



# 10787 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Cycle: 15, Proposal Category: GO

(Availability Mode: SUPPORTED)

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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>
02	(14) HCG090-TARG2	ACS/WFC	2	16-Aug-2007 21:01:37.0	yes
01	(1) HCG090-TARG1	ACS/WFC	2	16-Aug-2007 21:01:44.0	yes
03	(13) HCG090-TARG3	ACS/WFC	2	16-Aug-2007 21:01:53.0	yes
04	(2) HCG022-TARG1	ACS/WFC	2	16-Aug-2007 21:01:59.0	yes
05	(15) HCG022-TARG2	ACS/WFC	2	16-Aug-2007 21:02:04.0	yes
06	(3) HCG048-TARG1	ACS/WFC	2	16-Aug-2007 21:02:10.0	yes
07	(16) HCG048-TARG2	ACS/WFC	2	16-Aug-2007 21:02:17.0	yes
08	(4) HCG061-TARG1	ACS/WFC	2	16-Aug-2007 21:02:23.0	yes
09	(17) HCG061-TARG2	ACS/WFC	2	16-Aug-2007 21:02:28.0	yes
10	(5) HCG016-TARG1	ACS/WFC	2	16-Aug-2007 21:02:33.0	yes
11	(18) HCG016-TARG2	ACS/WFC	2	16-Aug-2007 21:02:40.0	yes
12	(19) HCG016-TARG3	ACS/WFC	2	16-Aug-2007 21:02:45.0	yes
13	(6) HCG042-TARG1	ACS/WFC	2	16-Aug-2007 21:02:51.0	yes
14	(20) HCG042-TARG2	ACS/WFC	2	16-Aug-2007 21:02:58.0	yes
64	(32) HCG042-TARG2-COPY	ACS/WFC	2	16-Aug-2007 21:03:03.0	yes
15	(7) HCG059-TARG1	ACS/WFC	2	16-Aug-2007 21:03:08.0	yes
16	(21) HCG059-TARG2	ACS/WFC	2	16-Aug-2007 21:03:13.0	yes

Proposal 10787 (STScI Edit Number: 10, Created: Thursday, August 16, 2007 8:05:21 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>
17	(8) HCG062-TARG1	ACS/WFC	2	16-Aug-2007 21:03:20.0	yes
18	(22) HCG062-TARG2	ACS/WFC	2	16-Aug-2007 21:03:25.0	yes
19	(9) HCG031	ACS/WFC	2	16-Aug-2007 21:03:30.0	yes
20	(10) HCG007-TARG1	ACS/WFC	2	16-Aug-2007 21:03:35.0	yes
21	(23) HCG007-TARG2	ACS/WFC	2	16-Aug-2007 21:03:42.0	yes
22	(11) HCG019-TARG1	ACS/WFC	2	16-Aug-2007 21:03:47.0	yes
23	(24) HCG019-TARG2	ACS/WFC	2	16-Aug-2007 21:03:51.0	yes
24	(12) HCG002-TARG1	ACS/WFC	2	16-Aug-2007 21:03:56.0	yes
25	(25) HCG002-TARG2	ACS/WFC	2	16-Aug-2007 21:04:03.0	yes
26	(26) HCG002-TARG3	WFPC2	1	16-Aug-2007 21:04:06.0	yes
27	(27) HCG007-TARG3	ACS/WFC	1	16-Aug-2007 21:04:07.0	yes
32	(27) HCG007-TARG3	WFPC2	1	16-Aug-2007 21:04:08.0	yes
28	(28) HCG022-TARG3	ACS/WFC WFPC2	2	16-Aug-2007 21:04:11.0	yes
68	(28) HCG022-TARG3	WFPC2	1	16-Aug-2007 21:04:13.0	yes
29	(29) HCG090-TARG4	WFPC2	1	16-Aug-2007 21:04:14.0	yes
69	(29) HCG090-TARG4	WFPC2	1	16-Aug-2007 21:04:15.0	yes
31	(31) HCG019-TARG4	WFPC2	1	16-Aug-2007 21:04:17.0	yes
30	(30) HCG019-TARG3	ACS/WFC	1	16-Aug-2007 21:04:18.0	yes
33	(33) HCG042-TARG3	WFPC2	2	16-Aug-2007 21:04:20.0	yes
34	(33) HCG042-TARG3	WFPC2	2	16-Aug-2007 21:04:22.0	yes
35	(33) HCG042-TARG3	WFPC2	2	16-Aug-2007 21:04:25.0	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>
36	(34) HCG042-TARG4	WFPC2	2	16-Aug-2007 21:04:27.0	yes
37	(34) HCG042-TARG4	WFPC2	2	16-Aug-2007 21:04:29.0	yes
38	(34) HCG042-TARG4	WFPC2	2	16-Aug-2007 21:04:31.0	yes
39	(35) HCG016-TARG4	WFPC2	3	16-Aug-2007 21:04:35.0	yes
89	(35) HCG016-TARG4	WFPC2	1	16-Aug-2007 21:04:37.0	yes
40	(36) HCG016-TARG5	WFPC2	3	16-Aug-2007 21:04:41.0	yes
41	(37) HCG016-TARG6	WFPC2	3	16-Aug-2007 21:04:45.0	yes
42	(38) HCG016-TARG7	WFPC2	3	16-Aug-2007 21:04:49.0	yes
43	(39) HCG016-TARG8	WFPC2	3	16-Aug-2007 21:04:53.0	yes
44	(40) HCG016-TARG9	WFPC2	3	16-Aug-2007 21:05:00.0	yes
45	(41) HCG022-TARG4	WFPC2	3	16-Aug-2007 21:05:04.0	yes
46	(42) HCG022-TARG5	WFPC2	3	16-Aug-2007 21:05:08.0	yes
47	(43) HCG022-TARG6	WFPC2	3	16-Aug-2007 21:05:13.0	yes
48	(44) HCG022-TARG7	WFPC2	3	16-Aug-2007 21:05:17.0	yes

105 Total Orbits Used

## **ABSTRACT**

Nearby compact galaxy groups are uniquely suited to exploring the mechanisms of star formation amid repeated and ongoing gravitational encounters, conditions similar to those of the high redshift universe. These dense groups host a variety of modes of star formation, and they enable fresh insights into the role of gas in galaxy evolution. With Spitzer mid-IR observations in hand, we have begun to obtain high quality, multi-wavelength data for a well-defined sample of 12 nearby (<4500km/s) compact groups covering the full range of evolutionary stages. Here we propose to obtain sensitive BVI images with the ACS/WFC, deep enough to reach the turnover of the globular cluster luminosity function, and

WFPC2 U-band and ACS H-alpha images of Spitzer-identified regions hosting the most recent star formation. In total, we expect to detect over 1000 young star clusters forming inside and outside galaxies, more than 4000 old globular clusters in >40 giant galaxies (including 16 early-type galaxies), over 20 tidal features, approximately 15 AGNs, and intragroup gas in most of the 12 groups. Combining the proposed ACS images with Chandra observations, UV GALEX observations, ground-based H-alpha imaging, and HI data, we will conduct a detailed study of stellar nurseries, dust, gas kinematics, and AGN.

### **OBSERVING DESCRIPTION**

**Sample Selection:** Target compact groups for this multi-wavelength program were selected on the basis of distance, angular extent, and membership (at least three accordant members). All HCGs were considered, and the sample includes all of the nearest ones with only a few exceptions (3 nearby groups are too extended to cover in  $\leq 3$  ACS pointings). The 12 compact groups chosen sample well the spread of evolutionary states and morphological diversity of the population as a whole. More specifically, the types of our proposed groups, as defined by Hickson (1982), include E1, E2, E3, S2, and S3, where E and S denote dominant elliptical and spiral members, and the number is an index measuring how much brighter the main member is relative to the next brightest member. The total masses of the groups in our sample vary by a factor of 250, and their M/L ratios vary by a factor of 500. Their 3-D velocity dispersions range from 18 to 500 km/s, with crossing times that vary by a factor of over 30. Even within the different group types, a wide range of properties is seen: two E1 groups differ by a factor of over 500 in M/L and 20 in velocity dispersion, while two S2 groups differ by a factor of 10 in M/L with the same velocity dispersion. The diversity inherent in this environment demonstrates that 3-4 groups at each evolutionary stage (of which there are at least three) are needed in the sample to fully explore the parameter space. The morphologies of the individual galaxies in the groups include tidal arms and tails, polar rings, ellipticals with boxy isophotes and central disks, and disturbed features, and so a wide range of structures resulting from both major and minor mergers is included in the proposed sample.

**ACS/BVI Images:** Our requested exposure times for ACS/WFC imaging are set by the requirement of detecting point sources with  $B=27$ ,  $V=27$ , and  $I=26$ . For the most distant groups in our sample, these magnitude limits correspond to  $M_B \sim -7$ ,  $M_V \sim -7$ , and  $M_I \sim -8$  in the V and I filters, we will reach just past the peak in the globular cluster luminosity function. Though YSCs and globular clusters will typically be only marginally resolved at these distances (1 ACS pixel corresponds to 9-16 pc for this sample), their luminosities will distinguish them from stars. Control fields are readily available in the archive, which can be used for statistical subtraction of unresolved background galaxies.

Our exposure time estimates, using the ETC, adopt the minimum visibility for a given target (54 minutes), and assume average Earthshine and high zodiacal light background. With these assumptions, we can reach  $B=27$  ( $S/N=6$ ) with three 570s exposures. Similarly, we require 3 images in each of

F606W (V, at ~400s each) and F814W (I, at ~350s each). These observations would reach  $V=27$  and  $I=26$  at  $S/N=7$ . All images in each series will be sub-pixel dithered to improve the spatial resolution, and to facilitate the removal of hot pixels and cosmic rays.

Each compact group will require between one and three pointings of the WFC in order to cover all the galaxies and their nearby environments. For 25 pointings over the 12 groups (with each pointing requiring 2 orbits), we request a total of 50 orbits.

**WFPC2/U-band Imaging:** Regions bright in the 8 micron band of Spitzer/IRAC indicate PAH and/or hot dust emission characteristic of star formation. Five of these regions, containing 9 galaxies, listed in Table 1 and shown in Figure 2, have been selected for U-band imaging with WFPC2. The 150" x 150" field of view will provide sufficient coverage of a galaxy and its immediate surroundings. These observations are essential to resolve age ambiguities due to reddening (see Whitmore and Zhang (2002)). Our goal is to reach an absolute magnitude in U, equivalent to  $M_U=-9$  at  $S/N=10$  for clusters younger than 100Myr (using  $U-V=-0.20$  from Bruzual and Charlot (2001)). At  $v=4000$  km/s, this corresponds to  $m_U=24.43$ , and the WFPC2 exposure time calculator gives 2600s. Thus U-band observations for a given group can be done within 1 orbit. We need not require deeper images in U because we are not searching for low surface brightness sources or old globular clusters in this band. We request a total of 5 orbits for these targeted U-band observations.

**ACS/H-alpha Imaging:** Because our groups are redshifted, we must accept the limited FOV of the ACS 2% ramp filters (40" x 80"). Though costly, H-alpha is essential for the youngest clusters. For clusters with values of  $A_V$  greater than ~1 mag, there are two or even three possible solutions for the age, as we backtrack along the reddening vector. We can break this degeneracy by using the H-alpha observations in conjunction with starburst models. Clusters with ages less than 4.8 Myr have  $\log EW(H\text{-}\alpha) > 2.6$ . Whitmore and Zhang (2002) have used this technique to determine ages of the clusters in the Antennae galaxies. We use their observation to scale our requirements. Their 4000s observation was sufficient to measure H-alpha for 37 of the 38 counterparts, reaching  $F(H\text{-}\alpha) = 3 \times 10^{-16}$  ergs/cm<sup>2</sup>/s, continuum flux density of  $4.5 \times 10^{-18}$  ergs/cm<sup>2</sup>/s/Å, and  $\log EW(H\text{-}\alpha) = 1.9$ , with a mean  $S/N = 7$ . From the on-line WFPC2 and ACS ETCs, we find that ACS is roughly a factor of 3 more efficient. We

also take into account the greater distance of our farthest group (4300 km/s) compared to the Antennae (1700 km/s). We find that with 1 orbit we should reach  $\log EW(\text{H-alpha}) = 2.5$ , which allows us to detect and date clusters <5 Myrs old in the most distant group. Our V and I-band images will be used for continuum subtraction from the H-alpha images, following Whitmore and Zhang (2002). The total number of orbits for H-alpha imaging is 5.

#### **ADDITIONAL COMMENTS**

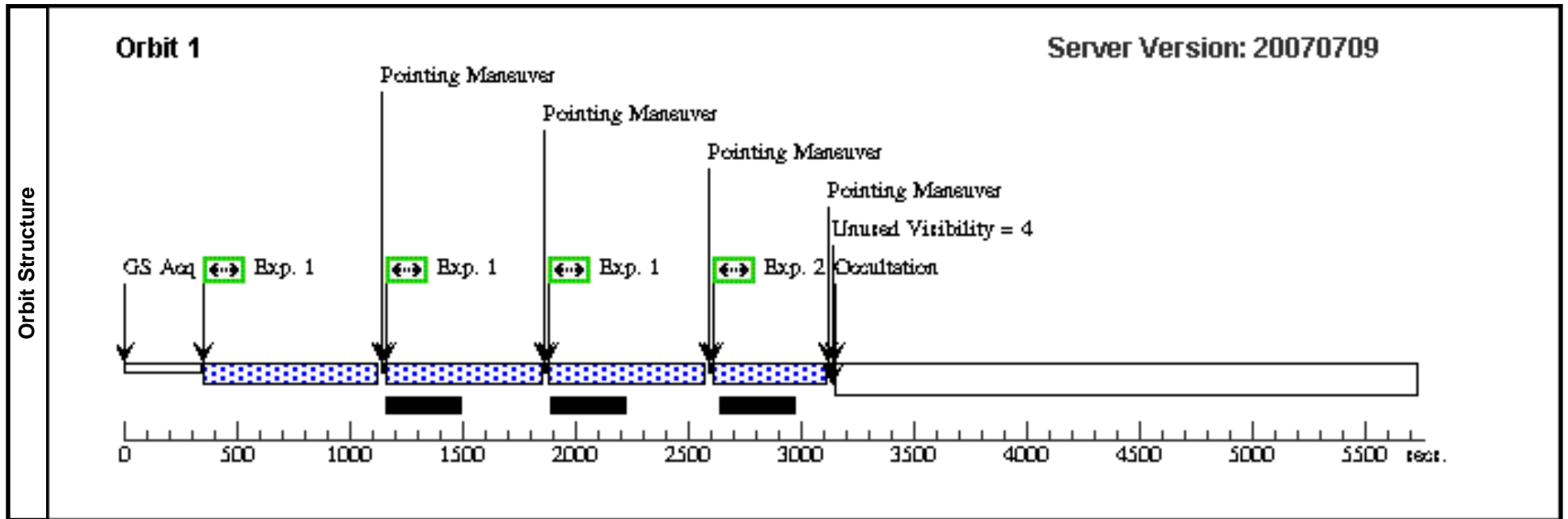
In most cases, we have not placed constraints on roll angle to maximize schedulability. We have applied orientation constraints on some of our targets to make sure some galaxy members are included in the ACS FOV, as well as to avoid some bright stars. In those instances, we have checked the schedulability to verify they are not time-constricting.

