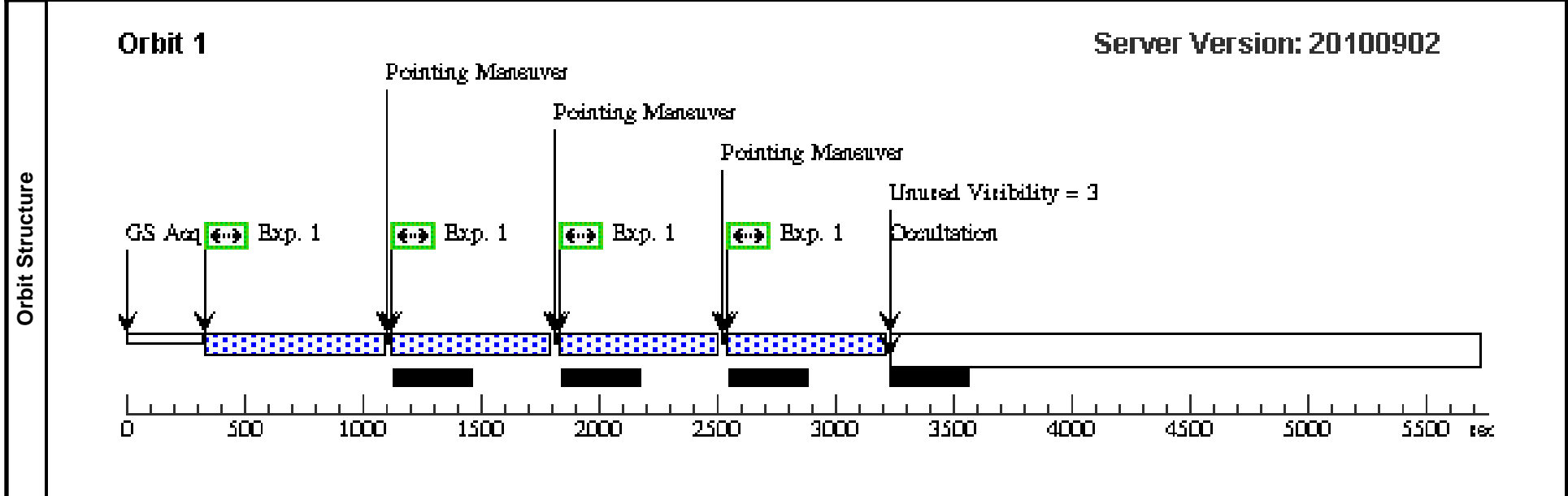
Wed Dec 01 02:21:33 GMT 2010

Visit	Proposal 12209, Visit 15, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	SDSSJ1016-0208	RA: 10 16 58.2900 (154.2428750d) Dec: -02 08 33.30 (-2.14258d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.39	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(15) SDSSJ1016-0208	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 15 (1)	500 Secs [=>551.0 Secs (Pattern 1)] [=>551.0 Secs (Pattern 2)] [=>551.0 Secs (Pattern 3)] [=>551.0 Secs (Pattern 4)]



Proposal 12209 - Visit 16A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

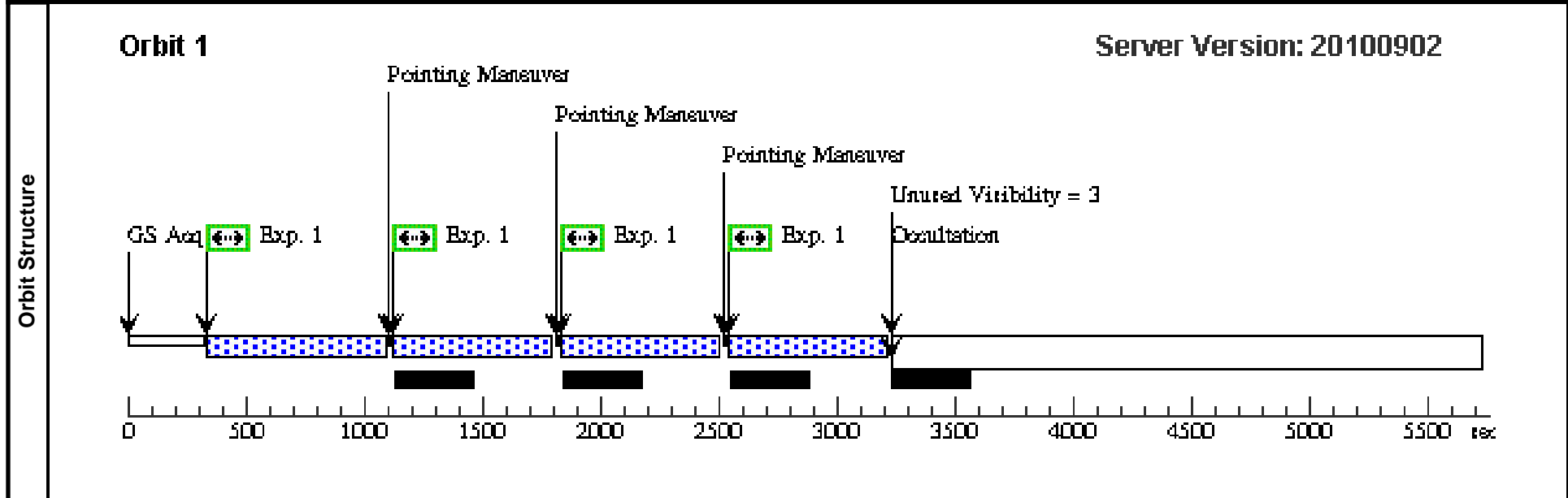
Wed Dec 01 02:21:34 GMT 2010

Visit	Proposal 12209, Visit 16, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	SDSSJ1039-0014	RA: 10 39 41.1600 (159.9215000d) Dec: -00 14 24.50 (-.24014d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.74	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(16) SDSSJ1039-0014	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1B3	Pattern 1, Exps 1-1 in Visit 16 (1)	500 Secs [=>551.0 Secs (Pattern 1)] [=>551.0 Secs (Pattern 2)] [=>551.0 Secs (Pattern 3)] [=>551.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 17A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

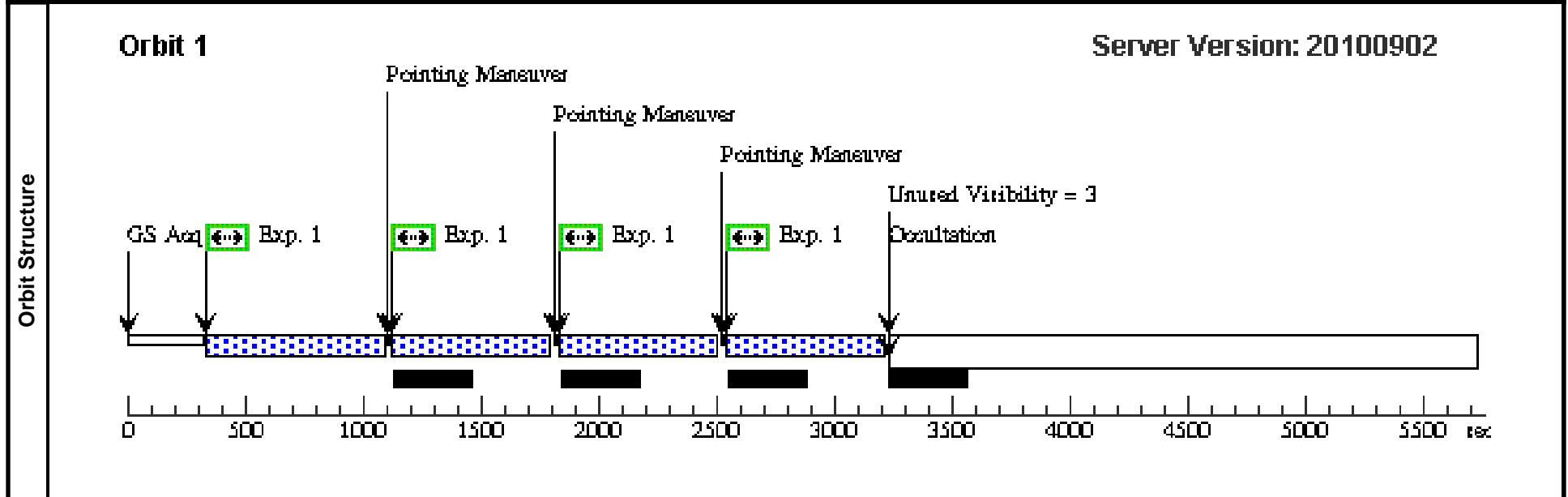
Wed Dec 01 02:21:35 GMT 2010

Visit	Proposal 12209, Visit 17, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(17)	SDSSJ1117-0133 Alt Name1: 3788-55246-0930	RA: 11 17 37.7200 (169.4071667d) Dec: -01 33 8.90 (-1.55247d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.54	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(17) SDSSJ1117-0133 3	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 17 (1)	500 Secs [=>551.0 Secs (Pattern 1)] [=>551.0 Secs (Pattern 2)] [=>551.0 Secs (Pattern 3)] [=>551.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 18A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

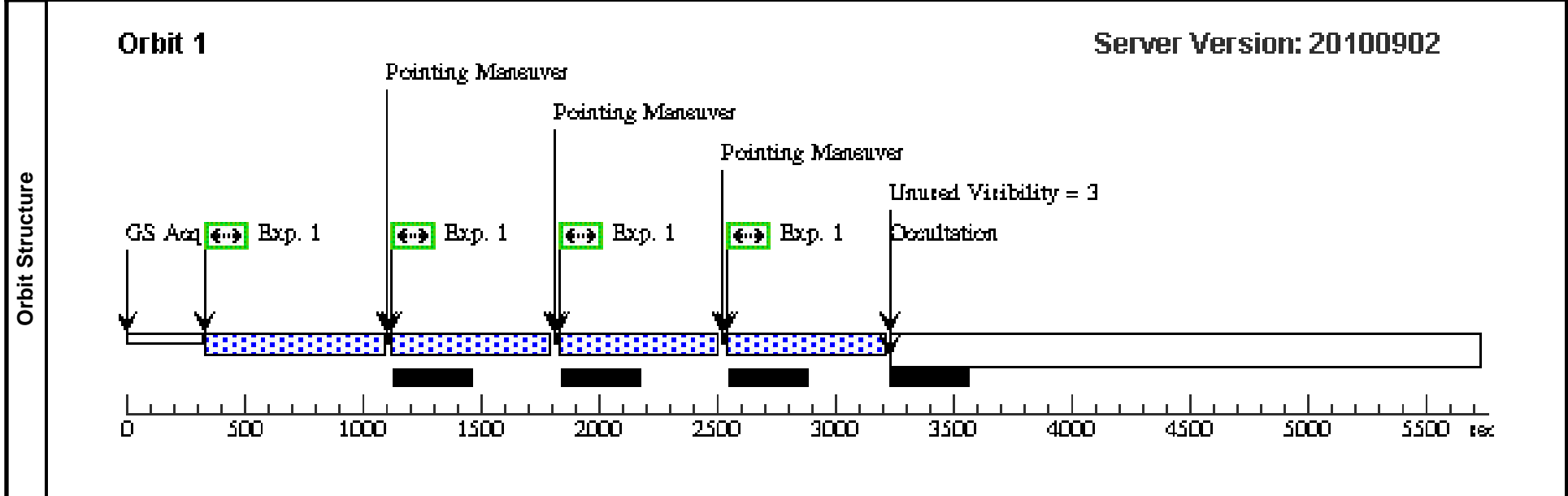
Wed Dec 01 02:21:35 GMT 2010

Visit	Proposal 12209, Visit 18, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(18)	SDSSJ1159-0007	RA: 11 59 44.6300 (179.9359583d) Dec: -00 07 28.20 (-.12450d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.68	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(18) SDSSJ1159-0007	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-1 in Visit 18 (1)	500 Secs [=>551.0 Secs (Pattern 1)] [=>551.0 Secs (Pattern 2)] [=>551.0 Secs (Pattern 3)] [=>551.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 19A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

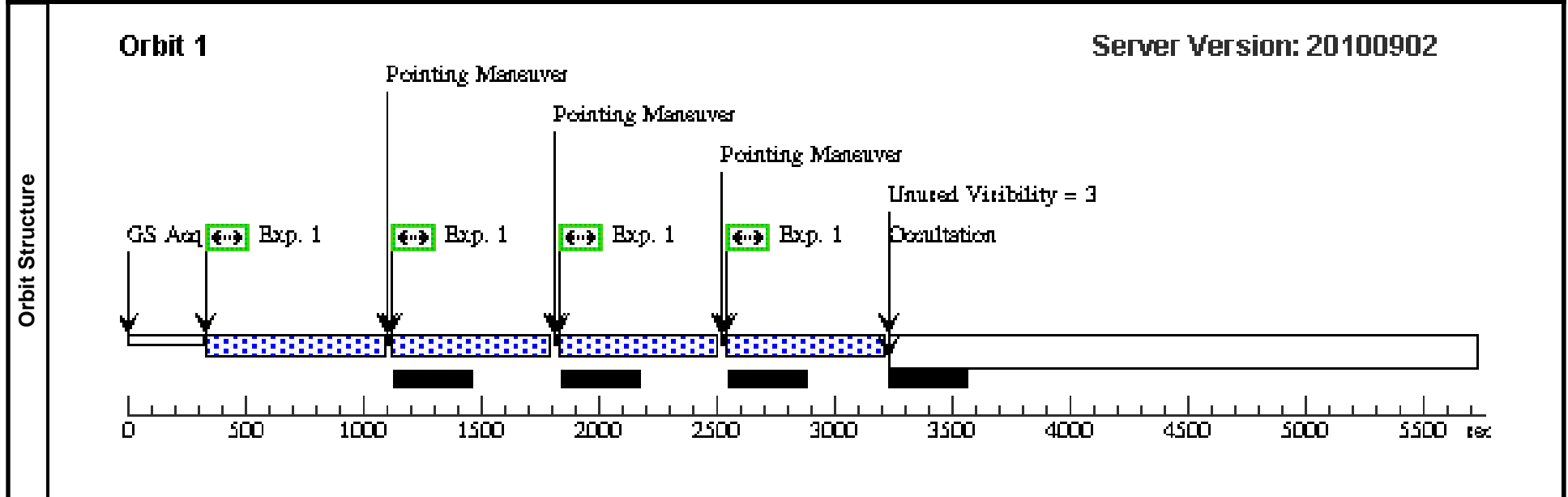
Wed Dec 01 02:21:36 GMT 2010

Visit	Proposal 12209, Visit 19, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(19)	SDSSJ1215+0047	RA: 12 15 4.4400 (183.7685000d) Dec: +00 47 26.00 (.79056d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.29	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(19) SDSSJ1215+0047	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 19 (1)	500 Secs [=>551.0 Secs (Pattern 1)] [=>551.0 Secs (Pattern 2)] [=>551.0 Secs (Pattern 3)] [=>551.0 Secs (Pattern 4)]



