



13845 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite Galaxy Quenching

Cycle: 22, Proposal Category: GO

(Availability Mode: SUPPORTED)

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<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
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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) SPARCS-0034-EAST	WFC3/IR	2	04-Nov-2015 21:17:10.0	yes
02	(2) SPARCS-0036-EAST	WFC3/IR	2	04-Nov-2015 21:17:12.0	yes
03	(3) SPARCS-1613-EAST	WFC3/IR	2	04-Nov-2015 21:17:14.0	yes
04	(10) SPARCS-0035-EAST	WFC3/IR	2	04-Nov-2015 21:17:16.0	yes
05	(5) SPARCS-0215-EAST	WFC3/IR	2	04-Nov-2015 21:17:17.0	yes
06	(6) SPARCS-1051-EAST	WFC3/IR	2	04-Nov-2015 21:17:19.0	yes
07	(7) SPARCS-1616-EAST	WFC3/IR	2	04-Nov-2015 21:17:20.0	yes
08	(8) SPARCS-1634-NORTH	WFC3/IR	2	04-Nov-2015 21:17:22.0	yes
09	(9) SPARCS-1638-EAST	WFC3/IR	2	04-Nov-2015 21:17:24.0	yes
10	(4) SPARCS-1047	WFC3/IR	2	04-Nov-2015 21:17:25.0	yes
11	(11) SPARCS-0034-WEST	WFC3/IR	2	04-Nov-2015 21:17:27.0	yes
12	(21) SPARCS-0036-WEST	WFC3/IR	2	04-Nov-2015 21:17:29.0	yes
13	(31) SPARCS-1613-WEST	WFC3/IR	2	04-Nov-2015 21:17:30.0	yes
14	(101) SPARCS-0035-WEST	WFC3/IR	2	04-Nov-2015 21:17:32.0	yes
15	(51) SPARCS-0215-WEST	WFC3/IR	2	04-Nov-2015 21:17:36.0	yes
16	(61) SPARCS-1051-WEST	WFC3/IR	2	04-Nov-2015 21:17:37.0	yes
17	(71) SPARCS-1616-WEST	WFC3/IR	2	04-Nov-2015 21:17:40.0	yes
18	(81) SPARCS-1634-SOUTH	WFC3/IR	2	04-Nov-2015 21:17:41.0	yes
19	(91) SPARCS-1638-WEST	WFC3/IR	2	04-Nov-2015 21:17:42.0	yes
20	(101) SPARCS-0035-WEST	WFC3/IR	1	04-Nov-2015 21:17:43.0	yes

39 Total Orbits Used

ABSTRACT

It has been known for decades that satellite galaxies are always less star forming than central galaxies of similar mass. New, sophisticated modeling of satellites at both $z = 0$ and $z = 1$ has shown that the quenching of star formation in satellites must be a rapid process, occurring on a timescale of only ~ 0.5 Gyr. Despite good constraints on the quenching timescale, the detailed physics of how satellites actually shut down their star formation is still heavily debated. What is now desperately needed are high-quality observations of satellite galaxies directly in the process of quenching. In particular, resolved H-alpha maps would be extremely informative because H-alpha is a near instantaneous measure of the current SFR, showing where and when star formation is quenched. Thus far, these maps are only available locally for satellite galaxies in the Virgo cluster; however, they are fascinating. In H-alpha emission Virgo satellites are completely different than central galaxies, with $>50\%$ having highly truncated and disturbed disks, suggesting an outside-in truncation of star formation. We propose to obtain the first resolved H-alpha maps of star-forming satellite galaxies in massive clusters at $z \sim 1$. This high-redshift data will be critical to determine how satellite quenching evolves over time, as satellites have much higher gas fractions and star formation rates at $z \sim 1$. We will compare the H-alpha luminosities, sizes and profiles of the satellites to central galaxies in the 3D-HST survey and quantify how quenching affects star-forming disks at $z \sim 1$. This information will be key input for the next generation of physical models of satellite quenching.

OBSERVING DESCRIPTION

This program is for G141 grism observations of 10 massive clusters at $z \sim 1$. The observations are purposefully designed to have the same setup as the 3D-HST (GO-12177) grism program which observes field galaxies, and these will be used as a control sample in the analysis. The observations are 2-orbit depth grism observations of each pointing, and there are 2 pointings per target. Each pointing is a visit for ease of scheduling. Over the 2 orbits there are 4 offset positions used with the offsets being half-pixel plus a few arcsec so that the frames can be interlaced in the reduction. In each position there is a short F140W image so that the spectra can be identified using those images. The direct images are also used for science so that the shape of the galaxy can be recovered in the slitless spectra.

Nine of the clusters have 2 pointings to make a small mosaic. The observations have been organized in 2 orbit visits. Visits 1-10 are the first pointing for each target. Visits 11-19 are the second pointing on each target (1+11, 2+12, 3+13, etc.). One target (visit 10) has only 1 pointing so 19 visits total.

****Important**** The orients of the two pointings per target are set to match so that there is an overlapping mosaic, although the absolute orient is

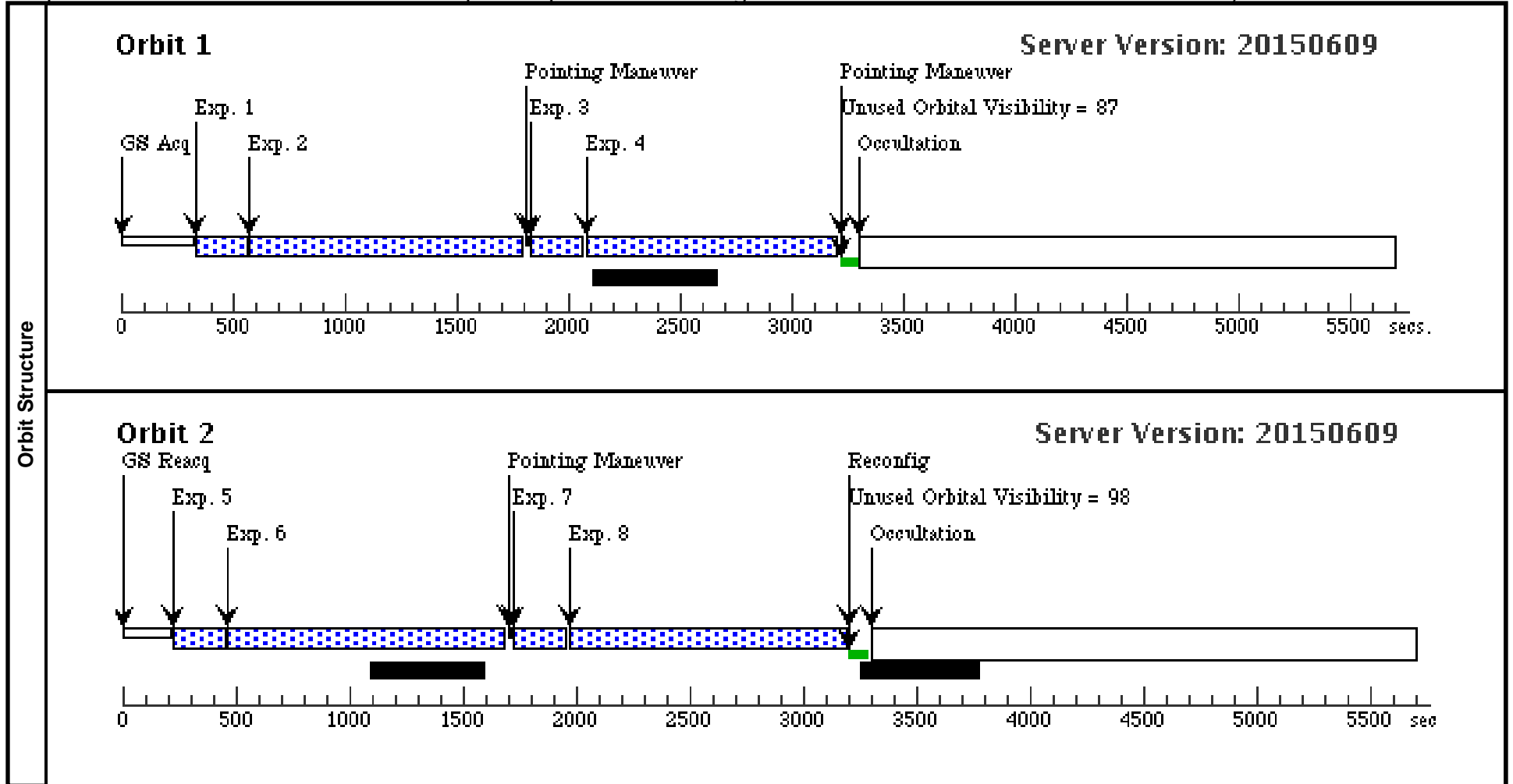
allowed to be free. In order that the 2 pointings have proper overlap for a small mosaic, the co-ordinates of visits 11-19 will need to be updated once the visits are actually scheduled.

Proposal 13845 - Visit 01 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:45 GMT 2015

Fixed Targets	Visit				
	Proposal 13845, Visit 01, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	SPARCS-0034-EAST	RA: 00 34 47.6800 (8.6986667d) Dec: -43 08 7.56 (-43.13543d) Equinox: J2000		V=20	Reference Frame: ICRS

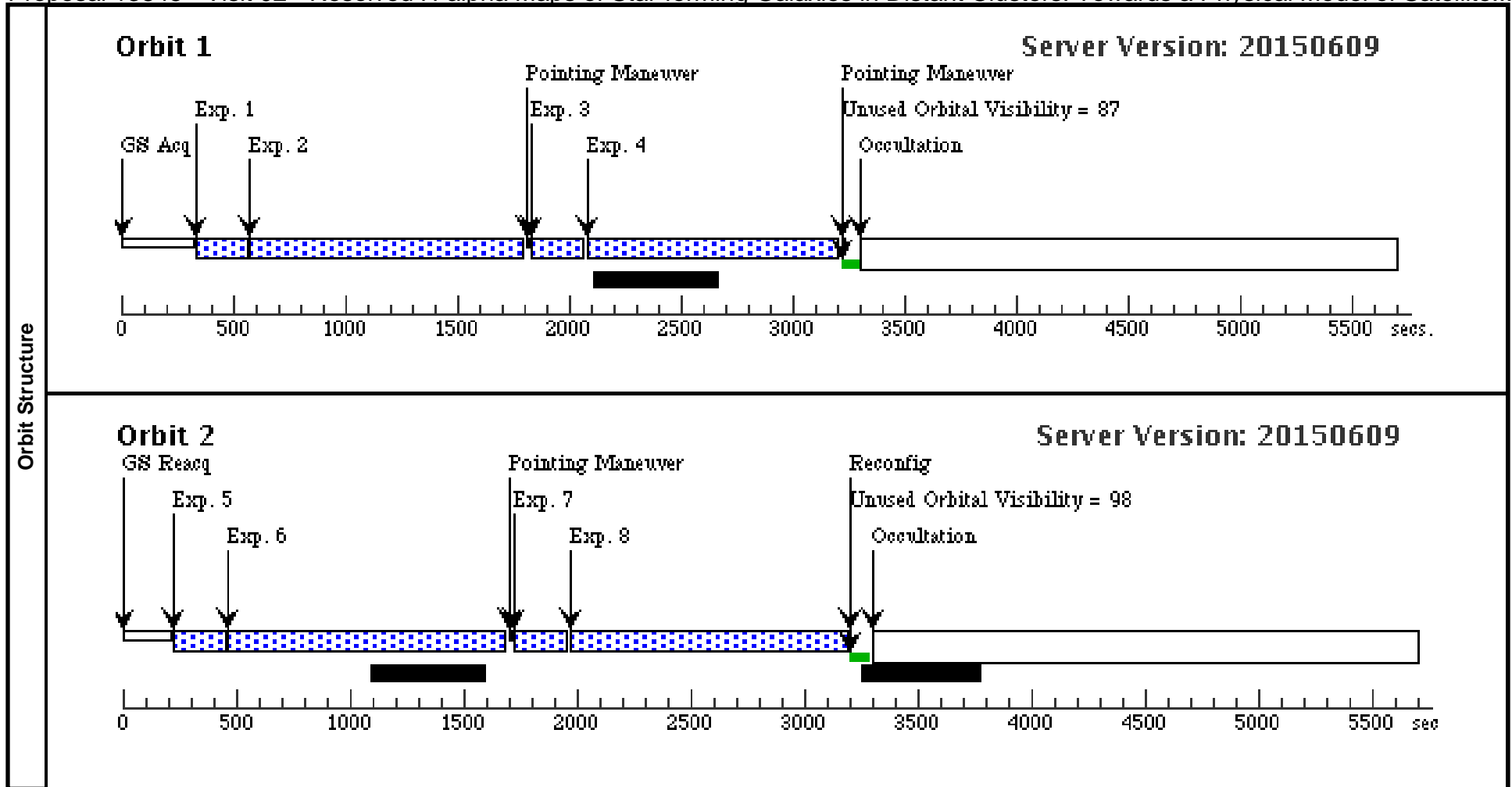
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) SPARCS-0034-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50			202.934095 Secs (202.934 Secs) [==>]	[1]
	2		(1) SPARCS-0034-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3		(1) SPARCS-0034-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0. 424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4		(1) SPARCS-0034-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0. 424		1102.935844 Secs (1102.936 Secs) [==>]	[1]
	5		(1) SPARCS-0034-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG 0.881,1. 212		202.934095 Secs (202.934 Secs) [==>]	[2]
	6		(1) SPARCS-0034-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1. 212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7		(1) SPARCS-0034-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0 .788		202.934095 Secs (202.934 Secs) [==>]	[2]
	8		(1) SPARCS-0034-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.474,0 .788		1202.936167 Secs (1202.936 Secs) [==>]	[2]