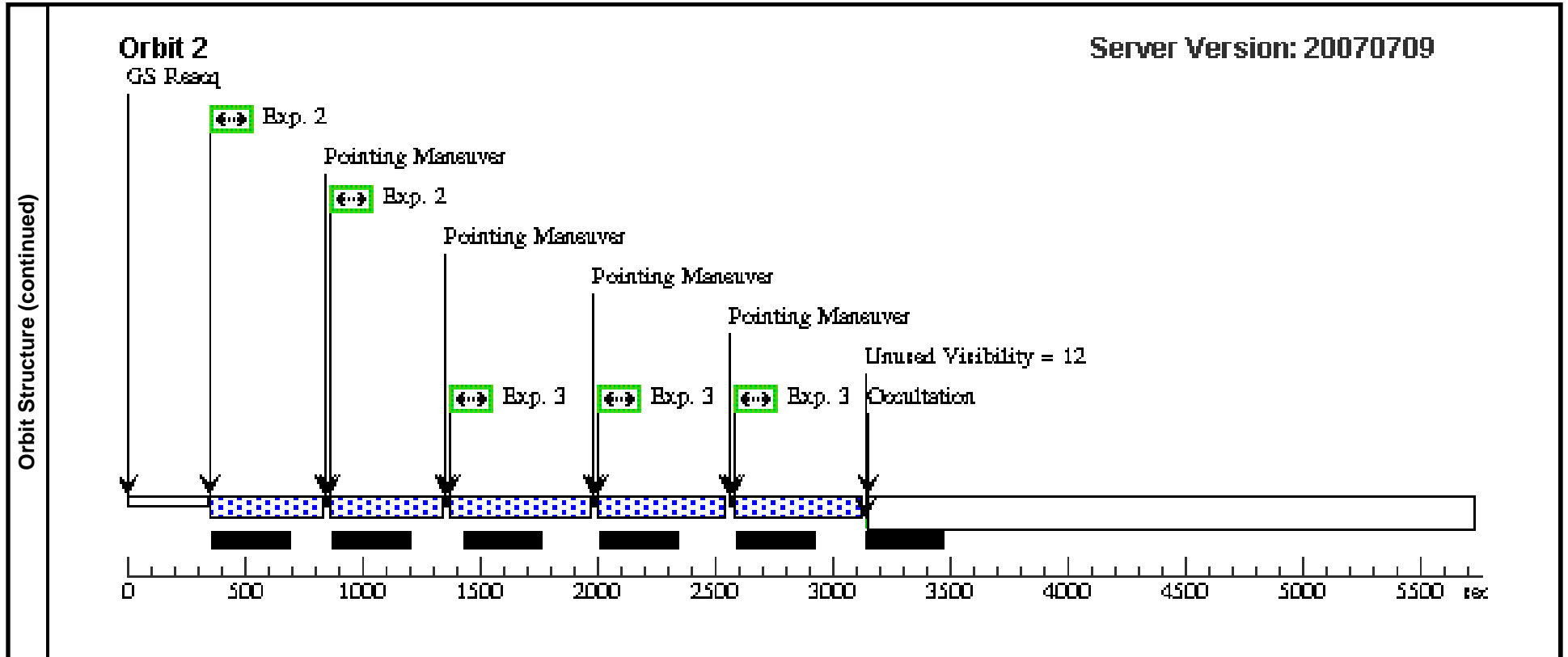
Sub-pixel dithering (in a point LINE pattern) is being done on the F435W/F606W/F814W ACS images to facilitate removal of cosmic rays, hot pixels, and improve resolution.

Proposal 10787 - Visit 02 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:21 GMT 2007

Visit	<b>Proposal 10787, Visit 02, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SAME ORIENT AS 01 Comments: <i>BVI images of HCG90(north)</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	HCG090-TARG2	RA: 22 01 59.4081 (330.4975337d) Dec: -31 52 51.97 (-31.88110d) Equinox: J2000		V=10.1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 90	(14) HCG090-TARG 2	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 90	(14) HCG090-TARG 2	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V-images - HCG 90	(14) HCG090-TARG 2	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	420.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

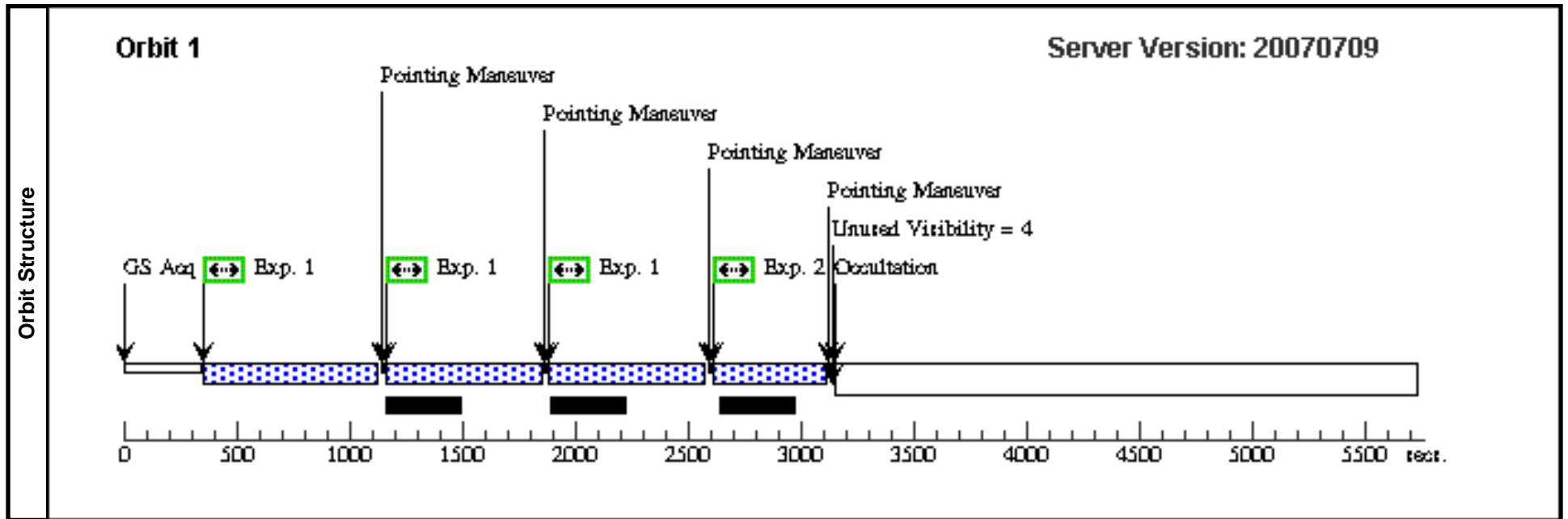


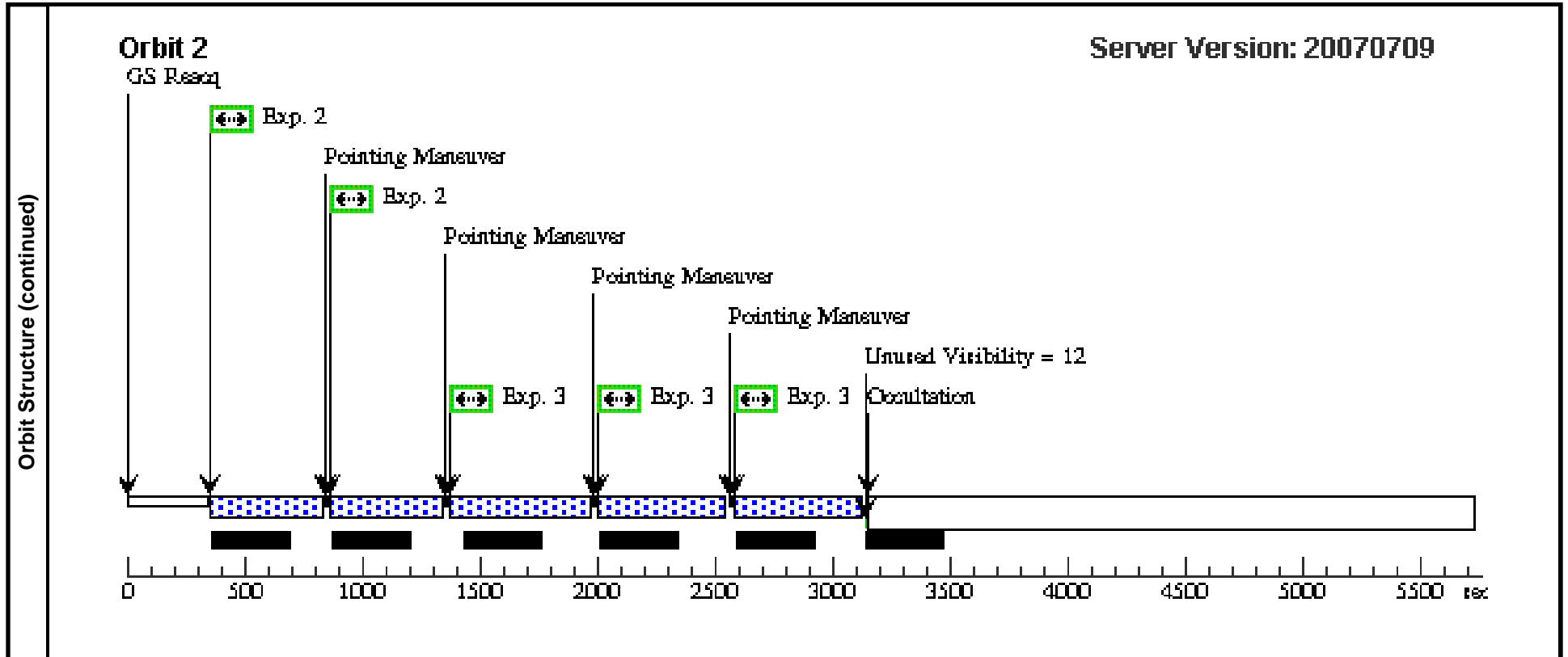


Proposal 10787 - Visit 01 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:23 GMT 2007

Visit	<b>Proposal 10787, Visit 01, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; ORIENT 230.0D TO 260.0 D Comments: <i>BVI images of HCG90 (south)</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	HCG090-TARG1	RA: 22 02 9.3431 (330.5389296d) Dec: -31 58 37.20 (-31.97700d) Equinox: J2000		V=10.1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 90	(1) HCG090-TARG1	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 90	(1) HCG090-TARG1	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 90	(1) HCG090-TARG1	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	420.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

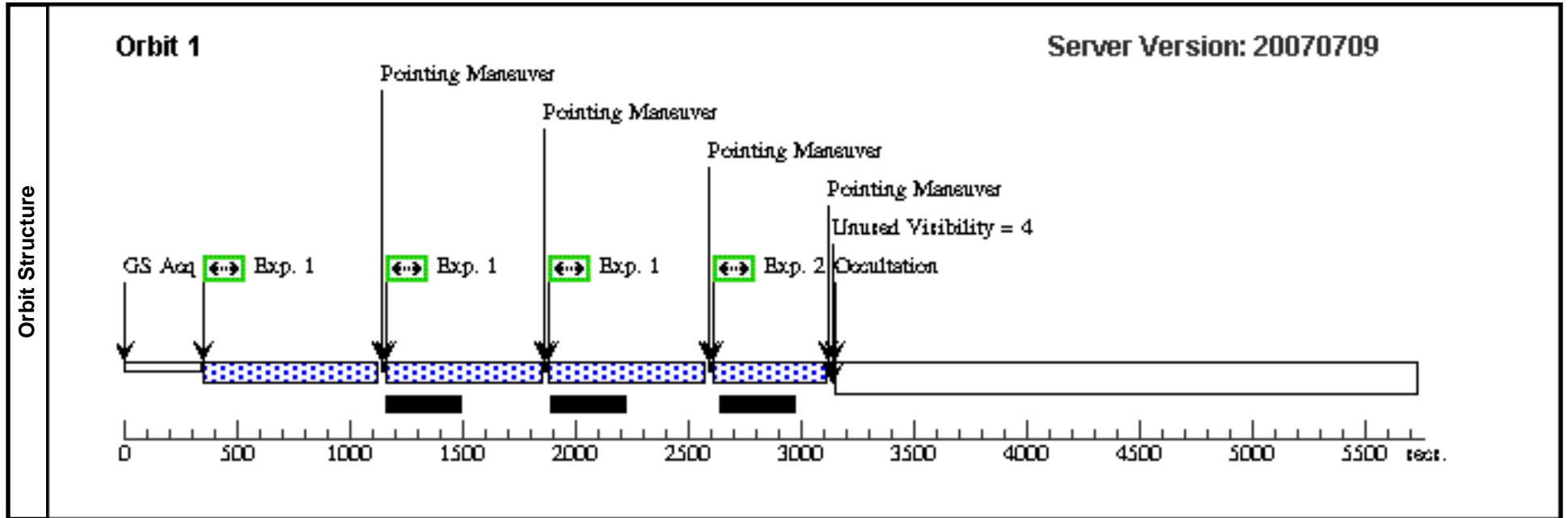


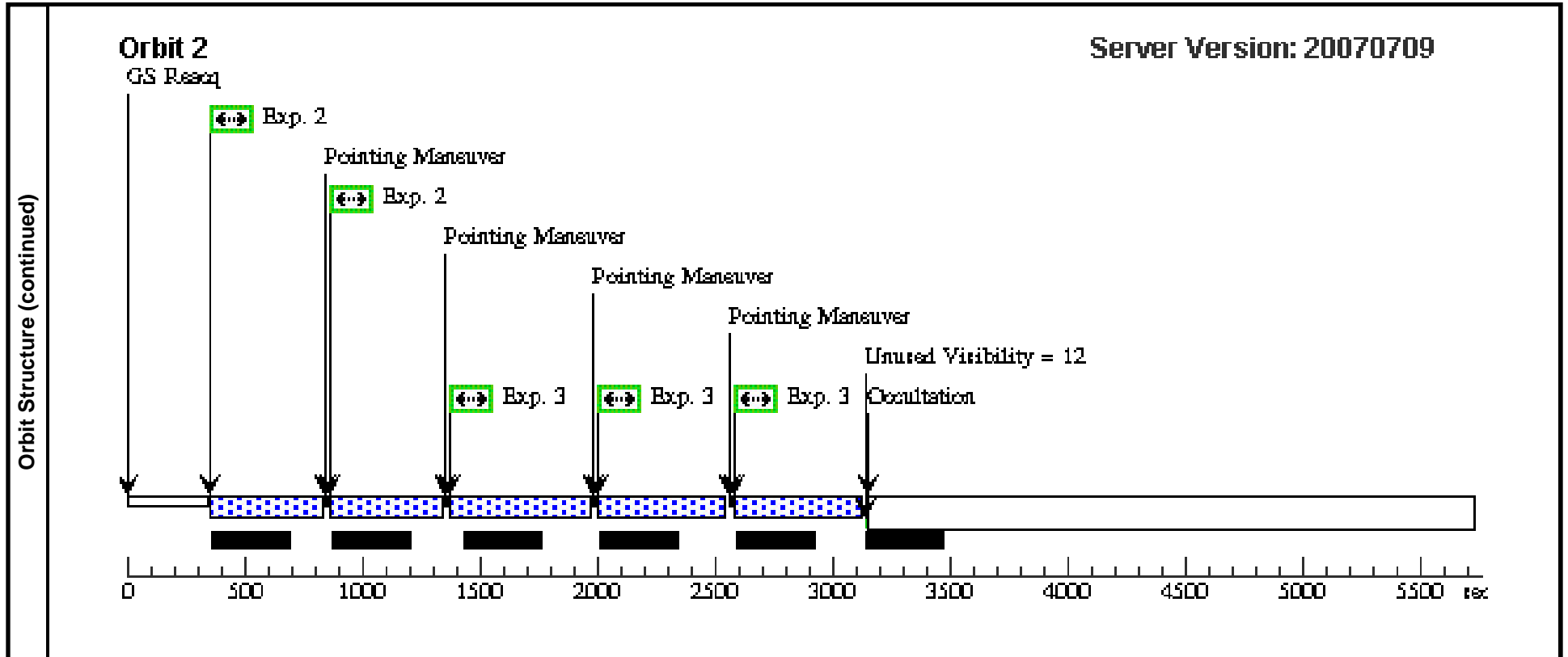


Proposal 10787 - Visit 03 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:23 GMT 2007

Visit	<b>Proposal 10787, Visit 03, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SAME ORIENT AS 01 Comments: <i>BVI images of HCG90</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(13)	HCG090-TARG3	RA: 22 02 2.9943 (330.5124762d) Dec: -31 55 50.44 (-31.93068d) Equinox: J2000		V=10.1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 90	(13) HCG090-TARG 3	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 90	(13) HCG090-TARG 3	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 90	(13) HCG090-TARG 3	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	420.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