Proposal 12209 - Visit 20A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

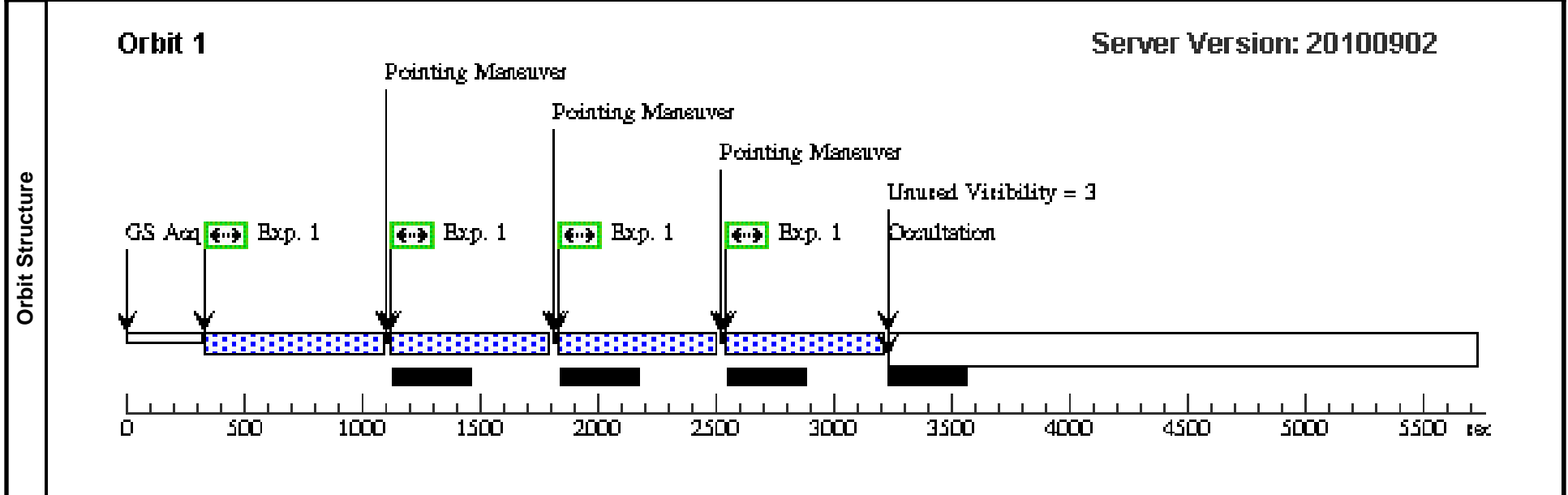
Wed Dec 01 02:21:36 GMT 2010

Visit	Proposal 12209, Visit 20, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(20)	SDSSJ1221-0220	RA: 12 21 13.2800 (185.3053333d) Dec: -02 20 37.80 (-2.34383d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.09	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(20) SDSSJ1221-022	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 20 (1)	500 Secs [=>551.0 Secs (Pattern 1)] [=>551.0 Secs (Pattern 2)] [=>551.0 Secs (Pattern 3)] [=>551.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 21A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

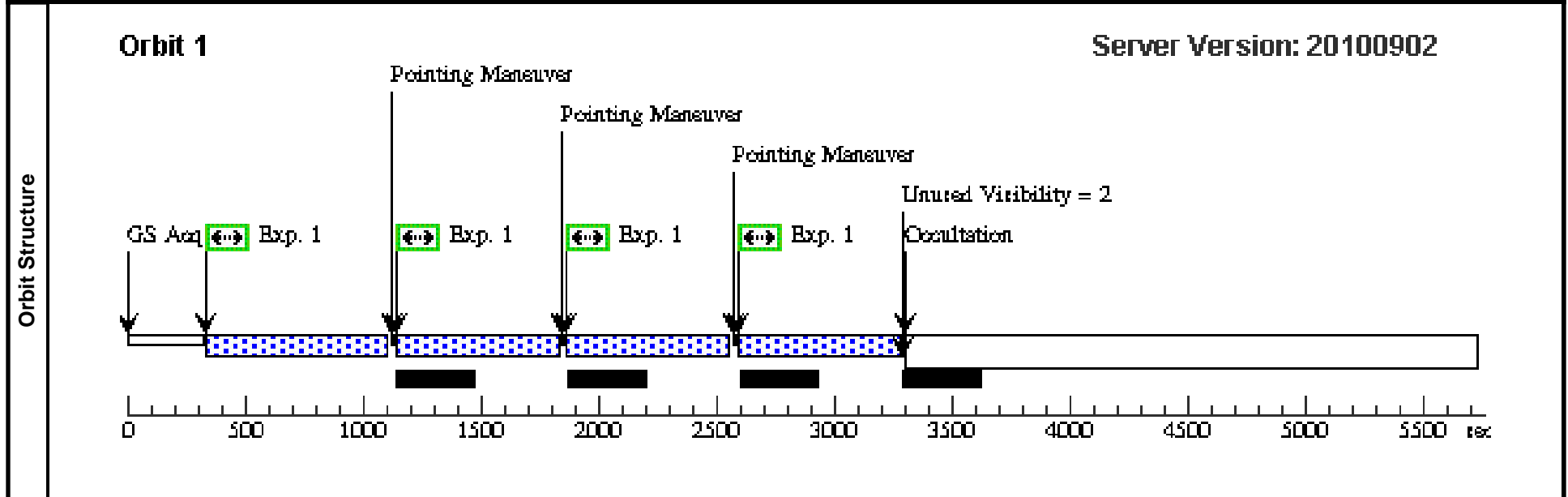
Wed Dec 01 02:21:36 GMT 2010

Visit	Proposal 12209, Visit 21, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(21)	SDSSJ1221+3806 Alt Name1: 3965-55302-0586	RA: 12 21 51.9200 (185.4663333d) Dec: +38 06 10.50 (38.10292d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.81	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(21) SDSSJ1221+3806	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 21 (1)	500 Secs [=>568.0 Secs (Pattern 1)] [=>568.0 Secs (Pattern 2)] [=>568.0 Secs (Pattern 3)] [=>568.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 22A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

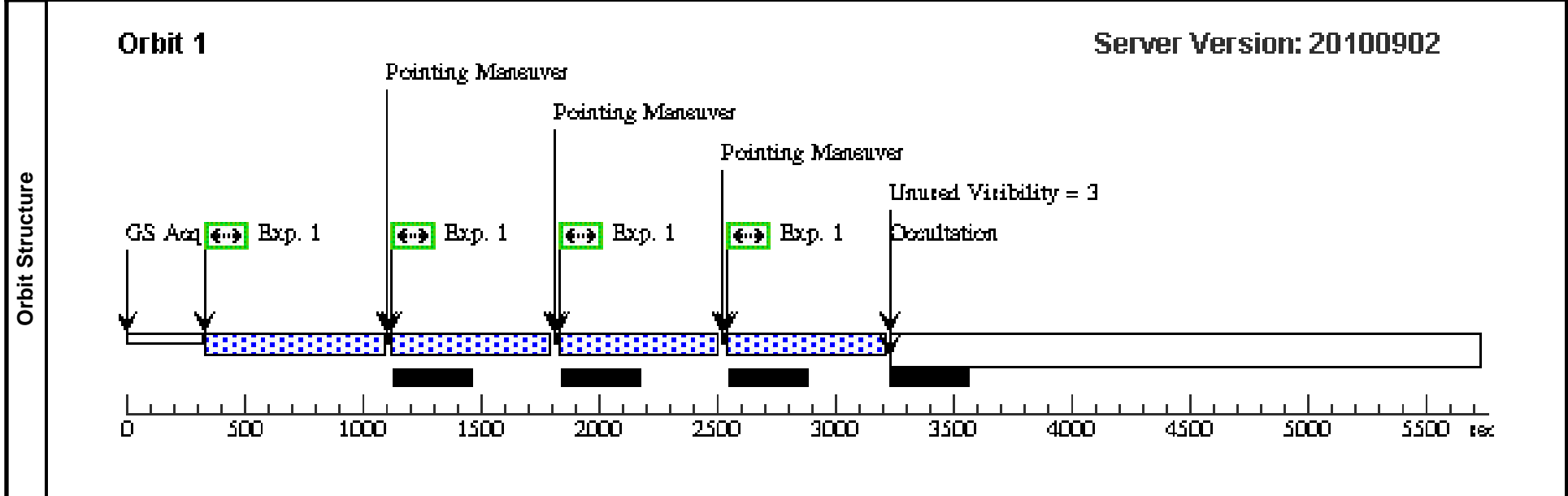
Wed Dec 01 02:21:37 GMT 2010

Visit	Proposal 12209, Visit 22, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(22)	SDSSJ1234-0241 Alt Name1: 3778-55213-0375	RA: 12 34 27.9900 (188.6166250d) Dec: -02 41 29.60 (-2.69156d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.18	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(22) SDSSJ1234-024 1	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 22 (1)	500 Secs [==>551.0 Secs (Pattern 1)] [==>551.0 Secs (Pattern 2)] [==>551.0 Secs (Pattern 3)] [==>551.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 23A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

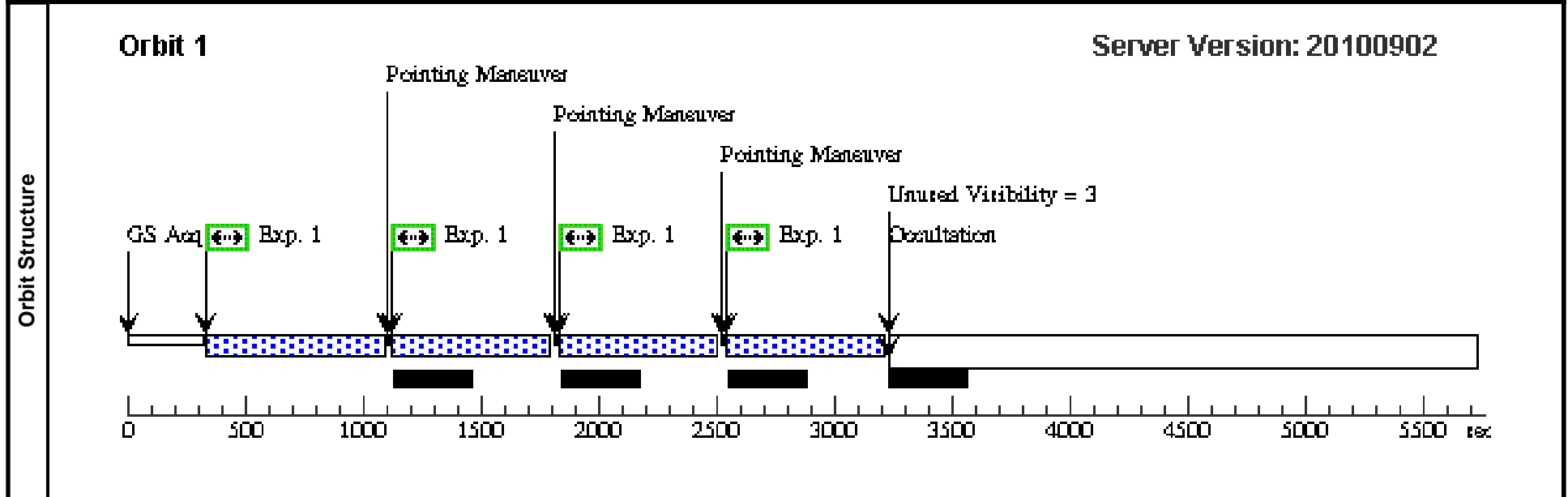
Wed Dec 01 02:21:37 GMT 2010

Visit	Proposal 12209, Visit 23, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(23)	SDSSJ1318-0104	RA: 13 18 29.3900 (199.6224583d) Alt Name1: 4004-55321-0121	Dec: -01 04 21.60 (-1.07267d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.75

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(23) SDSSJ1318-0104	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 23 (1)	500 Secs [=>551.0 Secs (Pattern 1)] [=>551.0 Secs (Pattern 2)] [=>551.0 Secs (Pattern 3)] [=>551.0 Secs (Pattern 4)]



