



11597 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Cycle: 17, 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) ISCSJ1429.2+3357 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:01:18.0	yes
02	(2) ISCSJ1426.1+3403 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:01:26.0	yes
03	(3) ISCSJ1432.4+3332 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:01:34.0	yes
04	(4) ISCSJ1426.5+3339 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:01:40.0	yes

Proposal 11597 (STScI Edit Number: 8, Created: Wednesday, August 25, 2010 8:04:08 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) ISCSJ1427.9+3430 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:01:46.0	yes
06	(6) ISCSJ1429.3+3437 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:01:52.0	yes
07	(7) ISCSJ1429.1+3426 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:01:59.0	yes
26	(24) 10.153 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:02:06.0	yes
09	(9) ISCSJ1434.5+3427 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:02:12.0	yes
10	(10) ISCSJ1432.6+3436 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:02:18.0	yes
11	(11) ISCSJ1425.3+3428 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:02:23.0	yes
12	(12) ISCSJ1432.3+3253 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:02:29.0	yes
13	(13) ISCSJ1432.4+3250 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:02:36.0	yes
14	(14) ISCSJ1438.1+3414 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:02:42.0	yes
15	(15) ISCSJ1433.8+3325 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:02:48.0	yes
16	(16) ISCSJ1434.7+3519 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:02:54.0	yes
21	(19) 10.29 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:03:01.0	yes
22	(20) 10.112 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:03:06.0	yes

<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>
23	(23) 10.51 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:03:11.0	yes
24	(22) 8.90 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:03:17.0	yes
25	(21) 25.643 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:03:24.0	yes
17	(17) ISCSJ1425.3+3250 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:03:29.0	yes
18	(18) ISCSJ1431.1+3459 ANY	ACS/WFC WFC3/IR	1	25-Aug-2010 21:03:34.0	yes
20	(14) ISCSJ1438.1+3414 ANY	ACS/WFC WFC3/IR	5	25-Aug-2010 21:03:57.0	yes

28 Total Orbits Used

ABSTRACT

We propose to obtain WFC3 G141 and G102 slitless spectroscopy of galaxy clusters at $1 < z < 1.5$ that were selected from the IRAC survey of the Bootes NDWFS field. Our IRAC survey contains the largest sample of spectroscopically confirmed clusters at $z > 1$. The WFC3 grism data will measure H-alpha to determine SFR, and fit models to the low resolution continua to determine stellar population histories for the brighter cluster members, and redshifts for the red galaxies too faint for ground-based optical spectroscopy.

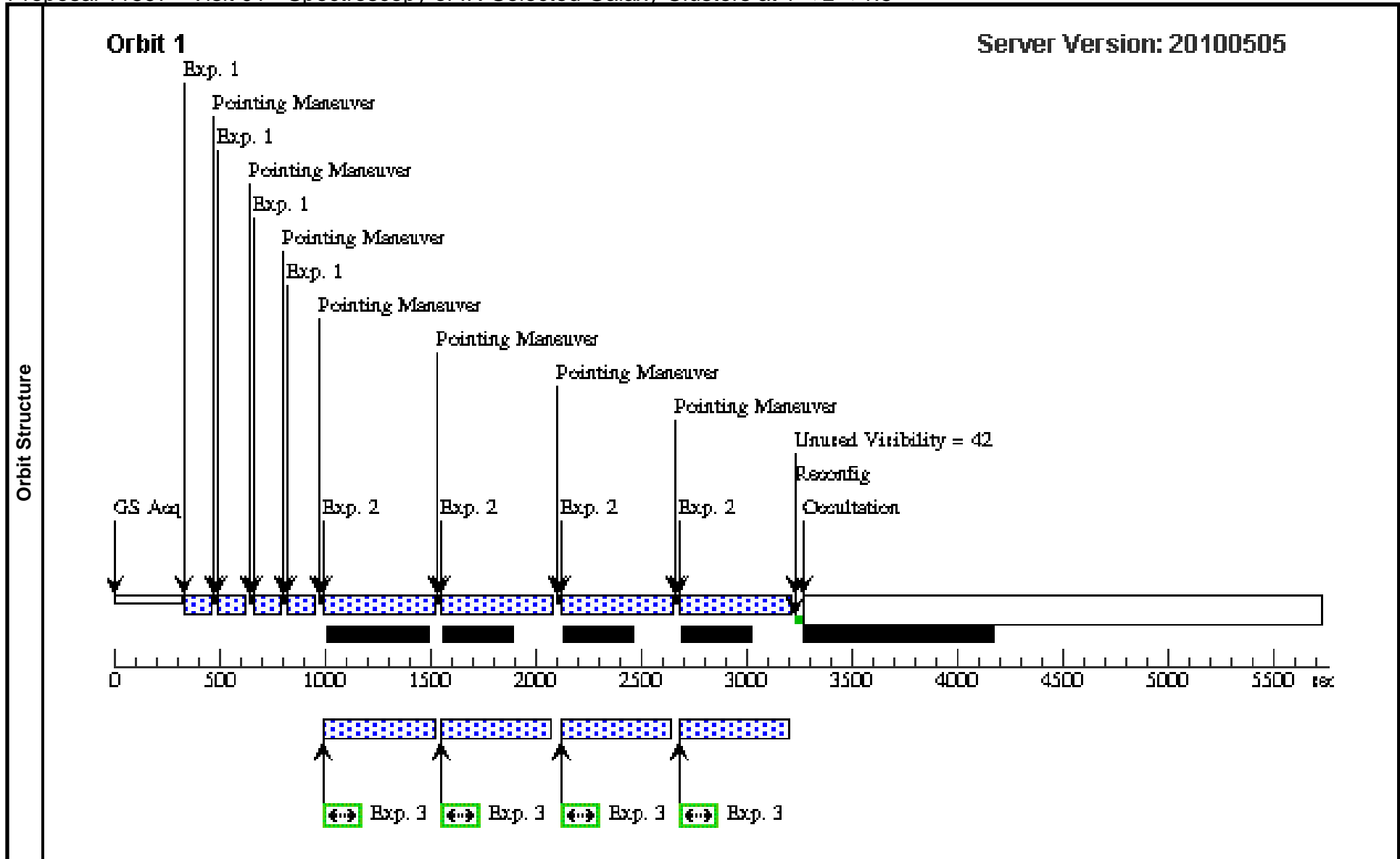
OBSERVING DESCRIPTION

This program will obtain WFC3 grism spectroscopy of 18 high redshift galaxy clusters. The first part will use g141 to get single orbit exposures of each of the targets, preceded by short direct images. The second part will use g102 to get 5 orbit exposures of the two highest redshift targets, preceded by short direct images in each orbit.

Proposal 11597 (STScI Edit Number: 8, Created: Wednesday, August 25, 2010 8:04:08 PM EST) - Overview

Thu Aug 26 01:04:09 GMT 2010

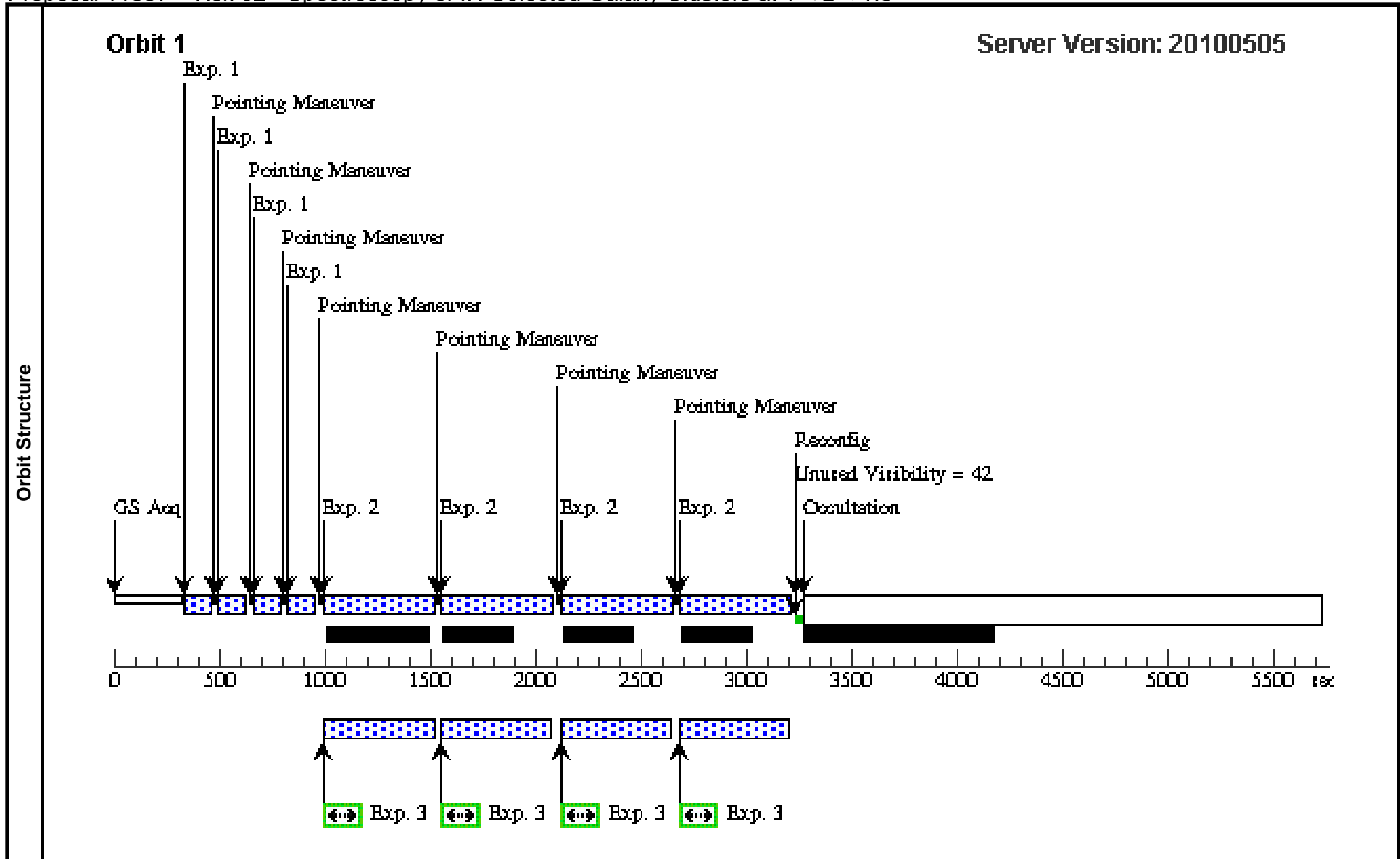
Visit	Proposal 11597, Visit 01, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 150D TO 180 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	ISCSJ1429.2+3357	RA: 14 29 12.0000 (217.3000000d) Dec: +33 57 0.00 (33.95000d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1429+33 57g141direct	(1) ISCSJ1429.2+33 57	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25		Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1429+33 57g141	(1) ISCSJ1429.2+33 57	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1429+33 57g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 01 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:10 GMT 2010

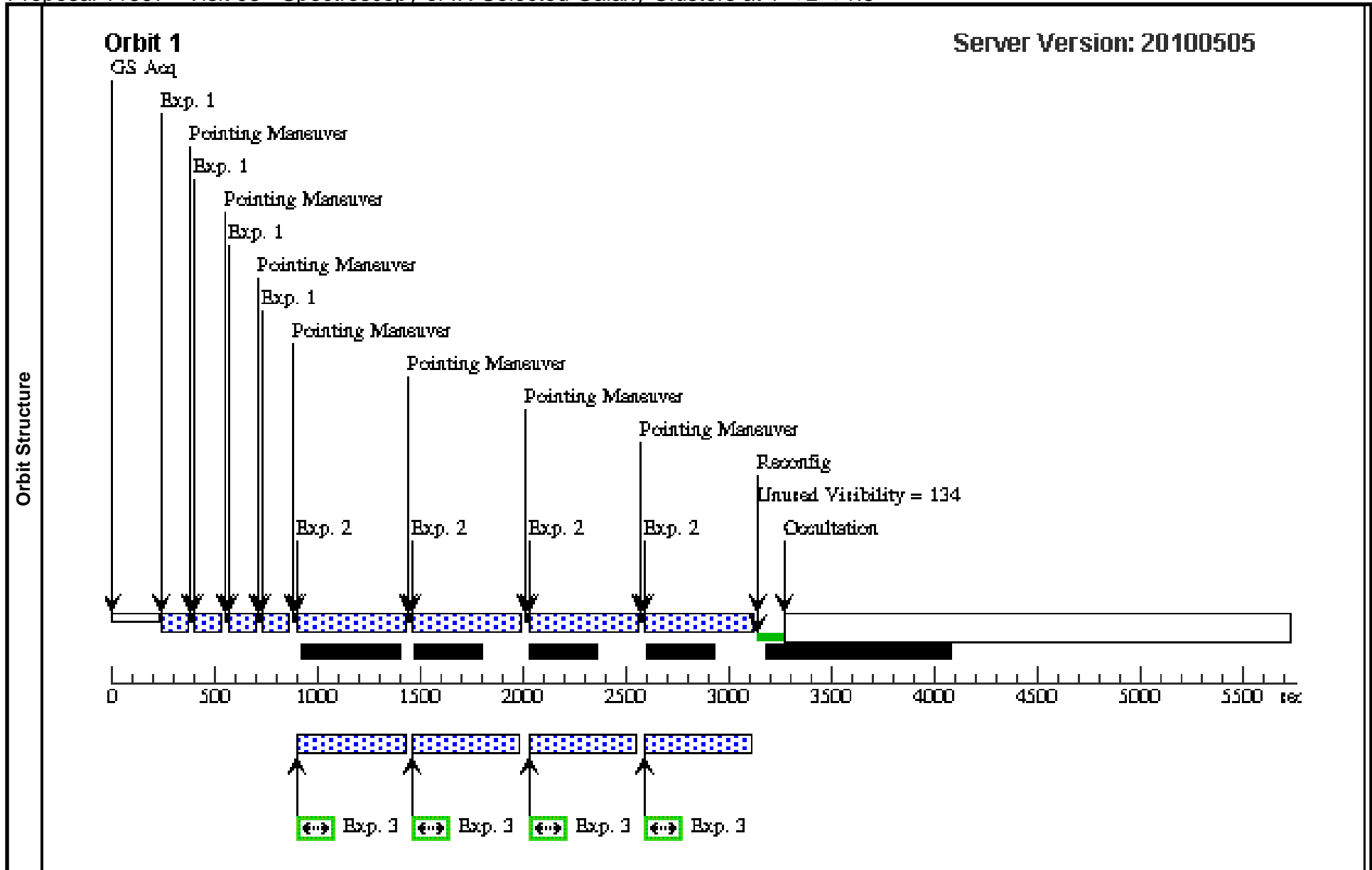
Visit	Proposal 11597, Visit 02, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 175D TO 215 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	ISCSJ1426.1+3403	RA: 14 26 12.0000 (216.5500000d) Dec: +34 03 0.00 (34.05000d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1426+34 03g141direct	(2) ISCSJ1426.1+3403	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25		Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1426+34 03g141	(2) ISCSJ1426.1+3403	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1426+34 03g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 02 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:11 GMT 2010