Proposal 13845 - Visit 02 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:46 GMT 2015

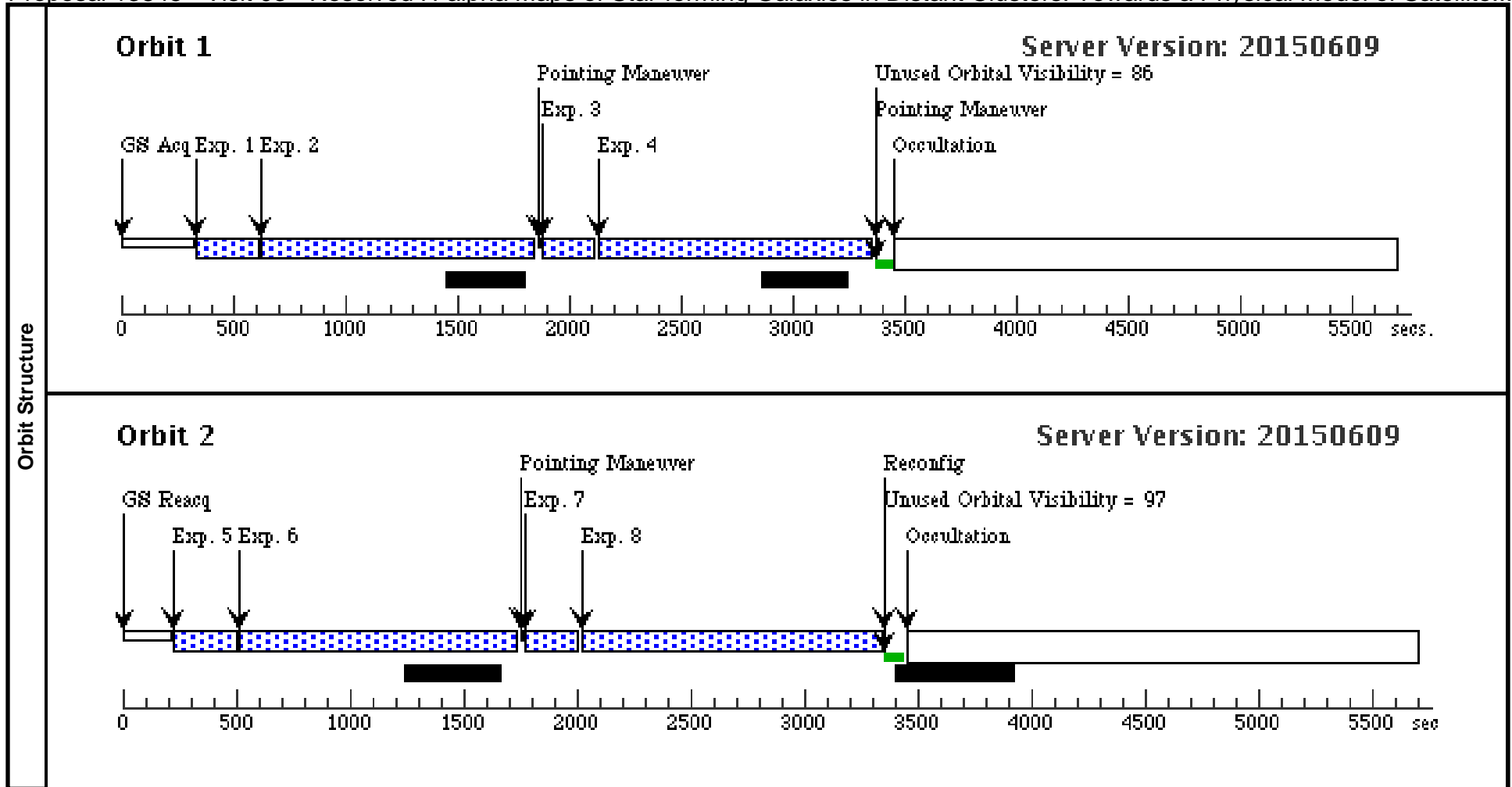
Fixed Targets	Visit									
	Proposal 13845, Visit 02, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
(2)	SPARCS-0036-EAST	RA: 00 36 49.1800 (9.2049167d) Dec: -44 10 49.13 (-44.18031d) Equinox: J2000		V=20.0	Reference Frame: ICRS					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) SPARCS-0036-E AST	(2) SPARCS-0036-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50			202.934095 Secs (202.934 Secs) [==>]	[1]
	2	(2) SPARCS-0036-E AST	(2) SPARCS-0036-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(2) SPARCS-0036-E AST	(2) SPARCS-0036-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0. 424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(2) SPARCS-0036-E AST	(2) SPARCS-0036-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0. 424		1102.935844 Secs (1102.936 Secs) [==>]	[1]
	5	(2) SPARCS-0036-E AST	(2) SPARCS-0036-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG 0.881,1. 212		202.934095 Secs (202.934 Secs) [==>]	[2]
	6	(2) SPARCS-0036-E AST	(2) SPARCS-0036-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1. 212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(2) SPARCS-0036-E AST	(2) SPARCS-0036-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0 .788		202.934095 Secs (202.934 Secs) [==>]	[2]
8	(2) SPARCS-0036-E AST	(2) SPARCS-0036-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.474,0 .788		1202.936167 Secs (1202.936 Secs) [==>]	[2]	



Proposal 13845 - Visit 03 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

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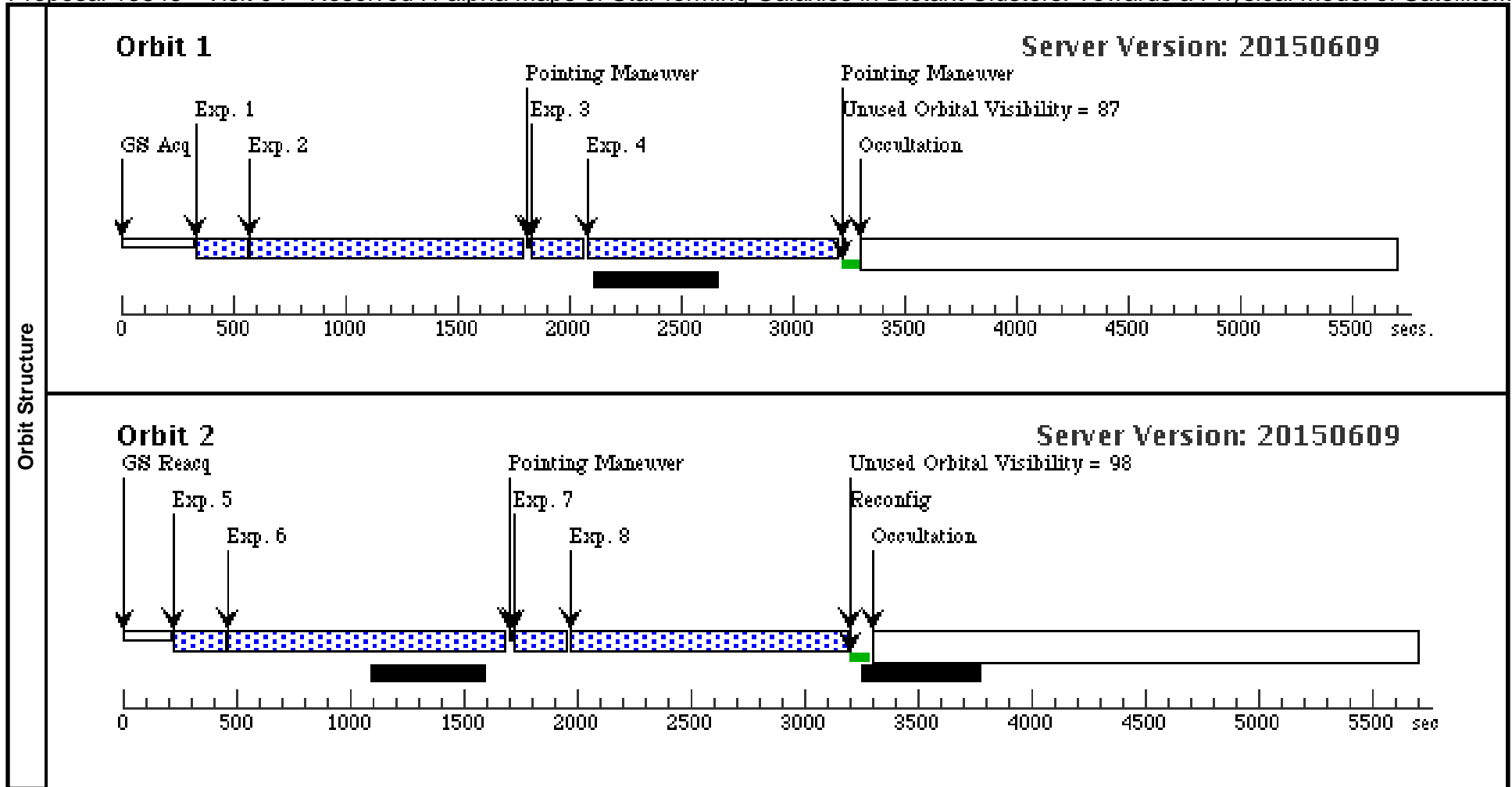
Visit	Proposal 13845, Visit 03, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	SPARCS-1613-EAST	RA: 16 13 20.1300 (243.3338750d) Dec: +56 49 22.82 (56.82301d) Equinox: J2000			V=20.0	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(3) SPARCS-1613-E AST	(3) SPARCS-1613-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50			252.934546 Secs (252.935 Secs) [==>]	[1]
	2	(3) SPARCS-1613-E AST	(3) SPARCS-1613-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(3) SPARCS-1613-E AST	(3) SPARCS-1613-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0. 424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(3) SPARCS-1613-E AST	(3) SPARCS-1613-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 1.355,0. 424		1202.936167 Secs (1202.936 Secs) [==>]	[1]
	5	(3) SPARCS-1613-E AST	(3) SPARCS-1613-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50	POS TARG 0.881,1. 212		252.934546 Secs (252.935 Secs) [==>]	[2]
	6	(3) SPARCS-1613-E AST	(3) SPARCS-1613-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1. 212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(3) SPARCS-1613-E AST	(3) SPARCS-1613-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0 .788		202.934095 Secs (202.934 Secs) [==>]	[2]
	8	(3) SPARCS-1613-E AST	(3) SPARCS-1613-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG -0.474,0 .788		1302.93649 Secs (1302.936 Secs) [==>]	[2]



Proposal 13845 - Visit 04 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

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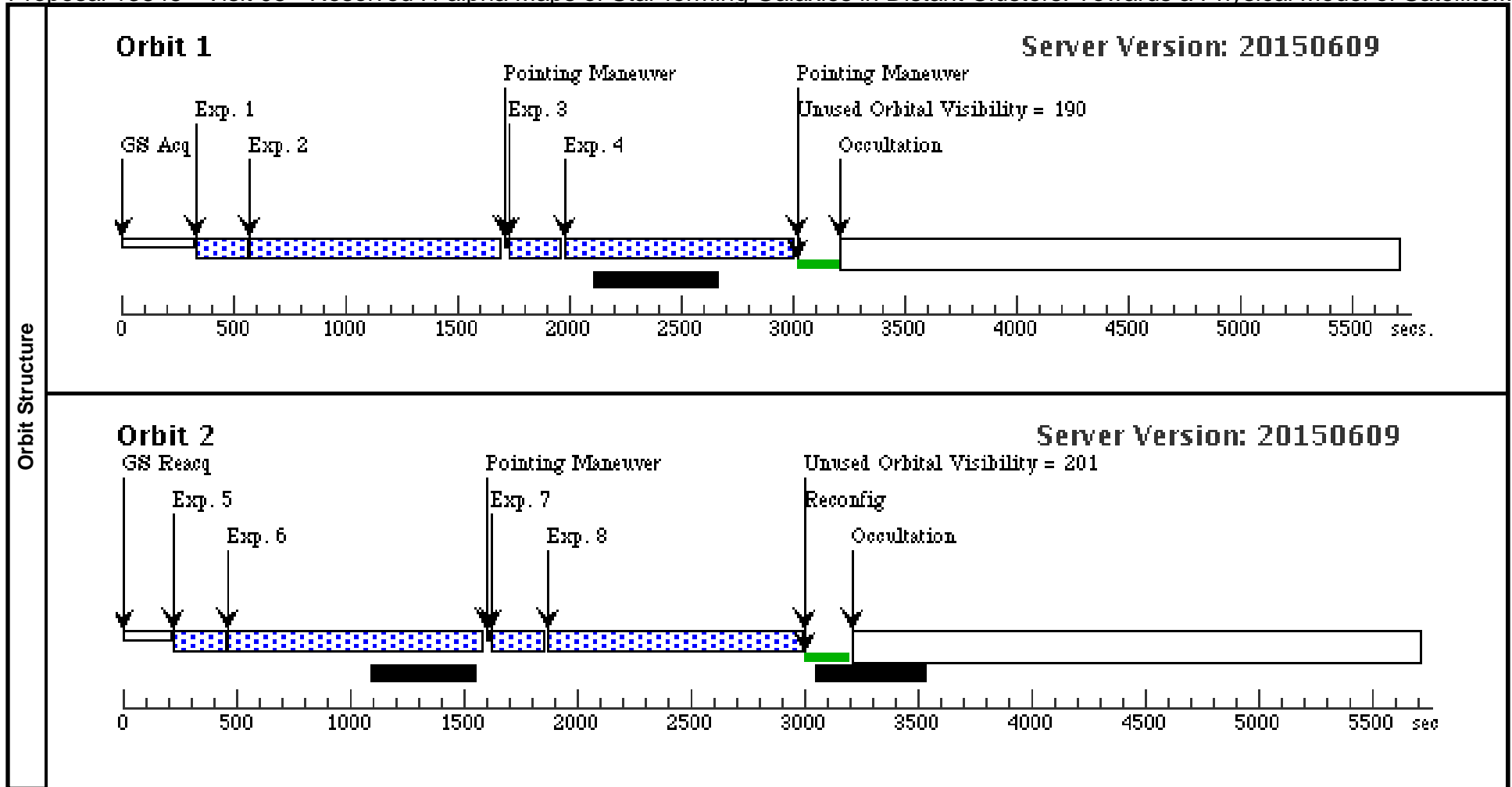
Visit	Proposal 13845, Visit 04, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(10)	SPARCS-0035-EAST	RA: 00 35 53.8500 (8.9743750d) Dec: -43 12 21.25 (-43.20590d) Equinox: J2000		V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(10) SPARCS-0035-EAST	(10) SPARCS-0035-EAST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50			202.934095 Secs (202.934 Secs) [==>]	[1]
	2	(10) SPARCS-0035-EAST	(10) SPARCS-0035-EAST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(10) SPARCS-0035-EAST	(10) SPARCS-0035-EAST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0.424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(10) SPARCS-0035-EAST	(10) SPARCS-0035-EAST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424		1102.935844 Secs (1102.936 Secs) [==>]	[1]
	5	(10) SPARCS-0035-EAST	(10) SPARCS-0035-EAST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG 0.881,1.212		202.934095 Secs (202.934 Secs) [==>]	[2]
	6	(10) SPARCS-0035-EAST	(10) SPARCS-0035-EAST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(10) SPARCS-0035-EAST	(10) SPARCS-0035-EAST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0.788		202.934095 Secs (202.934 Secs) [==>]	[2]
	8	(10) SPARCS-0035-EAST	(10) SPARCS-0035-EAST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788		1202.936167 Secs (1202.936 Secs) [==>]	[2]