Proposal 12209 - Visit 24A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

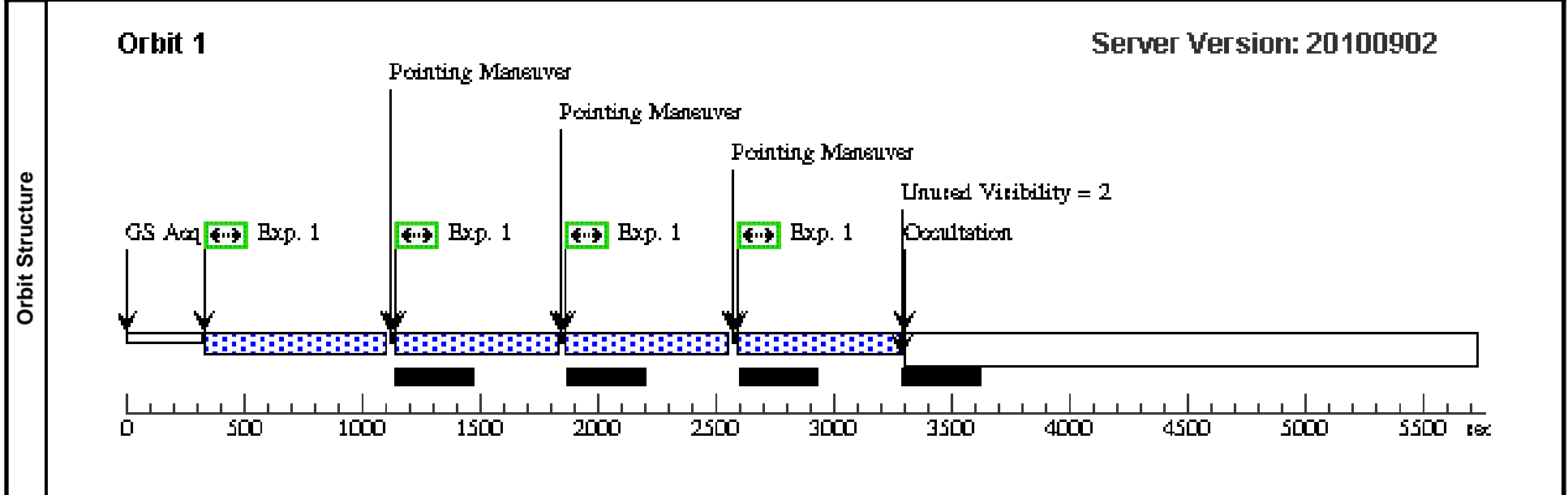
Wed Dec 01 02:21:38 GMT 2010

Visit	Proposal 12209, Visit 24, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(24)	SDSSJ1337+3620 Alt Name1: 3986-55329-0713	RA: 13 37 51.3100 (204.4637917d) Dec: +36 20 18.10 (36.33836d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.05	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(24) SDSSJ1337+3620	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 24 (1)	500 Secs [==>568.0 Secs (Pattern 1)] [==>568.0 Secs (Pattern 2)] [==>568.0 Secs (Pattern 3)] [==>568.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 25A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

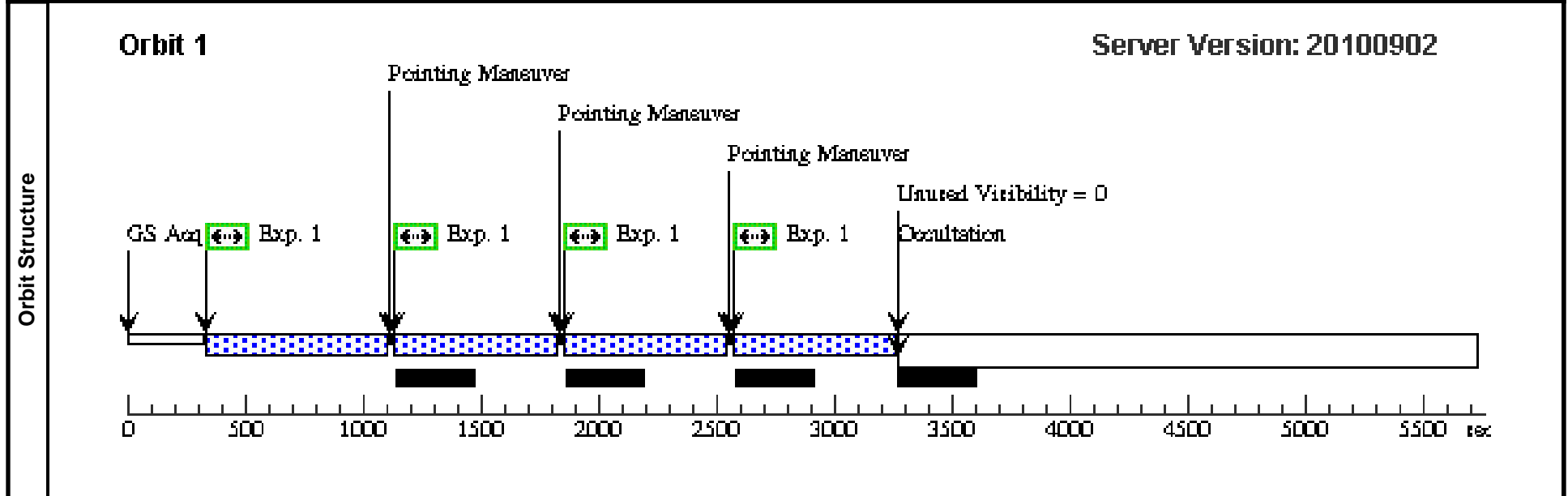
Wed Dec 01 02:21:38 GMT 2010

Visit	Proposal 12209, Visit 25, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(25)	SDSSJ1344+3258 Alt Name1: 3856-55269-0309	RA: 13 44 27.9600 (206.1165000d) Dec: +32 58 24.60 (32.97350d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.64	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(25) SDSSJ1344+3258	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 25 (1)	500 Secs [=>562.0 Secs (Pattern 1)] [=>562.0 Secs (Pattern 2)] [=>562.0 Secs (Pattern 3)] [=>562.0 Secs (Pattern 4)]



Proposal 12209 - Visit 26A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

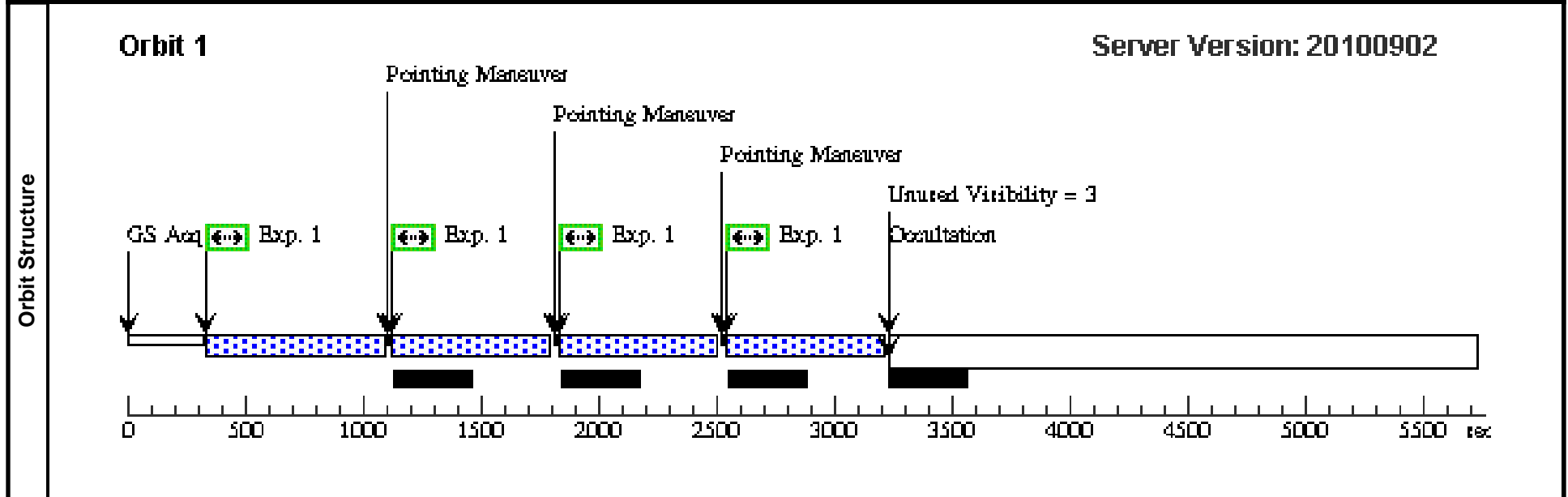
Wed Dec 01 02:21:39 GMT 2010

Visit	Proposal 12209, Visit 26, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(26)	SDSSJ1345-0129	RA: 13 45 7.6300 (206.2817917d) Dec: -01 29 39.80 (-1.49439d) Equinox: J2000	Alt Name1: 4044-55359-0603	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.81

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(26) SDSSJ1345-0129	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-1 in Visit 26 (1)	500 Secs	[1]
		9						[==>551.0 Secs (Pattern 1)] [==>551.0 Secs (Pattern 2)] [==>551.0 Secs (Pattern 3)] [==>551.0 Secs (Pattern 4)]		



Proposal 12209 - Visit 27A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

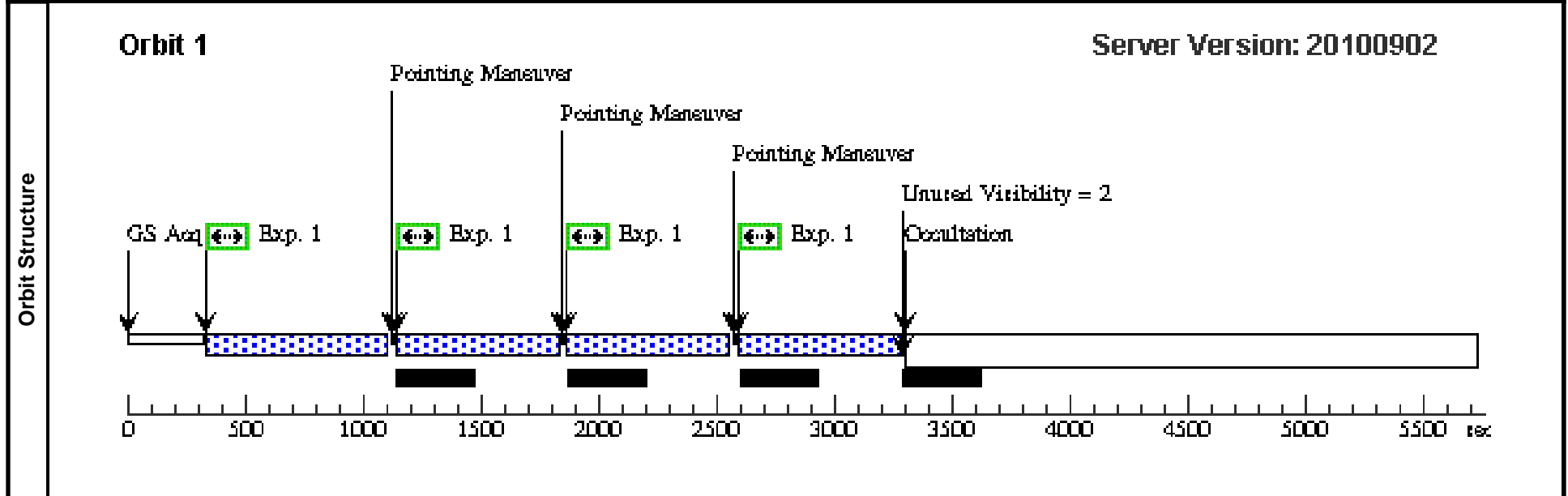
Wed Dec 01 02:21:40 GMT 2010

Visit	Proposal 12209, Visit 27, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(27)	SDSSJ1349+3612 Alt Name1: 3852-55243-0327	RA: 13 49 10.3000 (207.2929167d) Dec: +36 12 39.70 (36.21103d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=18.88	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(27) SDSSJ1349+3612	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 27 (1)	500 Secs [=>568.0 Secs (Pattern 1)] [=>568.0 Secs (Pattern 2)] [=>568.0 Secs (Pattern 3)] [=>568.0 Secs (Pattern 4)]