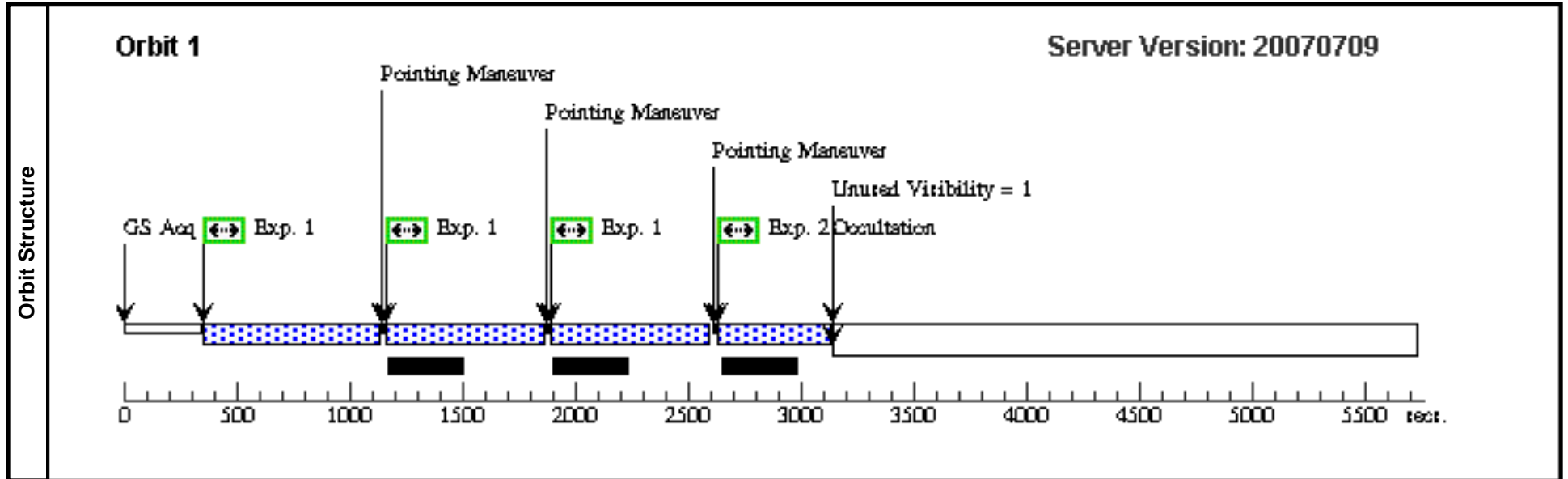


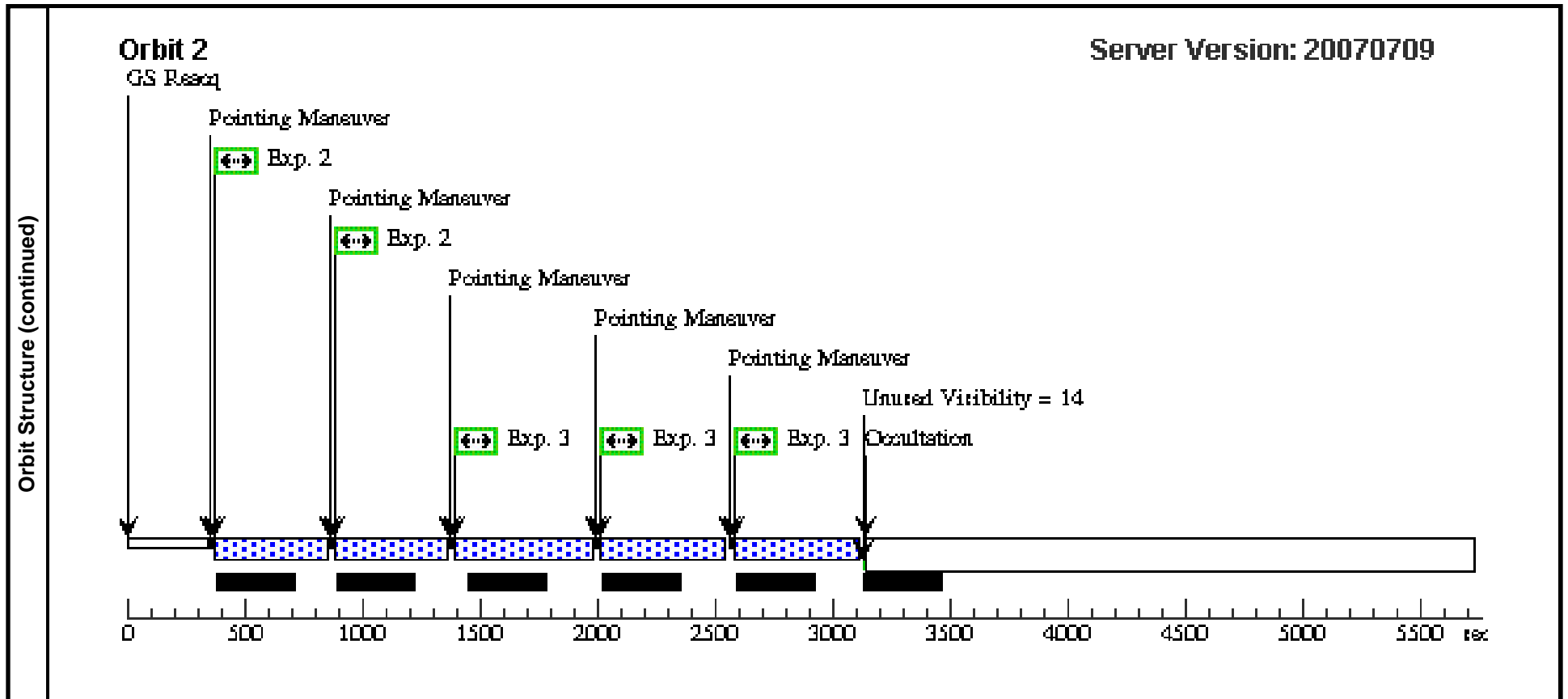


Proposal 10787 - Visit 04 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:24 GMT 2007

Visit	<b>Proposal 10787, Visit 04, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE Comments: BVI images of HCG22									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	HCG022-TARG1	RA: 03 03 25.2221 (45.8550921d) Dec: -15 38 23.69 (-15.63991d) Equinox: J2000		V=11.1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 22	(2) HCG022-TARG1	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	575.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 22	(2) HCG022-TARG1	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 22	(2) HCG022-TARG1	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

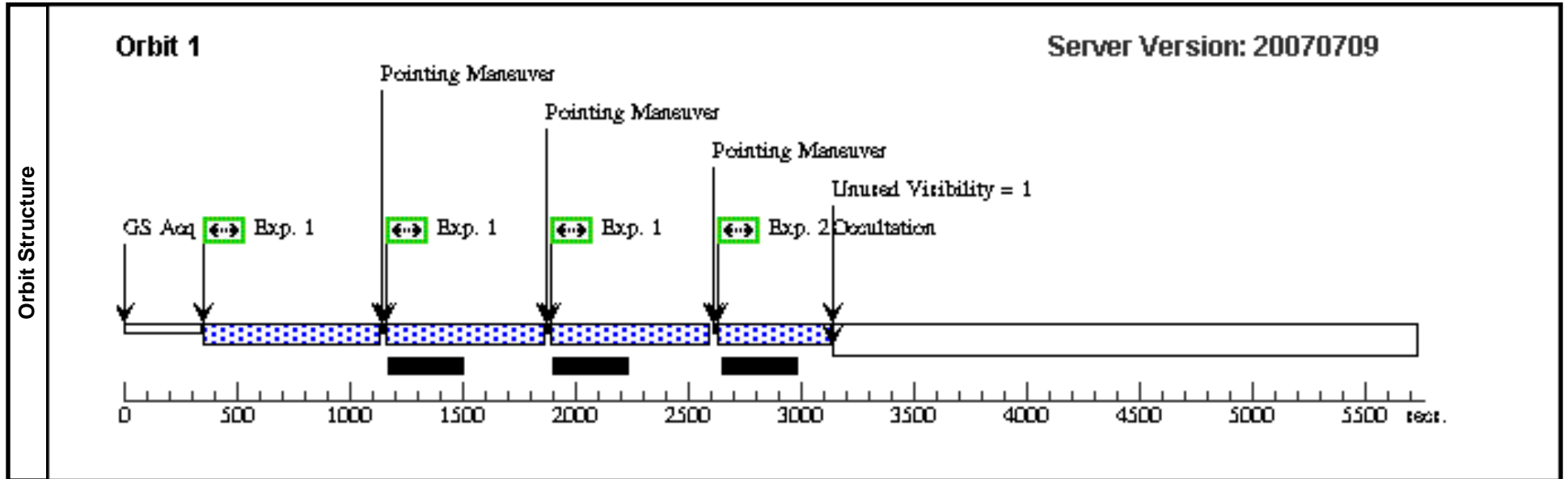


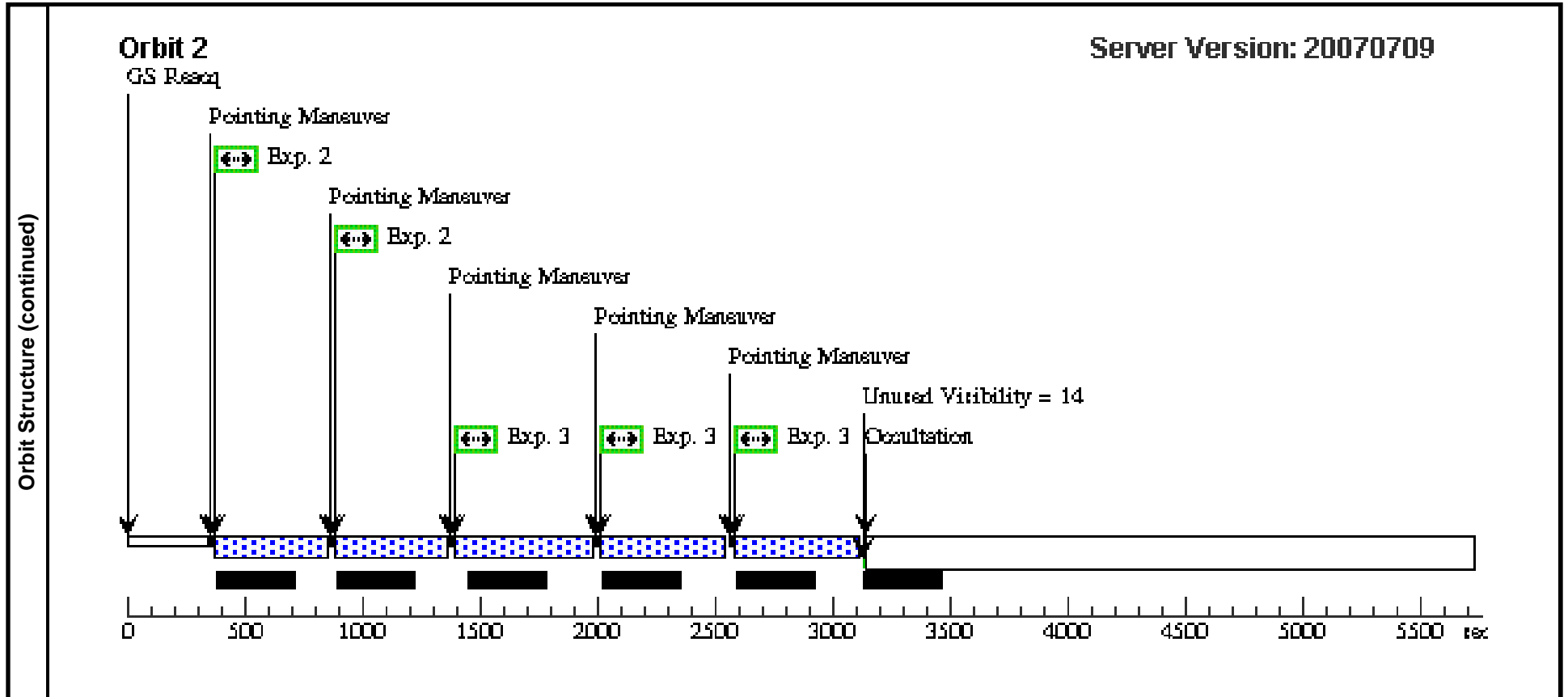


Proposal 10787 - Visit 05 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:24 GMT 2007

Visit	<b>Proposal 10787, Visit 05, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SAME ORIENT AS 04 Comments: <i>BVI images of HCG 22</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(15)	HCG022-TARG2	RA: 03 03 35.4796 (45.8978317d) Dec: -15 37 7.79 (-15.61883d) Equinox: J2000		V=11.1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 22	(15) HCG022-TARG 2	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	575.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 22	(15) HCG022-TARG 2	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 22	(15) HCG022-TARG 2	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