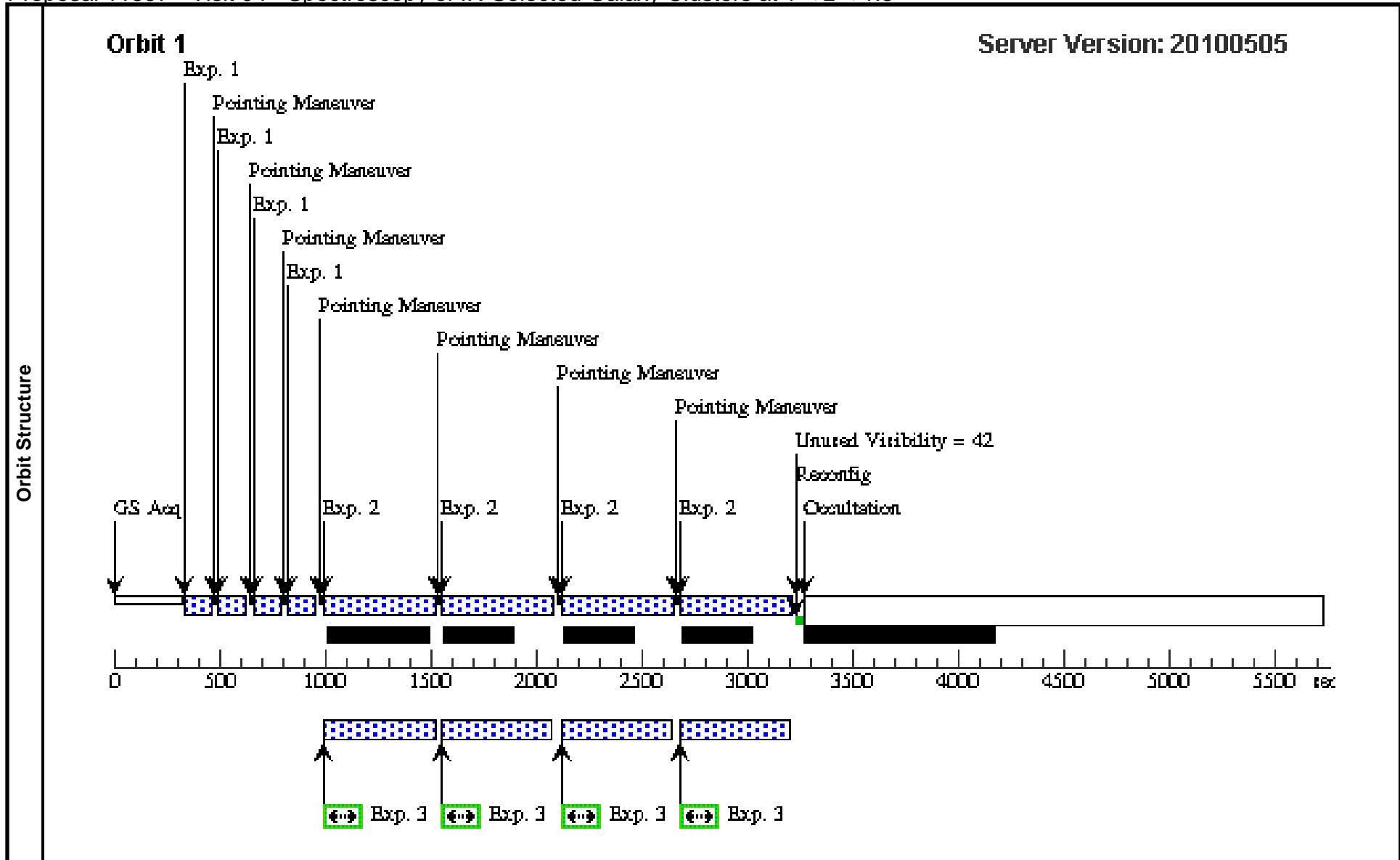
Visit	Proposal 11597, Visit 03, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 165D TO 195 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	ISCSJ1432.4+3332	RA: 14 32 24.0000 (218.1000000d) Dec: +33 32 0.00 (33.53333d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1432+33 32g141direct	(3) ISCSJ1432.4+3332	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPARS25	GS ACQ SCENARIO SINGLE	Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1432+33 32g141	(3) ISCSJ1432.4+3332	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPARS100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1432+33 32g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 03 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:11 GMT 2010

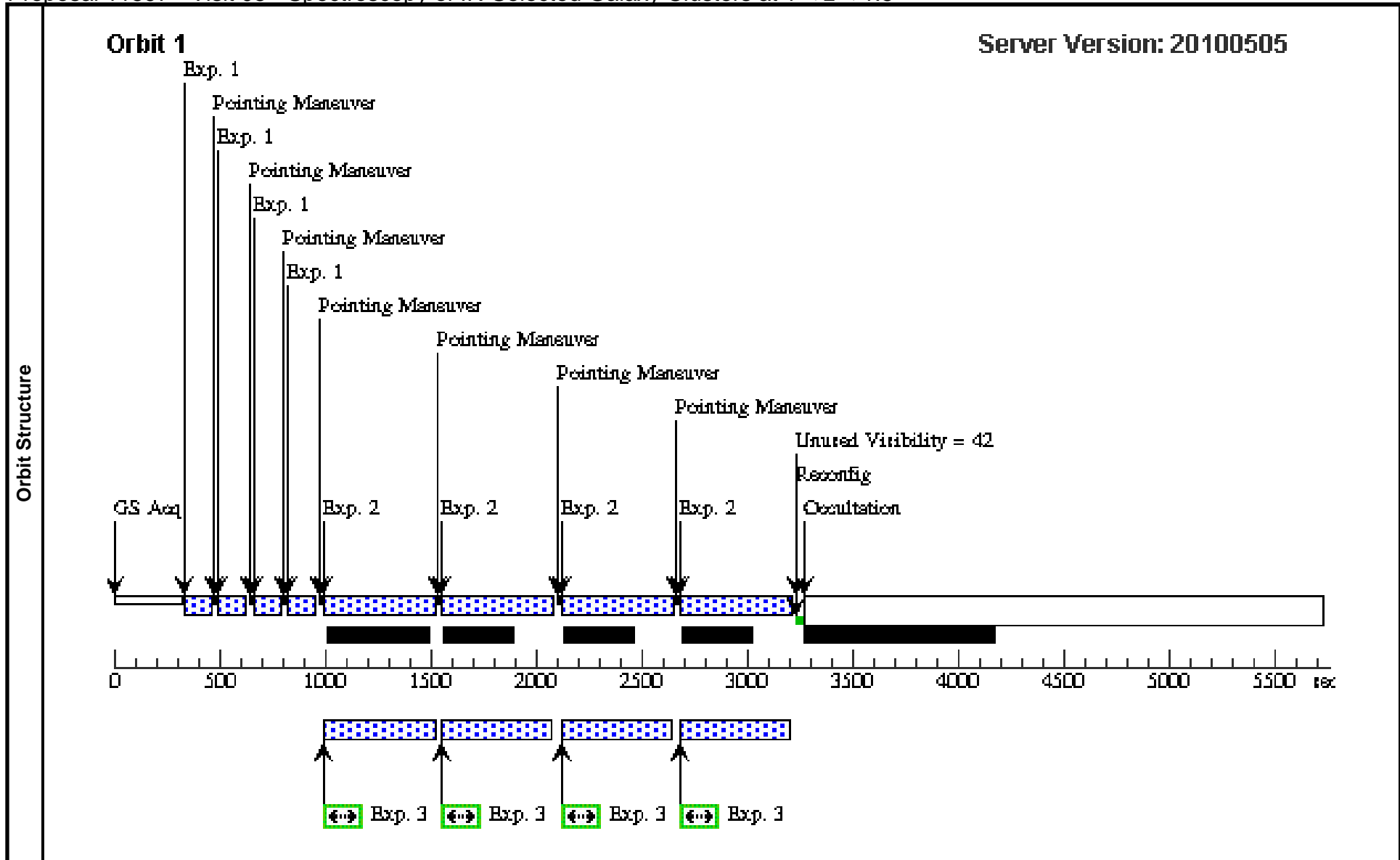
Visit	Proposal 11597, Visit 04, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 200D TO 250 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	ISCSJ1426.5+3339	RA: 14 26 30.0000 (216.625000d) Dec: +33 39 0.00 (33.65000d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1426+33 39g141direct	(4) ISCSJ1426.5+3339	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPARS25	GS ACQ SCENARIO BASE1B3	Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1426+33 39g141	(4) ISCSJ1426.5+3339	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPARS100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1426+33 39g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 04 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:12 GMT 2010

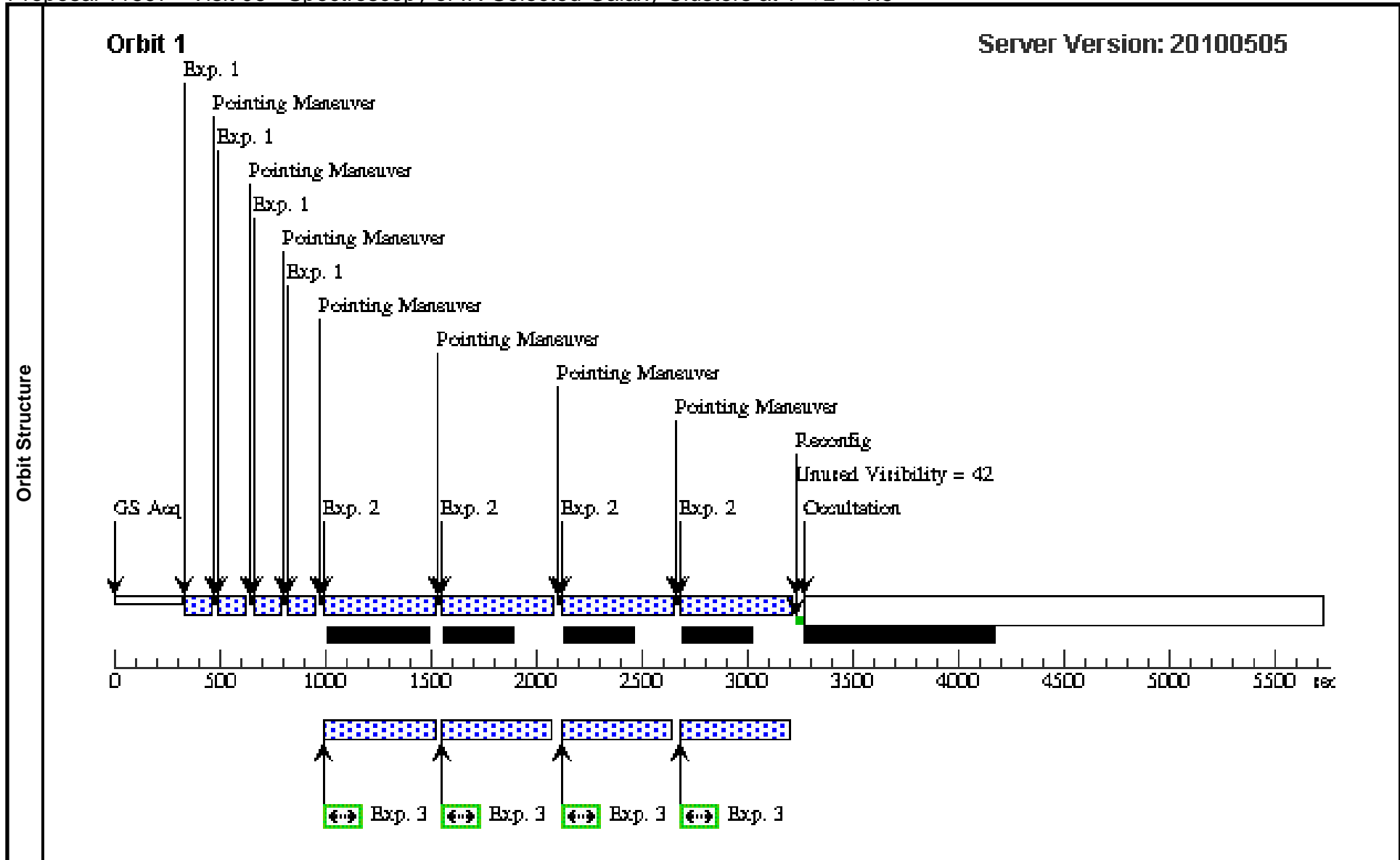
Visit	Proposal 11597, Visit 05, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 120D TO 150 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	ISCSJ1427.9+3430	RA: 14 27 54.0000 (216.9750000d) Dec: +34 30 0.00 (34.50000d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1427+34 30g141direct	(5) ISCSJ1427.9+34 30	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1427+34 30g141	(5) ISCSJ1427.9+34 30	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1427+34 30g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 05 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:12 GMT 2010