Proposal 12209 - Visit 28A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

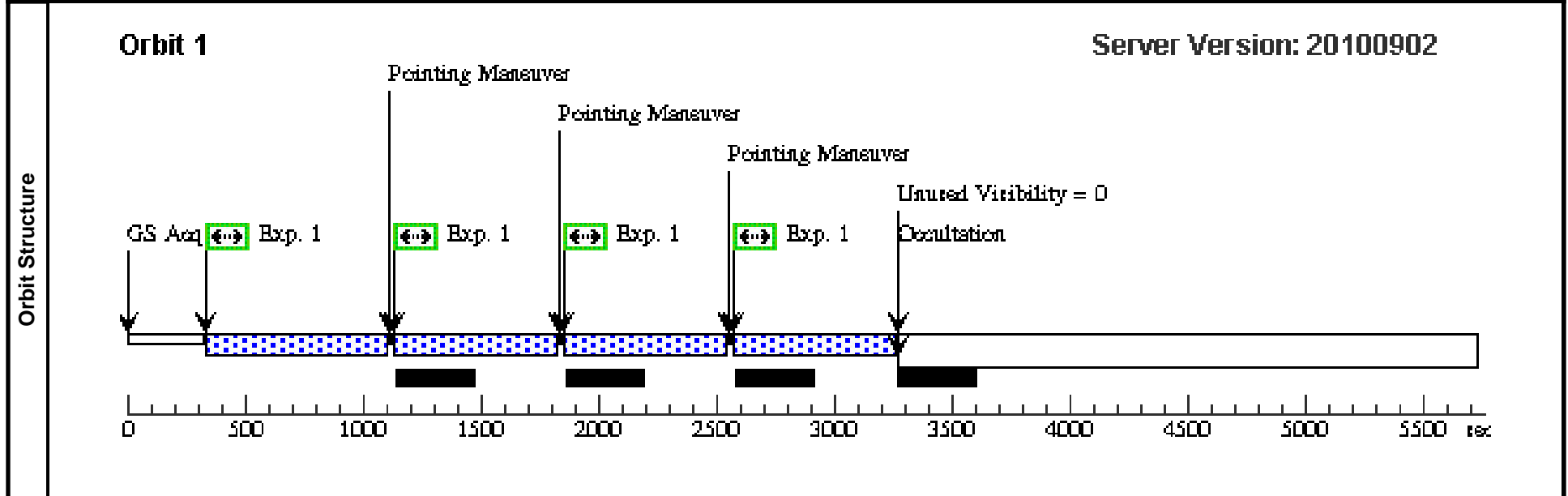
Wed Dec 01 02:21:40 GMT 2010

Visit	Proposal 12209, Visit 28, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(28)	SDSSJ1352+3216 Alt Name1: 3861-55274-0393	RA: 13 52 18.9900 (208.0791250d) Dec: +32 16 51.80 (32.28106d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.28	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(28) SDSSJ1352+3216	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 28 (1)	500 Secs [=>562.0 Secs (Pattern 1)] [=>562.0 Secs (Pattern 2)] [=>562.0 Secs (Pattern 3)] [=>562.0 Secs (Pattern 4)]



Proposal 12209 - Visit 29A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

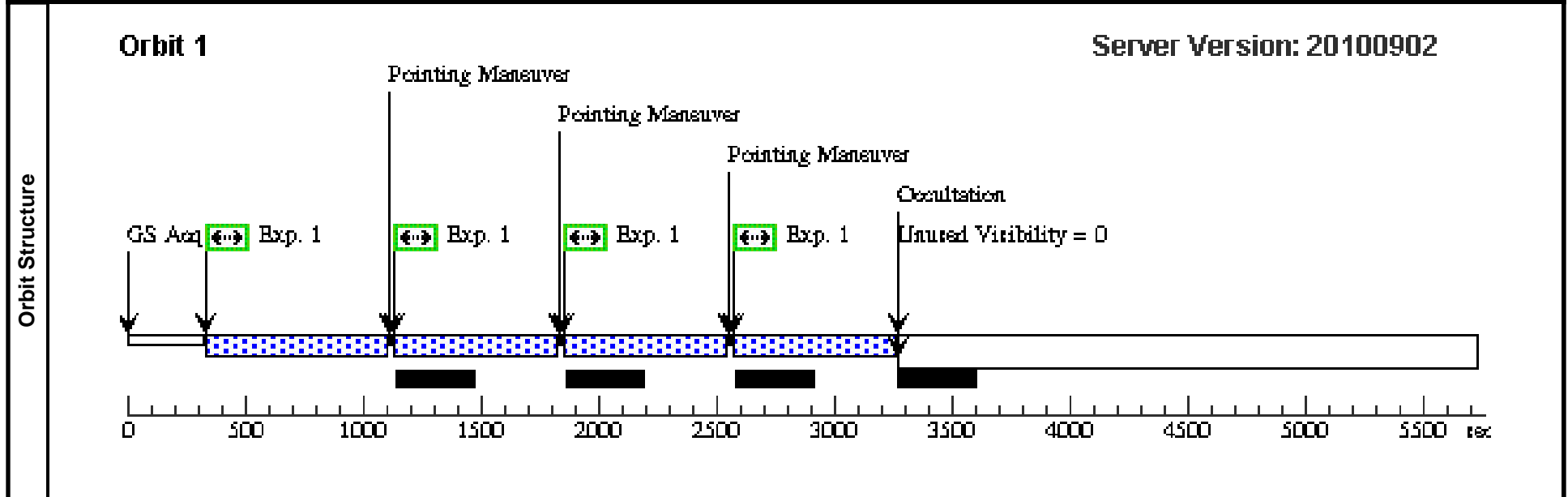
Wed Dec 01 02:21:40 GMT 2010

Visit	Proposal 12209, Visit 29, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(29)	SDSSJ1452+3323	RA: 14 52 59.1400 (223.2464167d)	Proper Motion RA: null	V=+/-	Reference Frame: ICRS
	Alt Name1: 3870-55273-0595	Dec: +33 23 49.40 (33.39706d)	Proper Motion Dec: null	i=19.19		
		Equinox: J2000	Epoch of Position: 2000.0			

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(29) SDSSJ1452+3323	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 29 (1)	500 Secs
		23							[=>562.0 Secs (Pattern 1)] [=>562.0 Secs (Pattern 2)] [=>562.0 Secs (Pattern 3)] [=>562.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 30A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

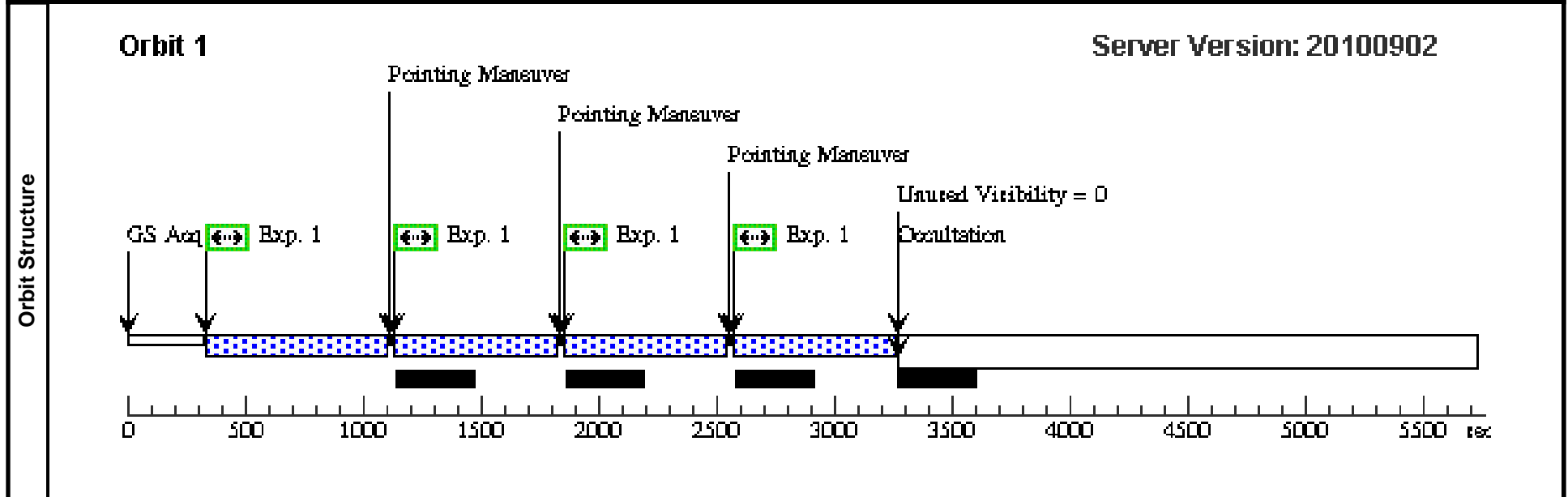
Wed Dec 01 02:21:41 GMT 2010

Visit	Proposal 12209, Visit 30, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(30)	SDSSJ1503+3225	RA: 15 03 45.6900 (225.9403750d) Dec: +32 25 42.10 (32.42836d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.49	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(30) SDSSJ1503+3225	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO	GS ACQ SCENARIO BASE1B3	Pattern 1, Exps 1-1 in Visit 30 (1)	500 Secs [=>562.0 Secs (Pattern 1)] [=>562.0 Secs (Pattern 2)] [=>562.0 Secs (Pattern 3)] [=>562.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 31A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

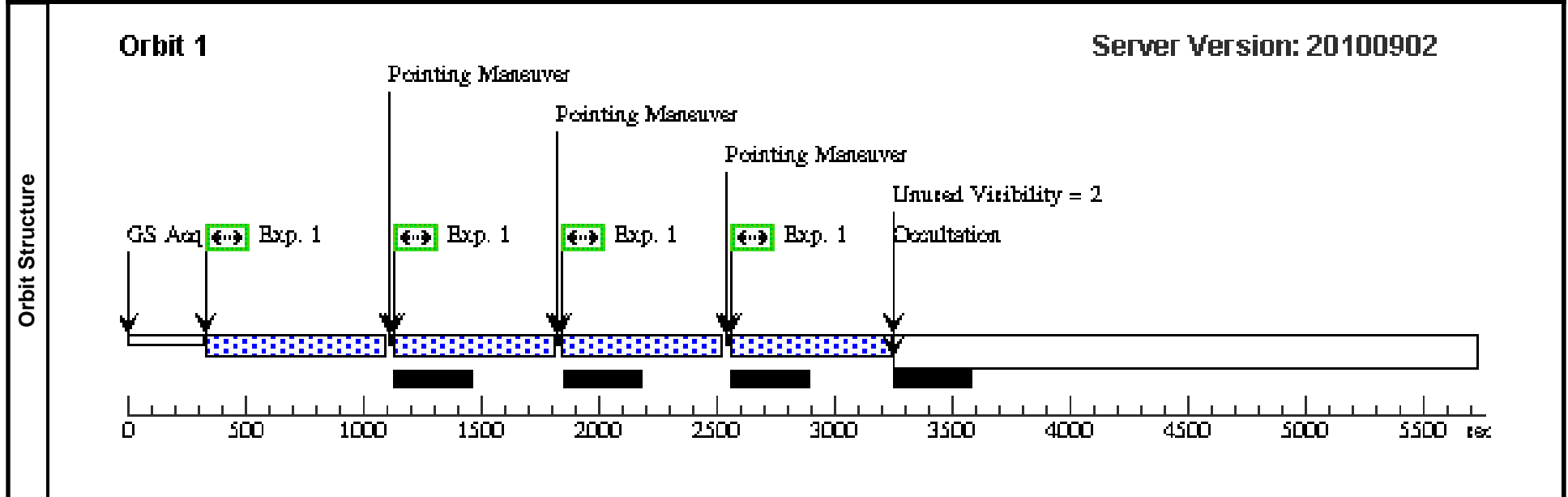
Wed Dec 01 02:21:42 GMT 2010

Visit	Proposal 12209, Visit 31, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(31)	SDSSJ1522+2910 Alt Name1: 3879-55244-0299	RA: 15 22 9.5400 (230.5397500d) Dec: +29 10 21.90 (29.17275d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.73	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(31) SDSSJ1522+2910	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 31 (1)	500 Secs [==>557.0 Secs (Pattern 1)] [==>557.0 Secs (Pattern 2)] [==>557.0 Secs (Pattern 3)] [==>557.0 Secs (Pattern 4)]



Proposal 12209 - Visit 32A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

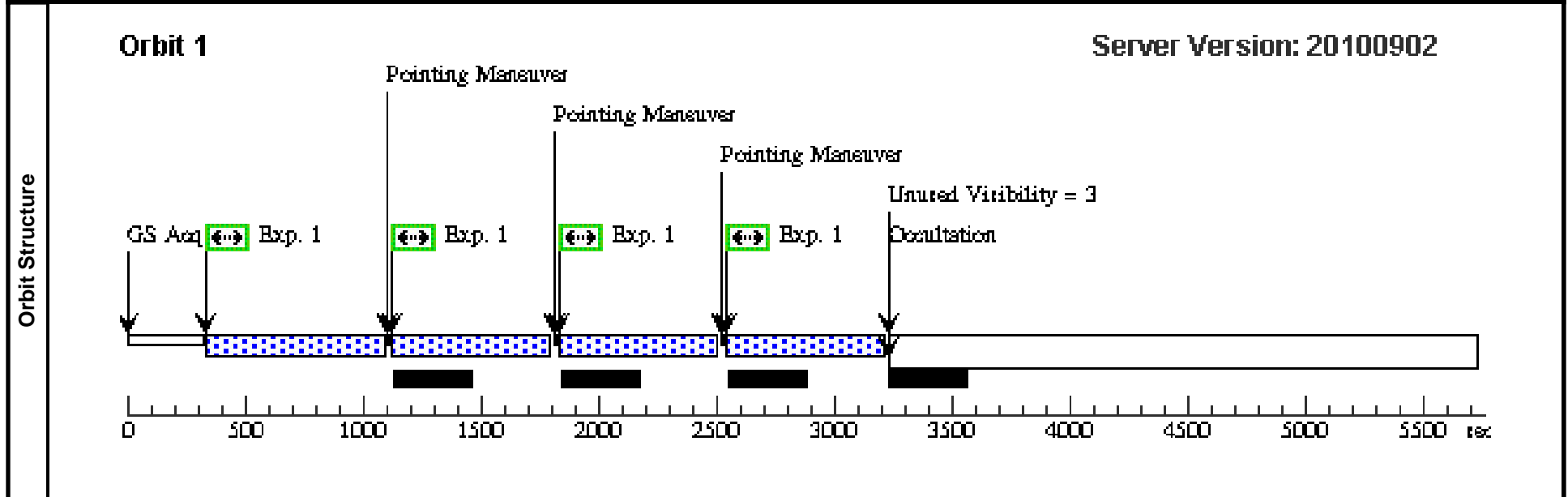
Wed Dec 01 02:21:42 GMT 2010

Visit	Proposal 12209, Visit 32, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(32)	SDSSJ1537+0220	RA: 15 37 30.2700 (234.3761250d)	Proper Motion RA: null	V=+/-	Reference Frame: ICRS
	Alt Name1: 4054-55358-0809	Dec: +02 20 36.90 (2.34358d)	Proper Motion Dec: null	i=19.64		
		Equinox: J2000	Epoch of Position: 2000.0			