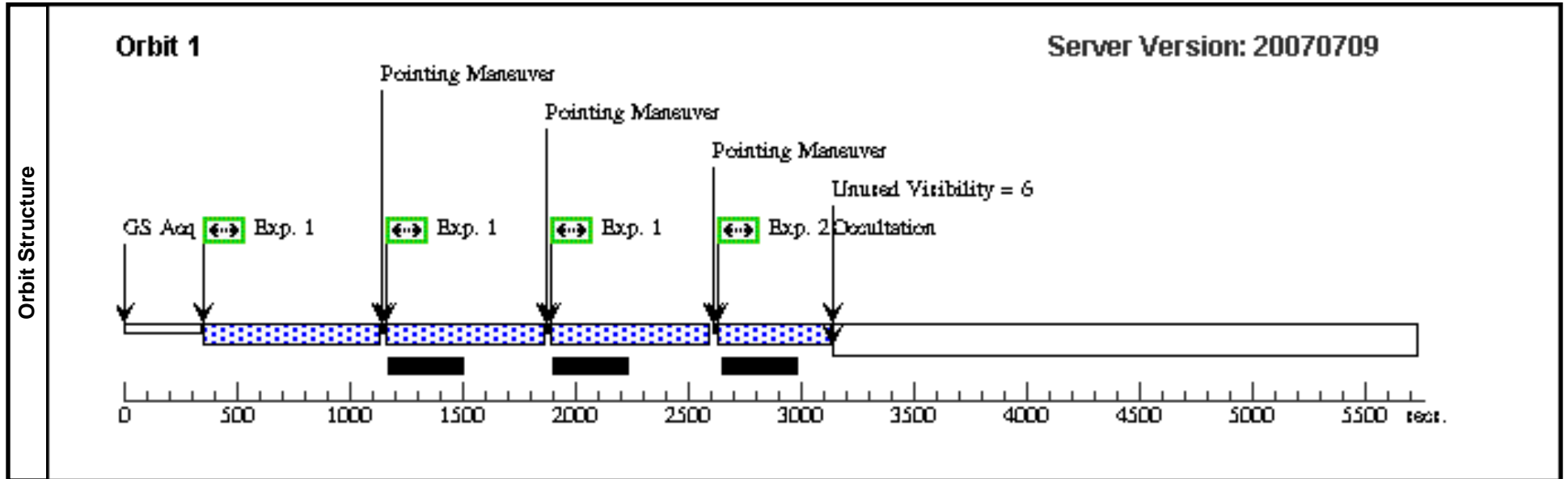


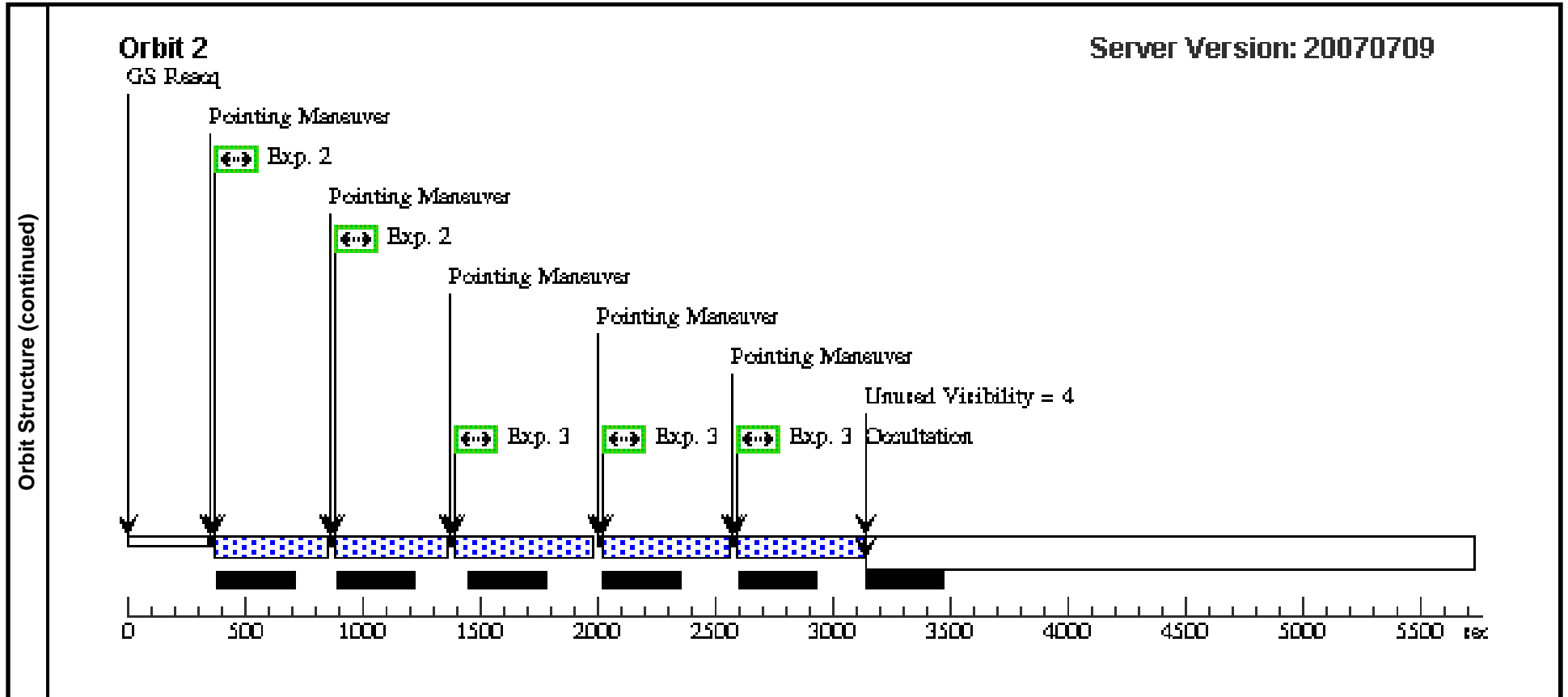


Proposal 10787 - Visit 06 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:25 GMT 2007

Visit	<b>Proposal 10787, Visit 06, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE Comments: BVI images of HCG 48									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(3)	HCG048-TARG1	RA: 10 37 48.1999 (159.4508329d) Dec: -27 05 52.06 (-27.09779d) Equinox: J2000			V=12.1	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 48	(3) HCG048-TARG1	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	575.0 Secs	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2	I images - HCG 48	(3) HCG048-TARG1	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1] [2]	
3	V images - HCG 48	(3) HCG048-TARG1	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	415.0 Secs		
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]	

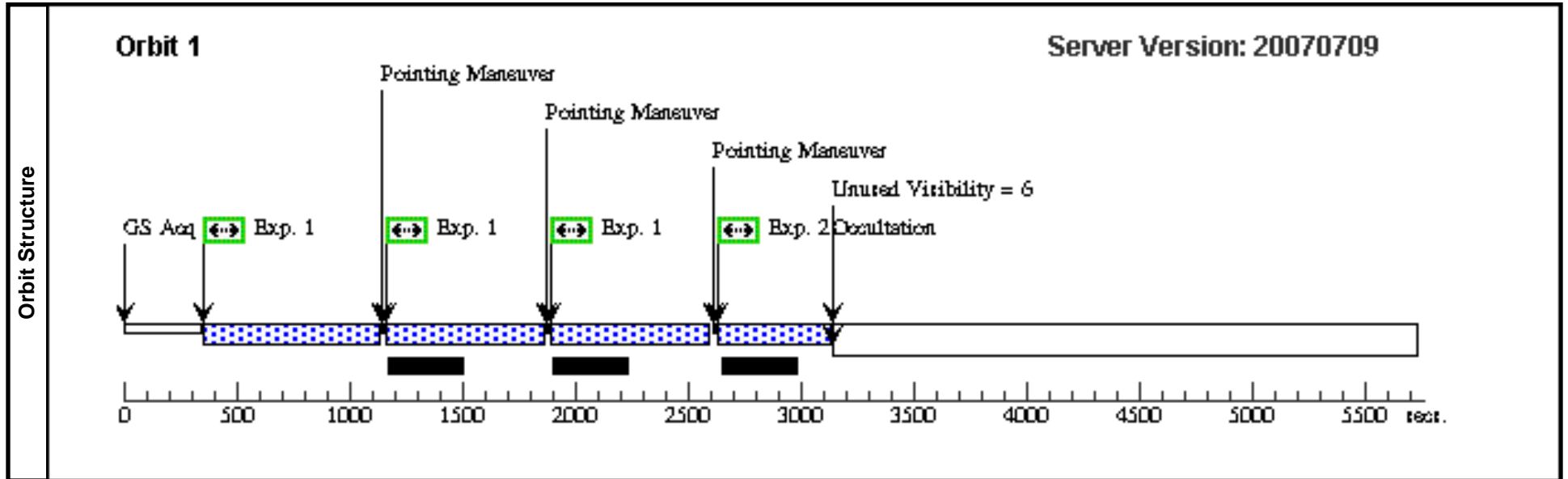


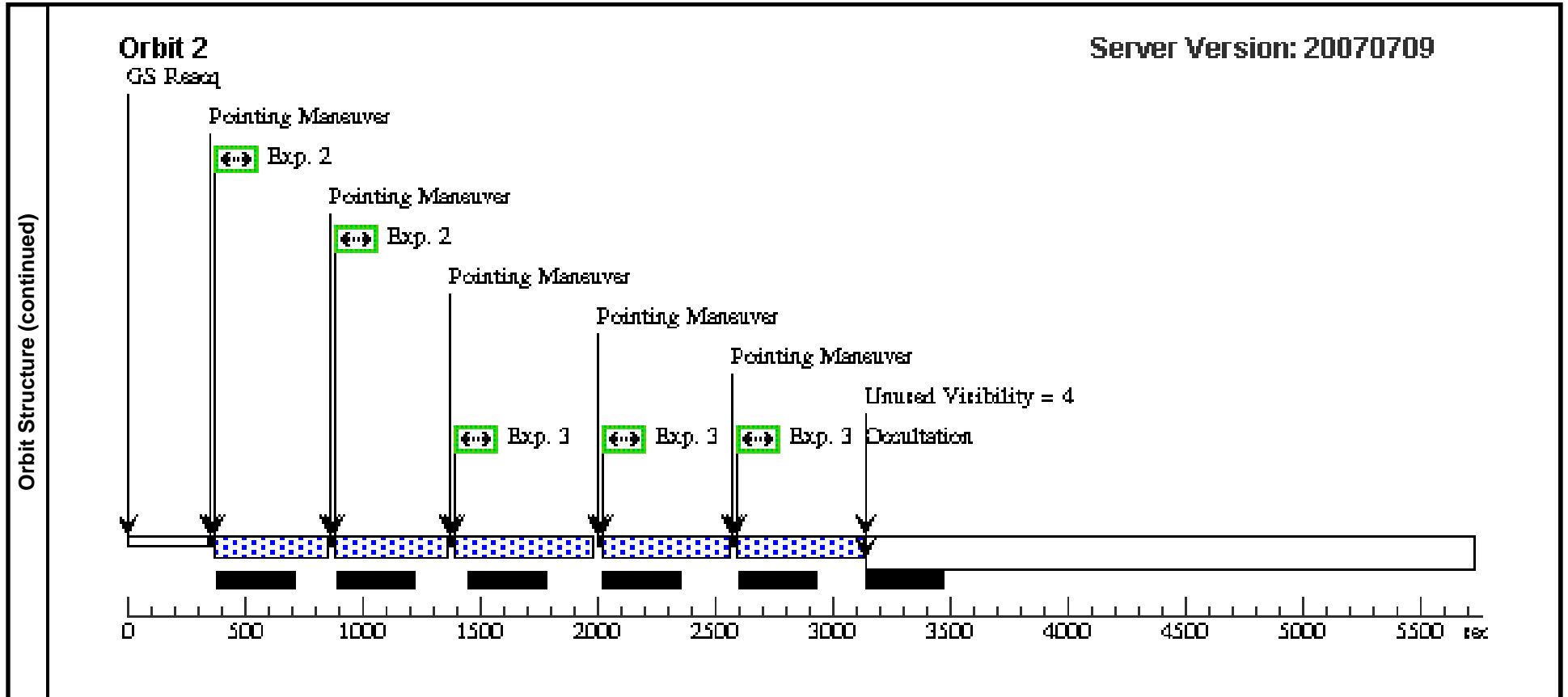


Proposal 10787 - Visit 07 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:25 GMT 2007

Visit	<b>Proposal 10787, Visit 07, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SAME ORIENT AS 06 Comments: <i>BVI images of HCG 48</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(16)	HCG048-TARG2	RA: 10 37 38.3535 (159.4098062d) Dec: -27 02 58.31 (-27.04953d) Equinox: J2000		V=12.1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 48	(16) HCG048-TARG 2	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	575.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 48	(16) HCG048-TARG 2	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 48	(16) HCG048-TARG 2	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	415.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

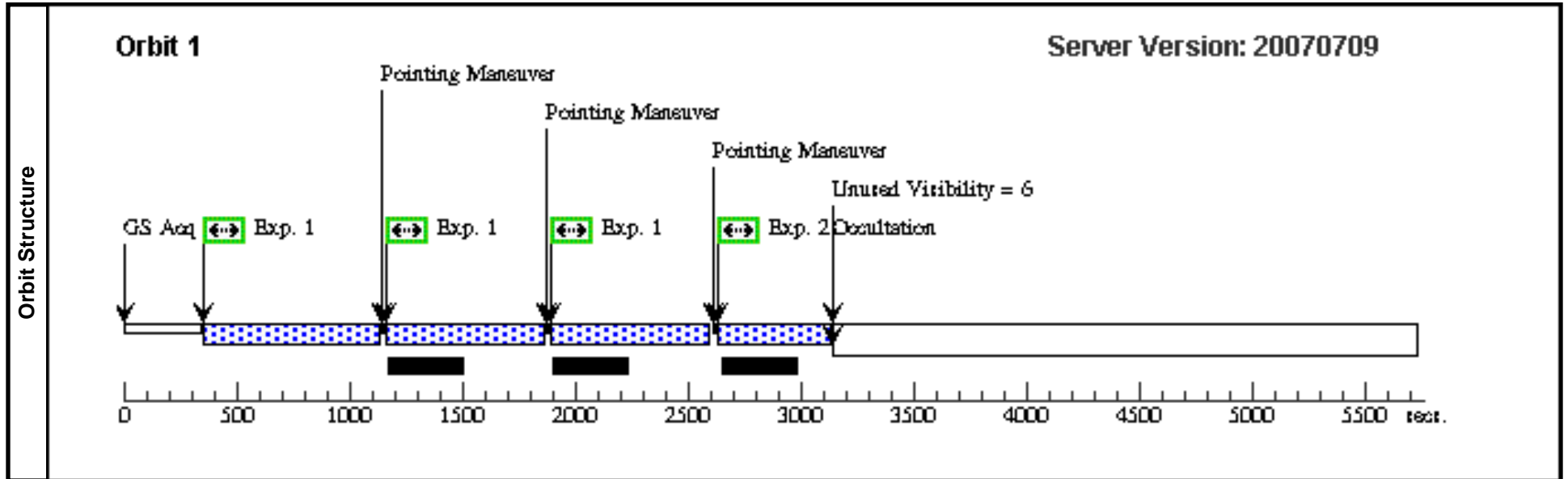


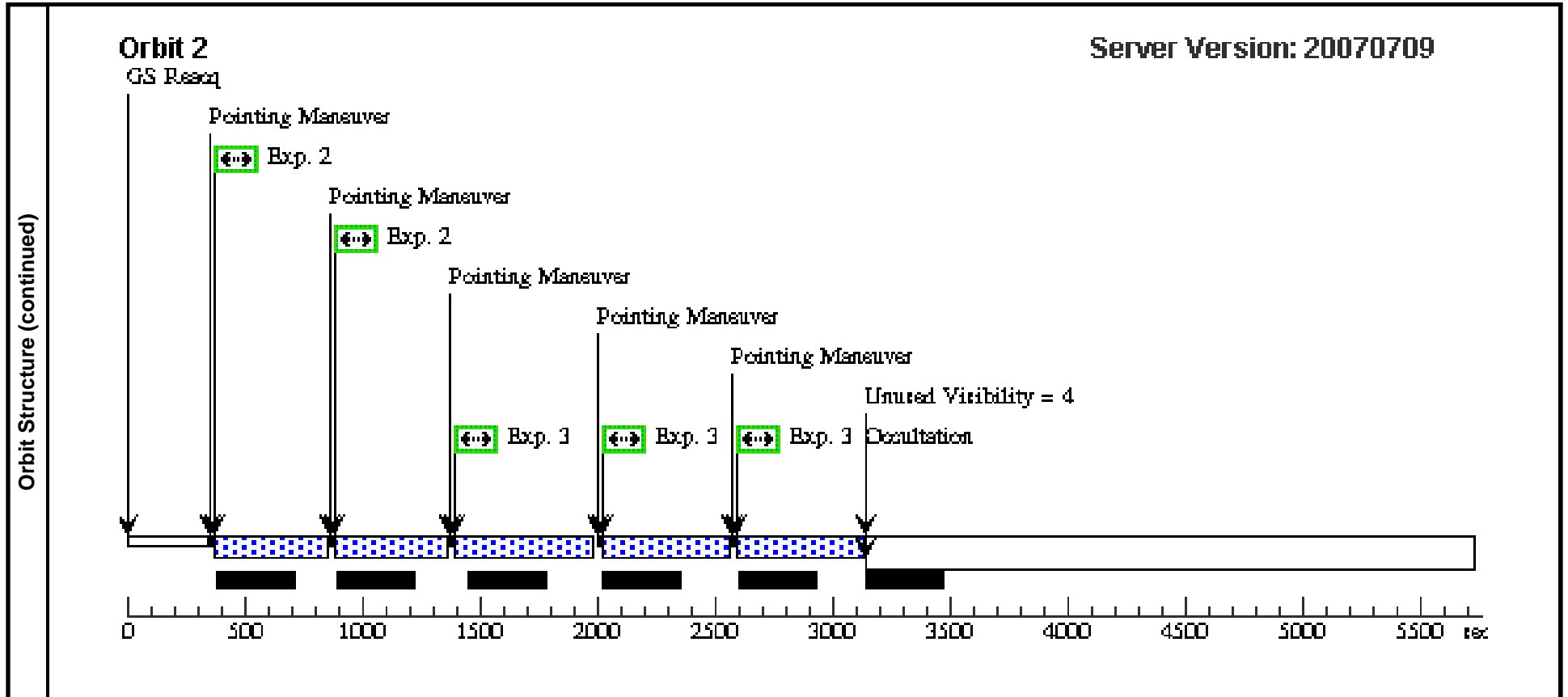


Proposal 10787 - Visit 08 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:25 GMT 2007

Visit	<b>Proposal 10787, Visit 08, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; ORIENT 290.0D TO 320.0 D Comments: <i>BVI images of HCG 61</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	HCG061-TARG1	RA: 12 12 26.4480 (183.1102000d) Dec: +29 09 38.01 (29.16056d) Equinox: J2000		V=11.1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 61	(4) HCG061-TARG1	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	575.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 61	(4) HCG061-TARG1	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 61	(4) HCG061-TARG1	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	415.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