Proposal 13845 - Visit 05 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:46 GMT 2015

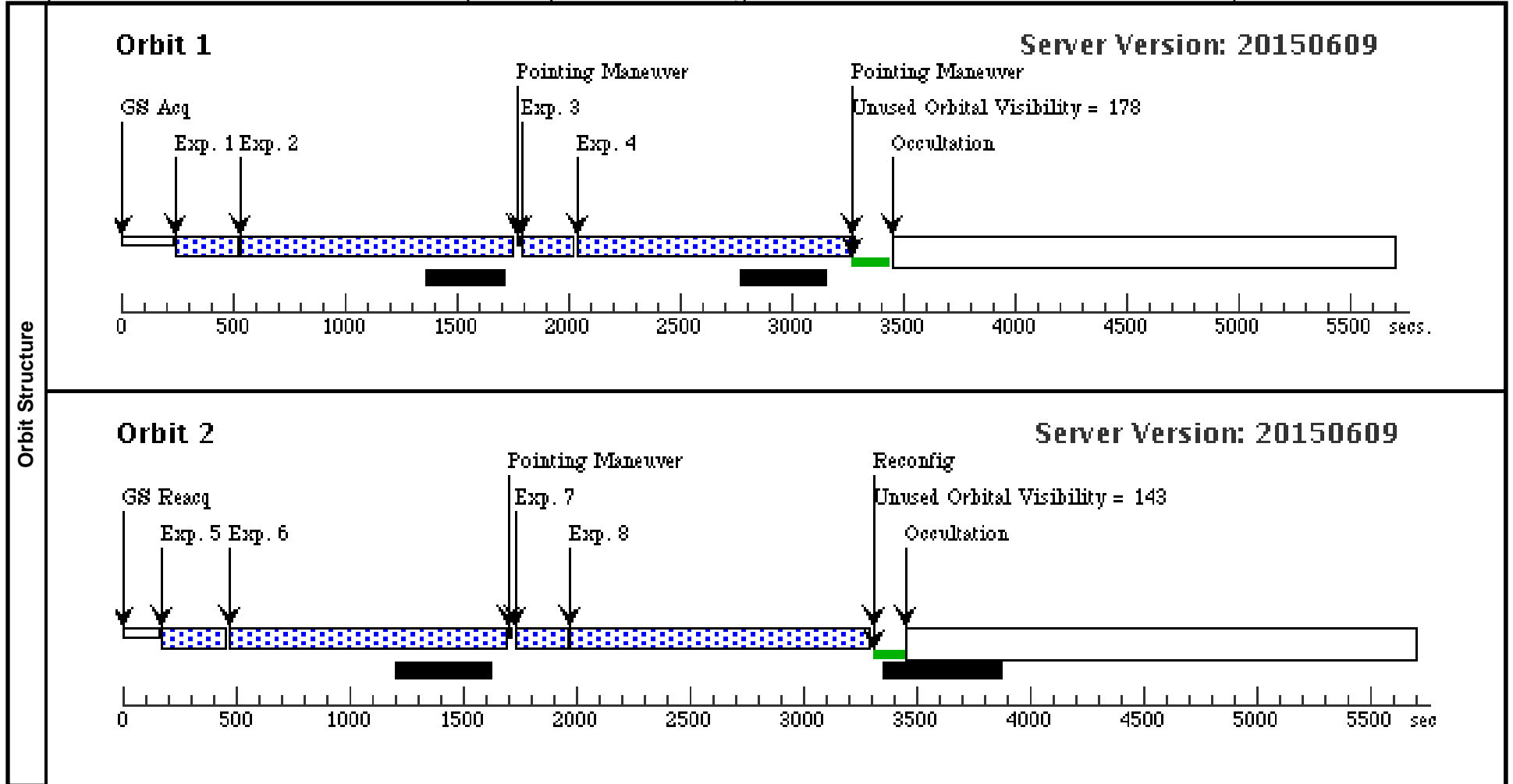
Visit	Proposal 13845, Visit 05, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(5)	SPARCS-0215-EAST	RA: 02 15 27.4300 (33.8642917d) Dec: -03 43 44.34 (-3.72898d) Equinox: J2000		V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(5) SPARCS-0215-E AST	(5) SPARCS-0215-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50			202.934095 Secs (202.934 Secs) [==>]	[1]
	2	(5) SPARCS-0215-E AST	(5) SPARCS-0215-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100			1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(5) SPARCS-0215-E AST	(5) SPARCS-0215-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0. 424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(5) SPARCS-0215-E AST	(5) SPARCS-0215-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG 1.355,0. 424		1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	(5) SPARCS-0215-E AST	(5) SPARCS-0215-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG 0.881,1. 212		202.934095 Secs (202.934 Secs) [==>]	[2]
	6	(5) SPARCS-0215-E AST	(5) SPARCS-0215-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.881,1. 212		1102.935844 Secs (1102.936 Secs) [==>]	[2]
	7	(5) SPARCS-0215-E AST	(5) SPARCS-0215-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0 .788		202.934095 Secs (202.934 Secs) [==>]	[2]
	8	(5) SPARCS-0215-E AST	(5) SPARCS-0215-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG -0.474,0 .788		1102.935844 Secs (1102.936 Secs) [==>]	[2]



Proposal 13845 - Visit 06 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:46 GMT 2015

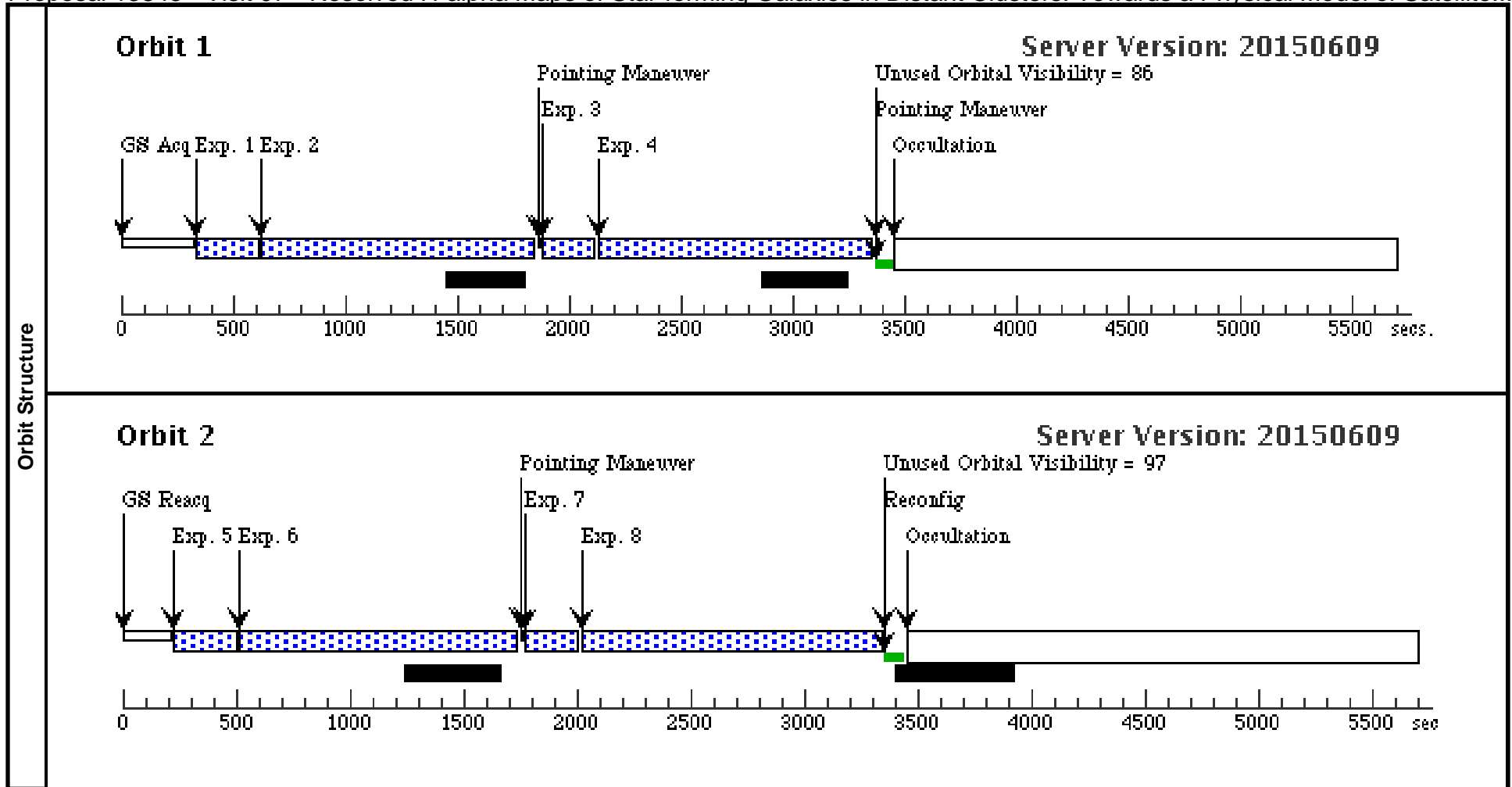
Fixed Targets	Visit									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	SPARCS-1051-EAST	RA: 10 51 13.4000 (162.8058333d) Dec: +58 18 12.33 (58.30342d) Equinox: J2000		V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(6) SPARCS-1051-E AST	(6) SPARCS-1051-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O ONEB1B3		252.934546 Secs (252.935 Secs) [==>]	[1]
	2	(6) SPARCS-1051-E AST	(6) SPARCS-1051-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(6) SPARCS-1051-E AST	(6) SPARCS-1051-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0. 424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(6) SPARCS-1051-E AST	(6) SPARCS-1051-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 1.355,0. 424		1202.936167 Secs (1202.936 Secs) [==>]	[1]
	5	(6) SPARCS-1051-E AST	(6) SPARCS-1051-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50	POS TARG 0.881,1. 212		252.934546 Secs (252.935 Secs) [==>]	[2]
	6	(6) SPARCS-1051-E AST	(6) SPARCS-1051-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1. 212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(6) SPARCS-1051-E AST	(6) SPARCS-1051-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0 .788		202.934095 Secs (202.934 Secs) [==>]	[2]
	8	(6) SPARCS-1051-E AST	(6) SPARCS-1051-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG -0.474,0 .788		1302.93649 Secs (1302.936 Secs) [==>]	[2]



Proposal 13845 - Visit 07 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:47 GMT 2015