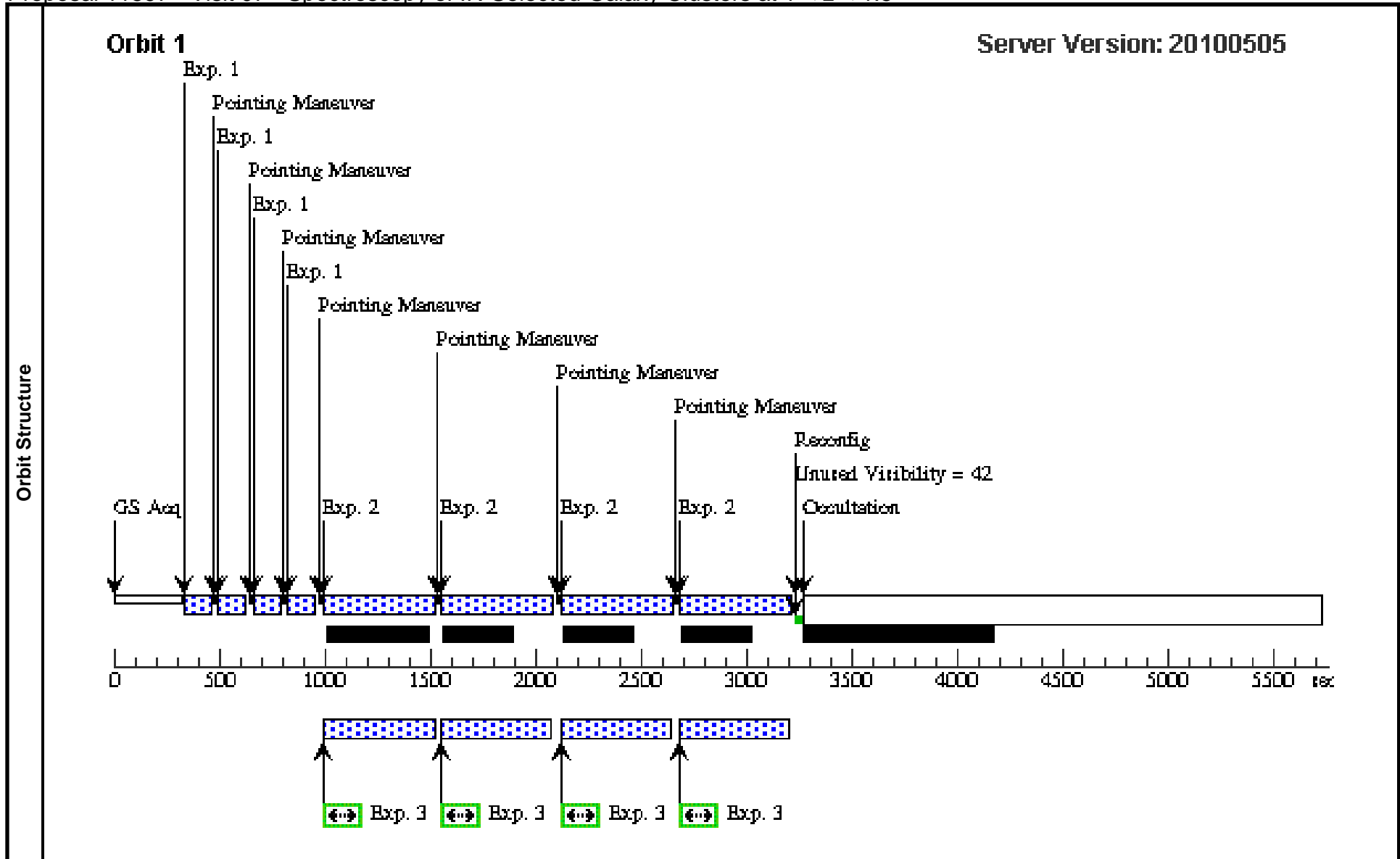
Visit	Proposal 11597, Visit 06, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 220D TO 260 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	ISCSJ1429.3+3437	RA: 14 29 18.0000 (217.3250000d) Dec: +34 37 0.00 (34.61667d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1429+34 37g141direct	(6) ISCSJ1429.3+34 37	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25		Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1429+34 37g141	(6) ISCSJ1429.3+34 37	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1429+34 37g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 06 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:12 GMT 2010

Visit	Proposal 11597, Visit 07, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 120D TO 150 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	ISCSJ1429.1+3426	RA: 14 29 6.0000 (217.2750000d) Dec: +34 26 0.00 (34.43333d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1429+34 26g141direct	(7) ISCSJ1429.1+34 26	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25		Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1429+34 26g141	(7) ISCSJ1429.1+34 26	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1429+34 26g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 07 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

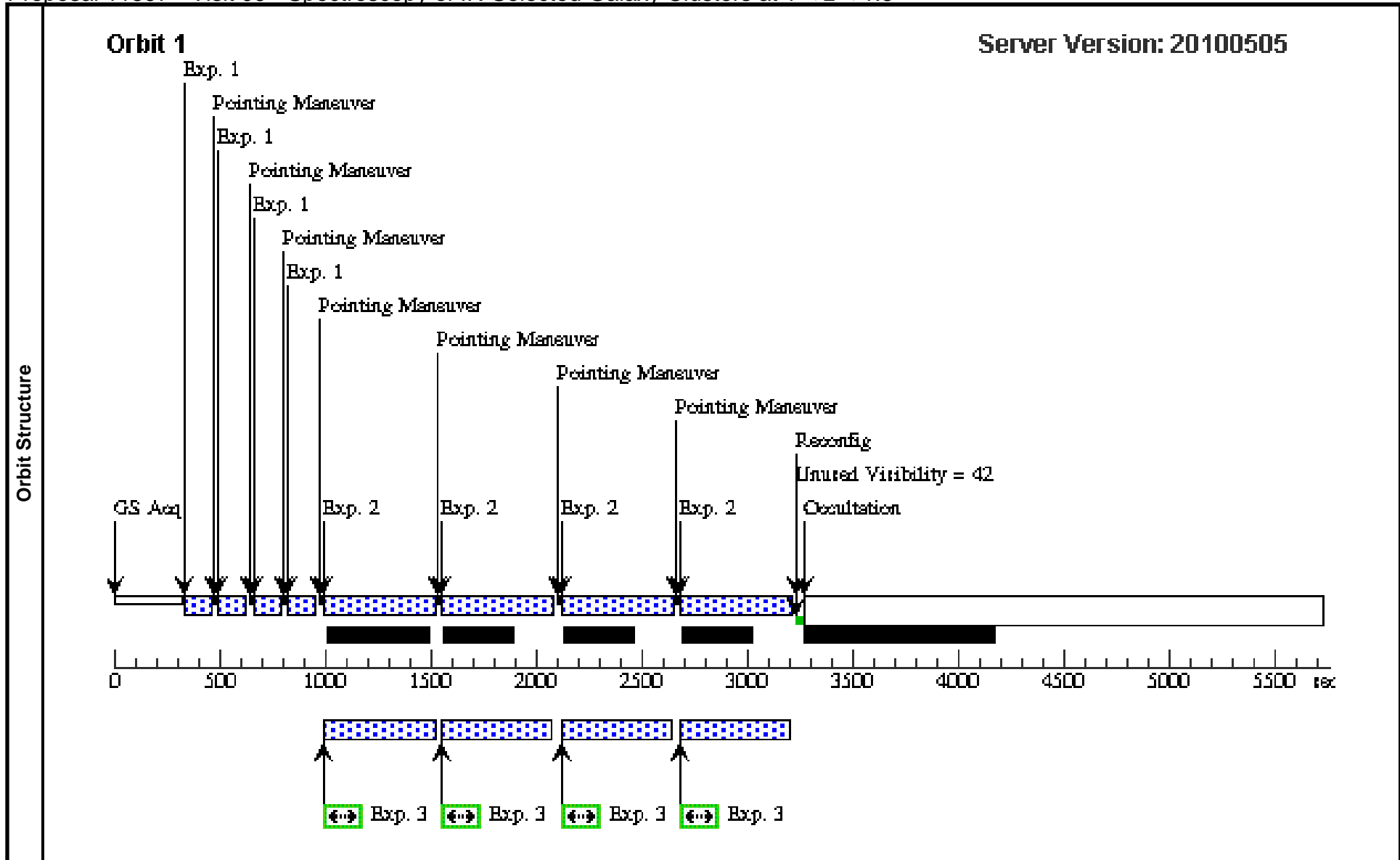
Thu Aug 26 01:04:13 GMT 2010

Visit	Proposal 11597, Visit 26 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 345D TO 355 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(24)	10.153 Alt Name1: 8.65	RA: 14 25 17.5000 (216.3229167d) Dec: +32 52 30.00 (32.87500d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	10.153g141 direct	(24) 10.153	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25	GS ACQ SCENARIO SINGLE	Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	10.153g141	(24) 10.153	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	10.153g141 par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]

Proposal 11597 - Visit 26 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:13 GMT 2010

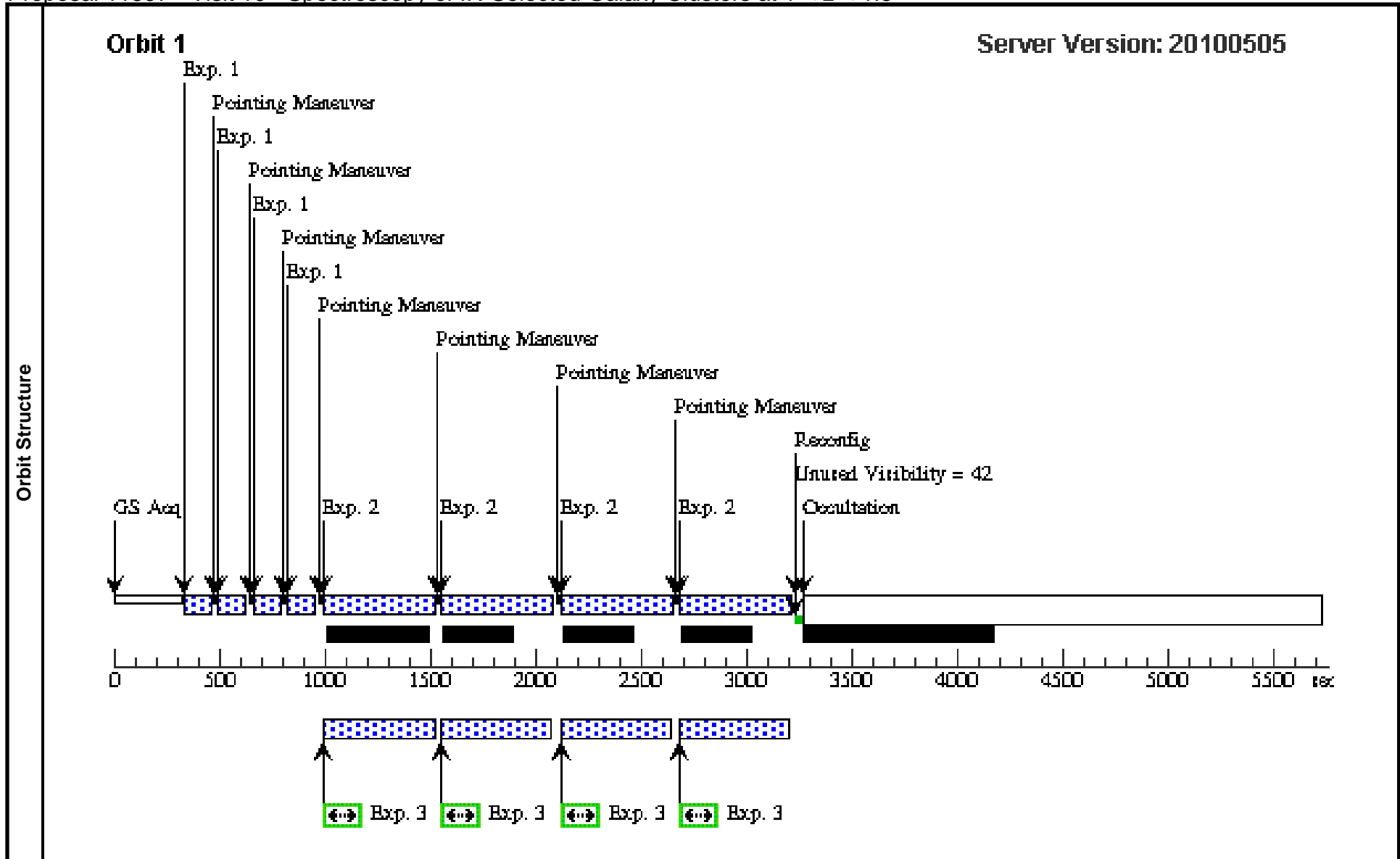
Visit	Proposal 11597, Visit 09, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 300D TO 330 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	ISCSJ1434.5+3427	RA: 14 34 30.0000 (218.6250000d) Dec: +34 27 0.00 (34.45000d) Equinox: J2000		V=25 +/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1434+34 27g141direc t	(9) ISCSJ1434.5+34 27	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25		Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1434+34 27g141	(9) ISCSJ1434.5+34 27	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1434+34 27g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 09 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:13 GMT 2010