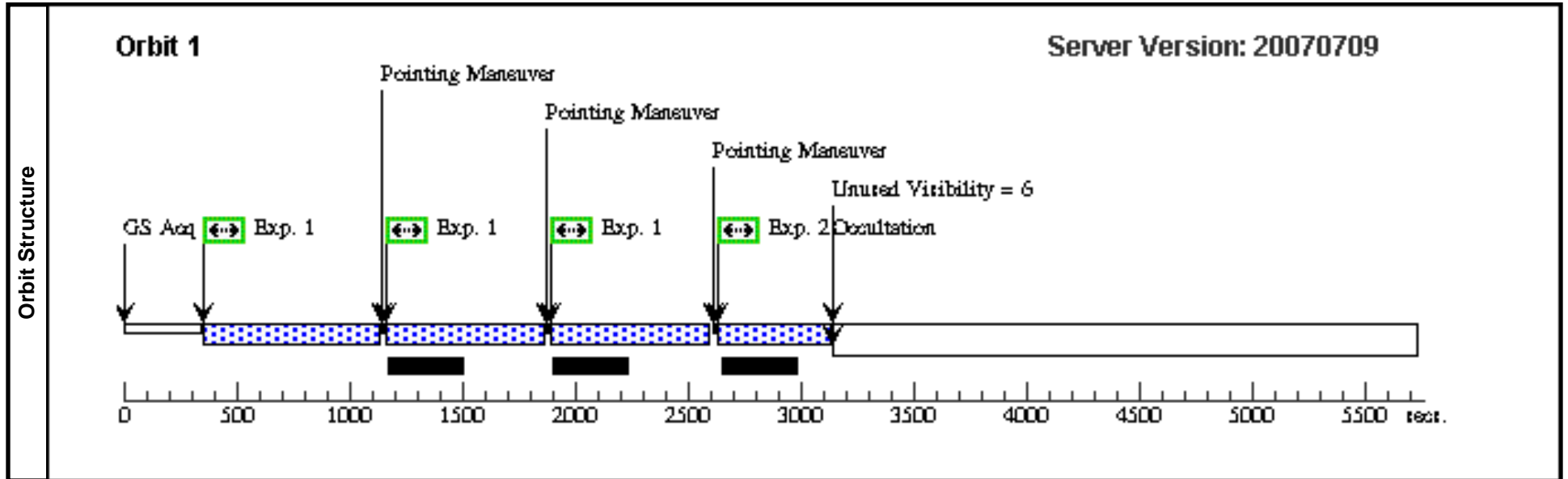


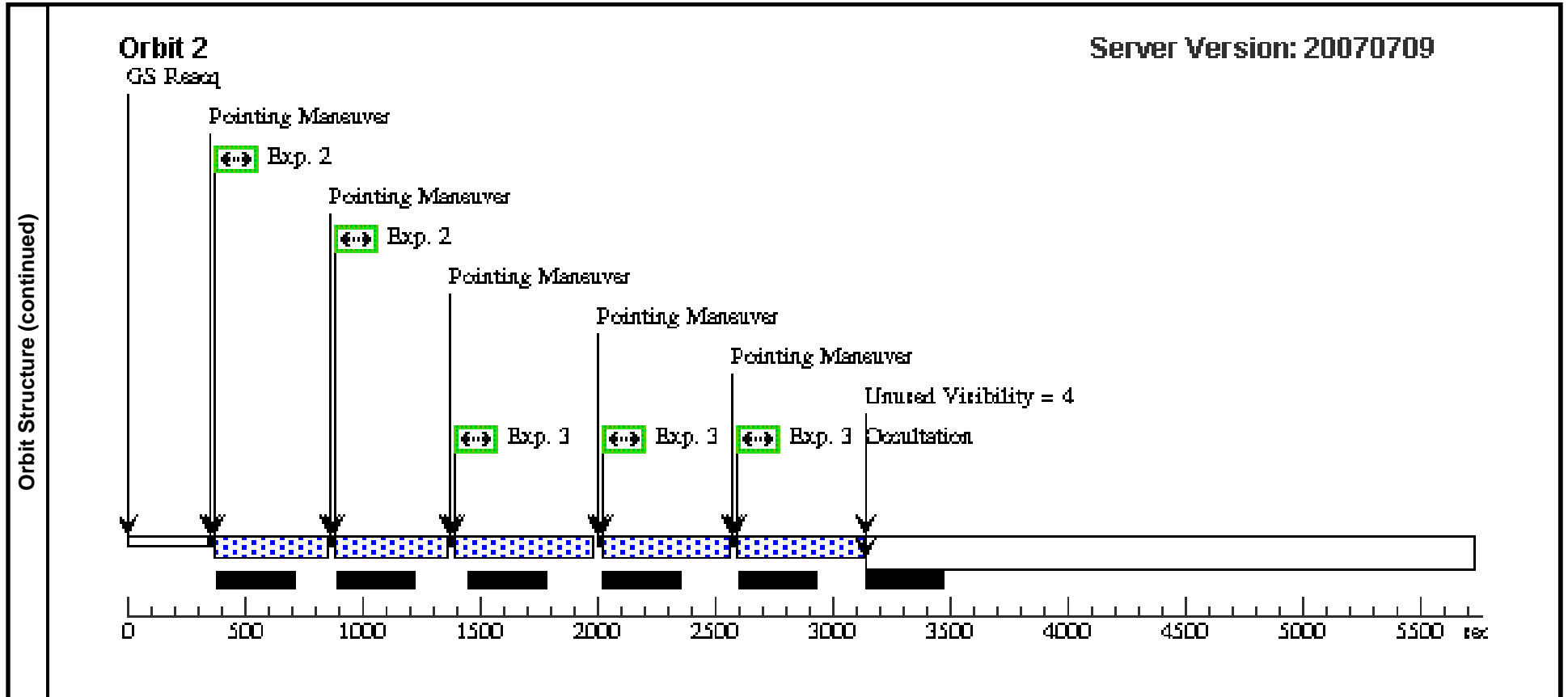


Proposal 10787 - Visit 09 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:26 GMT 2007

Visit	<b>Proposal 10787, Visit 09, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SAME ORIENT AS 08 Comments: <i>BVI images of HCG 61</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(17)	HCG061-TARG2	RA: 12 12 16.3815 (183.0682562d) Dec: +29 11 37.98 (29.19388d) Equinox: J2000		V=11.1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 61	(17) HCG061-TARG 2	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	575.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 61	(17) HCG061-TARG 2	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 61	(17) HCG061-TARG 2	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	415.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

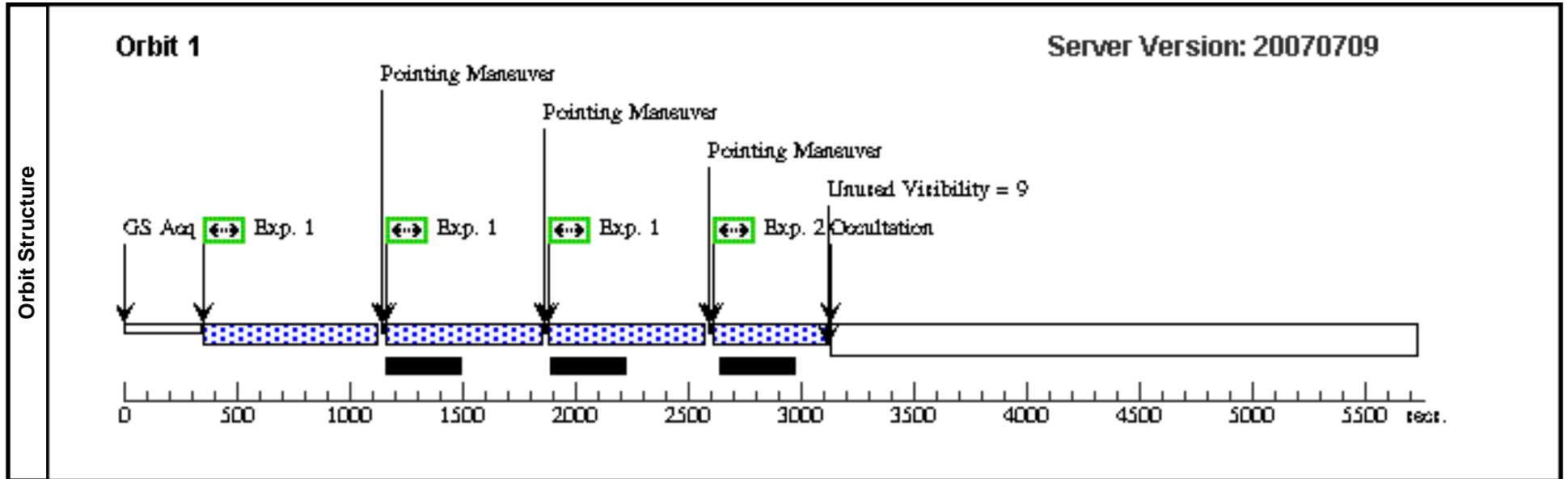


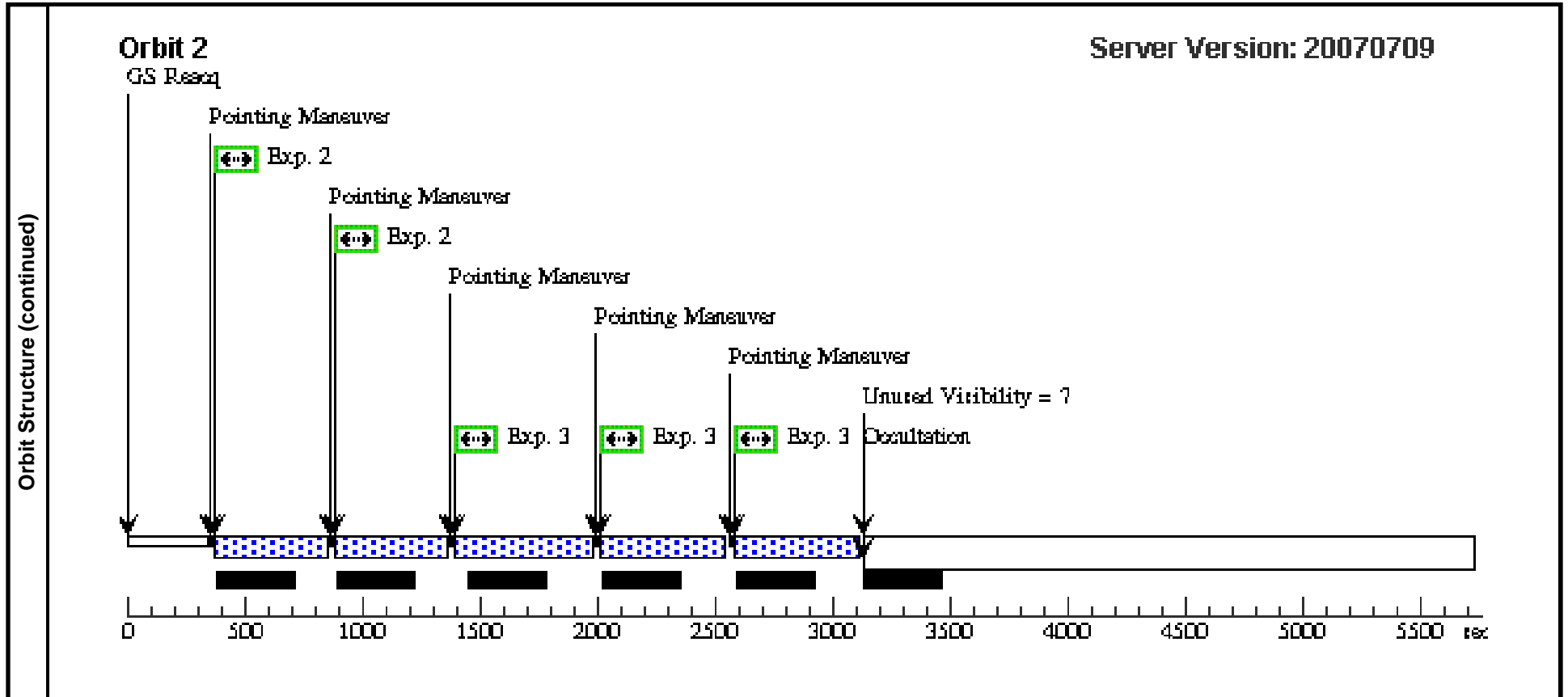


Proposal 10787 - Visit 10 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:26 GMT 2007

Visit	<b>Proposal 10787, Visit 10, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; ORIENT 250.0D TO 280.0 D Comments: <i>BVI images of HCG 16</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	HCG016-TARG1	RA: 02 09 45.5883 (32.4399512d) Dec: -10 11 5.32 (-10.18481d) Equinox: J2000		V=11.4	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 16	(5) HCG016-TARG1	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 16	(5) HCG016-TARG1	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 16	(5) HCG016-TARG1	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