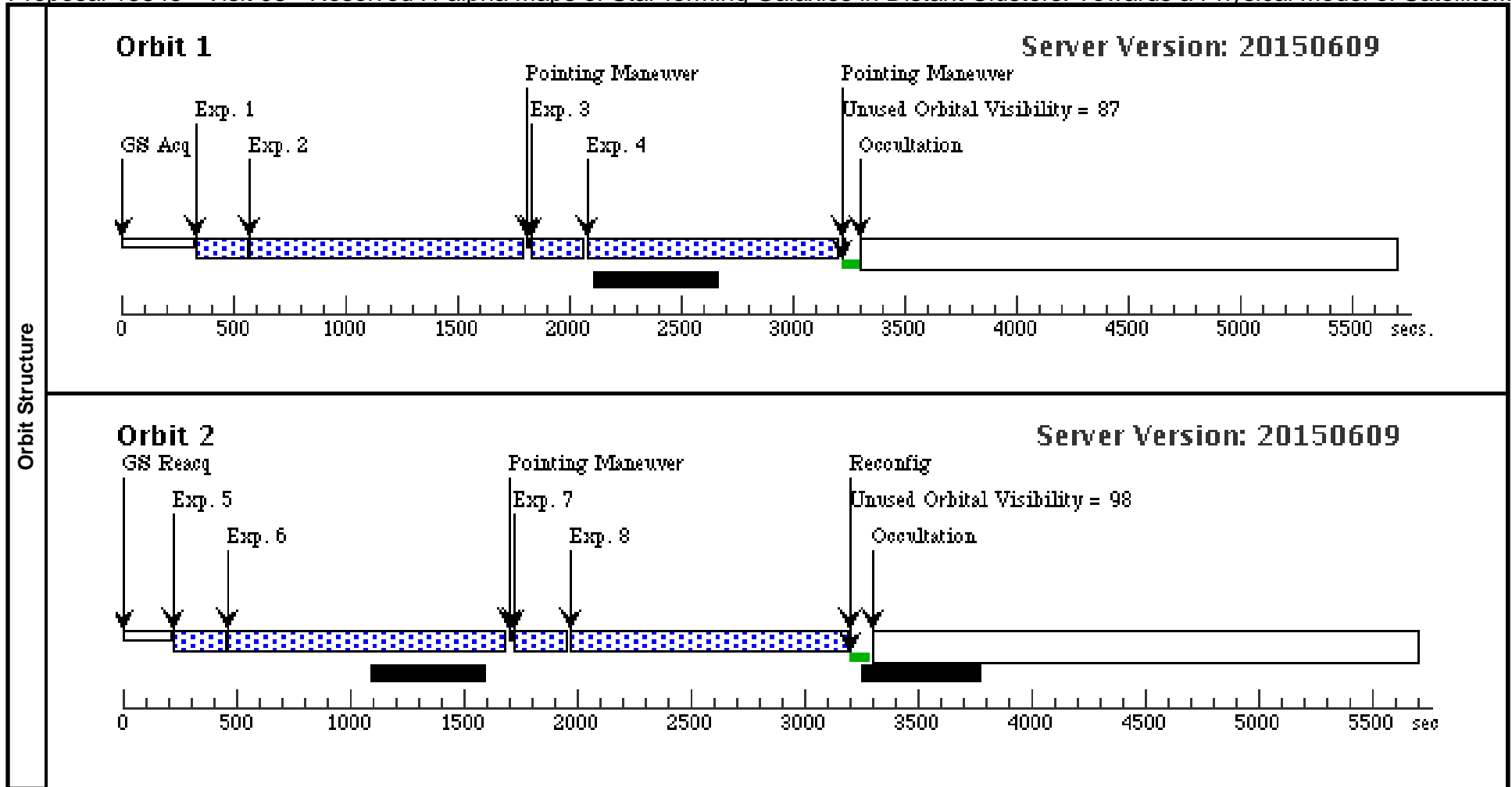
Visit	Proposal 13845, Visit 07, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(7)	SPARCS-1616-EAST	RA: 16 16 48.3700 (244.2015417d) Dec: +55 45 9.18 (55.75255d) Equinox: J2000		V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(7) SPARCS-1616-E AST	(7) SPARCS-1616-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50			252.934546 Secs (252.935 Secs) [==>]	[1]
	2	(7) SPARCS-1616-E AST	(7) SPARCS-1616-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(7) SPARCS-1616-E AST	(7) SPARCS-1616-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0. 424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(7) SPARCS-1616-E AST	(7) SPARCS-1616-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 1.355,0. 424		1202.936167 Secs (1202.936 Secs) [==>]	[1]
	5	(7) SPARCS-1616-E AST	(7) SPARCS-1616-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50	POS TARG 0.881,1. 212		252.934546 Secs (252.935 Secs) [==>]	[2]
	6	(7) SPARCS-1616-E AST	(7) SPARCS-1616-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1. 212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(7) SPARCS-1616-E AST	(7) SPARCS-1616-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0 .788		202.934095 Secs (202.934 Secs) [==>]	[2]
	8	(7) SPARCS-1616-E AST	(7) SPARCS-1616-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG -0.474,0 .788		1302.93649 Secs (1302.936 Secs) [==>]	[2]



Proposal 13845 - Visit 08 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:47 GMT 2015

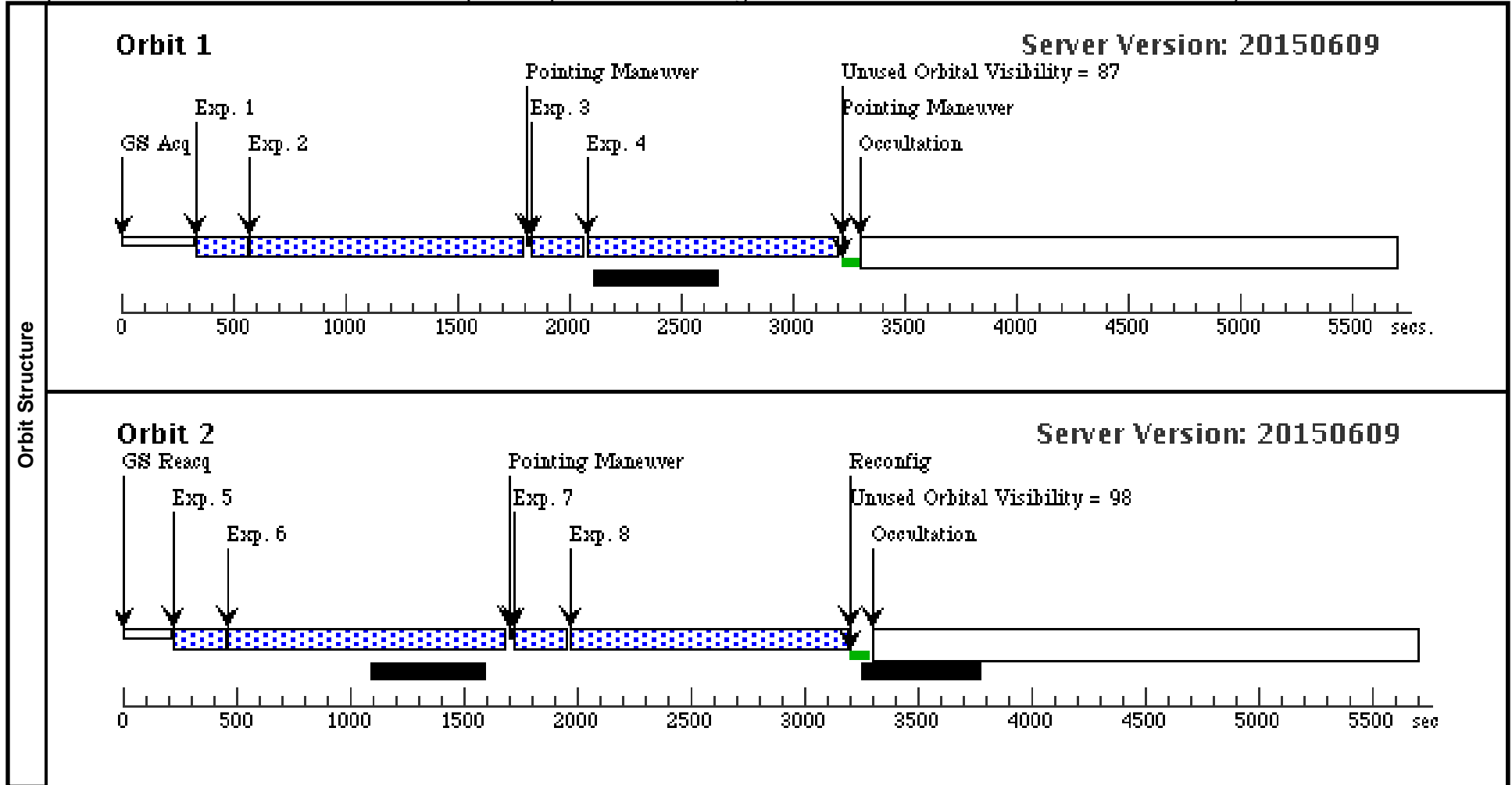
Visit	Proposal 13845, Visit 08, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(8)	SPARCS-1634-NORTH	RA: 16 34 37.2000 (248.6550000d) Dec: +40 23 25.50 (40.39042d) Equinox: J2000		V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(8) SPARCS-1634-NORTH	(8) SPARCS-1634-NORTH	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50			202.934095 Secs (202.934 Secs) [==>]	[1]
	2	(8) SPARCS-1634-NORTH	(8) SPARCS-1634-NORTH	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(8) SPARCS-1634-NORTH	(8) SPARCS-1634-NORTH	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0.424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(8) SPARCS-1634-NORTH	(8) SPARCS-1634-NORTH	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424		1102.935844 Secs (1102.936 Secs) [==>]	[1]
	5	(8) SPARCS-1634-NORTH	(8) SPARCS-1634-NORTH	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG 0.881,1.212		202.934095 Secs (202.934 Secs) [==>]	[2]
	6	(8) SPARCS-1634-NORTH	(8) SPARCS-1634-NORTH	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(8) SPARCS-1634-NORTH	(8) SPARCS-1634-NORTH	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0.788		202.934095 Secs (202.934 Secs) [==>]	[2]
8	(8) SPARCS-1634-NORTH	(8) SPARCS-1634-NORTH	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788		1202.936167 Secs (1202.936 Secs) [==>]	[2]	



Proposal 13845 - Visit 09 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:47 GMT 2015

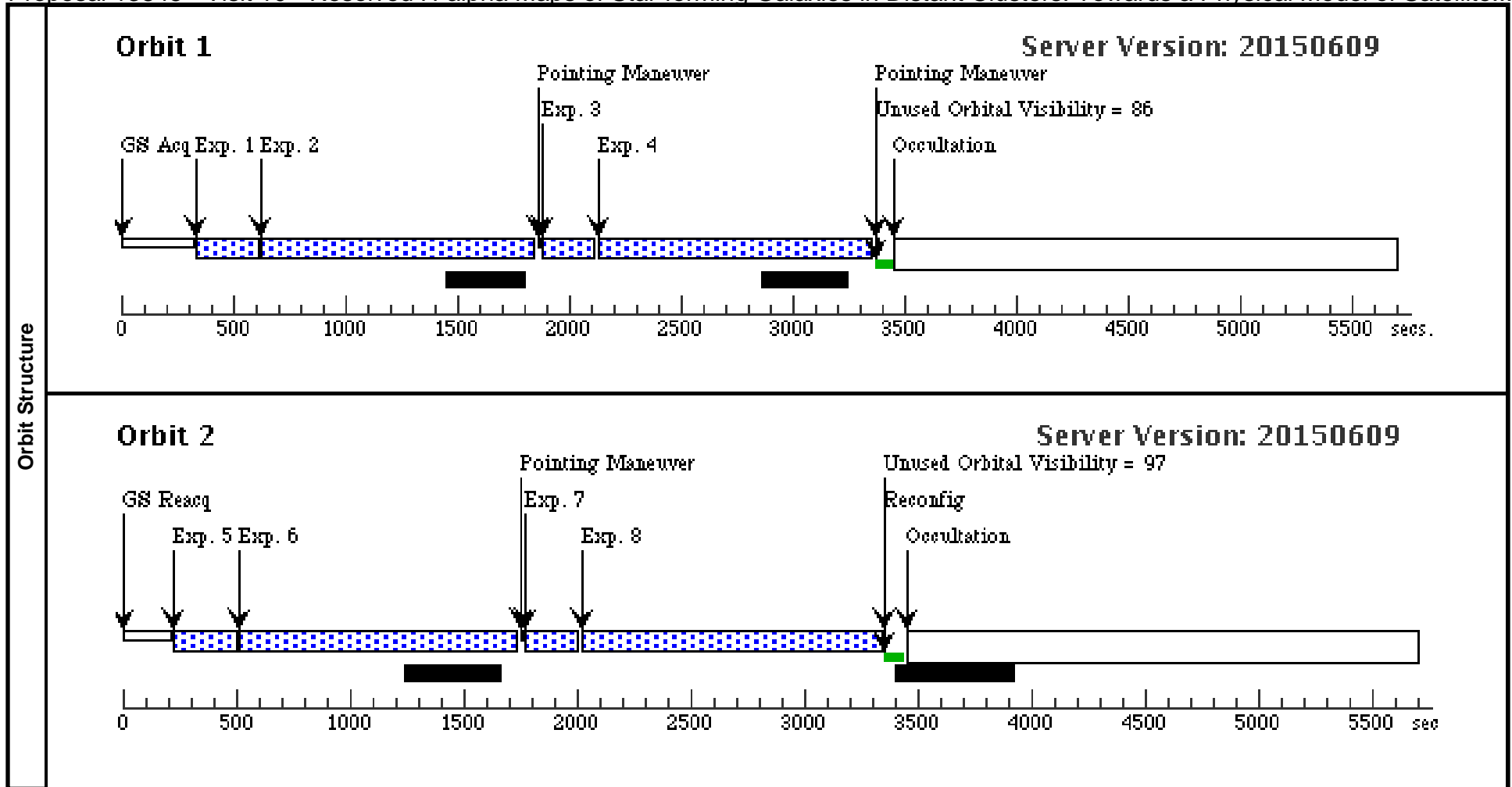
Visit	Proposal 13845, Visit 09, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(9)	SPARCS-1638-EAST	RA: 16 38 56.4600 (249.7352500d) Dec: +40 38 27.58 (40.64099d) Equinox: J2000			V=20.0	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(9) SPARCS-1638-E AST	(9) SPARCS-1638-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50			202.934095 Secs (202.934 Secs) [==>]	[1]
	2	(9) SPARCS-1638-E AST	(9) SPARCS-1638-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(9) SPARCS-1638-E AST	(9) SPARCS-1638-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0. 424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(9) SPARCS-1638-E AST	(9) SPARCS-1638-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0. 424		1102.935844 Secs (1102.936 Secs) [==>]	[1]
	5	(9) SPARCS-1638-E AST	(9) SPARCS-1638-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG 0.881,1. 212		202.934095 Secs (202.934 Secs) [==>]	[2]
	6	(9) SPARCS-1638-E AST	(9) SPARCS-1638-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1. 212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(9) SPARCS-1638-E AST	(9) SPARCS-1638-E AST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0 .788		202.934095 Secs (202.934 Secs) [==>]	[2]
	8	(9) SPARCS-1638-E AST	(9) SPARCS-1638-E AST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.474,0 .788		1202.936167 Secs (1202.936 Secs) [==>]	[2]