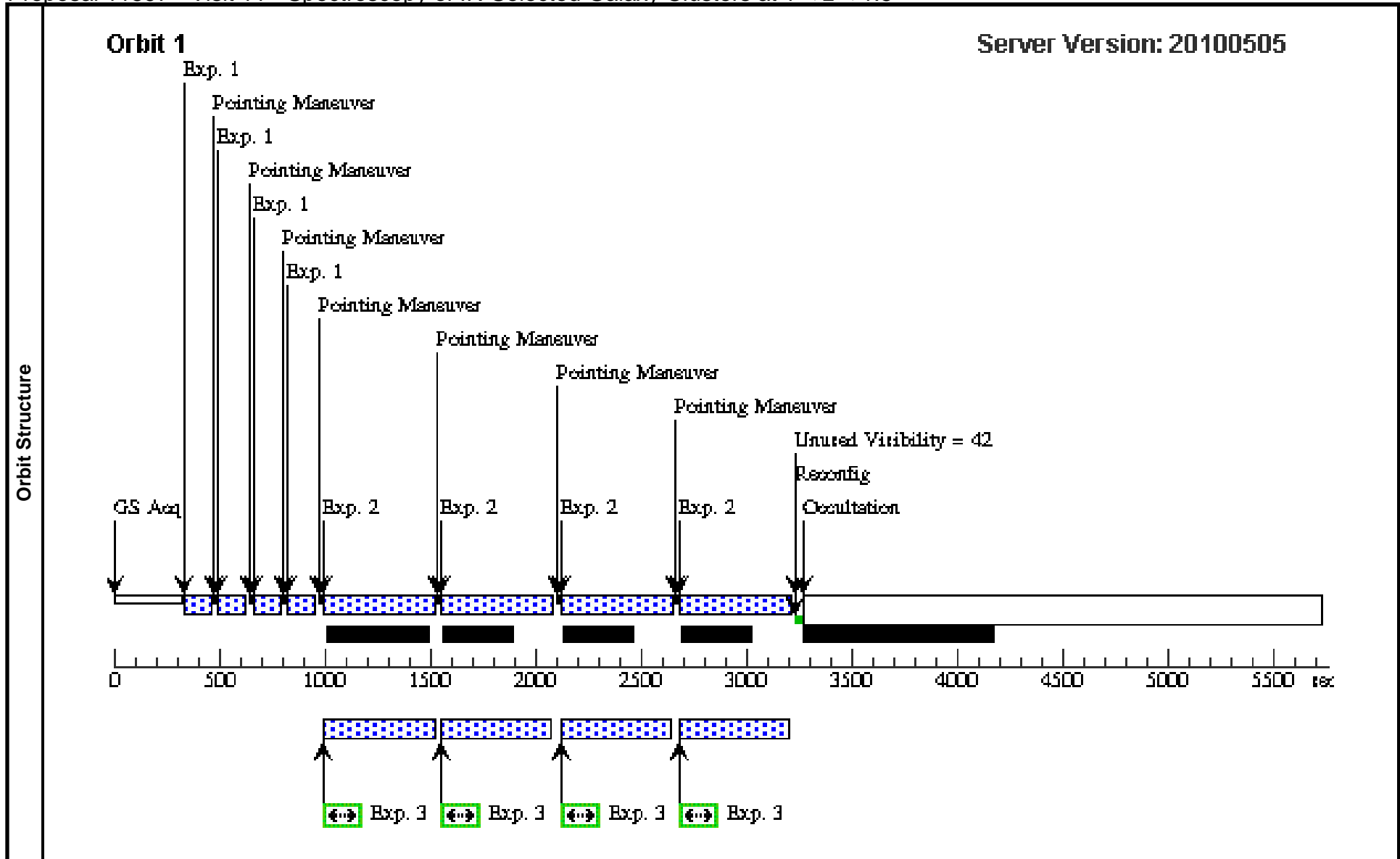
Visit	Proposal 11597, Visit 10, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 150D TO 180 D; ORIENT 240D TO 270 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	ISCSJ1432.6+3436	RA: 14 32 18.0000 (218.0750000d) Dec: +34 36 0.00 (34.60000d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1432+34 36g141direct	(10) ISCSJ1432.6+3436	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25		Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1432+34 36g141	(10) ISCSJ1432.6+3436	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1432+34 36g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 10 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:14 GMT 2010

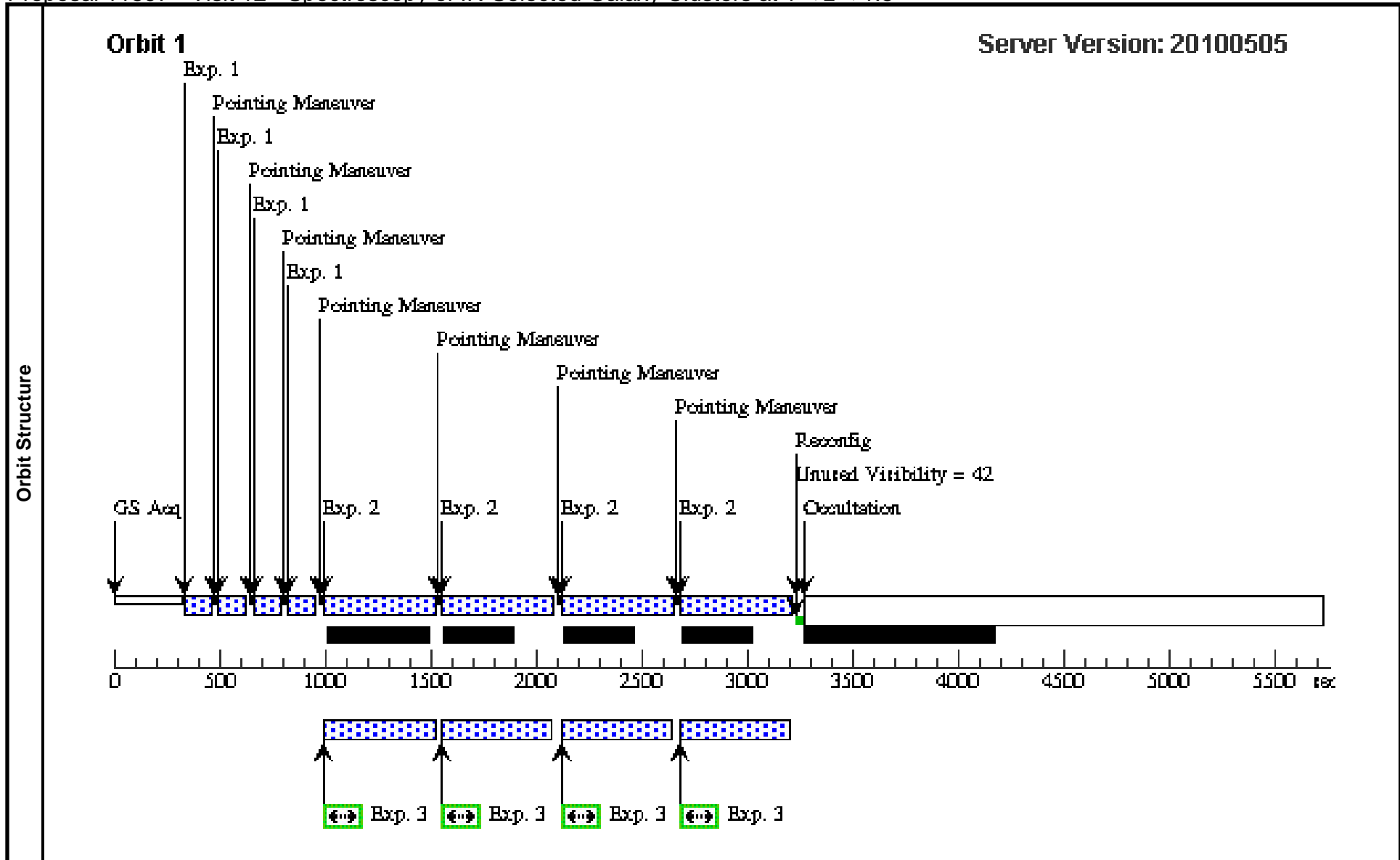
Visit	Proposal 11597, Visit 11, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 140D TO 165 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	ISCSJ1425.3+3428	RA: 14 25 18.0000 (216.3250000d) Dec: +34 28 0.00 (34.46667d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1425+34 28g141direct	(11) ISCSJ1425.3+3428	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPARS25	GS ACQ SCENARIO BASE1B3	Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1425+34 28g141	(11) ISCSJ1425.3+3428	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPARS100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1425+34 28g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 11 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:14 GMT 2010

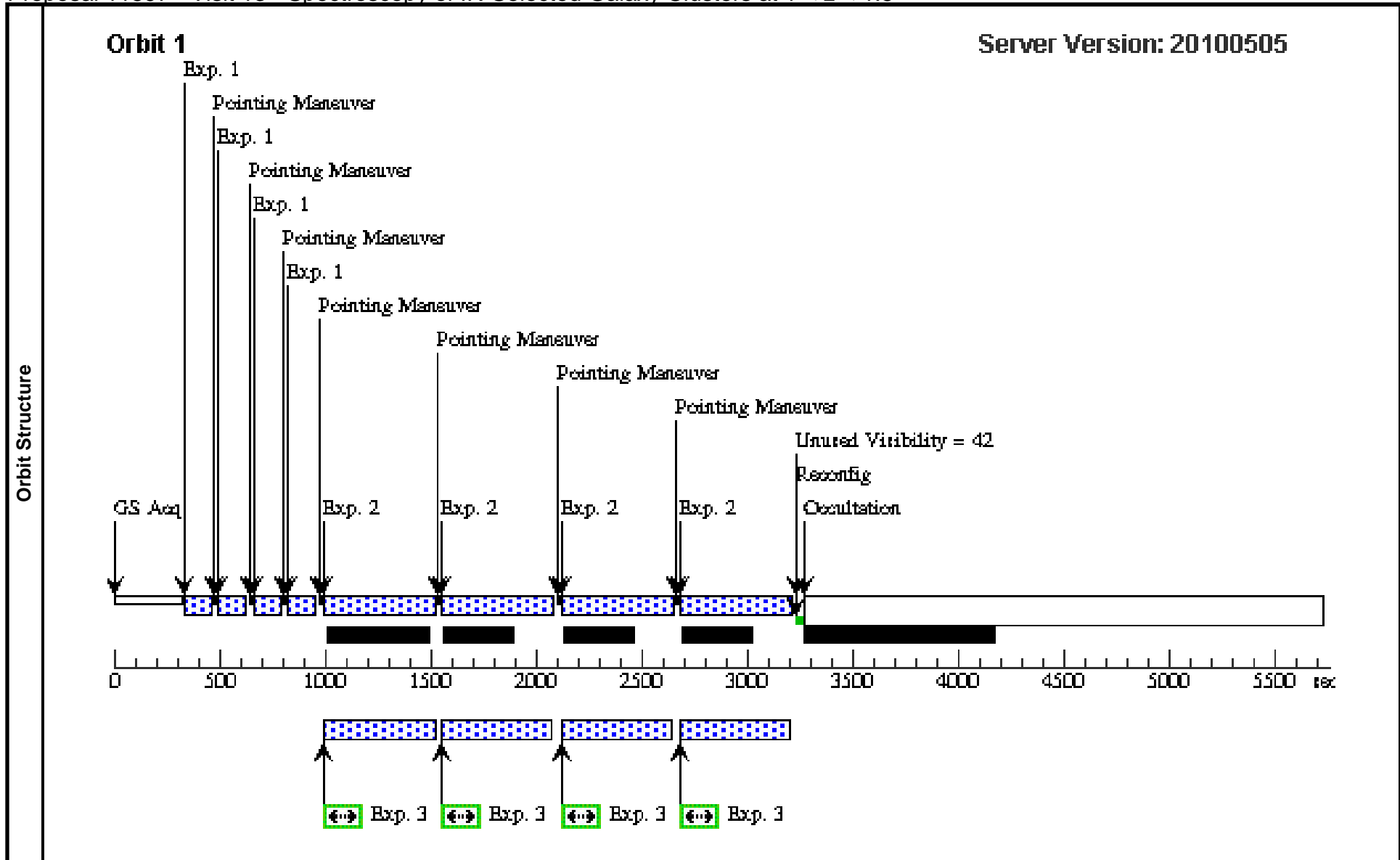
Visit	Proposal 11597, Visit 12, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 130D TO 170 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(12)	ISCSJ1432.3+3253	RA: 14 32 18.0000 (218.0750000d) Dec: +32 53 0.00 (32.88333d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1432+32 53g141direc t	(12) ISCSJ1432.3+3 253	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25		Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1432+32 53g141	(12) ISCSJ1432.3+3 253	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1432+32 53g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 12 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:14 GMT 2010

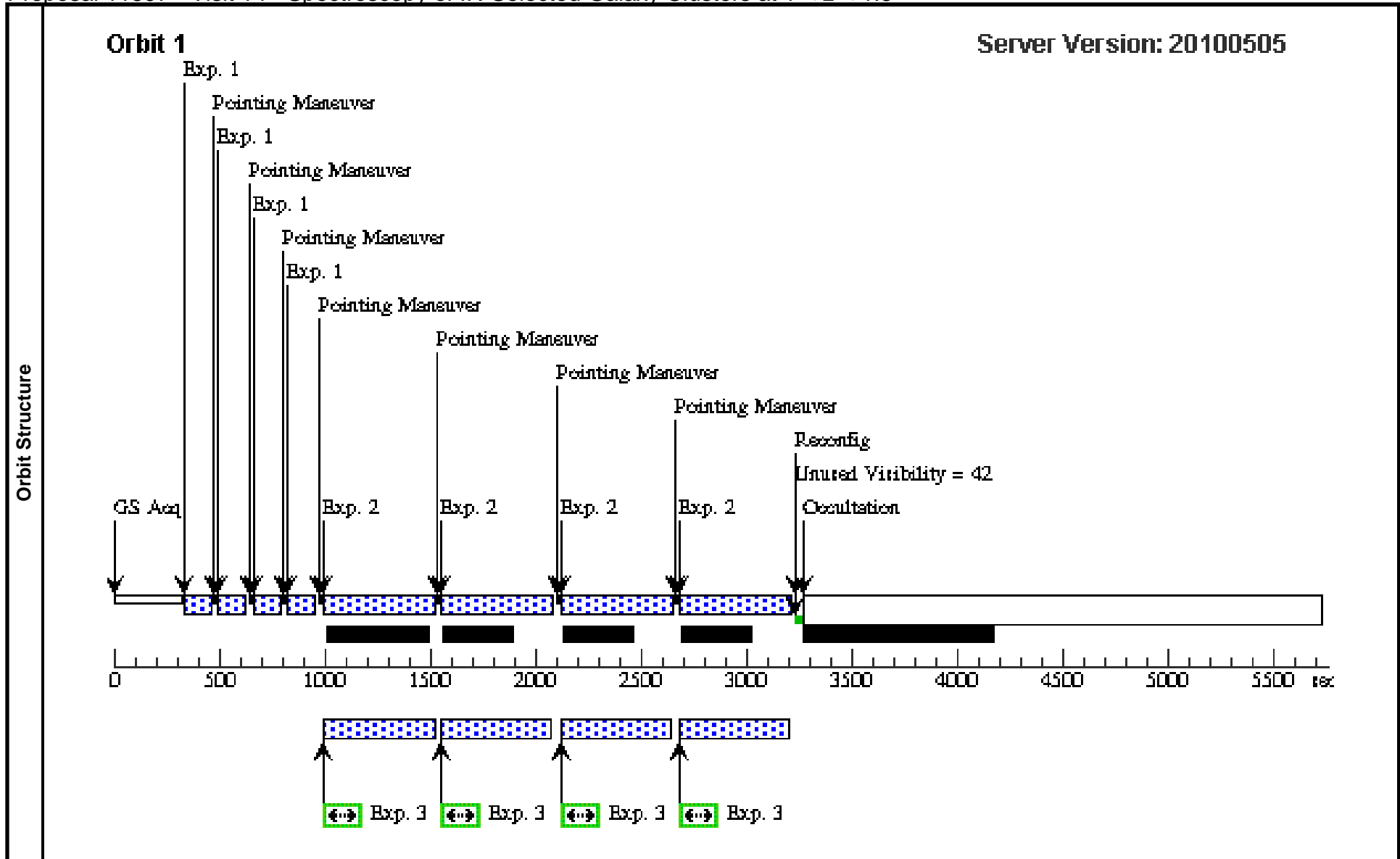
Visit	Proposal 11597, Visit 13, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 240D TO 280 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(13)	ISCSJ1432.4+3250	RA: 14 32 24.0000 (218.1000000d) Dec: +32 50 0.00 (32.83333d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1432+32 50g141direct	(13) ISCSJ1432.4+3250	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPARS25	GS ACQ SCENARIO BASE1B3	Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1432+32 50g141	(13) ISCSJ1432.4+3250	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPARS100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1432+32 50g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 13 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:15 GMT 2010