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(32) SDSSJ1537+0220	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 32 (1)	500 Secs	
								[=>551.0 Secs (Pattern 1)]	[1]	
								[=>551.0 Secs (Pattern 2)]		
								[=>551.0 Secs (Pattern 3)]		
								[=>551.0 Secs (Pattern 4)]		



Proposal 12209 - Visit 33A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

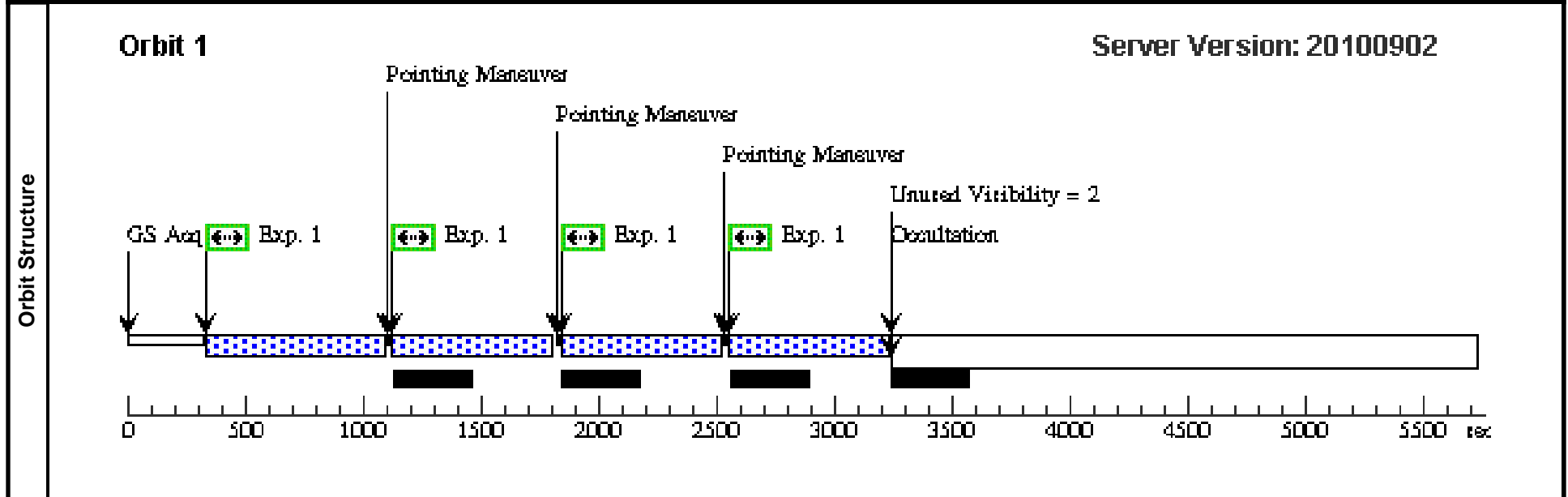
Wed Dec 01 02:21:42 GMT 2010

Visit	Proposal 12209, Visit 33, failed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(33)	SDSSJ1541+1812 Alt Name1: 3937-55352-0361	RA: 15 41 18.5600 (235.3273333d) Dec: +18 12 35.10 (18.20975d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.86	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(33) SDSSJ1541+1812	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 33 (1)	500 Secs [=>555.0 Secs (Pattern 1)] [=>555.0 Secs (Pattern 2)] [=>555.0 Secs (Pattern 3)] [=>555.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 34A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

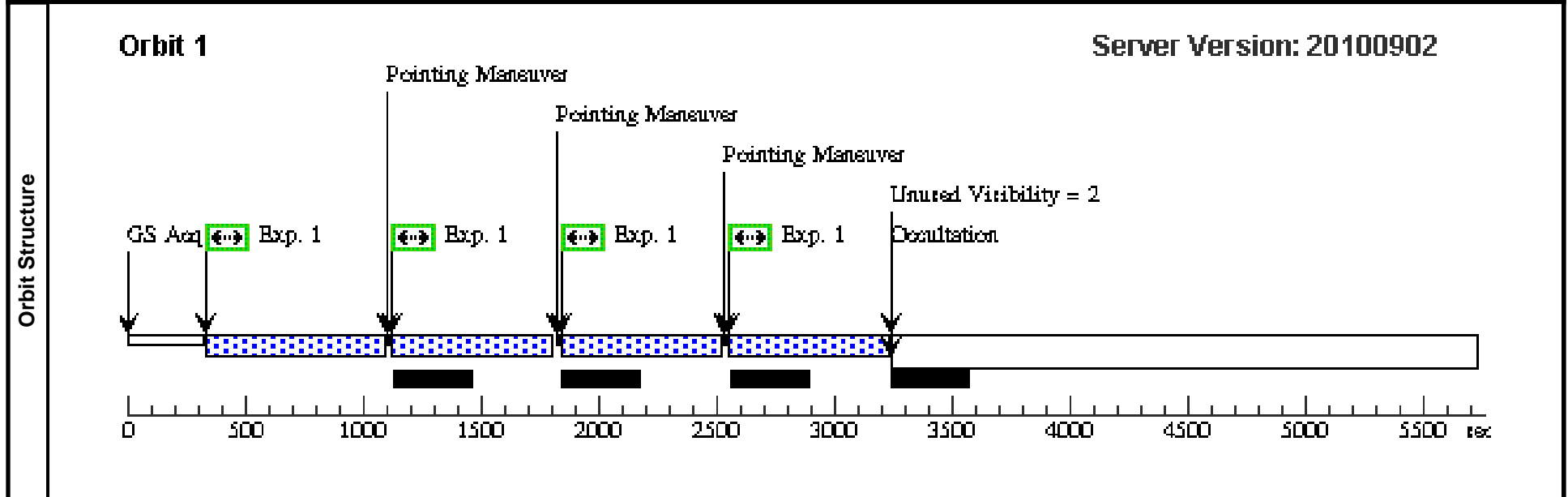
Wed Dec 01 02:21:42 GMT 2010

Visit	Proposal 12209, Visit 34, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(34)	SDSSJ1542+1629 Alt Name1: 3932-55337-0331	RA: 15 42 46.3300 (235.6930417d) Dec: +16 29 51.80 (16.49772d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=18.39	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(34) SDSSJ1542+1629	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 34 (1)	500 Secs [=>555.0 Secs (Pattern 1)] [=>555.0 Secs (Pattern 2)] [=>555.0 Secs (Pattern 3)] [=>555.0 Secs (Pattern 4)]



Proposal 12209 - Visit 35A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

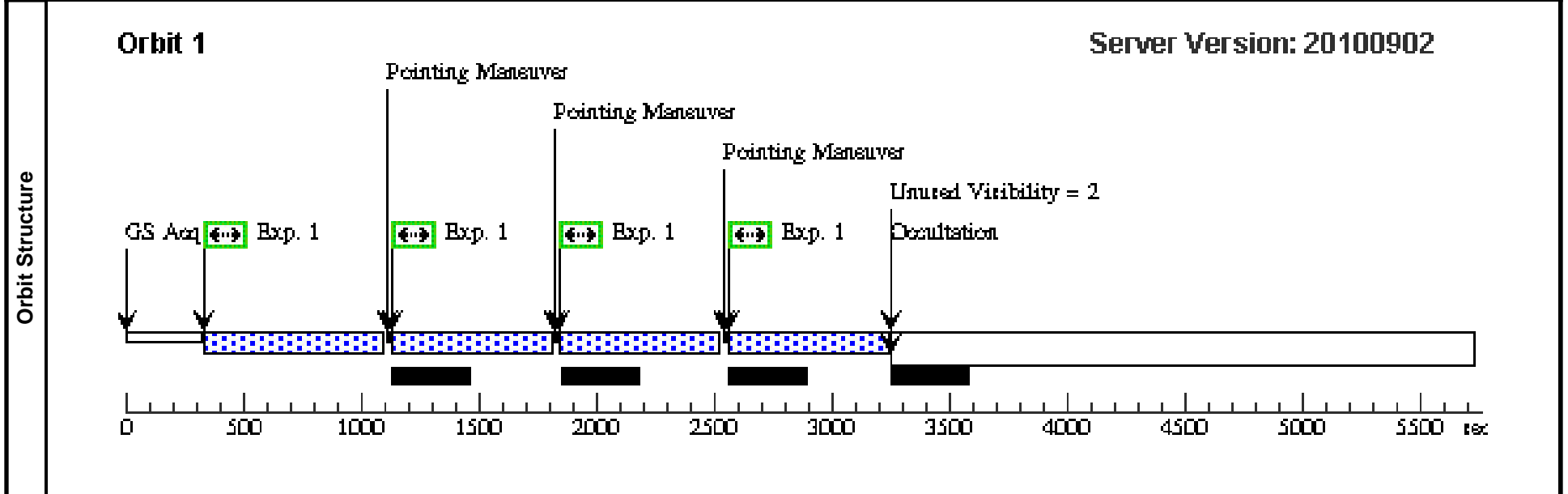
Wed Dec 01 02:21:43 GMT 2010

Visit	Proposal 12209, Visit 35, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(35)	SDSSJ1545+2748 Alt Name1: 3952-55330-0927	RA: 15 45 3.5700 (236.2648750d) Dec: +27 48 5.30 (27.80147d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.00	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(35) SDSSJ1545+2748	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 35 (1)	500 Secs [=>557.0 Secs (Pattern 1)] [=>557.0 Secs (Pattern 2)] [=>557.0 Secs (Pattern 3)] [=>557.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 36A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

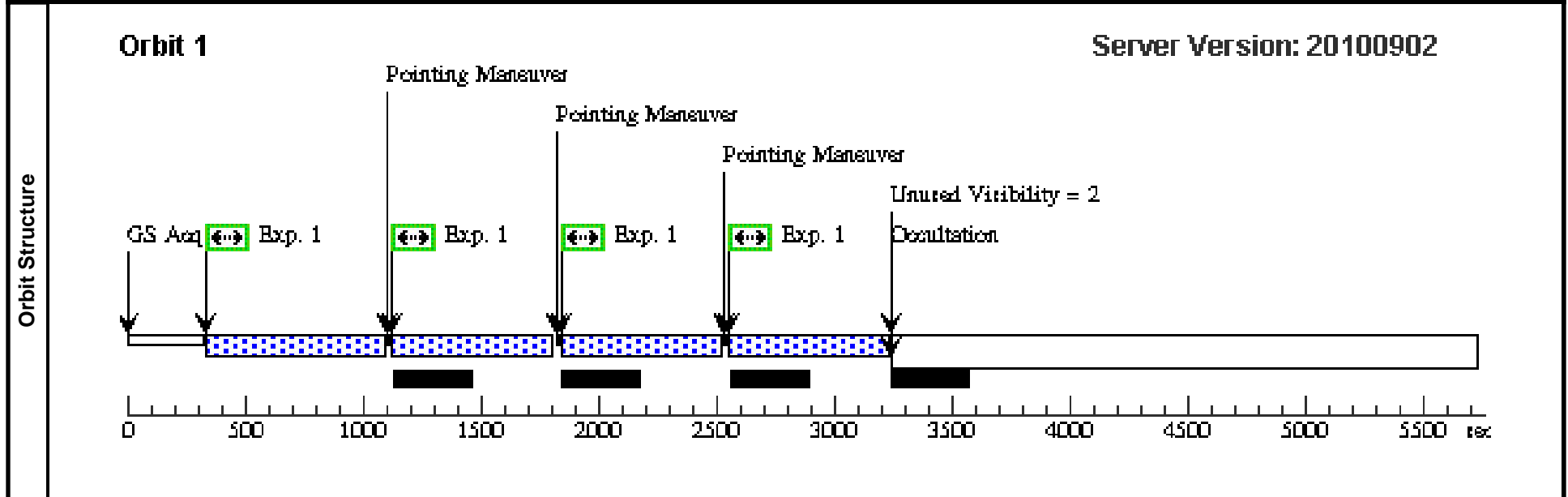
Wed Dec 01 02:21:43 GMT 2010

Visit	Proposal 12209, Visit 36, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(36)	SDSSJ1601+2138 Alt Name1: 3935-55326-0093	RA: 16 01 13.2700 (240.3052917d) Dec: +21 38 33.90 (21.64275d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.75	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(36) SDSSJ1601+2138	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 36 (1)	500 Secs [=>555.0 Secs (Pattern 1)] [=>555.0 Secs (Pattern 2)] [=>555.0 Secs (Pattern 3)] [=>555.0 Secs (Pattern 4)]