Proposal 13845 - Visit 10 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:47 GMT 2015

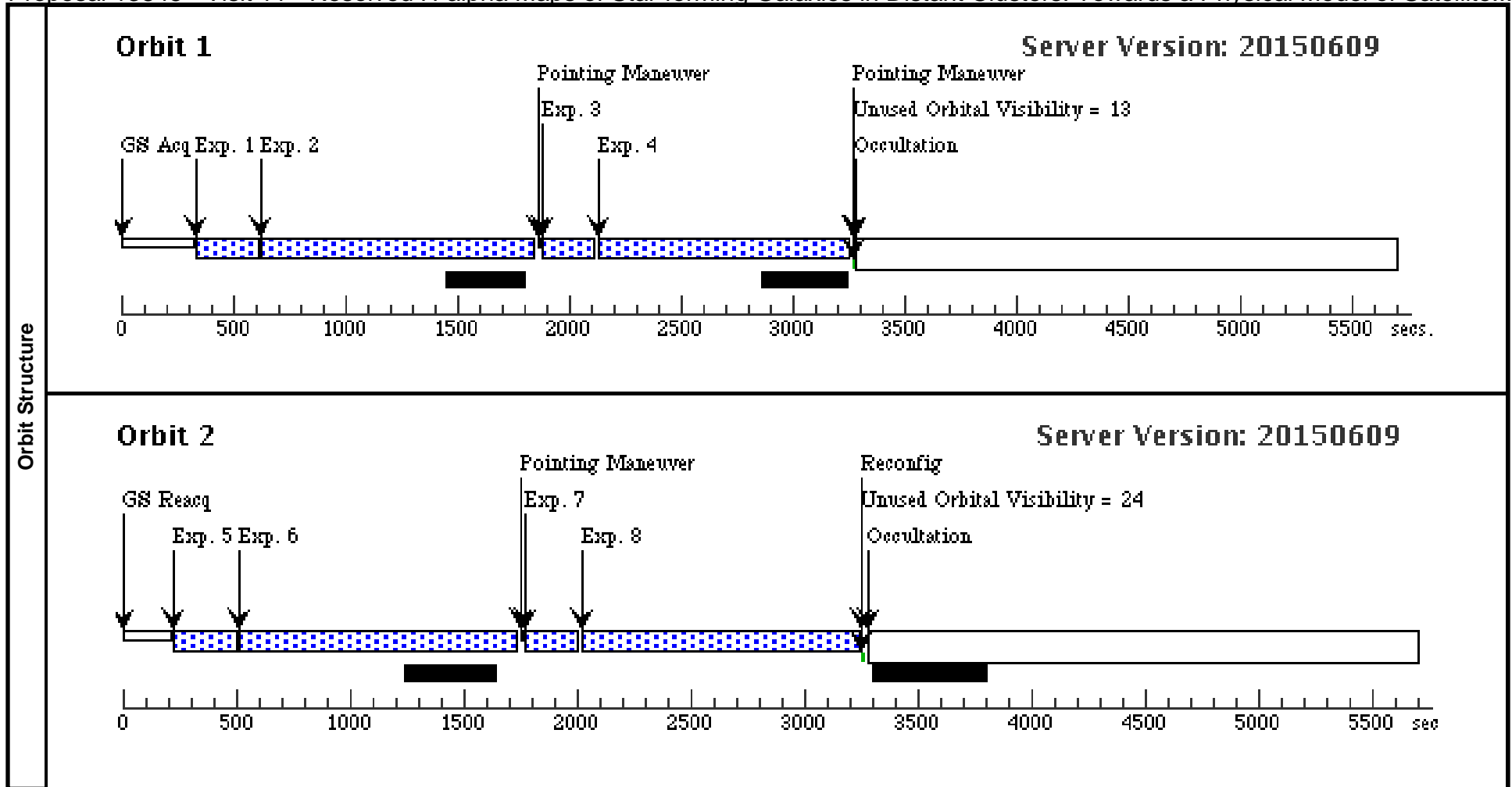
Visit	Proposal 13845, Visit 10, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	SPARCS-1047	RA: 10 47 34.0000 (161.8916667d) Dec: +57 41 26.00 (57.69056d) Equinox: J2000		V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(4) SPARCS-1047	(4) SPARCS-1047	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50			252.934546 Secs (252.935 Secs) [==>]	[1]
	2	(4) SPARCS-1047	(4) SPARCS-1047	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(4) SPARCS-1047	(4) SPARCS-1047	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0.424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(4) SPARCS-1047	(4) SPARCS-1047	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424		1202.936167 Secs (1202.936 Secs) [==>]	[1]
	5	(4) SPARCS-1047	(4) SPARCS-1047	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50	POS TARG 0.881,1.212		252.934546 Secs (252.935 Secs) [==>]	[2]
	6	(4) SPARCS-1047	(4) SPARCS-1047	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(4) SPARCS-1047	(4) SPARCS-1047	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0.788		202.934095 Secs (202.934 Secs) [==>]	[2]
	8	(4) SPARCS-1047	(4) SPARCS-1047	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788		1302.93649 Secs (1302.936 Secs) [==>]	[2]



Proposal 13845 - Visit 11 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:47 GMT 2015

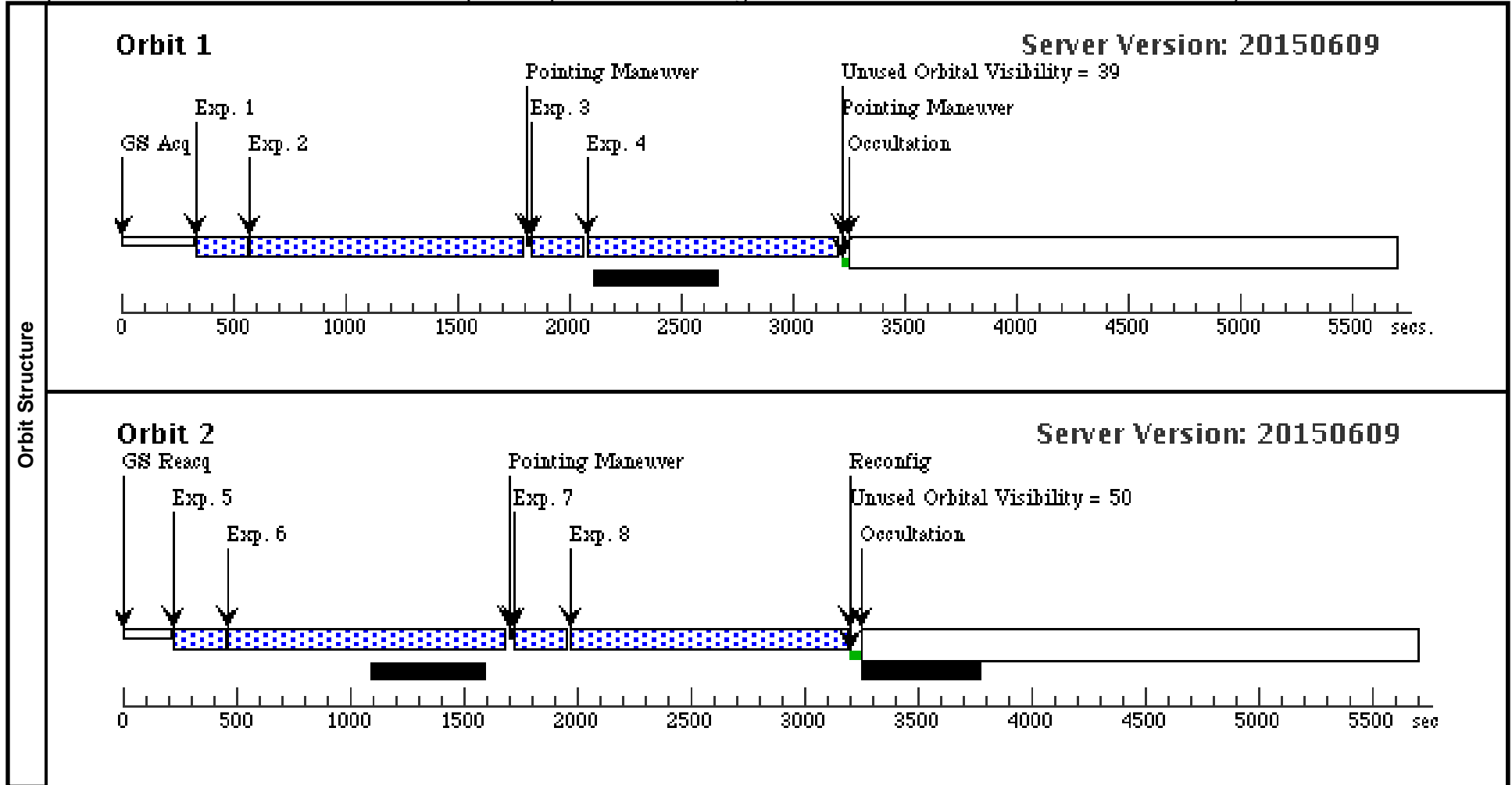
Visit	Proposal 13845, Visit 11, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ORIENT 39.38D TO 39.38 D; AFTER 01 BY 60.0 D TO 365.0 D; ON HOLD FOR 01; VISIBILITY INTERVAL 54.71 M <i>On Hold Comments: On hold so that when orient of visit 01 is determined the co-ordinates of this visit can be altered to make a 1x2 overlapping mosaic with visit 01. Can be scheduled as soon as visit 01 is scheduled and orient is known.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(11)	SPARCS-0034-WEST	RA: 00 34 37.1700 (8.6548750d) Dec: -43 08 19.22 (-43.13867d) Equinox: J2000		V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(11) SPARCS-0034-WEST	(11) SPARCS-0034-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50			252.934546 Secs (252.935 Secs) [==>]	[1]
	2	(11) SPARCS-0034-WEST	(11) SPARCS-0034-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(11) SPARCS-0034-WEST	(11) SPARCS-0034-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0.424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(11) SPARCS-0034-WEST	(11) SPARCS-0034-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424		1102.935844 Secs (1102.936 Secs) [==>]	[1]
	5	(11) SPARCS-0034-WEST	(11) SPARCS-0034-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50	POS TARG 0.881,1.212		252.934546 Secs (252.935 Secs) [==>]	[2]
	6	(11) SPARCS-0034-WEST	(11) SPARCS-0034-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(11) SPARCS-0034-WEST	(11) SPARCS-0034-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0.788		202.934095 Secs (202.934 Secs) [==>]	[2]
8	(11) SPARCS-0034-WEST	(11) SPARCS-0034-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788		1202.936167 Secs (1202.936 Secs) [==>]	[2]	



Proposal 13845 - Visit 12 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:47 GMT 2015