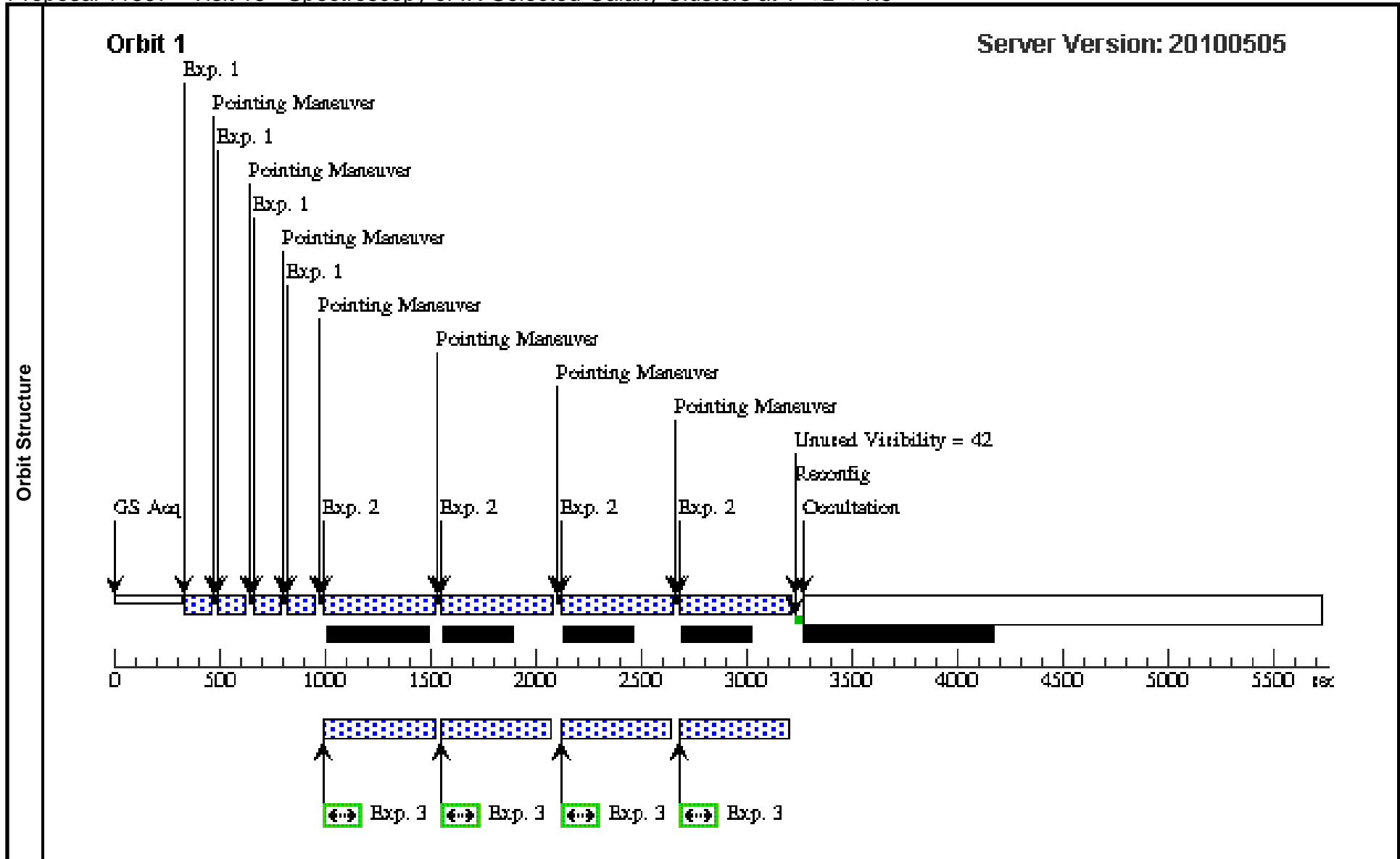
Visit	Proposal 11597, Visit 14, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 120D TO 150 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	ISCSJ1438.1+3414	RA: 14 38 6.0000 (219.5250000d) Dec: +34 14 0.00 (34.23333d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1438+34 14g141direct	(14) ISCSJ1438.1+3414	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPARS25	GS ACQ SCENARIO BASE1B3	Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1438+34 14g141	(14) ISCSJ1438.1+3414	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPARS100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1438+34 14g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 14 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:15 GMT 2010

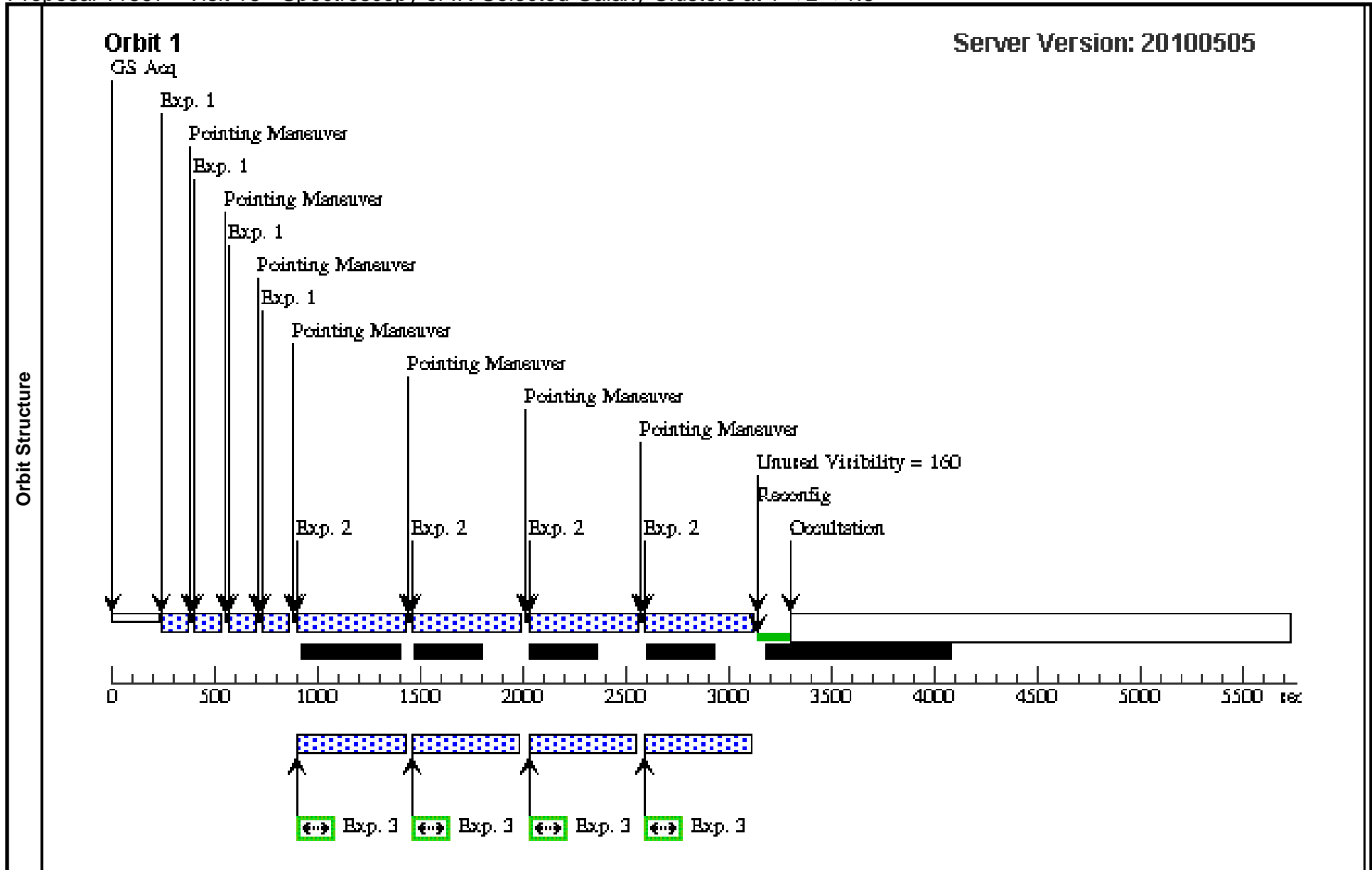
Visit	Proposal 11597, Visit 15, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 75D TO 105 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(15)	ISCSJ1433.8+3325	RA: 14 33 51.1000 (218.4629167d) Dec: +33 25 50.00 (33.43056d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1433+33 25g141direc t	(15) ISCSJ1433.8+3325	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25		Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1433+33 25g141	(15) ISCSJ1433.8+3325	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1433+33 25g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 15 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:15 GMT 2010

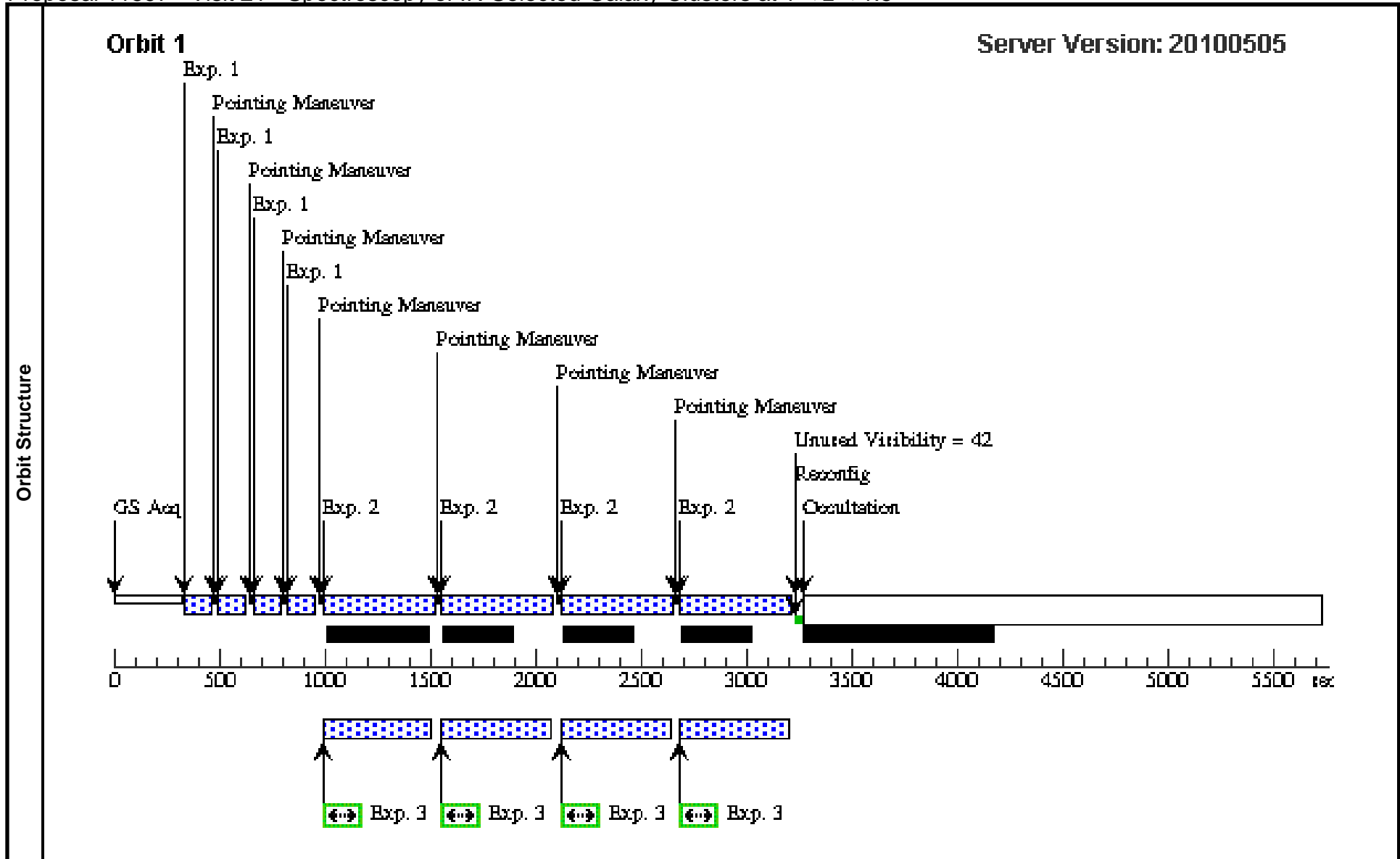
Visit	Proposal 11597, Visit 16, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 165D TO 195 D; ORIENT 275D TO 300 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(16)	ISCSJ1434.7+3519	RA: 14 34 46.3000 (218.6929167d) Dec: +35 19 33.00 (35.32583d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1434+35 19g141direc t	(16) ISCSJ1434.7+3519	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25	GS ACQ SCENARIO SINGLE	Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1434+35 19g141	(16) ISCSJ1434.7+3519	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1434+35 19g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 16 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:16 GMT 2010

Visit	Proposal 11597, Visit 21, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(19)	10.29	RA: 14 32 38.3800 (218.1599167d) Dec: +34 36 49.00 (34.61361d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	10.29g141di rect	(19) 10.29	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25		Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	10.29g141	(19) 10.29	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	10.29g141pa r	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>300.0 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]