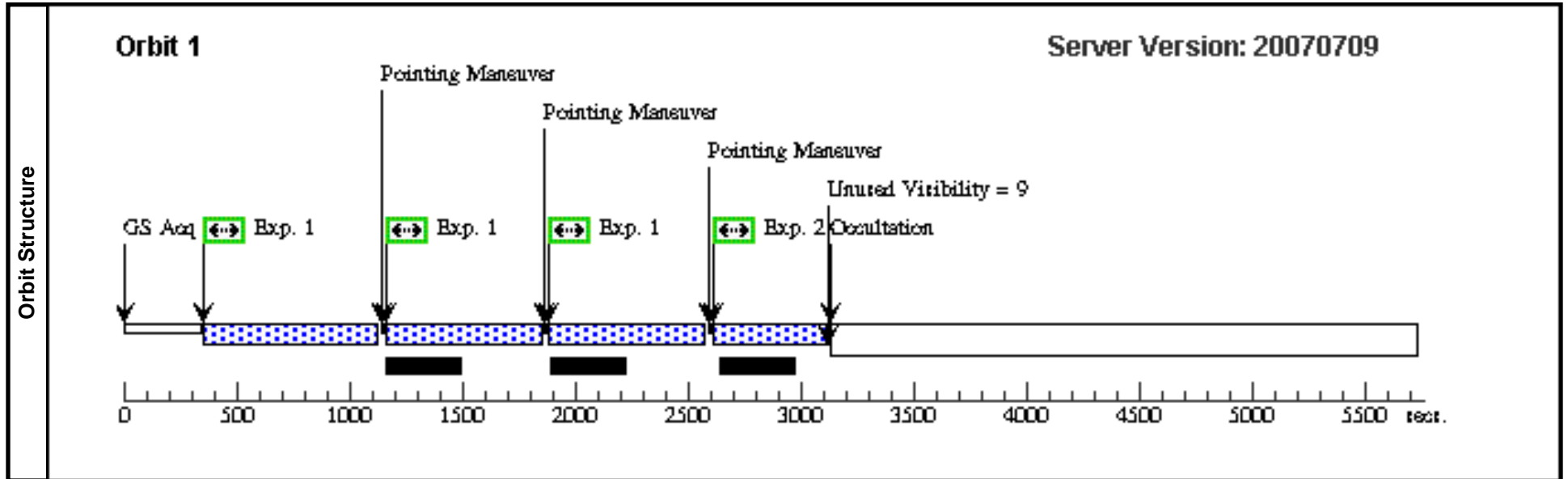


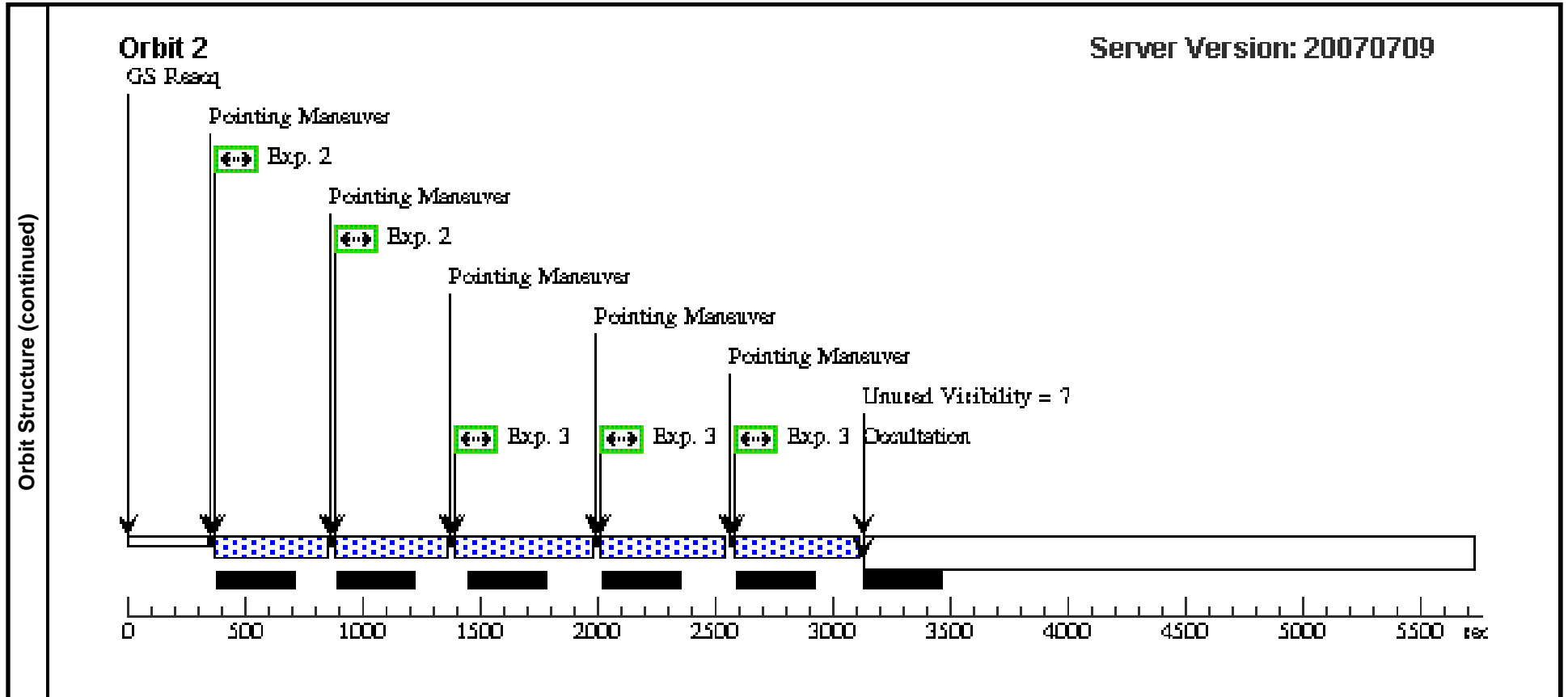


Proposal 10787 - Visit 11 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:27 GMT 2007

Visit	<b>Proposal 10787, Visit 11, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SAME ORIENT AS 10 Comments: <i>BVI images of HCG 16</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(18)	HCG016-TARG2	RA: 02 09 36.1970 (32.4008208d) Dec: -10 08 9.37 (-10.13594d) Equinox: J2000		V=11.4	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 16	(18) HCG016-TARG 2	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 16	(18) HCG016-TARG 2	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 16	(18) HCG016-TARG 2	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

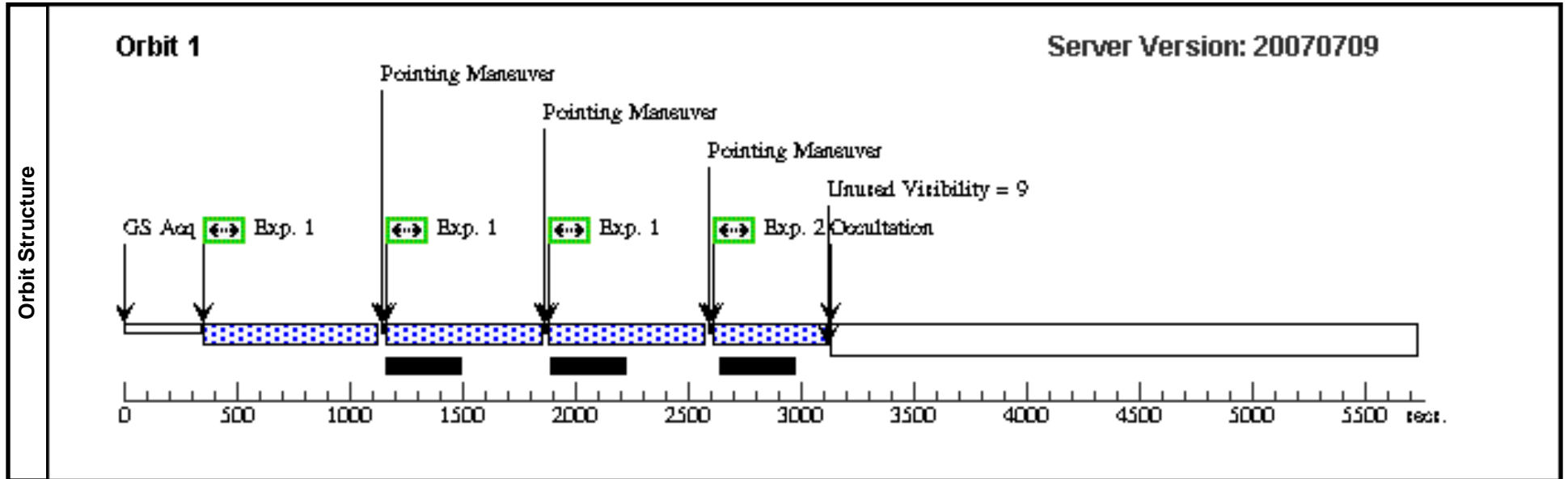


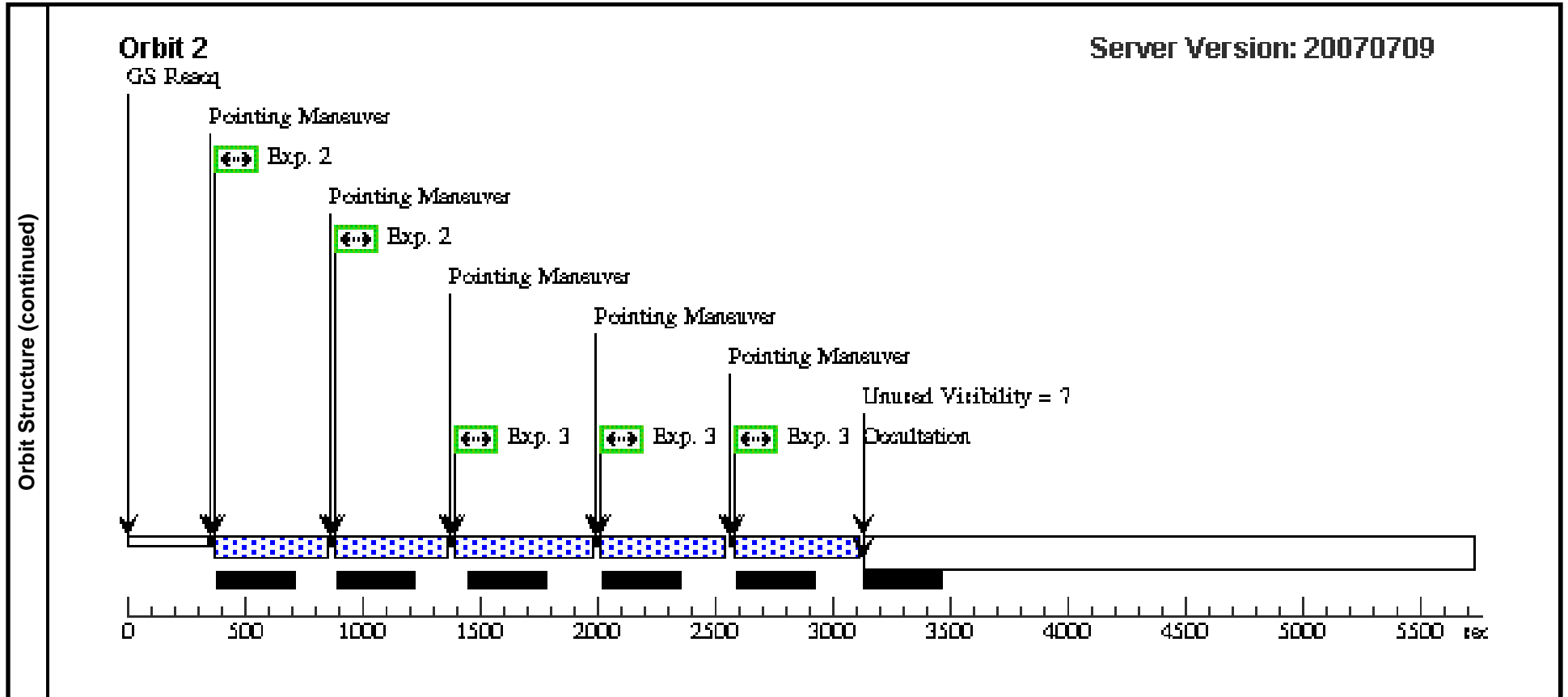


Proposal 10787 - Visit 12 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:28 GMT 2007

Visit	<b>Proposal 10787, Visit 12, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SAME ORIENT AS 10 Comments: <i>BVI images of HCG 16</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(19)	HCG016-TARG3	RA: 02 09 23.0031 (32.3458462d) Dec: -10 07 38.53 (-10.12737d) Equinox: J2000		V=11.4	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 16	(19) HCG016-TARG 3	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 16	(19) HCG016-TARG 3	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 16	(19) HCG016-TARG 3	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

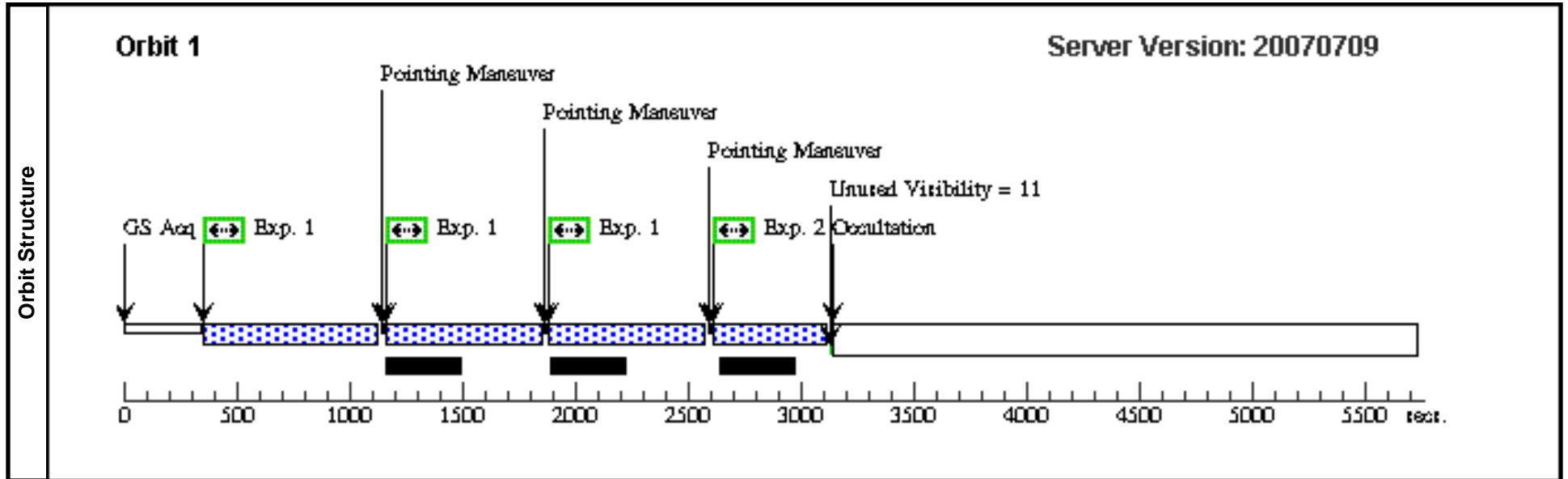


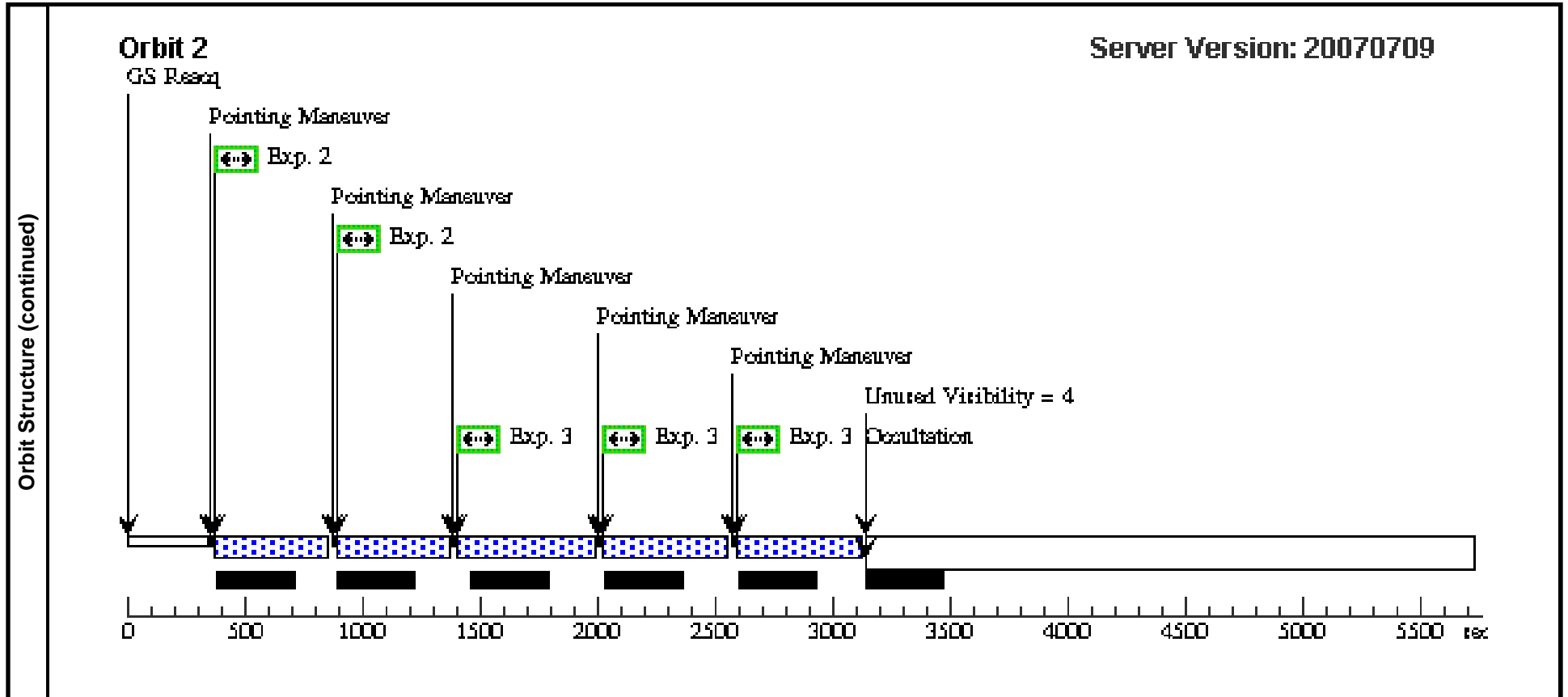


Proposal 10787 - Visit 13 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:28 GMT 2007

Visit	<b>Proposal 10787, Visit 13, completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; ORIENT 260.0D TO 290.0 D Comments: <i>BVI images of HCG 42</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	HCG042-TARG1	RA: 10 00 15.6834 (150.0653475d) Dec: -19 38 23.99 (-19.64000d) Equinox: J2000		V=10.9	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 42	(6) HCG042-TARG1	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 42	(6) HCG042-TARG1	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	360.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 42	(6) HCG042-TARG1	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