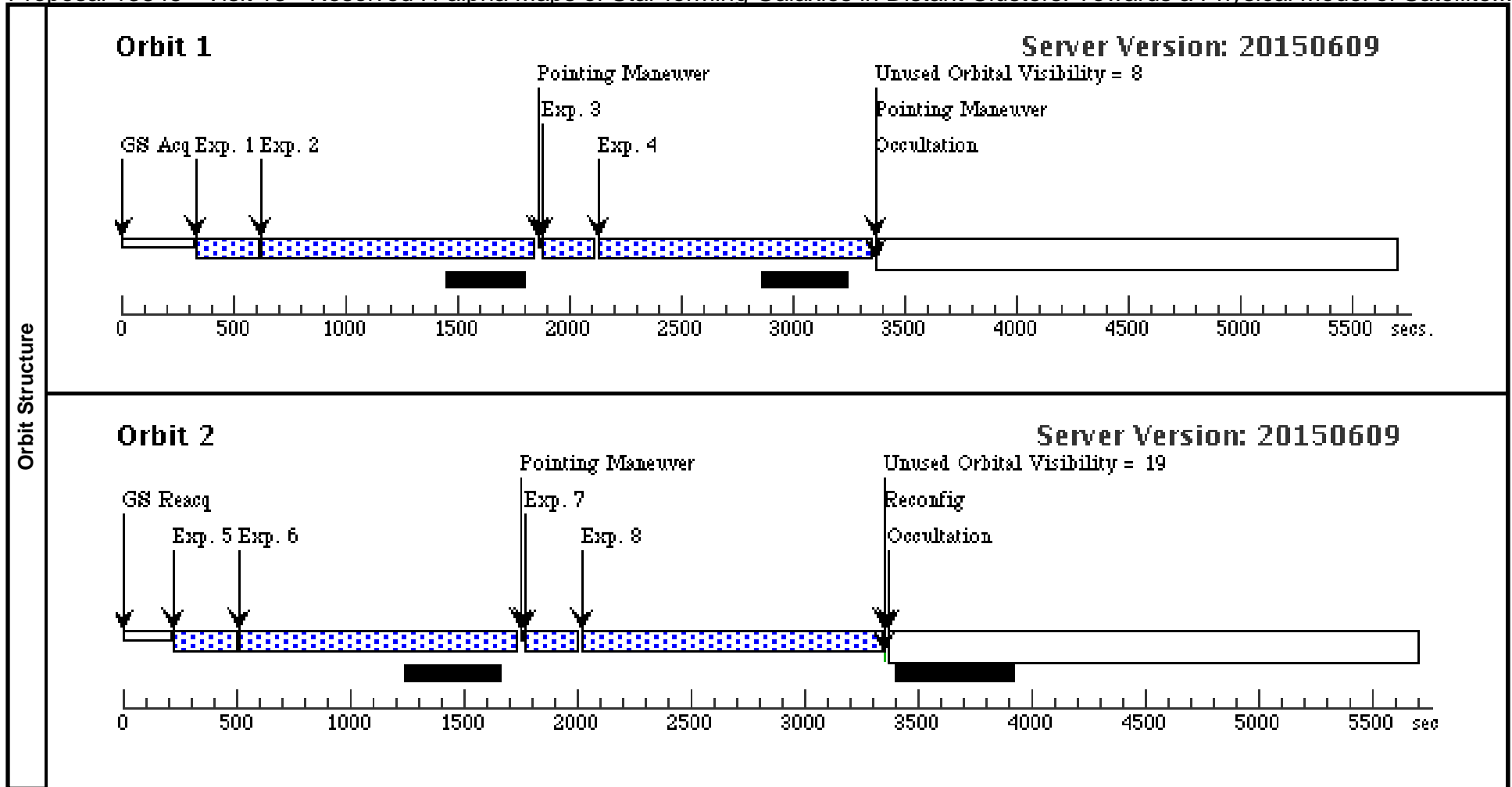
Visit	Proposal 13845, Visit 12, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ORIENT 349.46D TO 349.46 D; AFTER 02 BY 60.0 D TO 365.0 D; ON HOLD FOR 02; VISIBILITY INTERVAL 54.32 M <i>On Hold Comments: On hold so that when orient of visit 02 is determined the co-ordinates of this visit can be altered to make a 1x2 overlapping mosaic with visit 02. Can be scheduled as soon as visit 01 is scheduled and orient is known.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(21)	SPARCS-0036-WEST	RA: 00 36 36.9300 (9.1538750d) Dec: -44 11 8.47 (-44.18569d) Equinox: J2000		V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(21) SPARCS-0036-WEST	(21) SPARCS-0036-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50			202.934095 Secs (202.934 Secs) [==>]	[1]
	2	(21) SPARCS-0036-WEST	(21) SPARCS-0036-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(21) SPARCS-0036-WEST	(21) SPARCS-0036-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0.424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(21) SPARCS-0036-WEST	(21) SPARCS-0036-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424		1102.935844 Secs (1102.936 Secs) [==>]	[1]
	5	(21) SPARCS-0036-WEST	(21) SPARCS-0036-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG 0.881,1.212		202.934095 Secs (202.934 Secs) [==>]	[2]
	6	(21) SPARCS-0036-WEST	(21) SPARCS-0036-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(21) SPARCS-0036-WEST	(21) SPARCS-0036-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0.788		202.934095 Secs (202.934 Secs) [==>]	[2]
8	(21) SPARCS-0036-WEST	(21) SPARCS-0036-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788		1202.936167 Secs (1202.936 Secs) [==>]	[2]	



Proposal 13845 - Visit 13 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:47 GMT 2015

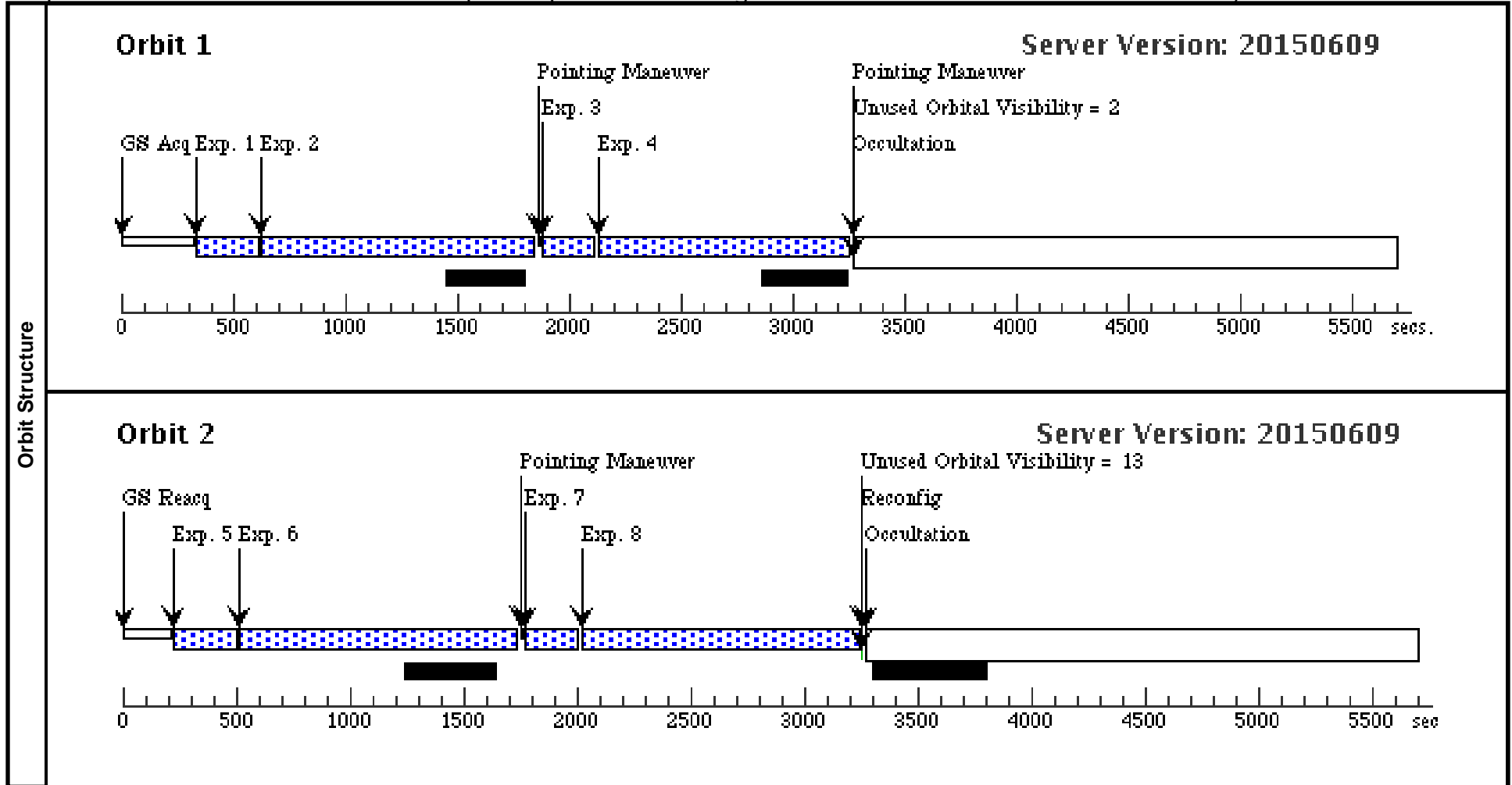
Visit	Proposal 13845, Visit 13, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ORIENT 341.46D TO 341.46 D; AFTER 03 BY 60.0 D TO 365.0 D; ON HOLD FOR 03; VISIBILITY INTERVAL 56.30 M <i>On Hold Comments: On hold so that when orient of visit 03 is determined the co-ordinates of this visit can be altered to make a 1x2 overlapping mosaic with visit 03. Can be scheduled as soon as visit 03 is scheduled and orient is known.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(31)	SPARCS-1613-WEST	RA: 16 13 6.0200 (243.2750833d) Dec: +56 50 6.69 (56.83519d) Equinox: J2000		V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(31) SPARCS-1613-WEST	(31) SPARCS-1613-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50			252.934546 Secs (252.935 Secs) [==>]	[1]
	2	(31) SPARCS-1613-WEST	(31) SPARCS-1613-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(31) SPARCS-1613-WEST	(31) SPARCS-1613-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0.424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(31) SPARCS-1613-WEST	(31) SPARCS-1613-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424		1202.936167 Secs (1202.936 Secs) [==>]	[1]
	5	(31) SPARCS-1613-WEST	(31) SPARCS-1613-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50	POS TARG 0.881,1.212		252.934546 Secs (252.935 Secs) [==>]	[2]
	6	(31) SPARCS-1613-WEST	(31) SPARCS-1613-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(31) SPARCS-1613-WEST	(31) SPARCS-1613-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0.788		202.934095 Secs (202.934 Secs) [==>]	[2]
8	(31) SPARCS-1613-WEST	(31) SPARCS-1613-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788		1302.93649 Secs (1302.936 Secs) [==>]	[2]	



Proposal 13845 - Visit 14 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:47 GMT 2015

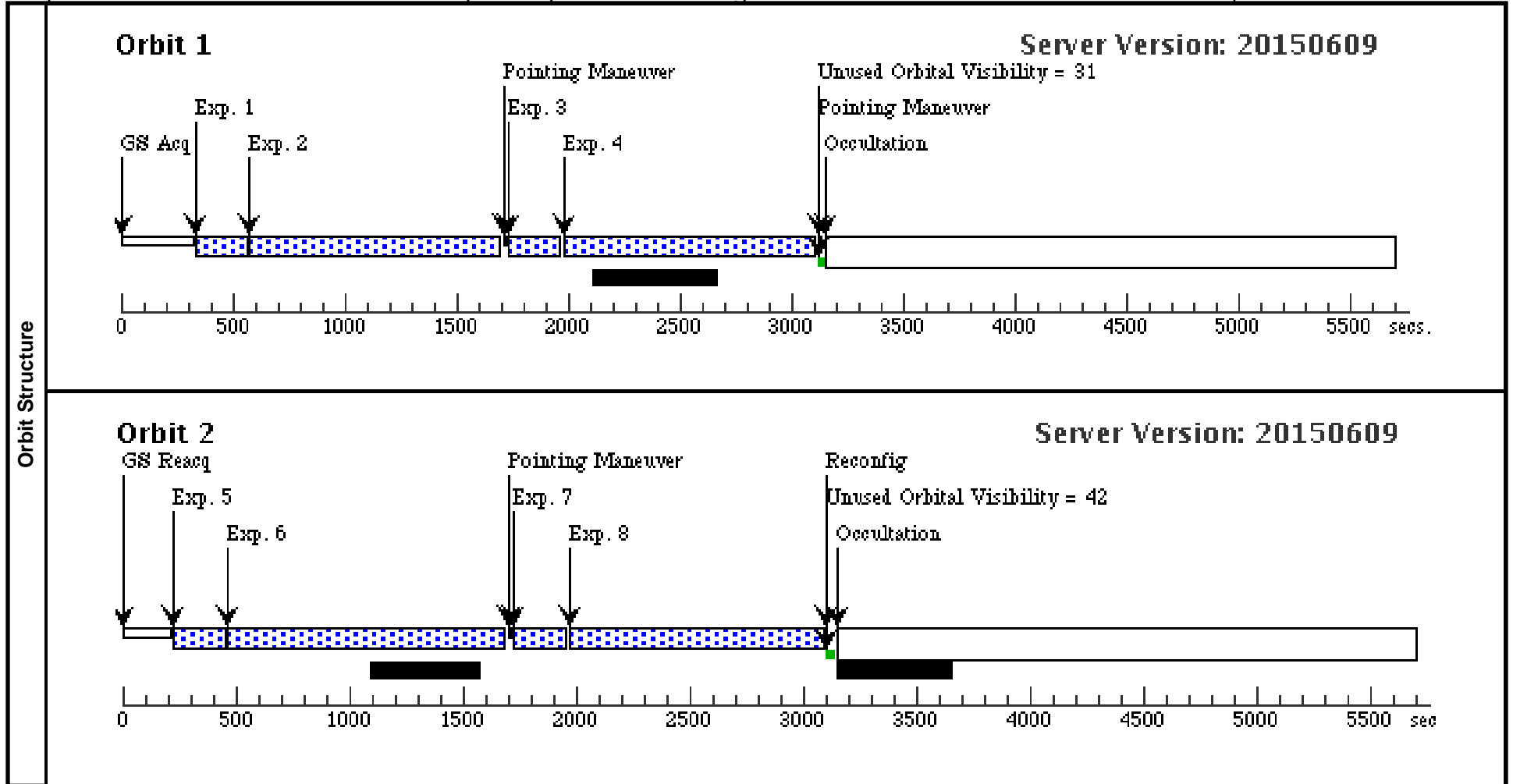
Visit	Proposal 13845, Visit 14, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ORIENT 45.27D TO 45.27 D; AFTER 04 BY 60.0 D TO 365.0 D; ON HOLD FOR 04; VISIBILITY INTERVAL 54.53 M <i>On Hold Comments: On hold so that when orient of visit 04 is determined the co-ordinates of this visit can be altered to make a 1x2 overlapping mosaic with visit 04. Can be scheduled as soon as visit 04 is scheduled and orient is known.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(101)	SPARCS-0035-WEST	RA: 00 35 43.2000 (8.9300000d) Dec: -43 12 21.25 (-43.20590d) Equinox: J2000		V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(101) SPARCS-0035 -WEST	(101) SPARCS-0035 -WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50			252.934546 Secs (252.935 Secs) [==>]	[1]
	2	(101) SPARCS-0035 -WEST	(101) SPARCS-0035 -WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(101) SPARCS-0035 -WEST	(101) SPARCS-0035 -WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0.424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(101) SPARCS-0035 -WEST	(101) SPARCS-0035 -WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424		1102.935844 Secs (1102.936 Secs) [==>]	[1]
	5	(101) SPARCS-0035 -WEST	(101) SPARCS-0035 -WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50	POS TARG 0.881,1.212		252.934546 Secs (252.935 Secs) [==>]	[2]
	6	(101) SPARCS-0035 -WEST	(101) SPARCS-0035 -WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(101) SPARCS-0035 -WEST	(101) SPARCS-0035 -WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0.788		202.934095 Secs (202.934 Secs) [==>]	[2]
	8	(101) SPARCS-0035 -WEST	(101) SPARCS-0035 -WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788		1202.936167 Secs (1202.936 Secs) [==>]	[2]