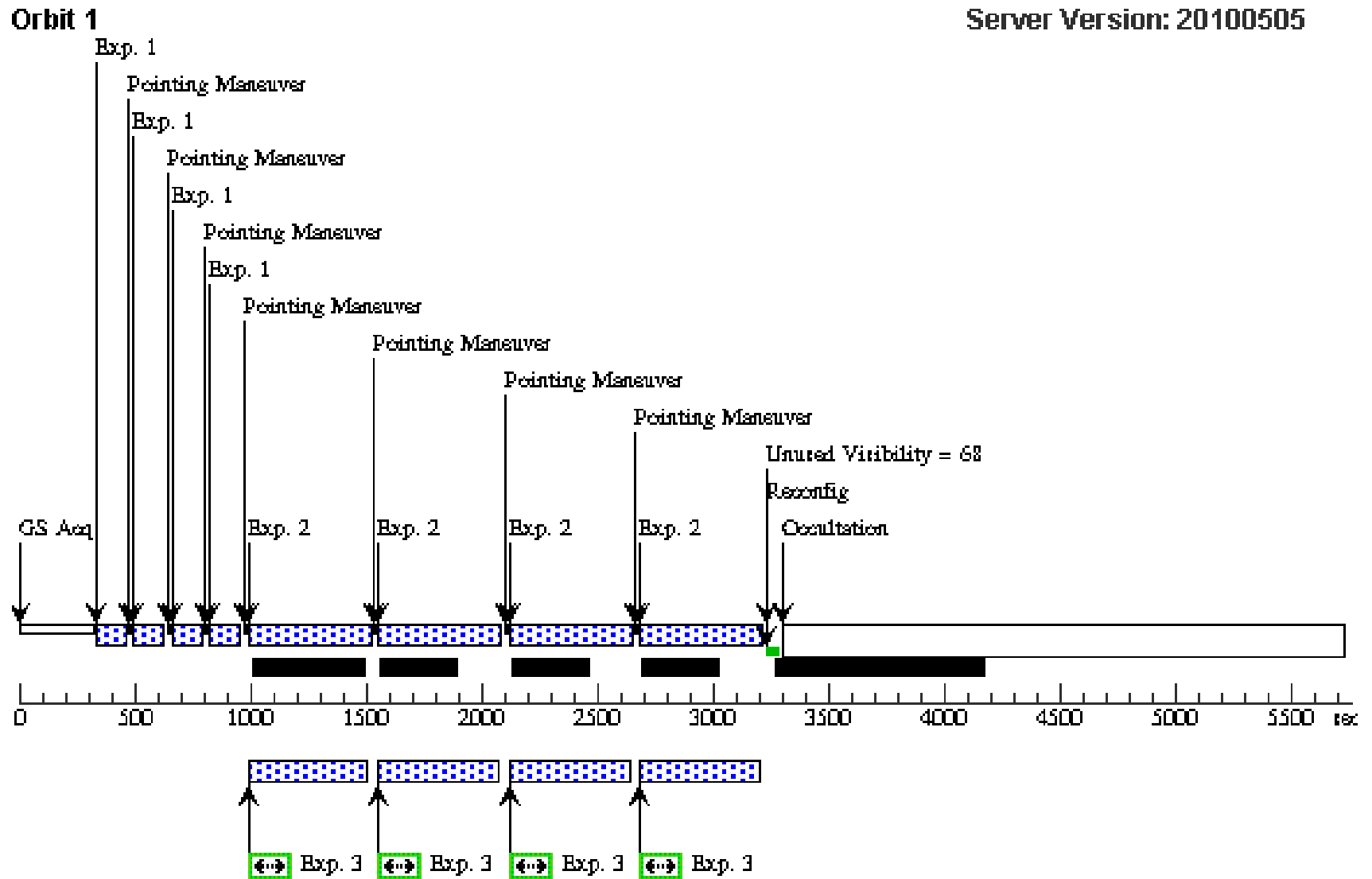


Proposal 11597 - Visit 21 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:16 GMT 2010

Visit	Proposal 11597, Visit 22, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(20)	10.112	RA: 14 31 9.0000 (217.7875000d) Dec: +35 00 15.00 (35.00417d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	10.112g141 direct	(20) 10.112	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25		Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	10.112g141	(20) 10.112	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	10.112g141 par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>300.0 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]

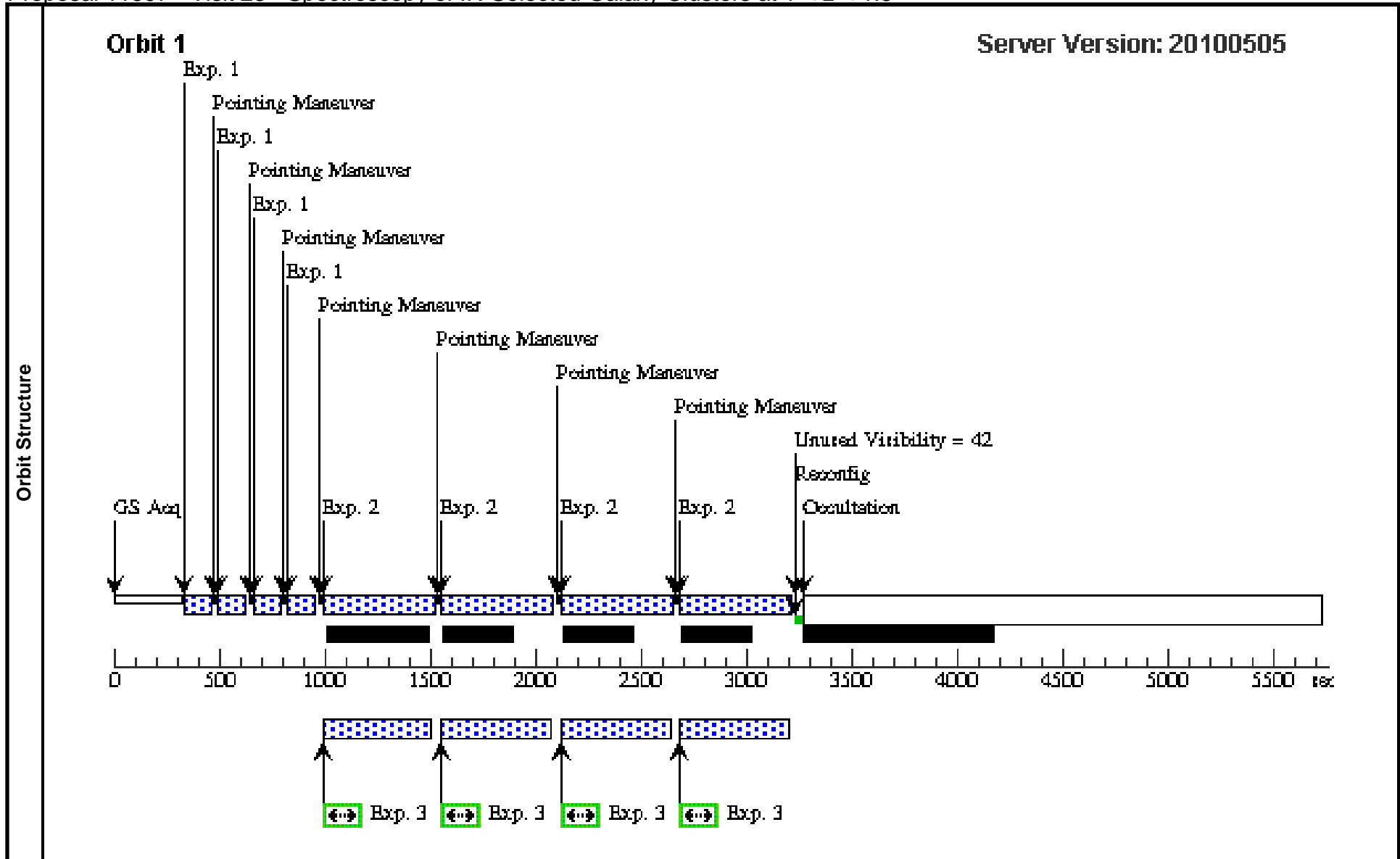
Orbit Structure



Proposal 11597 - Visit 22 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:17 GMT 2010

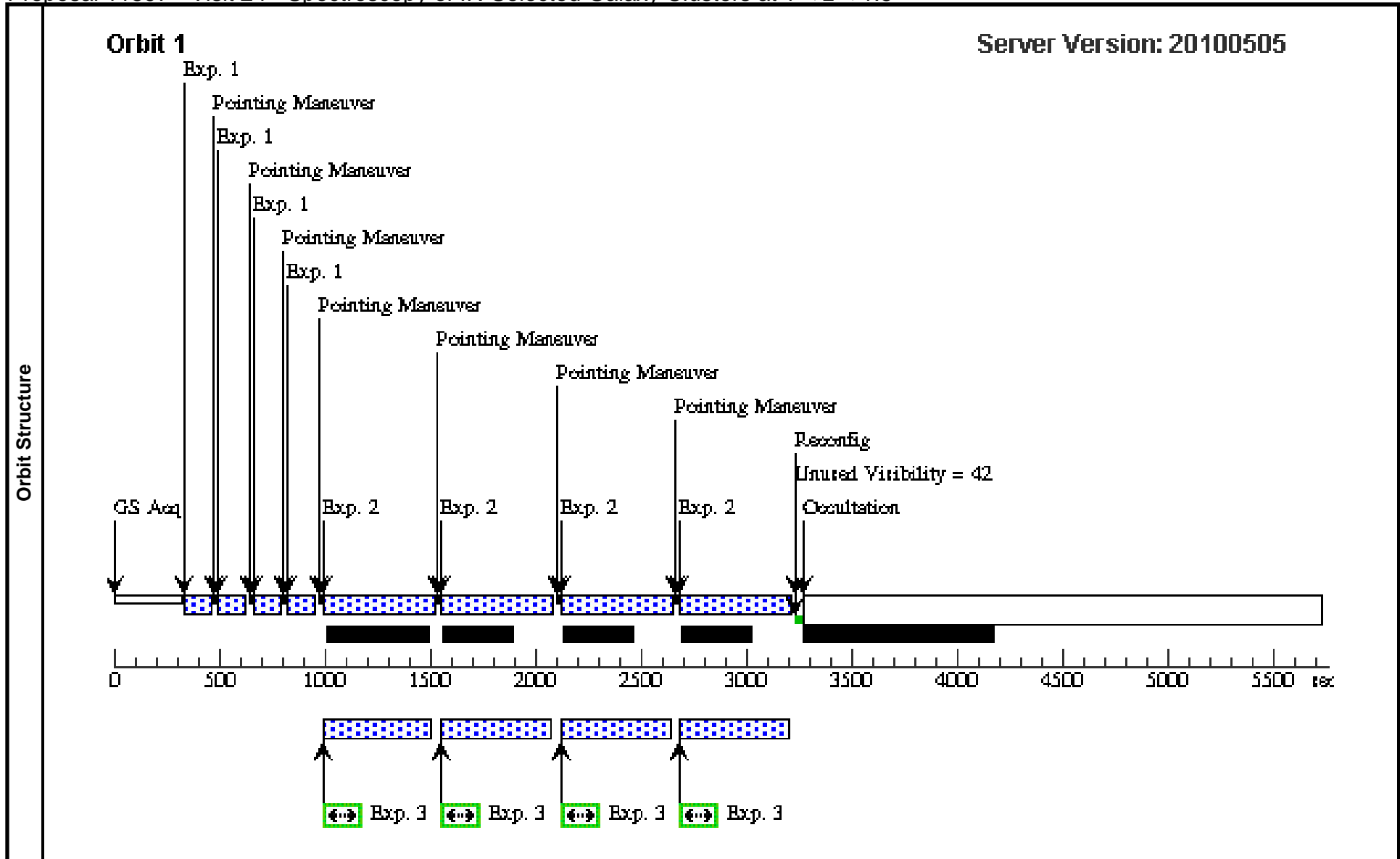
Visit	Proposal 11597, Visit 23, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(23)	10.51	RA: 14 29 15.1600 (217.3131667d) Dec: +33 57 8.50 (33.95236d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	10.51g141di rect	(23) 10.51	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25		Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	10.51g141	(23) 10.51	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	10.51g141pa r	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>300.0 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 23 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:17 GMT 2010

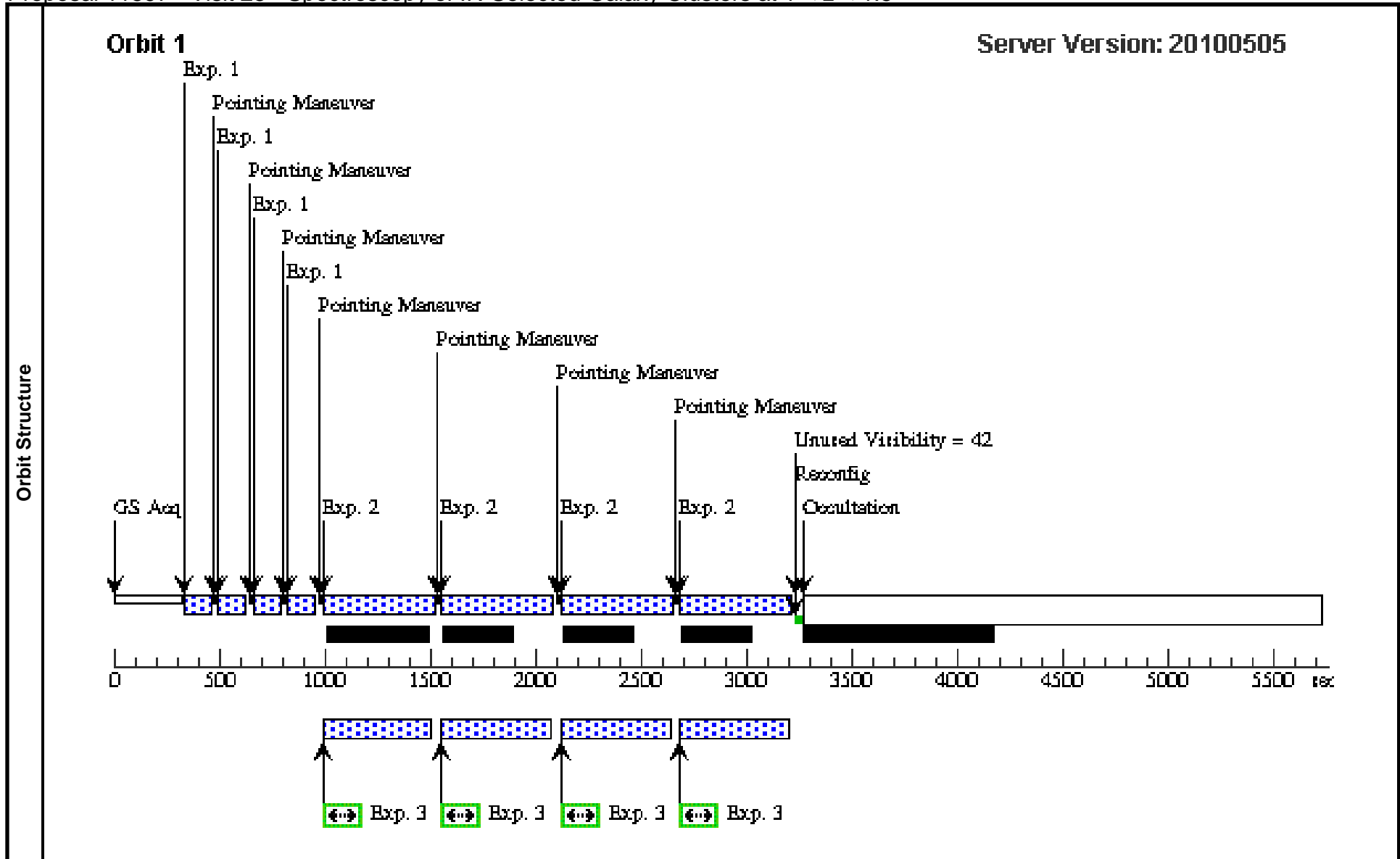
Visit	Proposal 11597, Visit 24, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(22)	8.90	RA: 14 25 19.3000 (216.3304167d) Dec: +34 28 38.00 (34.47722d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	8.90g141dir ect	(22) 8.90	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25		Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	8.90g141	(22) 8.90	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	8.90g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>300.0 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 24 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:17 GMT 2010