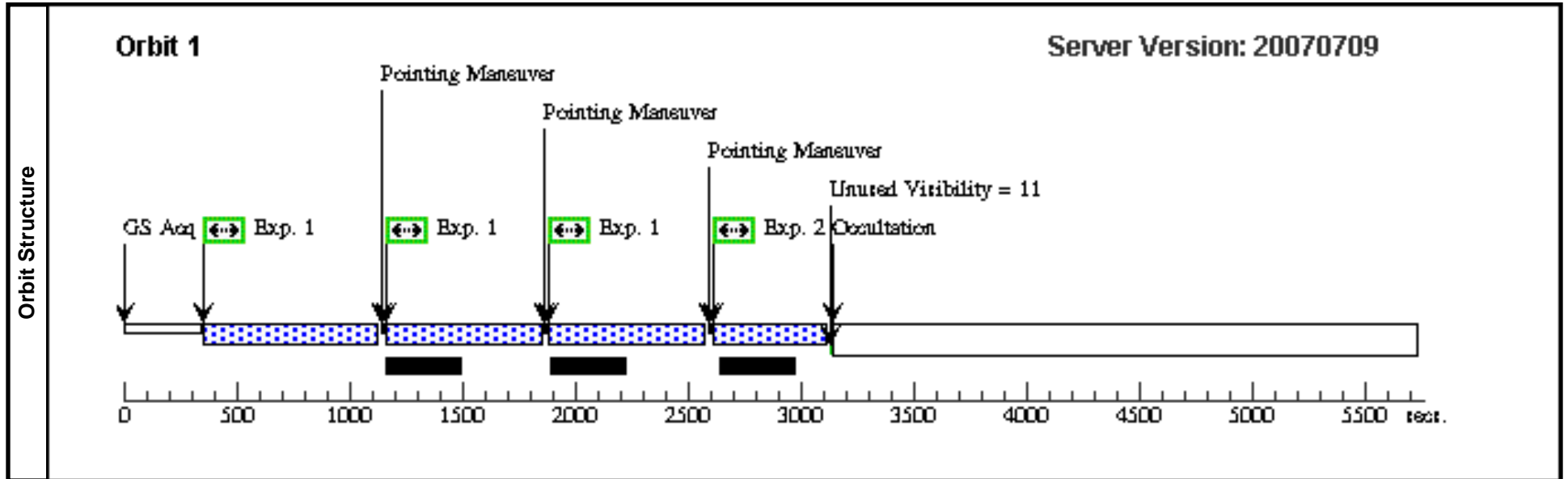


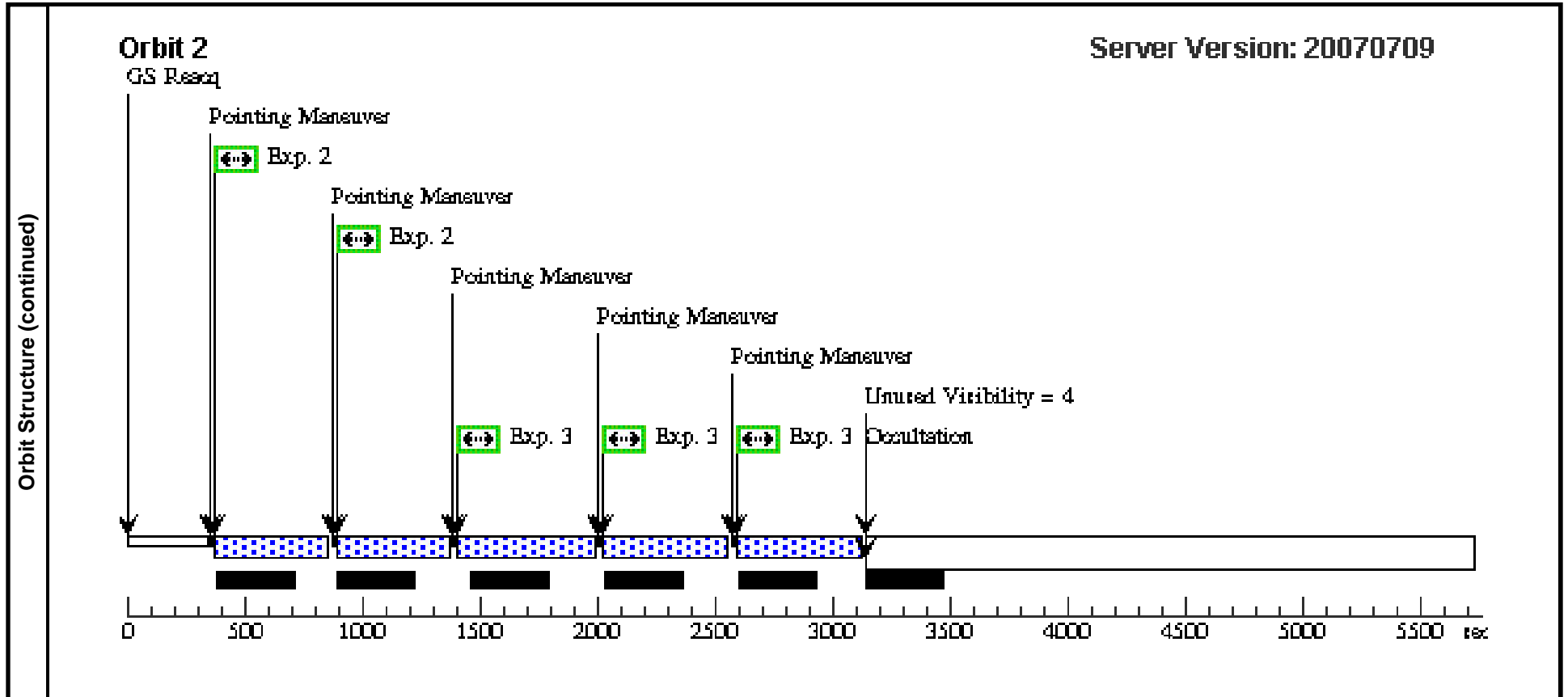


Proposal 10787 - Visit 14 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:29 GMT 2007

Visit	<b>Proposal 10787, Visit 14, failed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SAME ORIENT AS 13 Comments: <i>BVI images of HCG 42</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(20)	HCG042-TARG2	RA: 10 00 27.2933 (150.1137221d) Dec: -19 40 16.59 (-19.67127d) Equinox: J2000			V=10.9	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 42	(20) HCG042-TARG 2	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 42	(20) HCG042-TARG 2	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	360.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 42	(20) HCG042-TARG 2	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

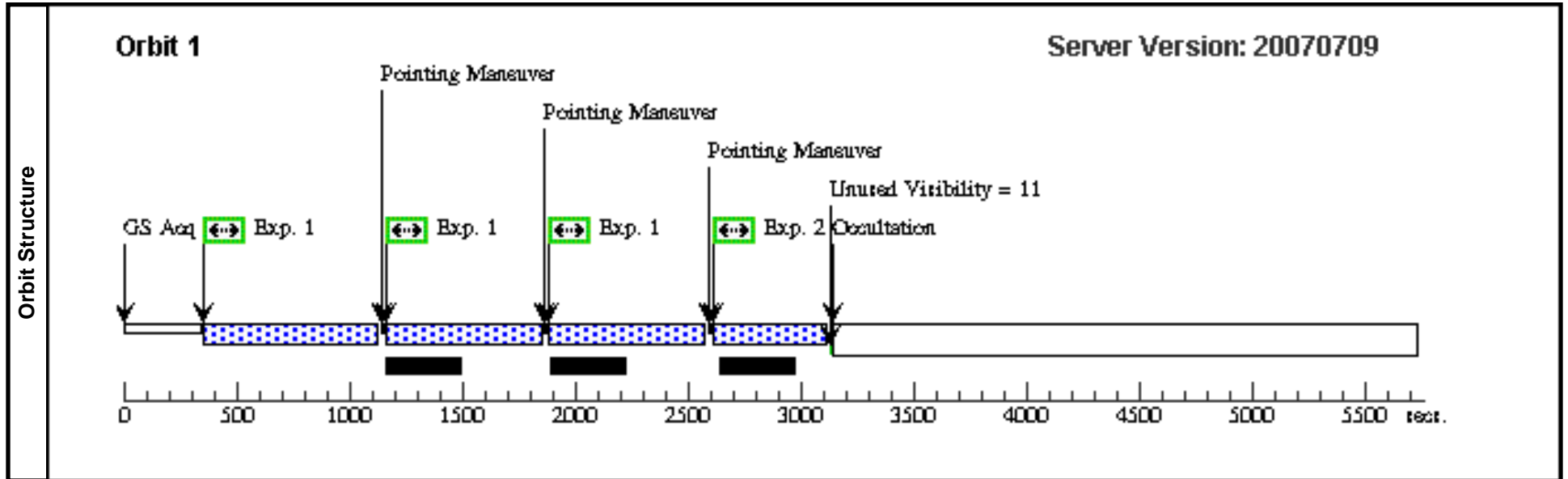


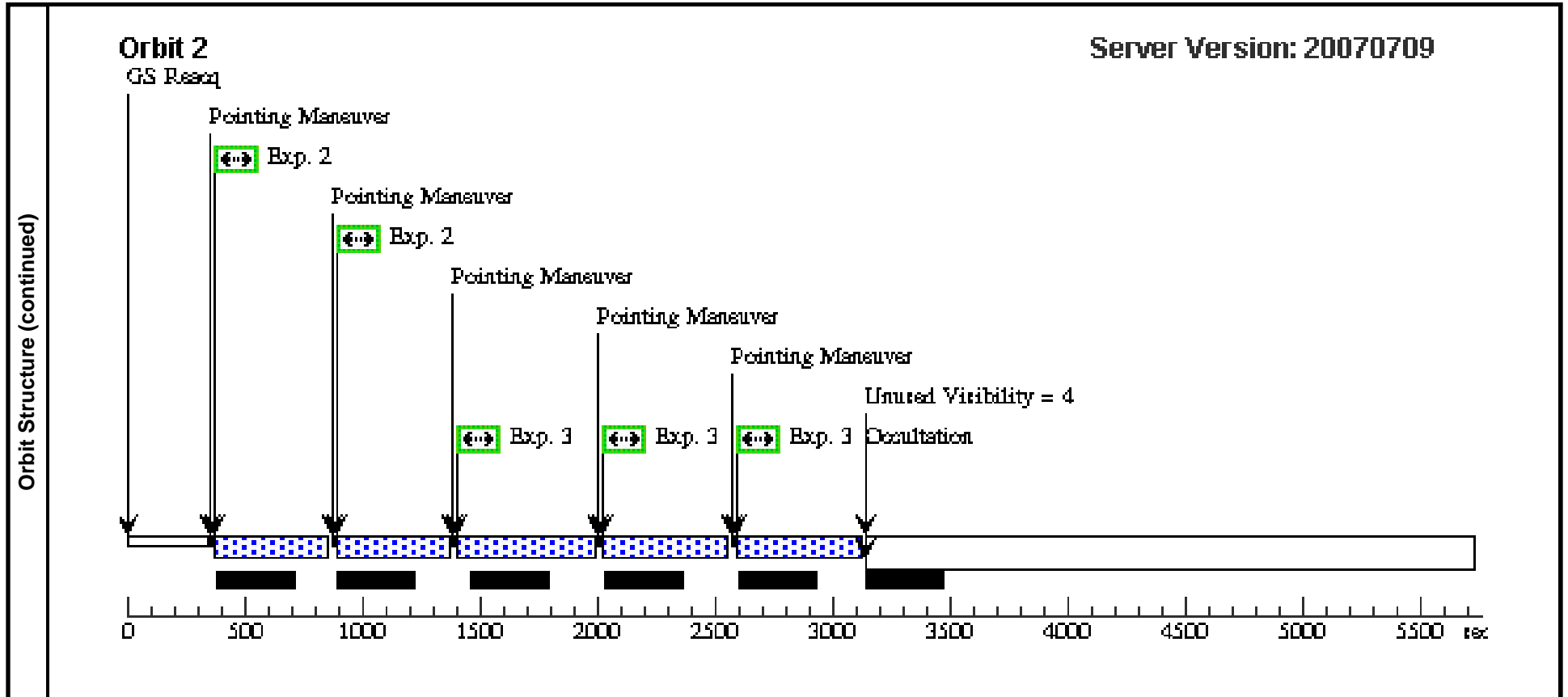


Proposal 10787 - Visit 64 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:29 GMT 2007

Visit	<b>Proposal 10787, Visit 64, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; ORIENT 275.0D TO 280.0 D Comments: <i>BVI images of HCG 42</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(32)	HCG042-TARG2-COPY	RA: 10 00 27.4361 (150.1143171d) Dec: -19 40 16.56 (-19.67127d) Equinox: J2000		V=10.9	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 42	(32) HCG042-TARG 2-COPY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 42	(32) HCG042-TARG 2-COPY	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	360.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 42	(32) HCG042-TARG 2-COPY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