Proposal 12209 - Visit 37A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

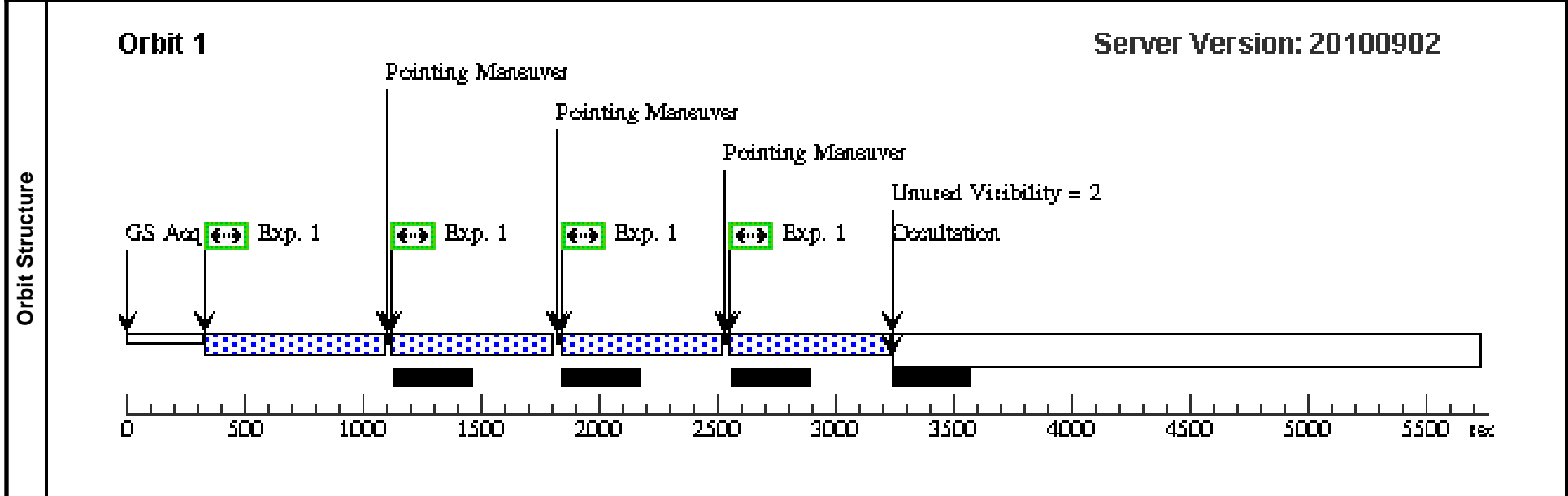
Wed Dec 01 02:21:43 GMT 2010

Visit	Proposal 12209, Visit 37, failed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(37)	SDSSJ1611+1705 Alt Name1: 4072-55362-0847	RA: 16 11 9.8000 (242.7908333d) Dec: +17 05 26.60 (17.09072d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.70	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(37) SDSSJ1611+1705	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 37 (1)	500 Secs [=>555.0 Secs (Pattern 1)] [=>555.0 Secs (Pattern 2)] [=>555.0 Secs (Pattern 3)] [=>555.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 38A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

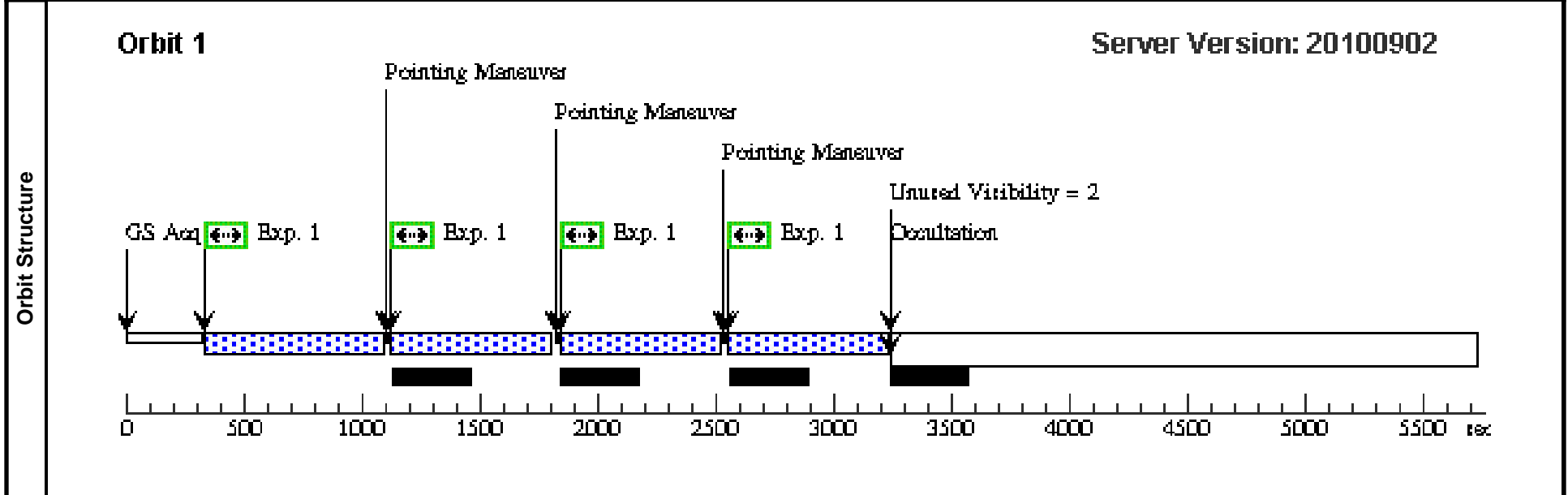
Wed Dec 01 02:21:44 GMT 2010

Visit	Proposal 12209, Visit 38, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(38)	SDSSJ1615+2056	RA: 16 15 23.5500 (243.8481250d)	Proper Motion RA: null	V=+/-	Reference Frame: ICRS
	Alt Name1: 4057-55357-0610	Dec: +20 56 36.30 (20.94342d)	Proper Motion Dec: null	i=18.74		
		Equinox: J2000	Epoch of Position: 2000.0			

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(38) SDSSJ1615+2056	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 38 (1)	500 Secs
		56							[=>555.0 Secs (Pattern 1)] [=>555.0 Secs (Pattern 2)] [=>555.0 Secs (Pattern 3)] [=>555.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 39A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

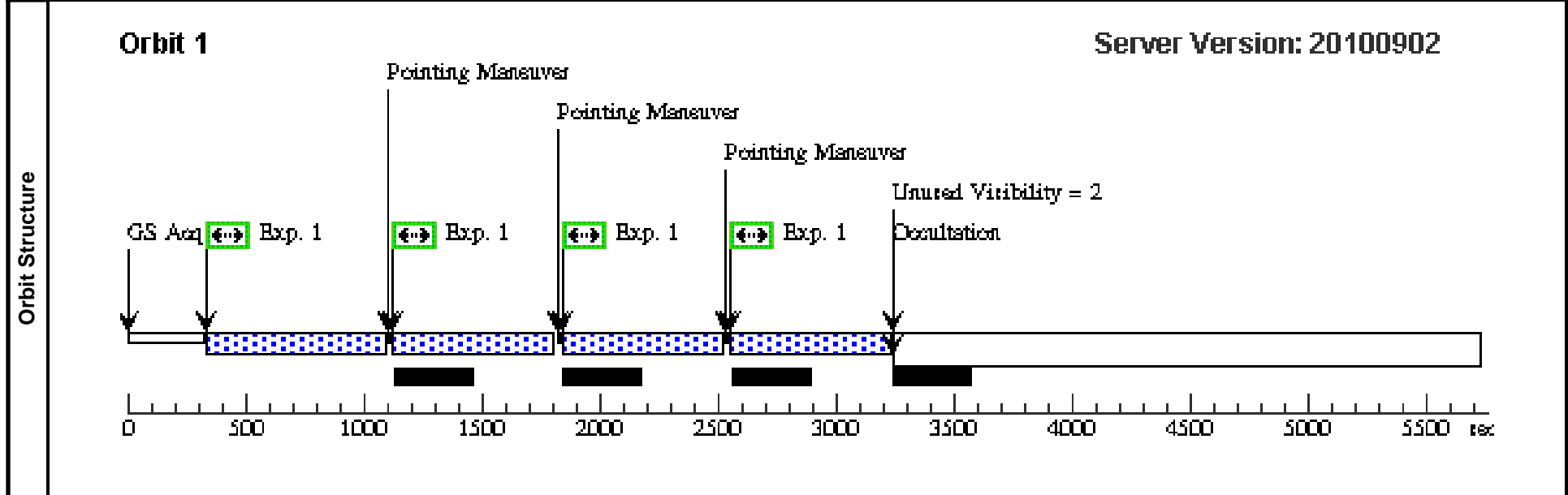
Wed Dec 01 02:21:44 GMT 2010

Visit	Proposal 12209, Visit 39, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(39)	SDSSJ1618+1930	RA: 16 18 46.7400 (244.6947500d)	Proper Motion RA: null	V=+/-	Reference Frame: ICRS
	Alt Name1: 4057-55357-0201	Dec: +19 30 26.70 (19.50742d)	Proper Motion Dec: null	i=19.93		
		Equinox: J2000	Epoch of Position: 2000.0			

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(39) SDSSJ1618+1930	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 39 (1)	500 Secs	
	30							[=>555.0 Secs (Pattern 1)] [=>555.0 Secs (Pattern 2)] [=>555.0 Secs (Pattern 3)] [=>555.0 Secs (Pattern 4)]	[1]	



Proposal 12209 - Visit 40A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

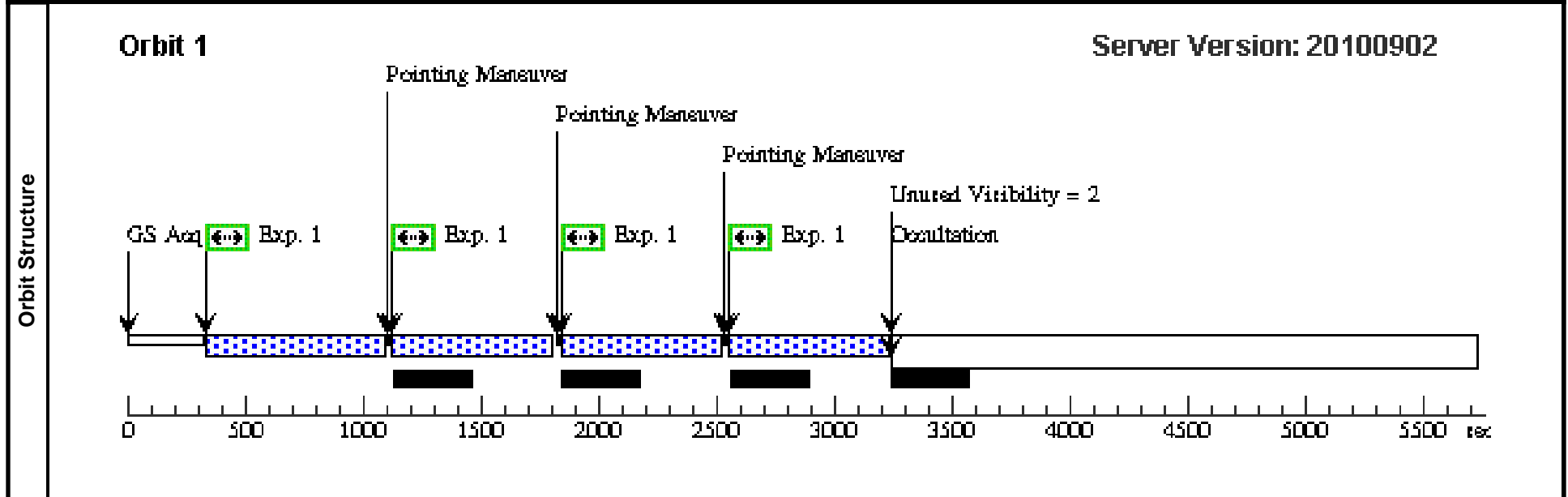
Wed Dec 01 02:21:45 GMT 2010

Visit	Proposal 12209, Visit 40, failed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(40)	SDSSJ1627+1910 Alt Name1: 4060-55359-0075	RA: 16 27 54.5700 (246.9773750d) Dec: +19 10 4.90 (19.16803d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.59	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(40) SDSSJ1627+1910	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 40 (1)	500 Secs [=>555.0 Secs (Pattern 1)] [=>555.0 Secs (Pattern 2)] [=>555.0 Secs (Pattern 3)] [=>555.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 41A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

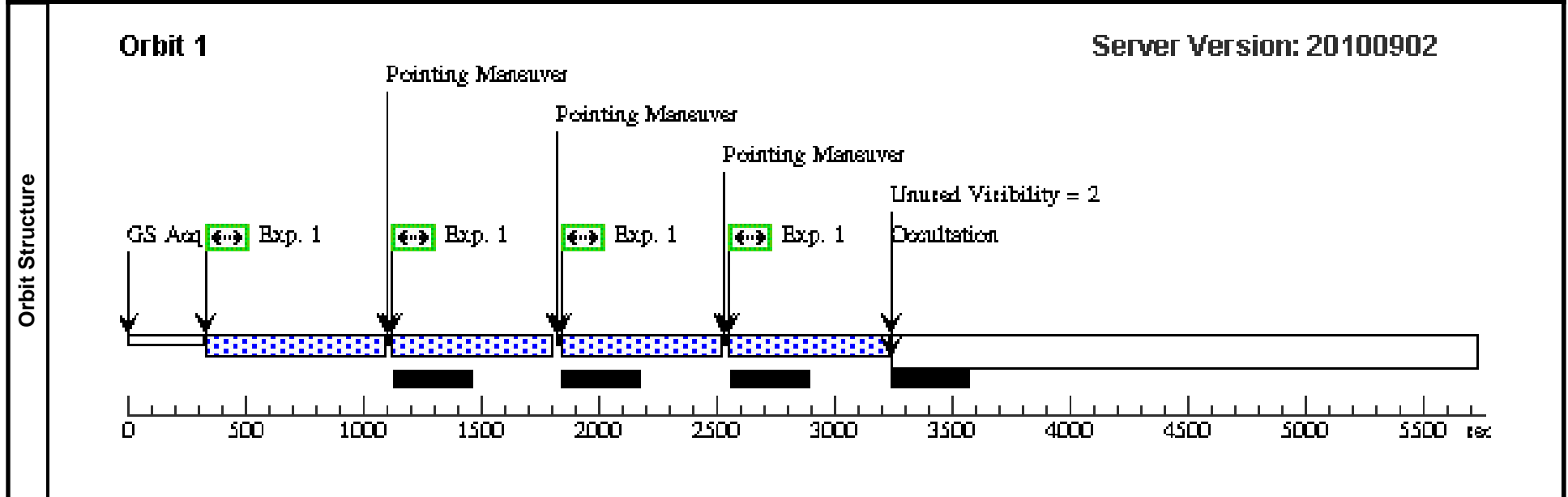
Wed Dec 01 02:21:45 GMT 2010

Visit	Proposal 12209, Visit 41, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(41)	SDSSJ1631+1854 Alt Name1: 4064-55366-0790	RA: 16 31 50.3300 (247.9597083d) Dec: +18 54 4.10 (18.90114d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=17.72	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(41) SDSSJ1631+1854	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 41 (1)	500 Secs [=>555.0 Secs (Pattern 1)] [=>555.0 Secs (Pattern 2)] [=>555.0 Secs (Pattern 3)] [=>555.0 Secs (Pattern 4)]