Proposal 13845 - Visit 15 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:47 GMT 2015

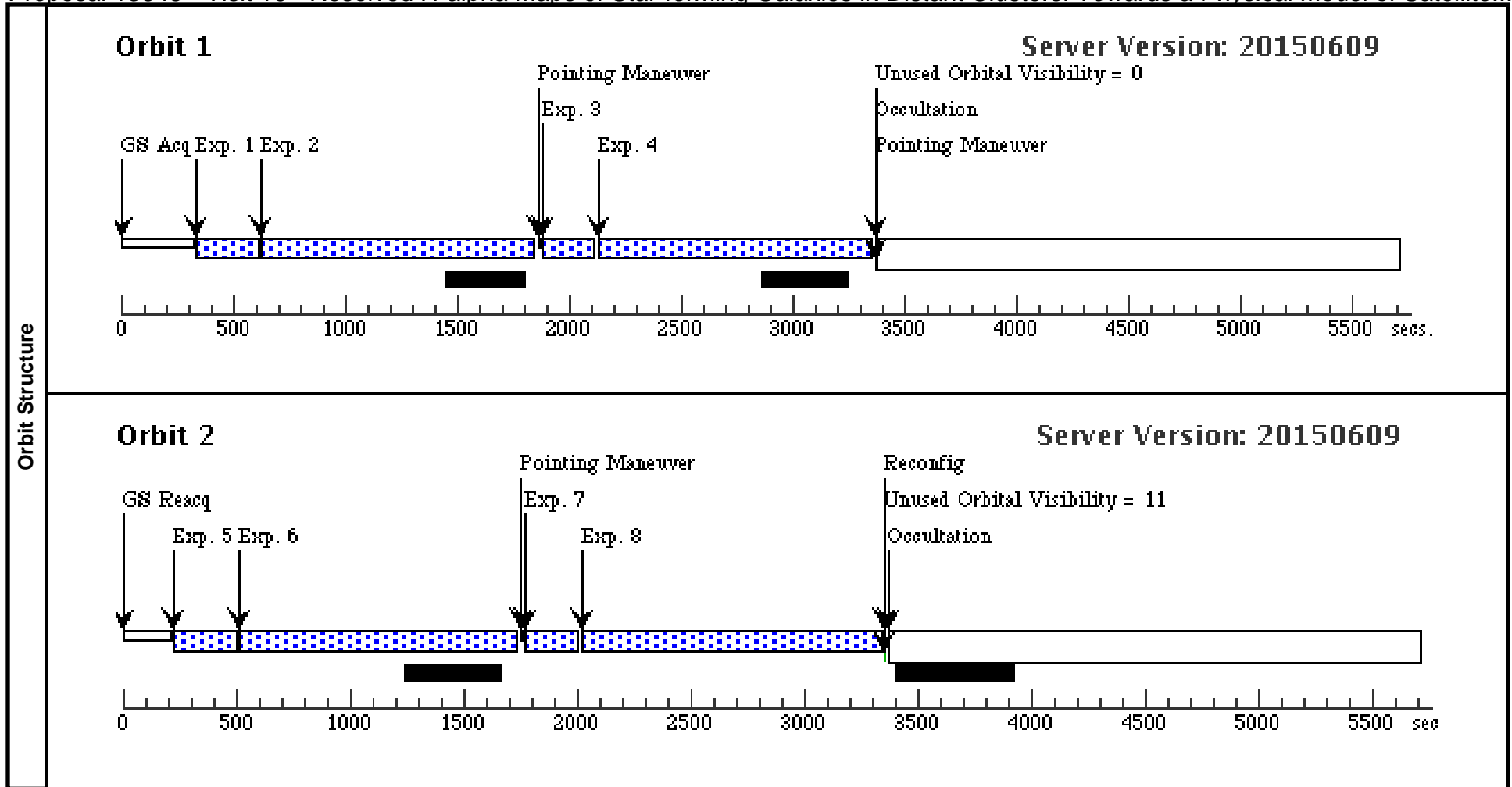
Visit	Proposal 13845, Visit 15, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ORIENT 271.98D TO 271.98 D; AFTER 05 BY 60.0 D TO 365.0 D; ON HOLD FOR 05; VISIBILITY INTERVAL 52.51 M On Hold Comments: On hold so that when orient of visit 05 is determined the co-ordinates of this visit can be altered to make a 1x2 overlapping mosaic with visit 05. Can be scheduled as soon as visit 05 is scheduled and orient is known.									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(51)	SPARCS-0215-WEST	RA: 02 15 19.3400 (33.8305833d) Dec: -03 43 22.19 (-3.72283d) Equinox: J2000		V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(51) SPARCS-0215-WEST	(51) SPARCS-0215-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50			202.934095 Secs (202.934 Secs) [==>]	[1]
	2	(51) SPARCS-0215-WEST	(51) SPARCS-0215-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100			1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(51) SPARCS-0215-WEST	(51) SPARCS-0215-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0.424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(51) SPARCS-0215-WEST	(51) SPARCS-0215-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424		1102.935844 Secs (1102.936 Secs) [==>]	[1]
	5	(51) SPARCS-0215-WEST	(51) SPARCS-0215-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG 0.881,1.212		202.934095 Secs (202.934 Secs) [==>]	[2]
	6	(51) SPARCS-0215-WEST	(51) SPARCS-0215-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(51) SPARCS-0215-WEST	(51) SPARCS-0215-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0.788		202.934095 Secs (202.934 Secs) [==>]	[2]
8	(51) SPARCS-0215-WEST	(51) SPARCS-0215-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788		1102.935844 Secs (1102.936 Secs) [==>]	[2]	



Proposal 13845 - Visit 16 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:48 GMT 2015

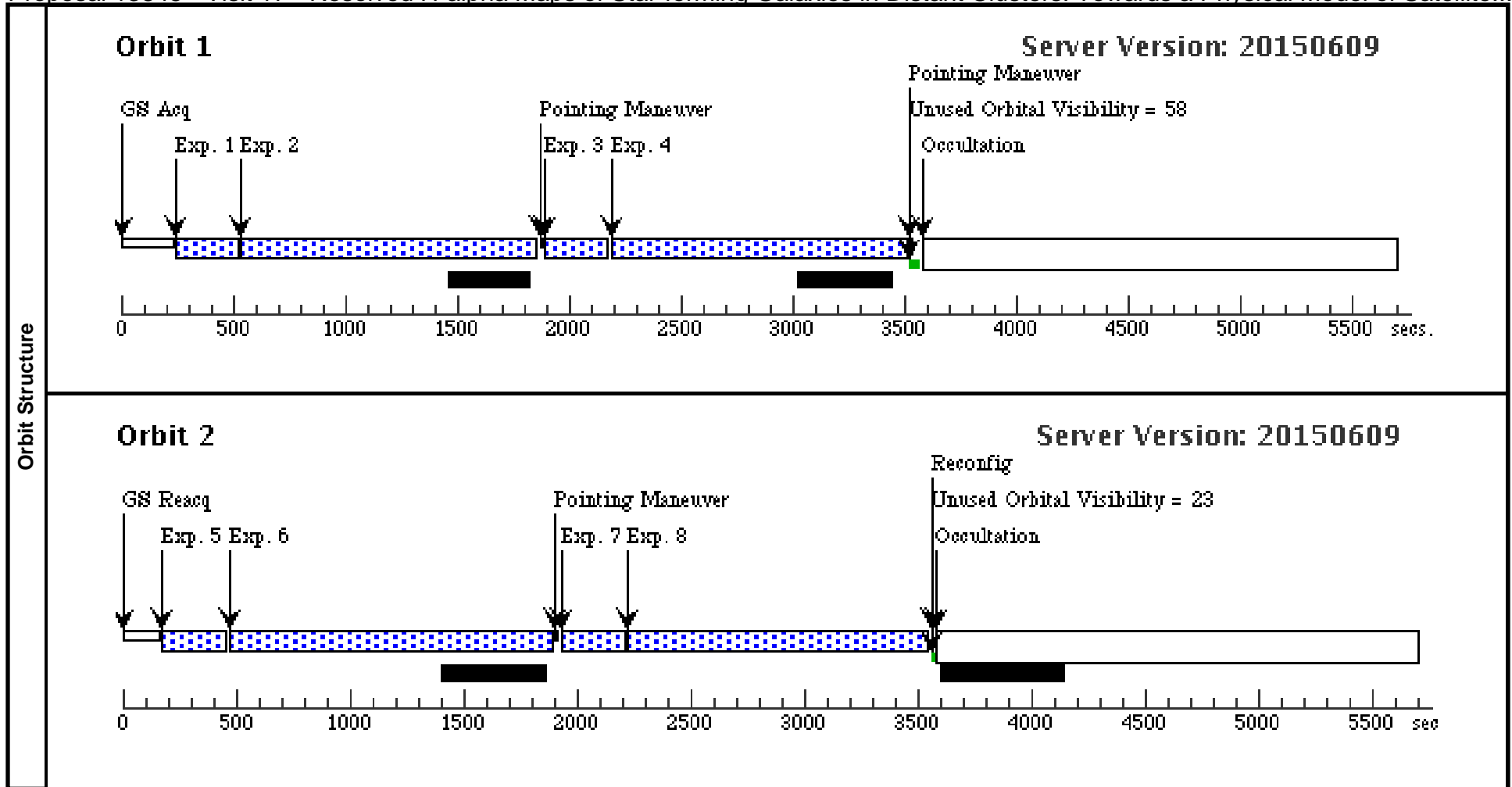
Visit	Proposal 13845, Visit 16, scheduled Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ORIENT 305.15D TO 305.15 D; AFTER 06 BY 60.0 D TO 365.0 D; ON HOLD FOR 06; VISIBILITY INTERVAL 56.17 M On Hold Comments: On hold so that when orient of visit 06 is determined the co-ordinates of this visit can be altered to make a 1x2 overlapping mosaic with visit 06. Can be scheduled as soon as visit 06 is scheduled and orient is known.									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(61)	SPARCS-1051-WEST	RA: 10 50 57.0300 (162.7376250d) Dec: +58 17 50.13 (58.29726d) Equinox: J2000		V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(61) SPARCS-1051-WEST	(61) SPARCS-1051-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50			252.934546 Secs (252.935 Secs) [==>]	[1]
	2	(61) SPARCS-1051-WEST	(61) SPARCS-1051-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(61) SPARCS-1051-WEST	(61) SPARCS-1051-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0.424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(61) SPARCS-1051-WEST	(61) SPARCS-1051-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424		1202.936167 Secs (1202.936 Secs) [==>]	[1]
	5	(61) SPARCS-1051-WEST	(61) SPARCS-1051-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50	POS TARG 0.881,1.212		252.934546 Secs (252.935 Secs) [==>]	[2]
	6	(61) SPARCS-1051-WEST	(61) SPARCS-1051-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(61) SPARCS-1051-WEST	(61) SPARCS-1051-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0.788		202.934095 Secs (202.934 Secs) [==>]	[2]
8	(61) SPARCS-1051-WEST	(61) SPARCS-1051-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788		1302.93649 Secs (1302.936 Secs) [==>]	[2]	



Proposal 13845 - Visit 17 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:48 GMT 2015