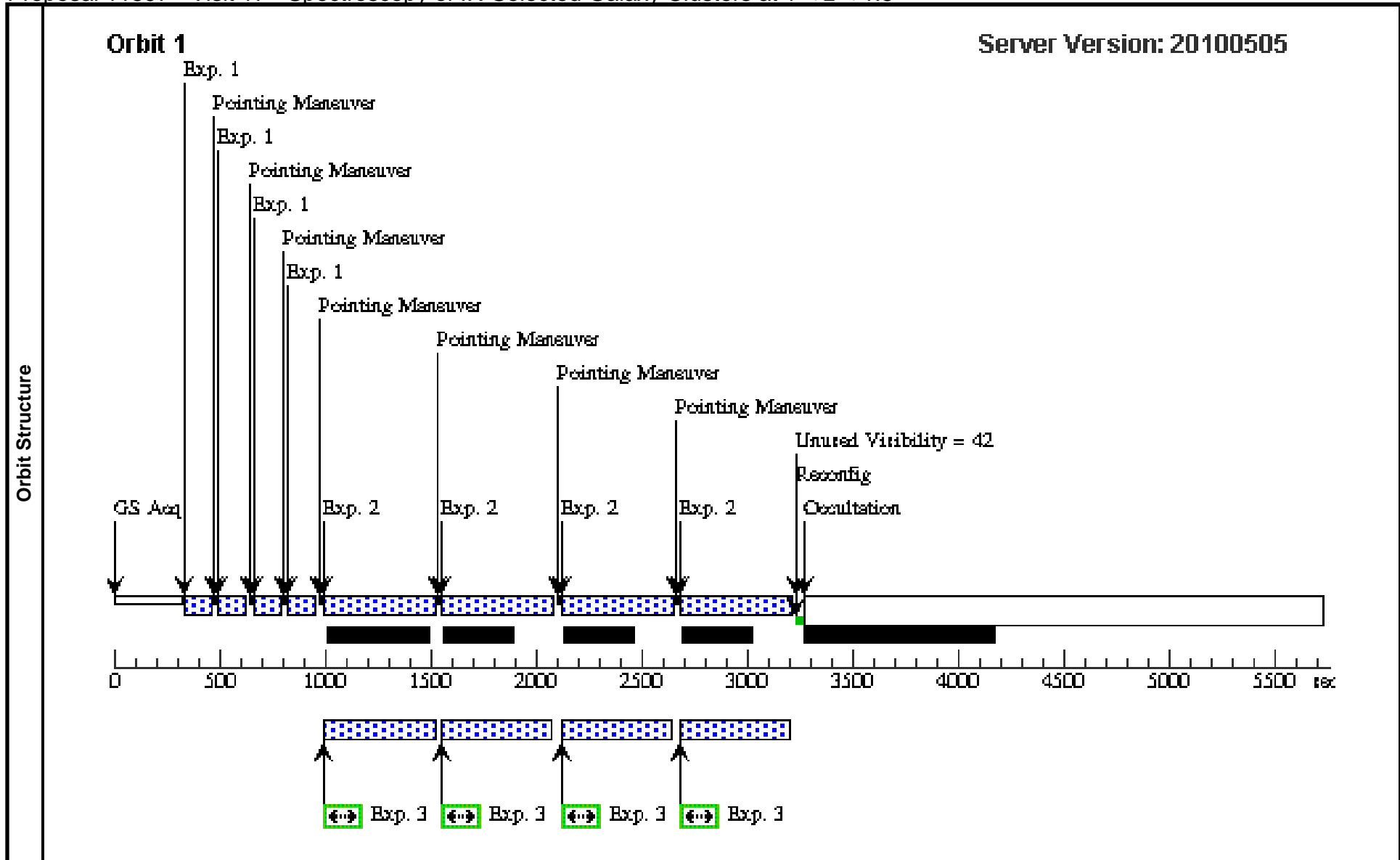
Visit	Proposal 11597, Visit 25, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(21)	25.643	RA: 14 36 59.9500 (219.2497917d) Dec: +34 59 44.25 (34.99563d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	25.643g141 direct	(21) 25.643	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25		Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	25.643g141	(21) 25.643	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	25.643g141 par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>300.0 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 25 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:17 GMT 2010

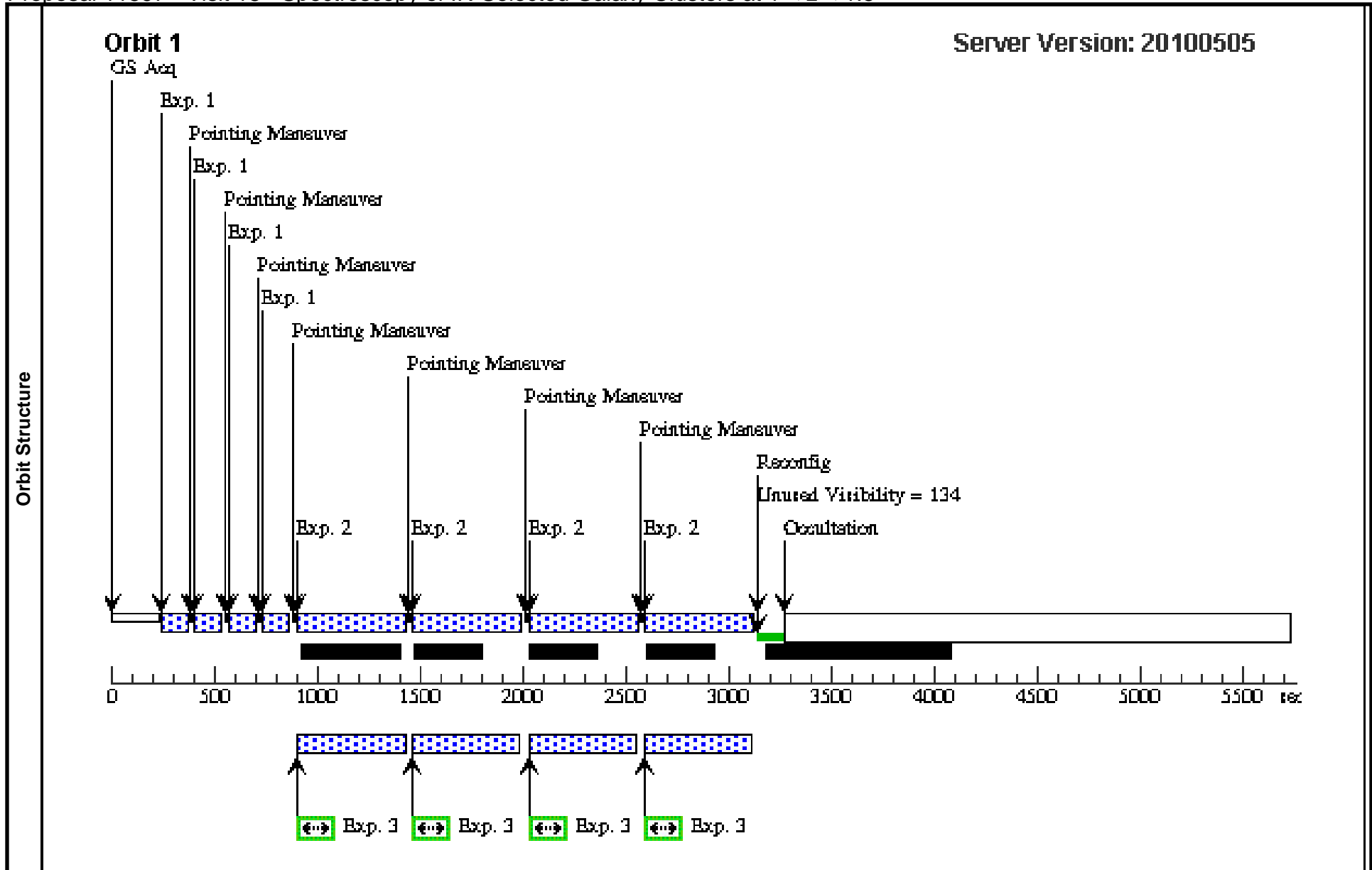
Visit	Proposal 11597, Visit 17, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 240D TO 280 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(17)	ISCSJ1425.3+3250	RA: 14 25 18.0000 (216.3250000d) Dec: +32 50 0.00 (32.83333d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1425+32 50g141direc t	(17) ISCSJ1425.3+3 250	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25		Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1425+32 50g141	(17) ISCSJ1425.3+3 250	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1425+32 50g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 17 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:18 GMT 2010

Visit	Proposal 11597, Visit 18, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 180D TO 210 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(1), (2-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(18)	ISCSJ1431.1+3459	RA: 14 31 6.0000 (217.7750000d) Dec: +34 59 0.00 (34.98333d) Equinox: J2000		V=25 +/-1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	iscs1431+34 59g141direct	(18) ISCSJ1431.1+3459	WFC3/IR, MULTIACCUM, G141-REF	F160W	NSAMP=5; SAMP-SEQ=SPAR S25	GS ACQ SCENARIO SINGLE	Pattern 1, Exps 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	iscs1431+34 59g141	(18) ISCSJ1431.1+3459	WFC3/IR, MULTIACCUM, IR	G141	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1431+34 59g141par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>325 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 11597 - Visit 18 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

Thu Aug 26 01:04:18 GMT 2010

Visit	Proposal 11597, Visit 20, completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 120D TO 150 D					
Diagnostics	(Visit 20) Warning (Orbit Planner): VISIBILITY OVERRUN (Visit 20) Warning (Orbit Planner): VISIBILITY OVERRUN (Visit 20) Warning (Orbit Planner): VISIBILITY OVERRUN (Visit 20) Warning (Orbit Planner): VISIBILITY OVERRUN					
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365 Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=true		(2-3), (5-6), (8-9), (11-12), (14-15)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	ISCSJ1438.1+3414	RA: 14 38 6.0000 (219.5250000d) Dec: +34 14 0.00 (34.23333d) Equinox: J2000		V=25+/-1	Reference Frame: ICRS

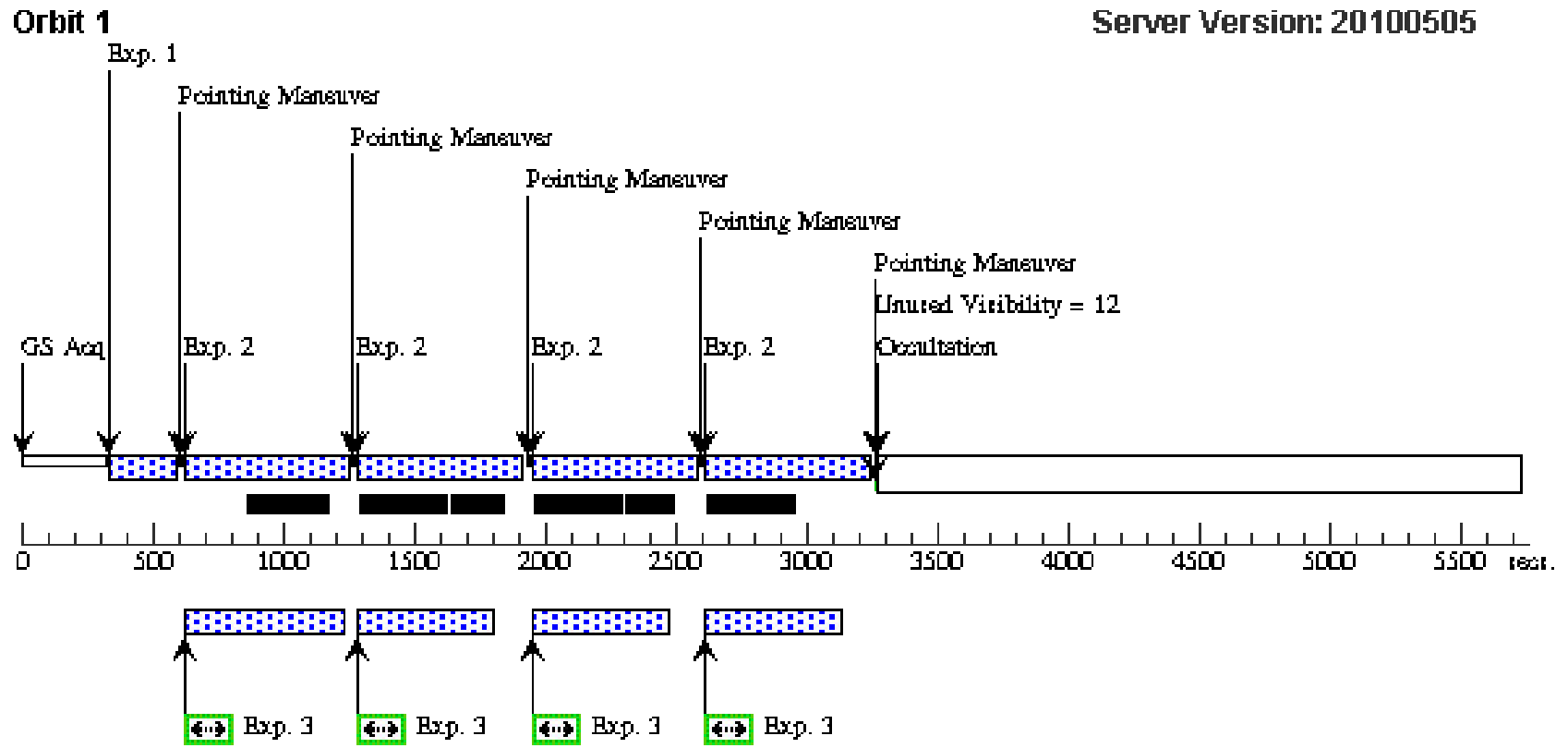
Proposal 11597 - Visit 18 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	iscs1438+34 14g102direct	(14) ISCSJ1438.1+3 414	WFC3/IR, MULTIACCUM, G102-REF	F105W	NSAMP=10; SAMP-SEQ=SPAR S25	GS ACQ SCENARI O BASE1B3 Sequence 1-3 Non-Int	[==>]	[1]
	2	iscs1438+34 14g102	(14) ISCSJ1438.1+3 414	WFC3/IR, MULTIACCUM, IR	G102	SAMP-SEQ=SPARS 100; NSAMP=7	Sequence 1-3 Non-Int Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	3	iscs1438+34 14g102par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W		Sequence 1-3 Non-Int Pattern 1, Exps 2-3 (1) Prime + Parallel Group 2-3	400 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	4	iscs1438+34 14g102direct	(14) ISCSJ1438.1+3 414	WFC3/IR, MULTIACCUM, G102-REF	F105W	NSAMP=8; SAMP-SEQ=SPAR S50	Sequence 4-6 Non-Int	[==>]	[2]
	5	iscs1438+34 14g102	(14) ISCSJ1438.1+3 414	WFC3/IR, MULTIACCUM, IR	G102	SAMP-SEQ=SPARS 100; NSAMP=7	Sequence 4-6 Non-Int Pattern 1, Exps 5-6 (1) Prime + Parallel Group 5-6	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]
	6	iscs1438+34 14g102par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W		Sequence 4-6 Non-Int Pattern 1, Exps 5-6 (1) Prime + Parallel Group 5-6	400 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]
	7	iscs1438+34 14g102direct	(14) ISCSJ1438.1+3 414	WFC3/IR, MULTIACCUM, G102-REF	F105W	NSAMP=8; SAMP-SEQ=SPAR S50	Sequence 7-9 Non-Int	[==>]	[3]
	8	iscs1438+34 14g102	(14) ISCSJ1438.1+3 414	WFC3/IR, MULTIACCUM, IR	G102	SAMP-SEQ=SPARS 100; NSAMP=7	Sequence 7-9 Non-Int Pattern 1, Exps 8-9 (1) Prime + Parallel Group 8-9	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[3]
	9	iscs1438+34 14g102par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W		Sequence 7-9 Non-Int Pattern 1, Exps 8-9 (1) Prime + Parallel Group 8-9	400 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[3]
	10	iscs1438+34 14g102direct	(14) ISCSJ1438.1+3 414	WFC3/IR, MULTIACCUM, G102-REF	F105W	NSAMP=8; SAMP-SEQ=SPAR S50	Sequence 10-12 Non-Int	[==>]	[4]