Proposal 12209 - Visit 42A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

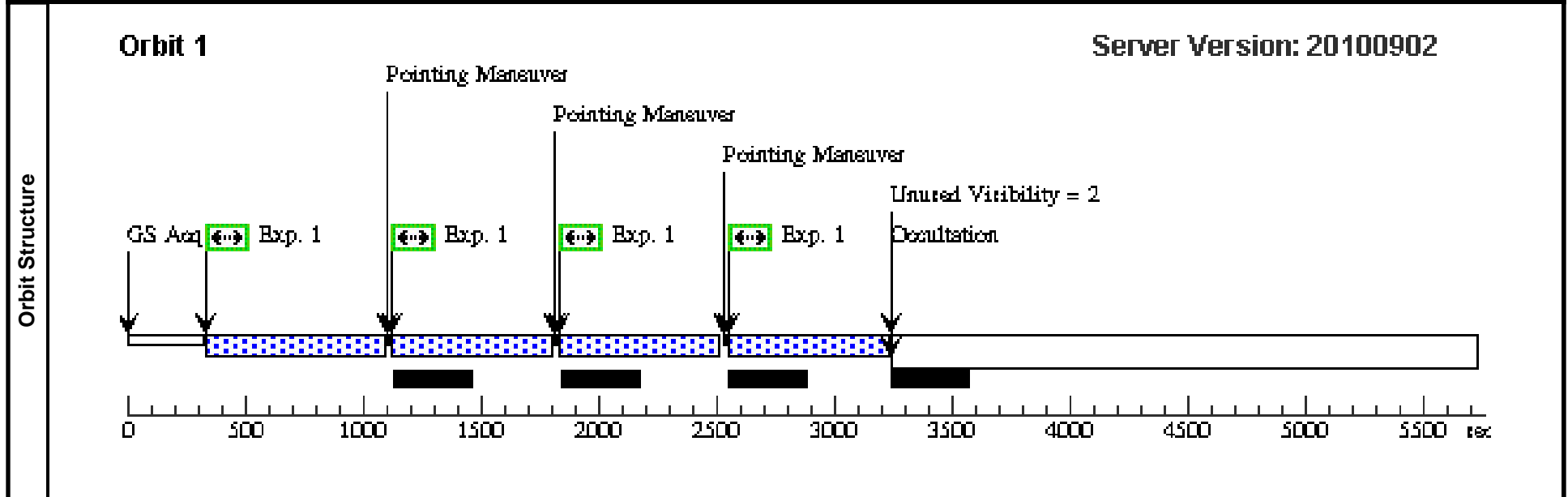
Wed Dec 01 02:21:46 GMT 2010

Visit	Proposal 12209, Visit 42, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(42)	SDSSJ1637+1439 Alt Name1: 4065-55368-0515	RA: 16 37 14.5800 (249.3107500d) Dec: +14 39 30.10 (14.65836d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.51	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(42) SDSSJ1637+1439	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 42 (1)	500 Secs [=>554.0 Secs (Pattern 1)] [=>554.0 Secs (Pattern 2)] [=>554.0 Secs (Pattern 3)] [=>554.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 43A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

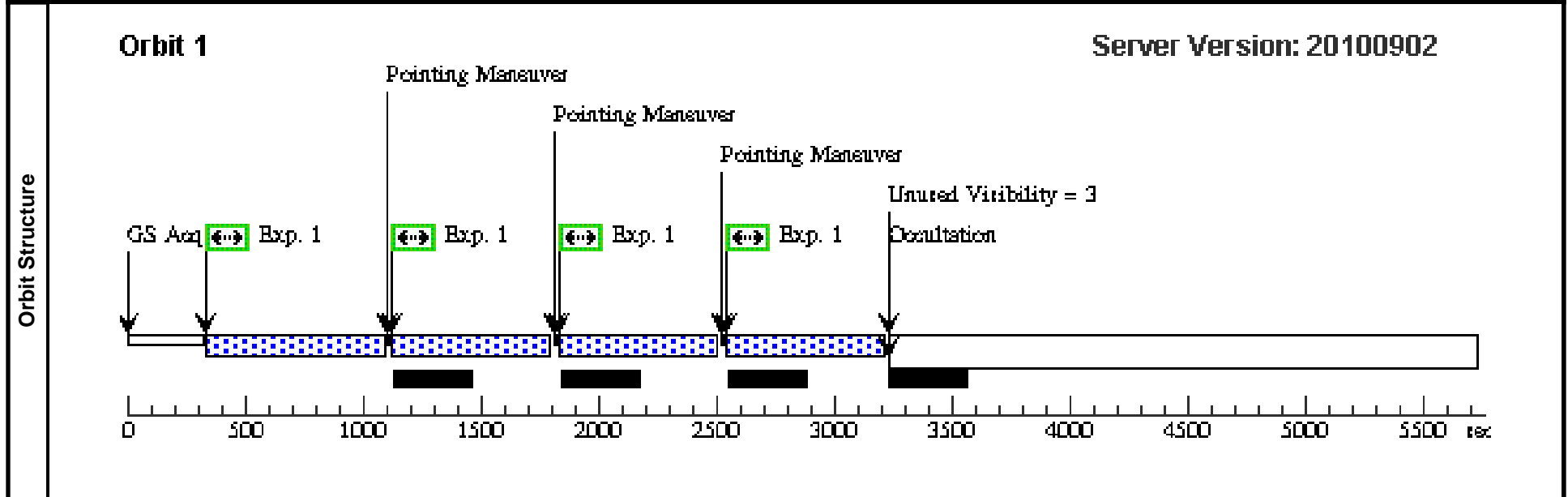
Wed Dec 01 02:21:46 GMT 2010

Visit	Proposal 12209, Visit 43, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(43)	SDSSJ2122+0409	RA: 21 22 52.0400 (320.7168333d) Alt Name1: 4081-55365-0241	Dec: +04 09 35.50 (4.15986d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.38

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(43) SDSSJ2122+0409	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 43 (1)	500 Secs [=>551.0 Secs (Pattern 1)] [=>551.0 Secs (Pattern 2)] [=>551.0 Secs (Pattern 3)] [=>551.0 Secs (Pattern 4)]



Proposal 12209 - Visit 44A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

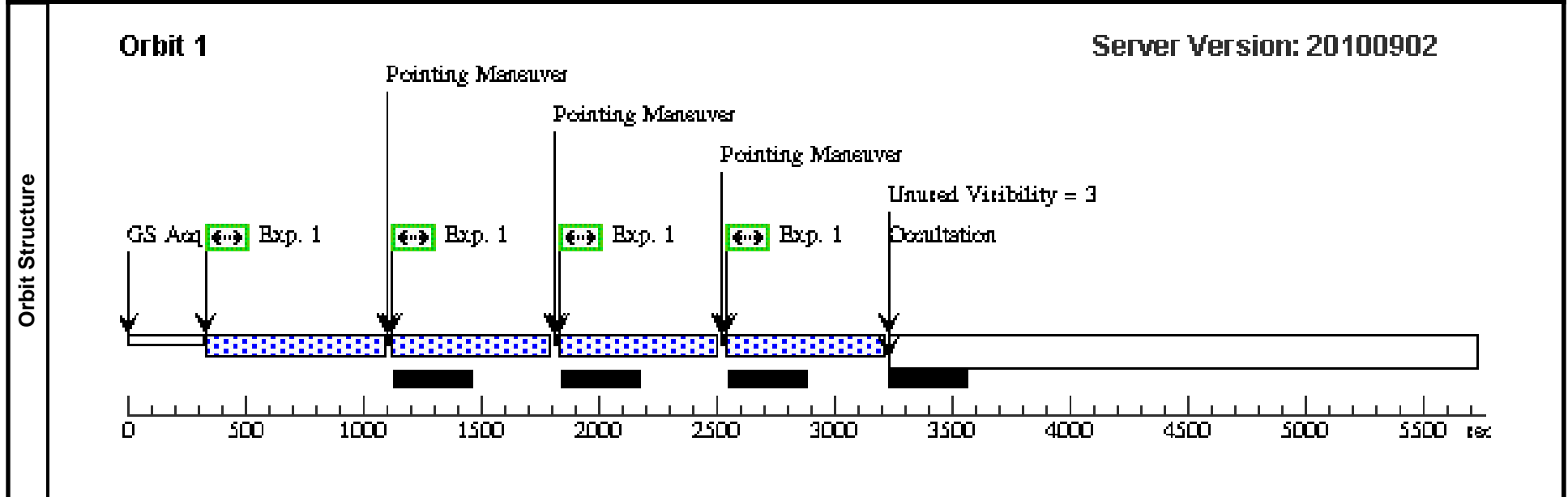
Wed Dec 01 02:21:47 GMT 2010

Visit	Proposal 12209, Visit 44, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(44)	SDSSJ2125+0411	RA: 21 25 10.6700 (321.2944583d) Dec: +04 11 31.60 (4.19211d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=18.21	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(44) SDSSJ2125+0411	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 44 (1)	500 Secs [=>551.0 Secs (Pattern 1)] [=>551.0 Secs (Pattern 2)] [=>551.0 Secs (Pattern 3)] [=>551.0 Secs (Pattern 4)]



Proposal 12209 - Visit 45A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

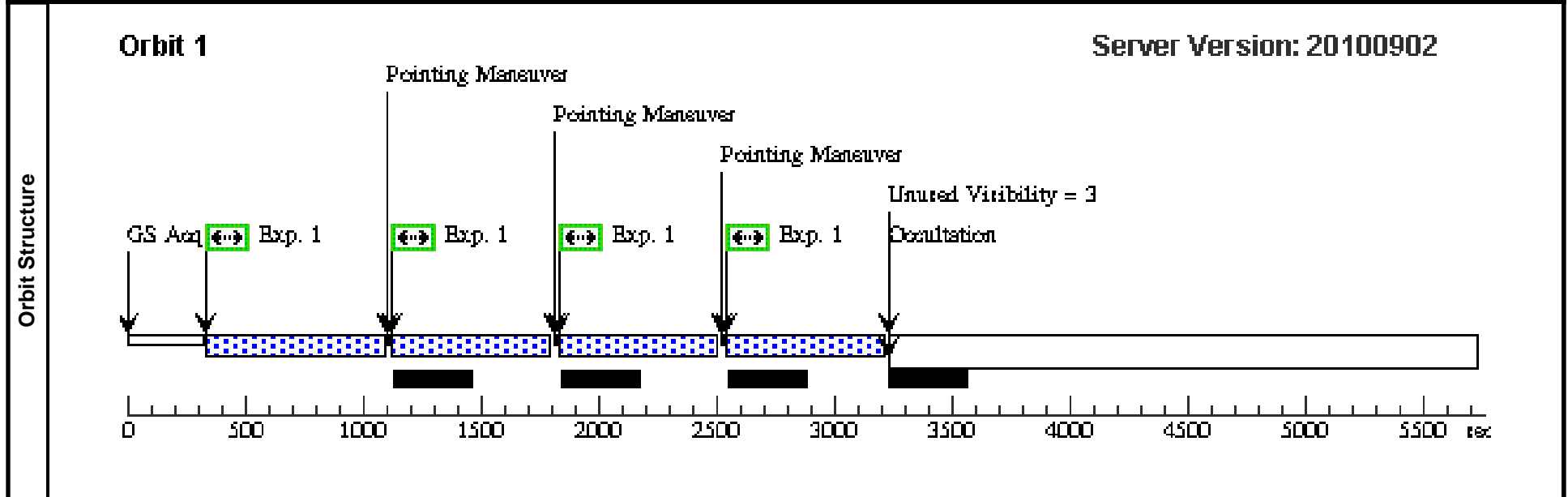
Wed Dec 01 02:21:47 GMT 2010

Visit	Proposal 12209, Visit 45, failed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(45)	SDSSJ2303+0037 Alt Name1: 3564-55146-0687	RA: 23 03 35.1700 (345.8965417d) Dec: +00 37 3.20 (.61756d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.00	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(45) SDSSJ2303+0037	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 45 (1)	500 Secs [=>551.0 Secs (Pattern 1)] [=>551.0 Secs (Pattern 2)] [=>551.0 Secs (Pattern 3)] [=>551.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 53A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