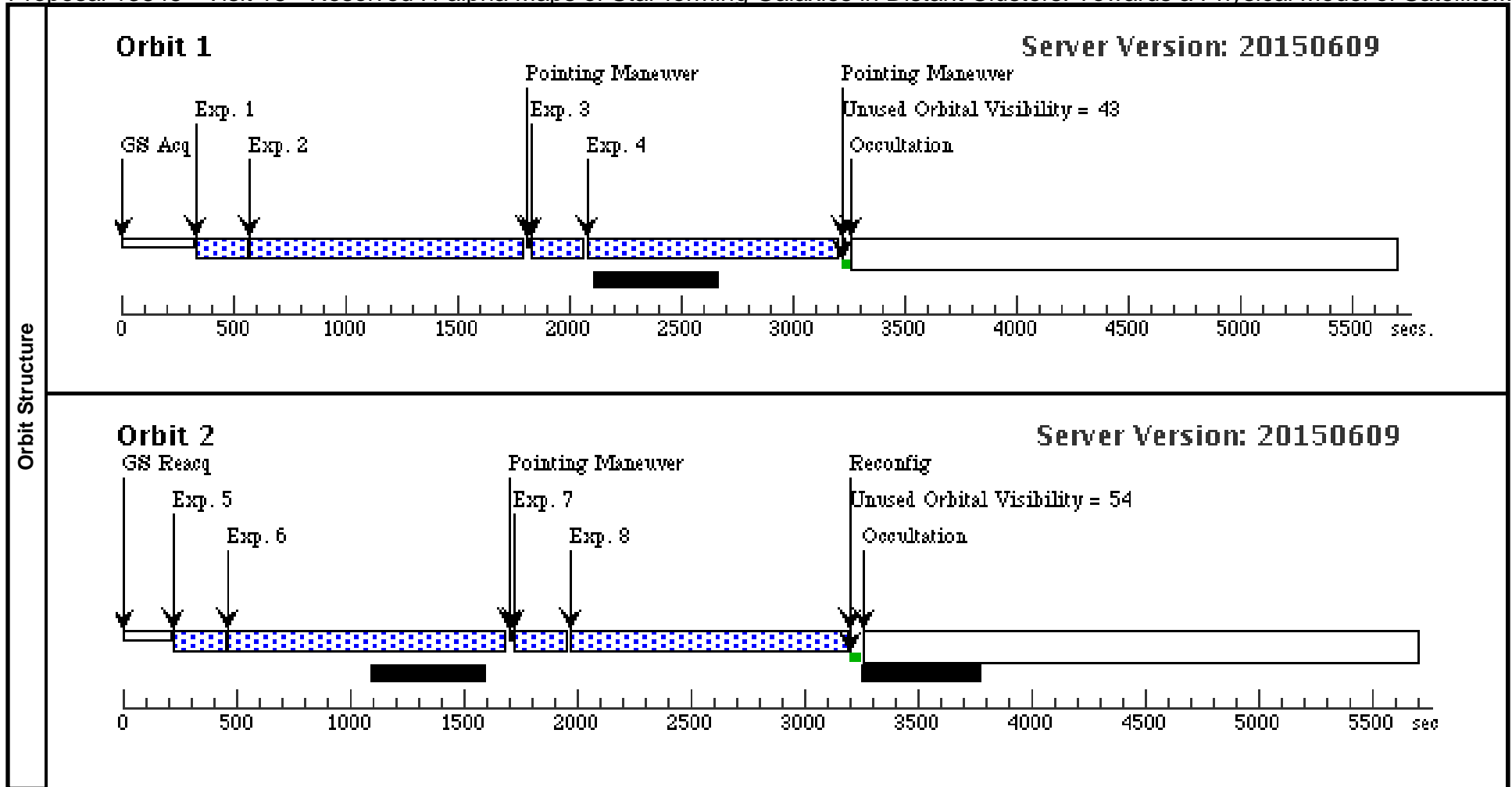
Visit	Proposal 13845, Visit 17, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ORIENT 35.72D TO 35.72 D; AFTER 07 BY 60.0 D TO 400.0 D; ON HOLD FOR 07; VISIBILITY INTERVAL 59.76 M <i>On Hold Comments: On hold so that when orient of visit 07 is determined the co-ordinates of this visit can be altered to make a 1x2 overlapping mosaic with visit 07. Can be scheduled as soon as visit 07 is scheduled and orient is known.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(71)	SPARCS-1616-WEST	RA: 16 16 35.4800 (244.1478333d) Dec: +55 45 49.45 (55.76374d) Equinox: J2000		V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(71) SPARCS-1616-WEST	(71) SPARCS-1616-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50	GS ACQ SCENARI O ONEB1B3		252.934546 Secs (252.935 Secs) [==>]	[1]
	2	(71) SPARCS-1616-WEST	(71) SPARCS-1616-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100			1302.93649 Secs (1302.936 Secs) [==>]	[1]
	3	(71) SPARCS-1616-WEST	(71) SPARCS-1616-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=6	POS TARG 1.355,0. 424		252.934546 Secs (252.935 Secs) [==>]	[1]
	4	(71) SPARCS-1616-WEST	(71) SPARCS-1616-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG 1.355,0. 424		1302.93649 Secs (1302.936 Secs) [==>]	[1]
	5	(71) SPARCS-1616-WEST	(71) SPARCS-1616-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50	POS TARG 0.881,1. 212		252.934546 Secs (252.935 Secs) [==>]	[2]
	6	(71) SPARCS-1616-WEST	(71) SPARCS-1616-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.881,1. 212		1402.936813 Secs (1402.937 Secs) [==>]	[2]
	7	(71) SPARCS-1616-WEST	(71) SPARCS-1616-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=6; SAMP-SEQ=SPAR S50	POS TARG -0.474,0. .788		252.934546 Secs (252.935 Secs) [==>]	[2]
8	(71) SPARCS-1616-WEST	(71) SPARCS-1616-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S100	POS TARG -0.474,0. .788		1302.93649 Secs (1302.936 Secs) [==>]	[2]	



Proposal 13845 - Visit 18 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:48 GMT 2015

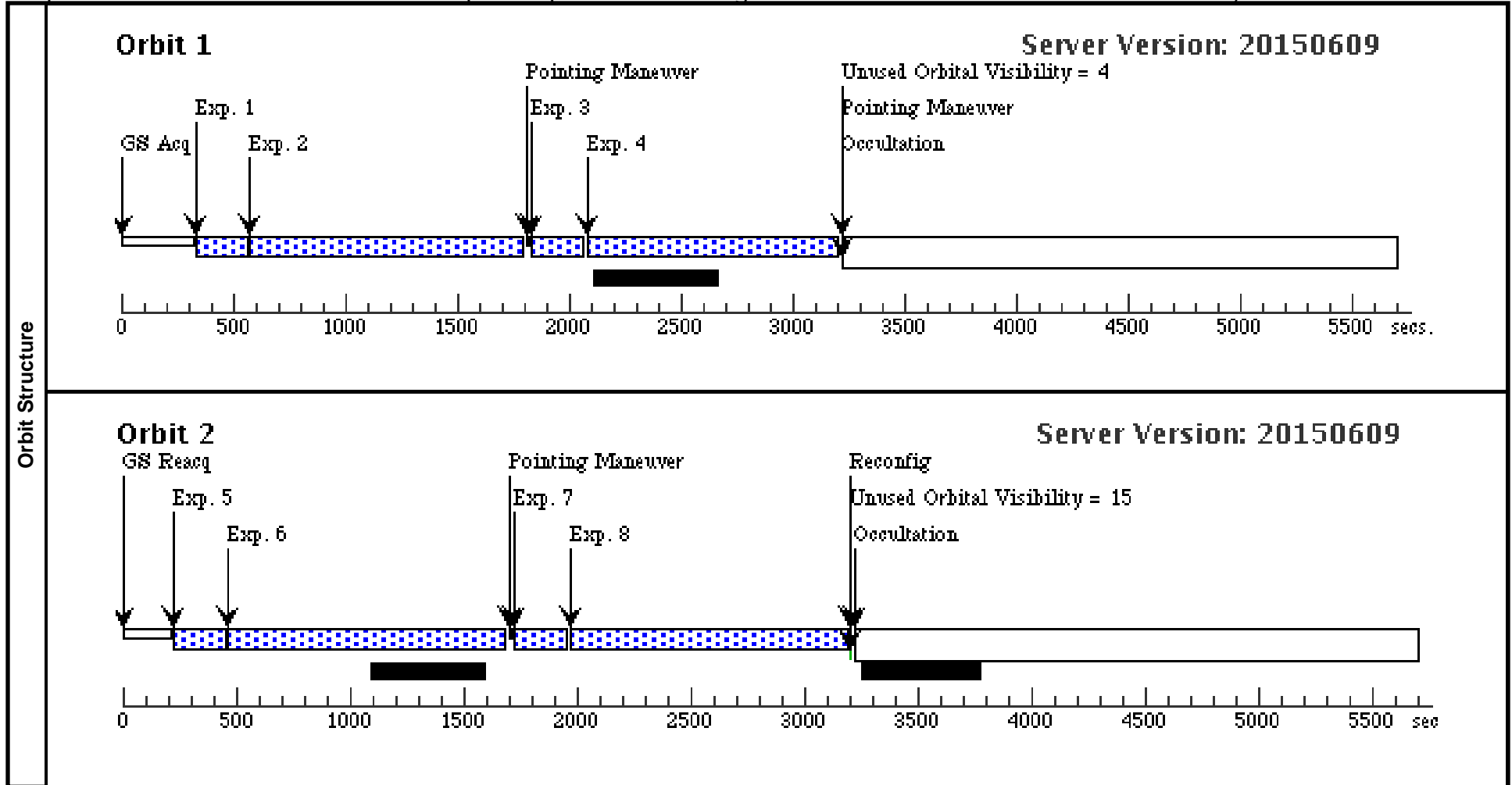
Visit	Proposal 13845, Visit 18, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ORIENT 61.0D TO 61.0 D; AFTER 08 BY 60.0 D TO 365.0 D; ON HOLD FOR 08; VISIBILITY INTERVAL 54.38 M <i>On Hold Comments: On hold so that when orient of visit 08 is determined the co-ordinates of this visit can be altered to make a 1x2 overlapping mosaic with visit 08. Can be scheduled as soon as visit 08 is scheduled and orient is known.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(81)	SPARCS-1634-SOUTH	RA: 16 34 37.0400 (248.6543333d) Dec: +40 21 19.23 (40.35534d) Equinox: J2000		V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(81) SPARCS-1634-SOUTH	(81) SPARCS-1634-SOUTH	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50			202.934095 Secs (202.934 Secs) [==>]	[1]
	2	(81) SPARCS-1634-SOUTH	(81) SPARCS-1634-SOUTH	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100			1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(81) SPARCS-1634-SOUTH	(81) SPARCS-1634-SOUTH	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0.424		202.934095 Secs (202.934 Secs) [==>]	[1]
	4	(81) SPARCS-1634-SOUTH	(81) SPARCS-1634-SOUTH	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424		1102.935844 Secs (1102.936 Secs) [==>]	[1]
	5	(81) SPARCS-1634-SOUTH	(81) SPARCS-1634-SOUTH	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG 0.881,1.212		202.934095 Secs (202.934 Secs) [==>]	[2]
	6	(81) SPARCS-1634-SOUTH	(81) SPARCS-1634-SOUTH	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212		1202.936167 Secs (1202.936 Secs) [==>]	[2]
	7	(81) SPARCS-1634-SOUTH	(81) SPARCS-1634-SOUTH	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0.788		202.934095 Secs (202.934 Secs) [==>]	[2]
8	(81) SPARCS-1634-SOUTH	(81) SPARCS-1634-SOUTH	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788		1202.936167 Secs (1202.936 Secs) [==>]	[2]	



Proposal 13845 - Visit 19 - Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite...

Thu Nov 05 02:17:48 GMT 2015

Visit	Proposal 13845, Visit 19, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ORIENT 351.45D TO 351.45 D: VISIBILITY INTERVAL 53.73 M										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(91)	SPARCS-1638-WEST	RA: 16 38 45.9500 (249.6914583d) Dec: +40 39 19.33 (40.65537d) Equinox: J2000			V=20.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(91) SPARCS-1638-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50				202.934095 Secs (202.934 Secs) [==>]	[1]	
	2	(91) SPARCS-1638-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100				1202.936167 Secs (1202.936 Secs) [==>]	[1]	
	3	(91) SPARCS-1638-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	SAMP-SEQ=SPARS 50; NSAMP=5	POS TARG 1.355,0.424			202.934095 Secs (202.934 Secs) [==>]	[1]	
	4	(91) SPARCS-1638-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424			1102.935844 Secs (1102.936 Secs) [==>]	[1]	
	5	(91) SPARCS-1638-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG 0.881,1.212			202.934095 Secs (202.934 Secs) [==>]	[2]	
	6	(91) SPARCS-1638-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212			1202.936167 Secs (1202.936 Secs) [==>]	[2]	
	7	(91) SPARCS-1638-WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0.788			202.934095 Secs (202.934 Secs) [==>]	[2]	
8	(91) SPARCS-1638-WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788			1202.936167 Secs (1202.936 Secs) [==>]	[2]		



Visit	Proposal 13845, Visit 20				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/IR				
	Special Requirements: ORIENT 45.27D TO 45.27 D; AFTER 04 BY 60.0 D TO 365.0 D; VISIBILITY INTERVAL 54.53 M				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(101)	SPARCS-0035-WEST	RA: 00 35 43.2000 (8.9300000d) Dec: -43 12 21.25 (-43.20590d) Equinox: J2000		V=20.0	Reference Frame: ICRS

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(101) SPARCS-0035 -WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG 0.881,1.212		202.934095 Secs (202.934 Secs) [==>]	[1]
	2		(101) SPARCS-0035 -WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212		1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3		(101) SPARCS-0035 -WEST	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=5; SAMP-SEQ=SPAR S50	POS TARG -0.474,0.788		202.934095 Secs (202.934 Secs) [==>]	[1]
	4		(101) SPARCS-0035 -WEST	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788		1102.935844 Secs (1102.936 Secs) [==>]	[1]