Proposal 11597 - Visit 18 - Spectroscopy of IR-Selected Galaxy Clusters at $1 < z < 1.5$

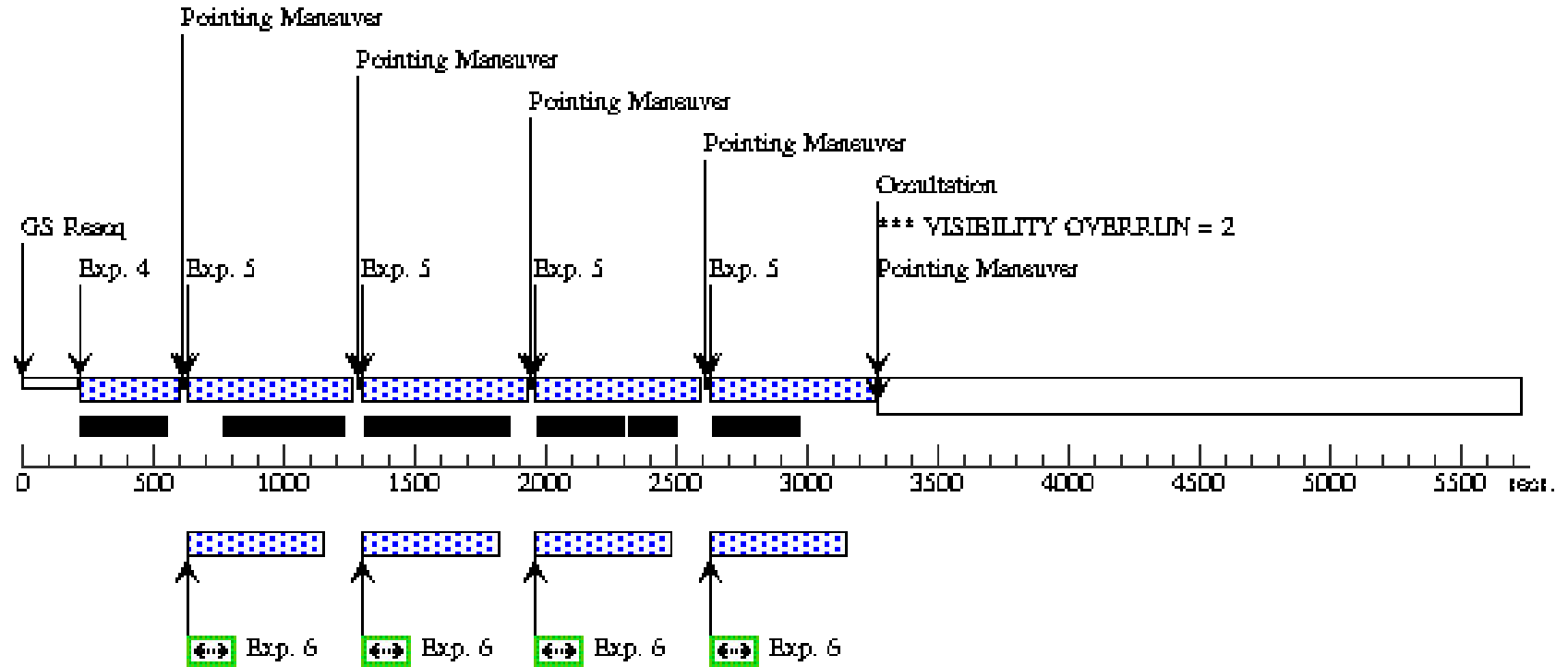
11	iscs1438+34 14g102	(14) ISCSJ1438.1+3 414	WFC3/IR, MULTIACCUM, IR	G102	SAMP-SEQ=SPARS 100; NSAMP=7	Sequence 10-12 Non-Int Pattern 1, Exps 11-12 (1) Prime + Parallel Group 11-12	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[4]
12	iscs1438+34 14g102par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W		Sequence 10-12 Non-Int Pattern 1, Exps 11-12 (1) Prime + Parallel Group 11-12	400 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[4]
13	iscs1438+34 14g102direct	(14) ISCSJ1438.1+3 414	WFC3/IR, MULTIACCUM, G102-REF	F105W	NSAMP=8; SAMP-SEQ=SPARS50	Sequence 13-15 Non-Int	[==>]	[5]
14	iscs1438+34 14g102	(14) ISCSJ1438.1+3 414	WFC3/IR, MULTIACCUM, IR	G102	SAMP-SEQ=SPARS 100; NSAMP=7	Sequence 13-15 Non-Int Pattern 1, Exps 14-15 (1) Prime + Parallel Group 14-15	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[5]
15	iscs1438+34 14g102par	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W		Sequence 13-15 Non-Int Pattern 1, Exps 14-15 (1) Prime + Parallel Group 14-15	400 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[5]

Orbit Structure



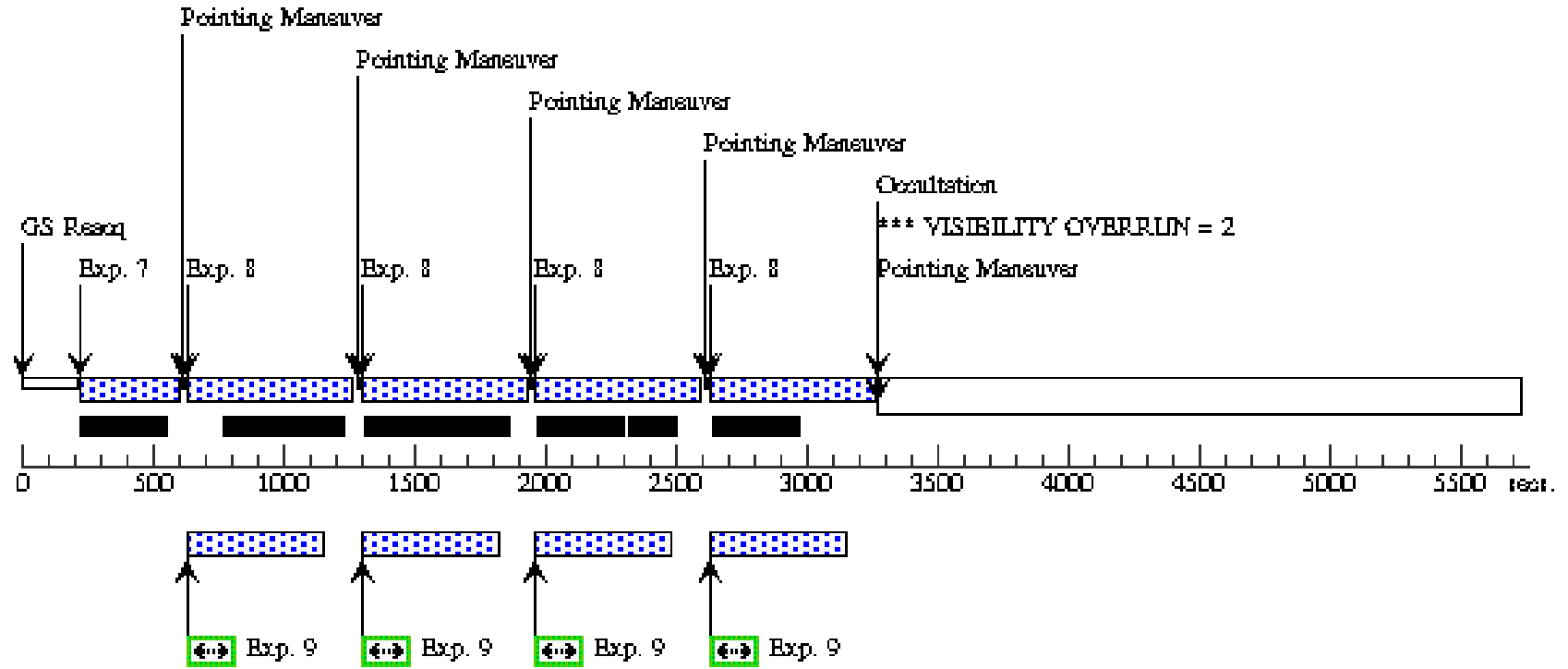
Orbit 2

Server Version: 20100505



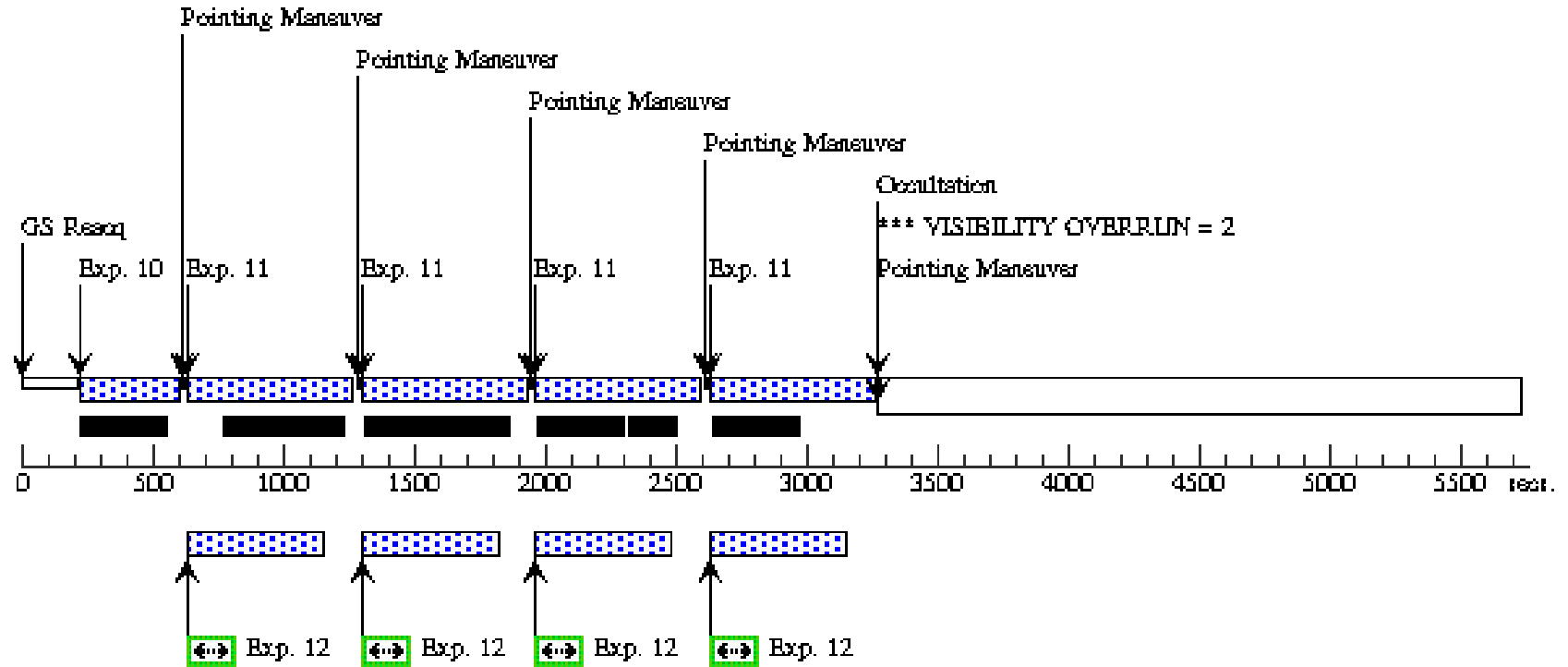
Orbit 3

Server Version: 20100505



Orbit 4

Server Version: 20100505



Orbit 5