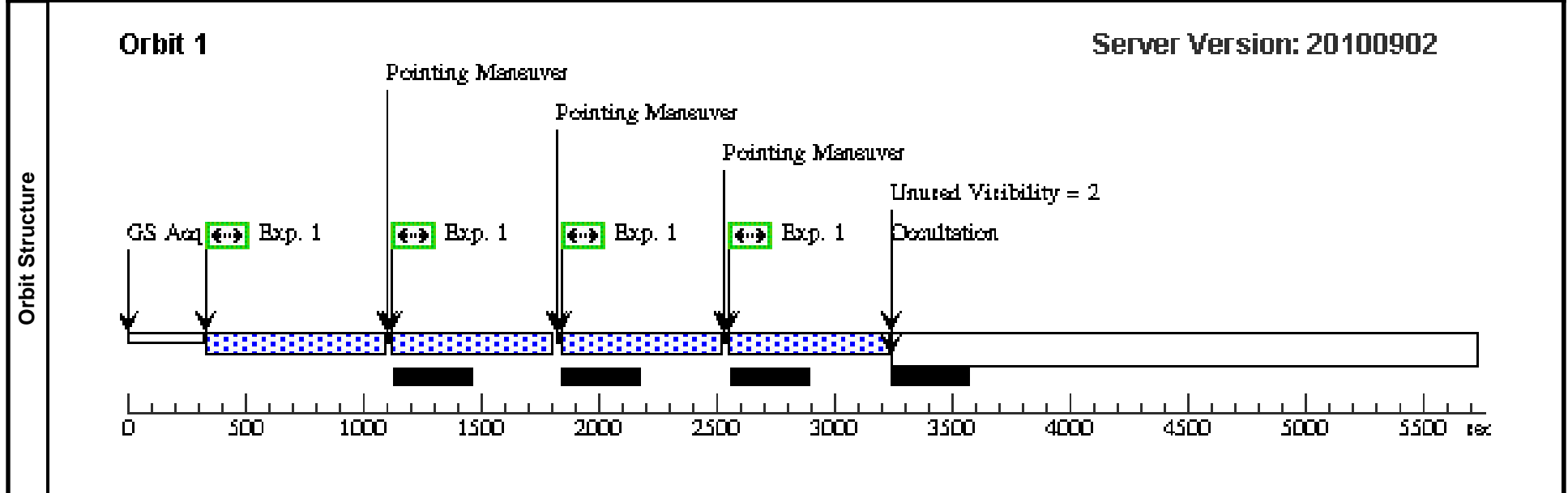
Wed Dec 01 02:21:48 GMT 2010

Visit	Proposal 12209, Visit 53, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none) Comments: This is a copy of visit 33 which failed during a safing event.		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(33)	SDSSJ1541+1812 Alt Name1: 3937-55352-0361	RA: 15 41 18.5600 (235.3273333d) Dec: +18 12 35.10 (18.20975d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.86	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(33) SDSSJ1541+1812	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 53 (1)	500 Secs [=>555.0 Secs (Pattern 1)] [=>555.0 Secs (Pattern 2)] [=>555.0 Secs (Pattern 3)] [=>555.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 55A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

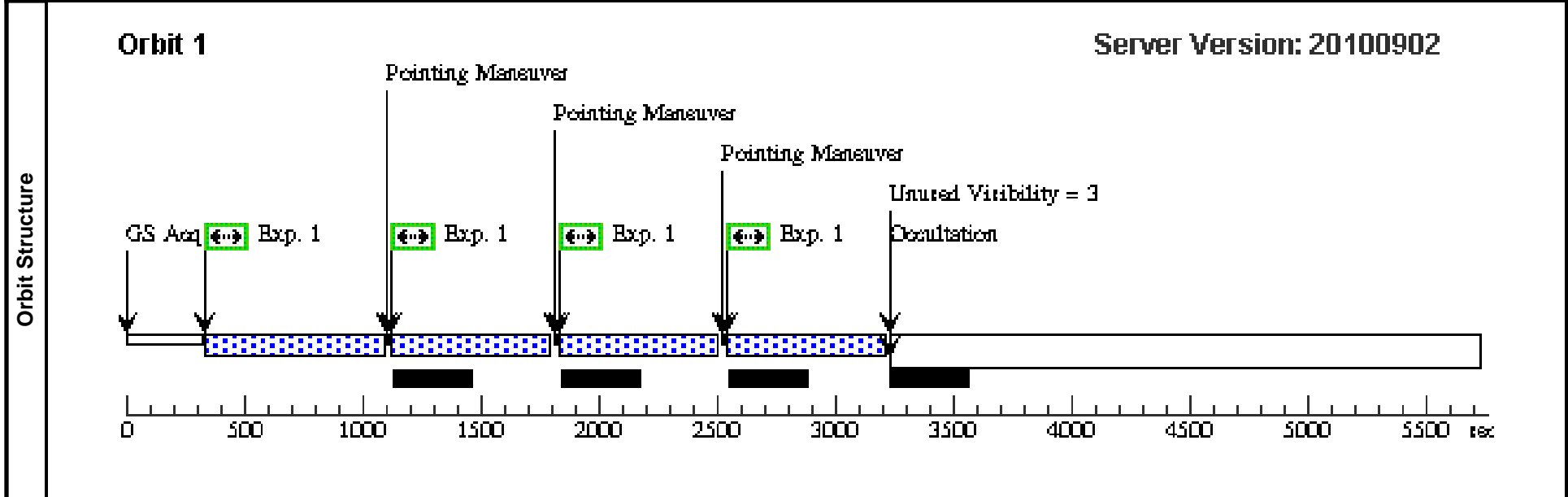
Wed Dec 01 02:21:48 GMT 2010

Visit	Proposal 12209, Visit 55, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none) Comments: This is a copy of failed visit 45.		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(45)	SDSSJ2303+0037 Alt Name1: 3564-55146-0687	RA: 23 03 35.1700 (345.8965417d) Dec: +00 37 3.20 (.61756d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.00	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(45) SDSSJ2303+0037	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 55 (1)	500 Secs [=>551.0 Secs (Pattern 1)] [=>551.0 Secs (Pattern 2)] [=>551.0 Secs (Pattern 3)] [=>551.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 57A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

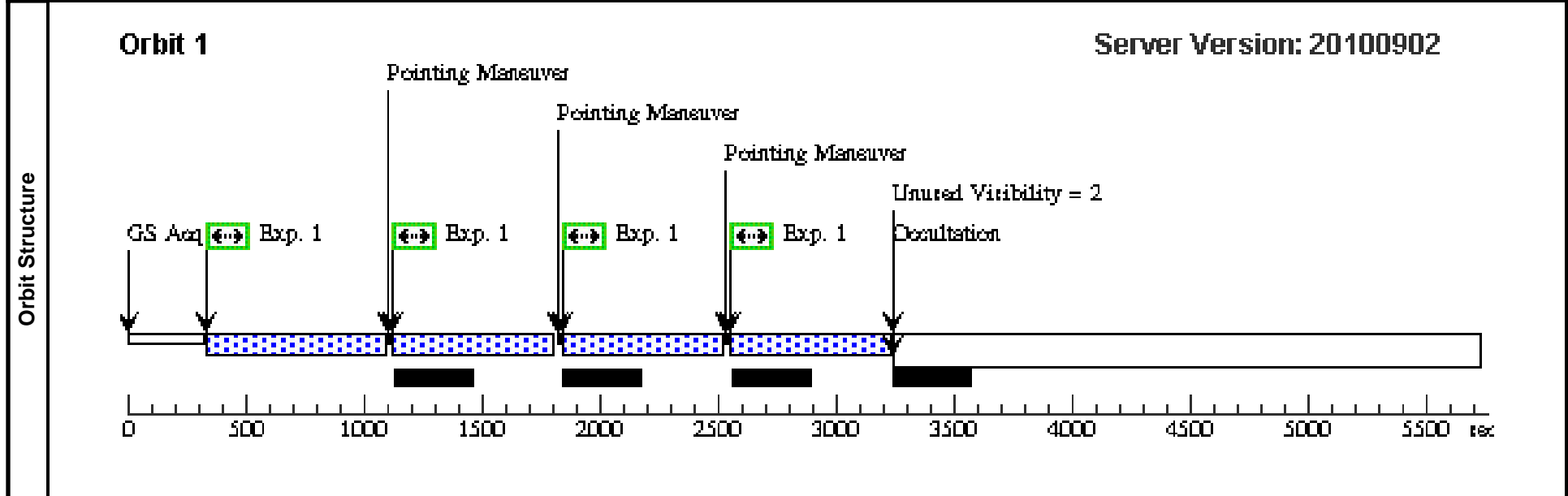
Wed Dec 01 02:21:48 GMT 2010

Visit	Proposal 12209, Visit 57, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none) <i>Comments: This is a copy of visit 37 which failed due to a spacecraft problem.</i>		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(37)	SDSSJ1611+1705 Alt Name1: 4072-55362-0847	RA: 16 11 9.8000 (242.7908333d) Dec: +17 05 26.60 (17.09072d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.70	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(37) SDSSJ1611+1705	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			Pattern 1, Exps 1-1 in Visit 57 (1)	500 Secs [=>555.0 Secs (Pattern 1)] [=>555.0 Secs (Pattern 2)] [=>555.0 Secs (Pattern 3)] [=>555.0 Secs (Pattern 4)]



Proposal 12209 - Visit 60A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

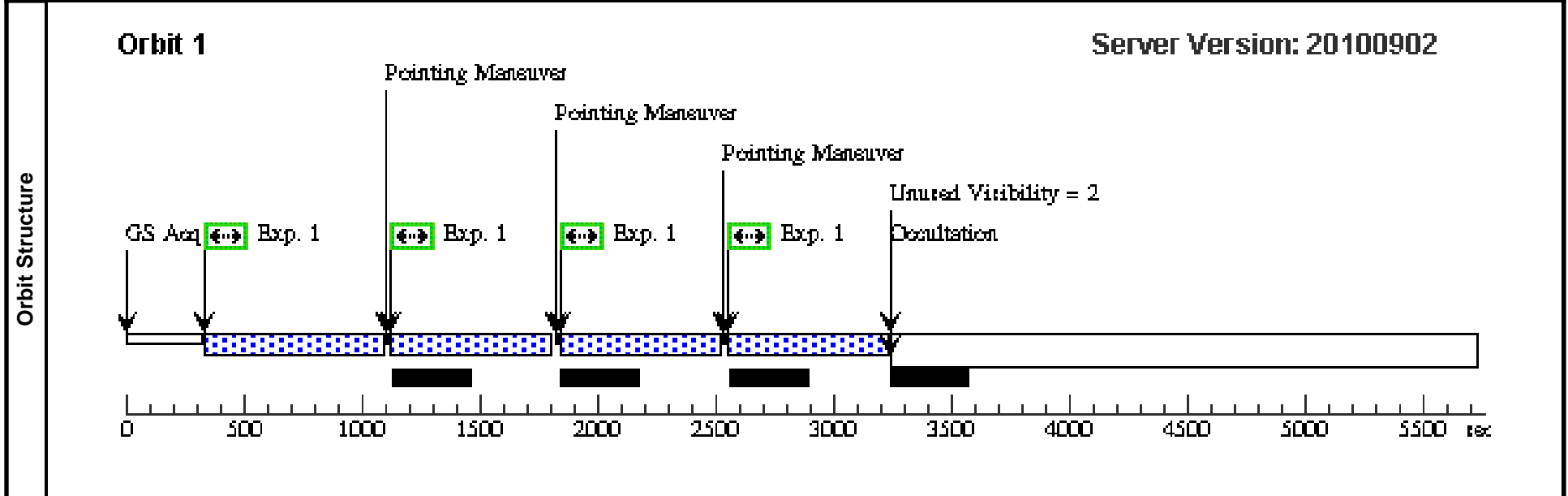
Wed Dec 01 02:21:48 GMT 2010

Visit	Proposal 12209, Visit 60, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none) <i>Comments: This is a copy of visit 40 which failed due to a spacecraft issue.</i>		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(40)	SDSSJ1627+1910 Alt Name1: 4060-55359-0075	RA: 16 27 54.5700 (246.9773750d) Dec: +19 10 4.90 (19.16803d) Equinox: J2000	Proper Motion RA: null Proper Motion Dec: null Epoch of Position: 2000.0	V=+/- i=19.59	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(40) SDSSJ1627+1910	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 60 (1)	500 Secs [=>555.0 Secs (Pattern 1)] [=>555.0 Secs (Pattern 2)] [=>555.0 Secs (Pattern 3)] [=>555.0 Secs (Pattern 4)]	[1]



Proposal 12209 - Visit 63A Strong Lensing Measurement of the Evolution of Mass Structure in Giant Elliptical Galaxies

Wed Dec 01 02:21:48 GMT 2010

Visit	Proposal 12209, Visit 63 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none) <i>Comments: This is a copy of failed visit 03.</i>		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true	(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	SDSSJ0747+5055	RA: 07 47 24.1200 (116.8505000d)	Proper Motion RA: null	V=+/-	Reference Frame: ICRS
		Alt Name1: 3677-55205-0551	Dec: +50 55 37.50 (50.92708d)	Proper Motion Dec: null	i=18.92	
			Equinox: J2000	Epoch of Position: 2000.0		

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) SDSSJ0747+5055	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 63 (1)	500 Secs	
		5							[==>604.0 Secs (Pattern 1)] [==>604.0 Secs (Pattern 2)] [==>604.0 Secs (Pattern 3)] [==>604.0 Secs (Pattern 4)]	[1]