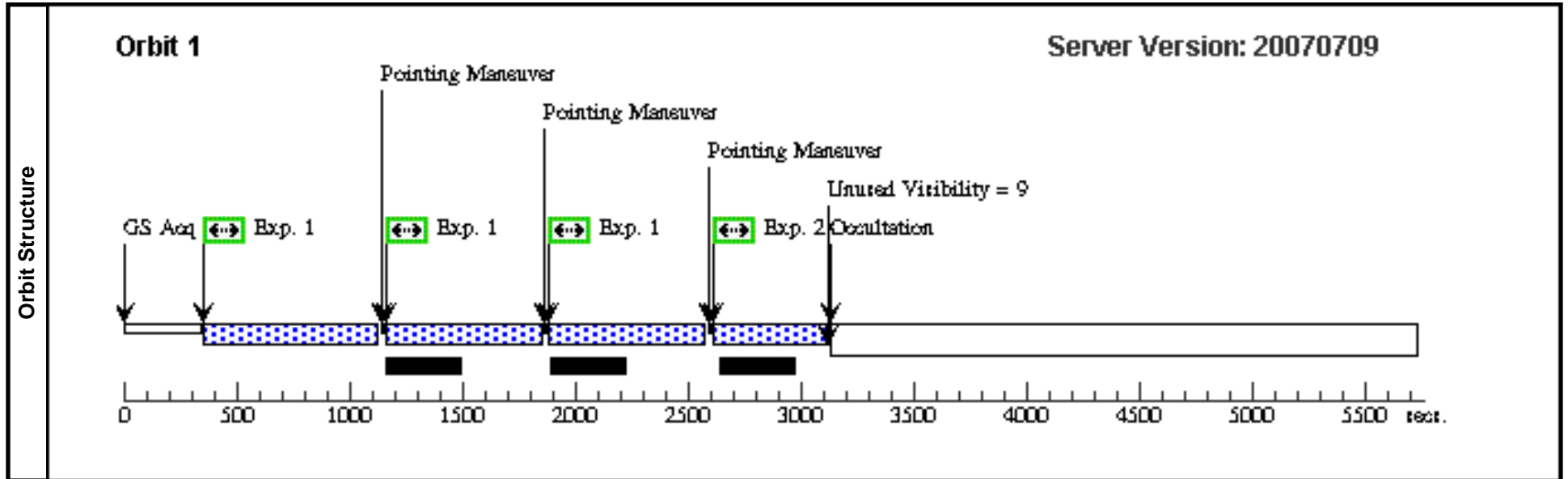


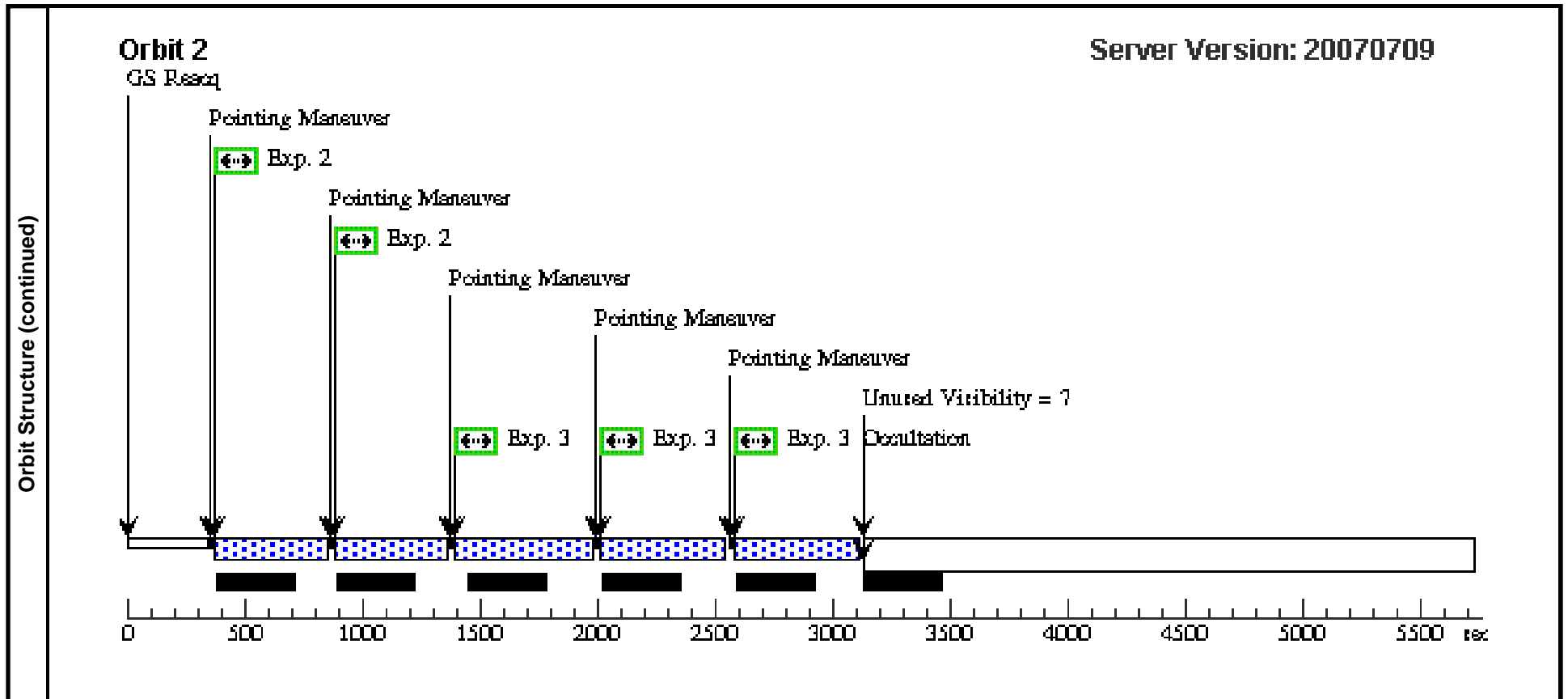


Proposal 10787 - Visit 15 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:29 GMT 2007

Visit	<b>Proposal 10787, Visit 15, completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE Comments: BVI images of HCG 59									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	HCG059-TARG1	RA: 11 48 31.7987 (177.1324946d) Dec: +12 43 12.89 (12.72025d) Equinox: J2000		V=13.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 59	(7) HCG059-TARG1	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 59	(7) HCG059-TARG1	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 59	(7) HCG059-TARG1	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

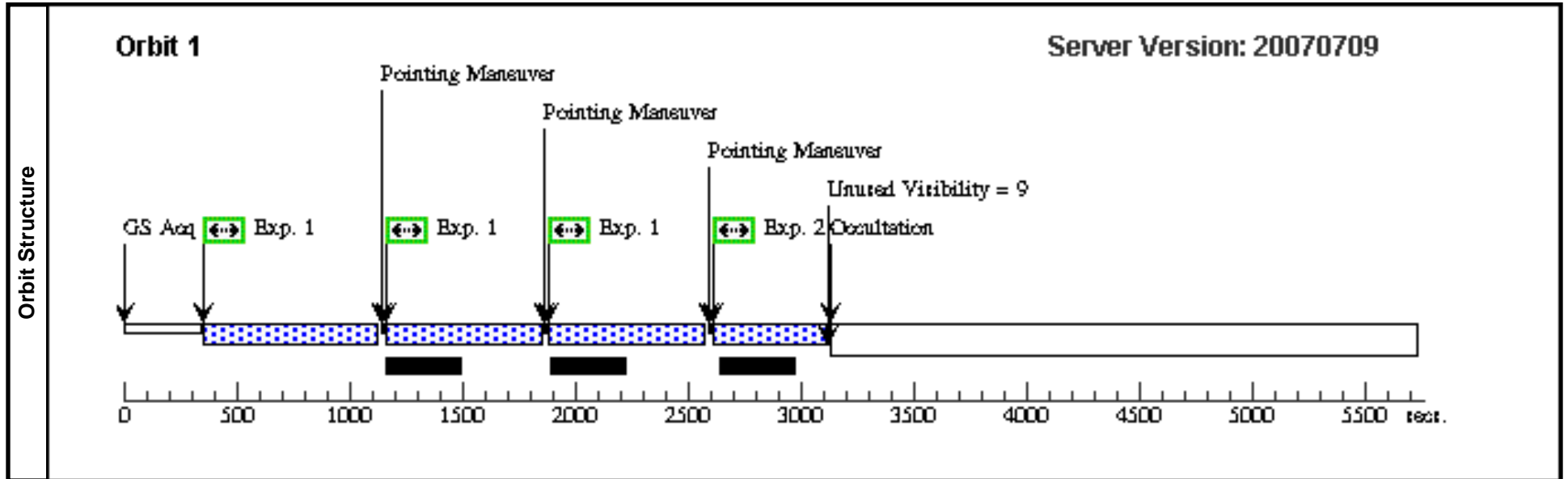


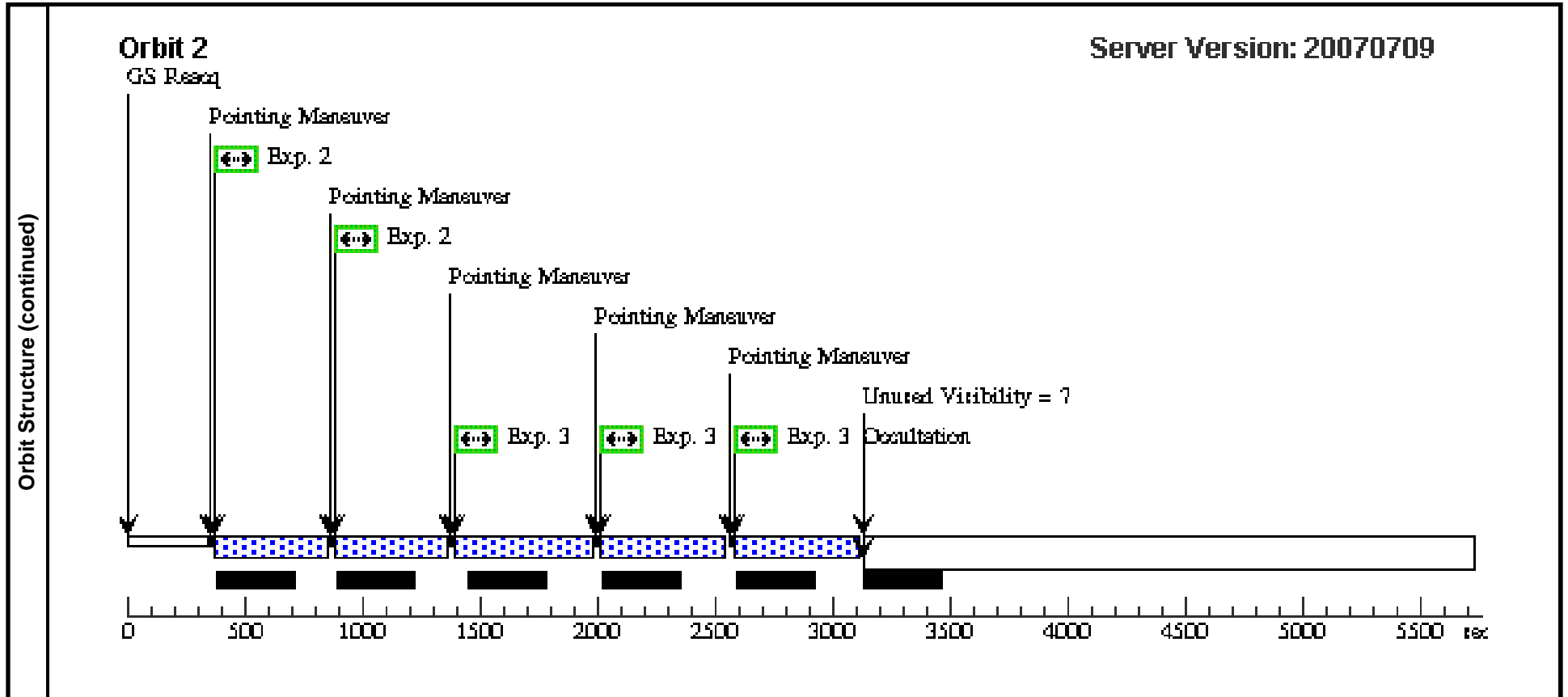


Proposal 10787 - Visit 16 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:30 GMT 2007

Visit	<b>Proposal 10787, Visit 16, completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SAME ORIENT AS 15 Comments: <i>BVI images of HCG 59</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(21)	HCG059-TARG2	RA: 11 48 16.1380 (177.0672417d) Dec: +12 42 49.48 (12.71374d) Equinox: J2000		V=13.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 59	(21) HCG059-TARG 2	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 59	(21) HCG059-TARG 2	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 59	(21) HCG059-TARG 2	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

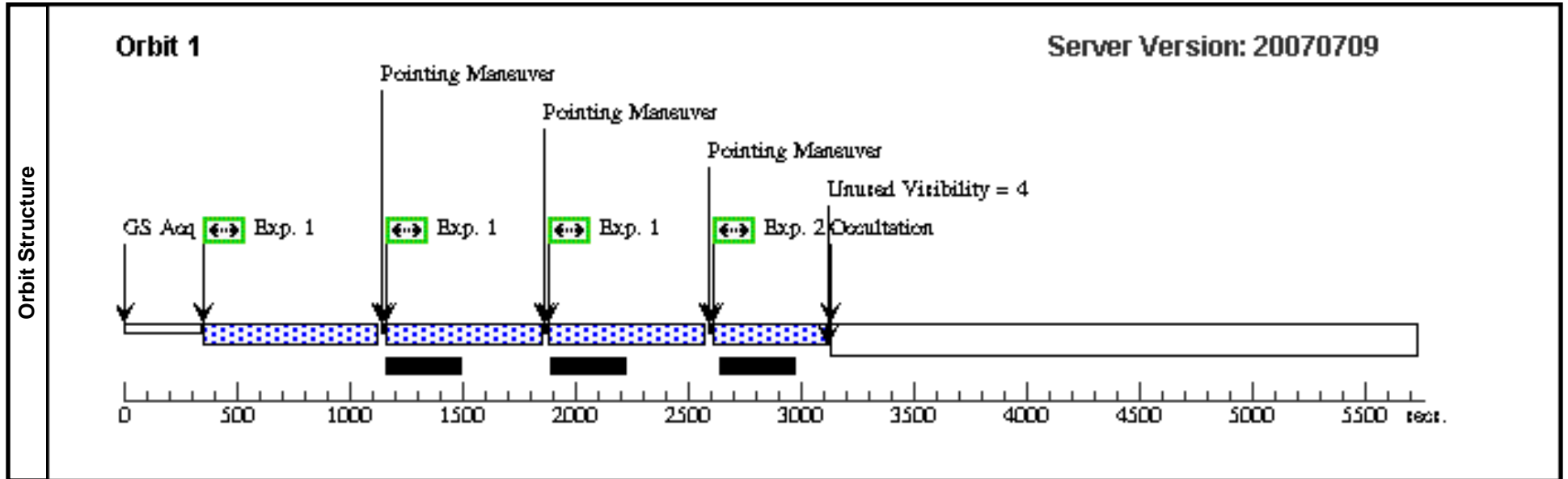


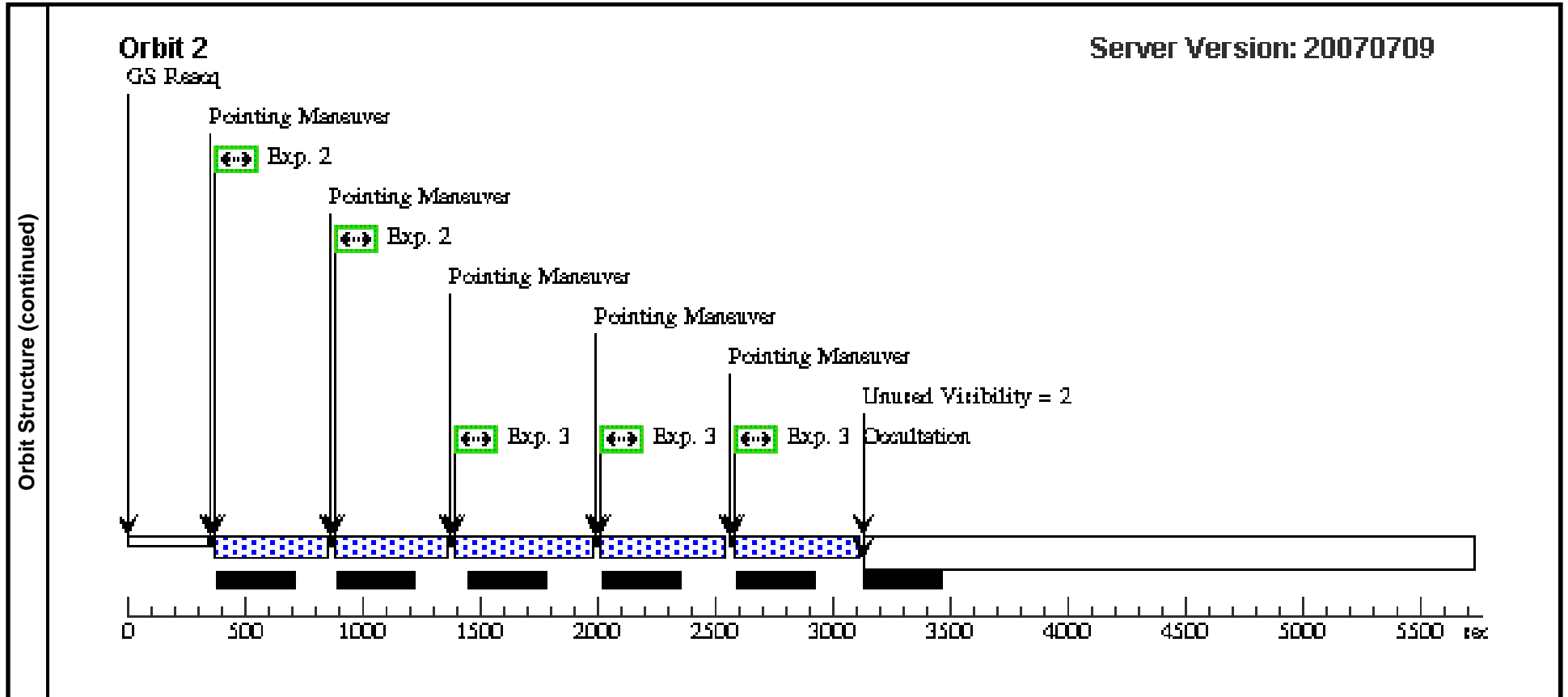


Proposal 10787 - Visit 17 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:30 GMT 2007

Visit	<b>Proposal 10787, Visit 17, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; ORIENT 300.0D TO 330.0 D Comments: <i>BVI images of HCG 62</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(8)	HCG062-TARG1	RA: 12 53 10.0020 (193.2916750d) Dec: -09 12 20.83 (-9.20579d) Equinox: J2000		V=12.4	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 62	(8) HCG062-TARG1	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 62	(8) HCG062-TARG1	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 62	(8) HCG062-TARG1	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

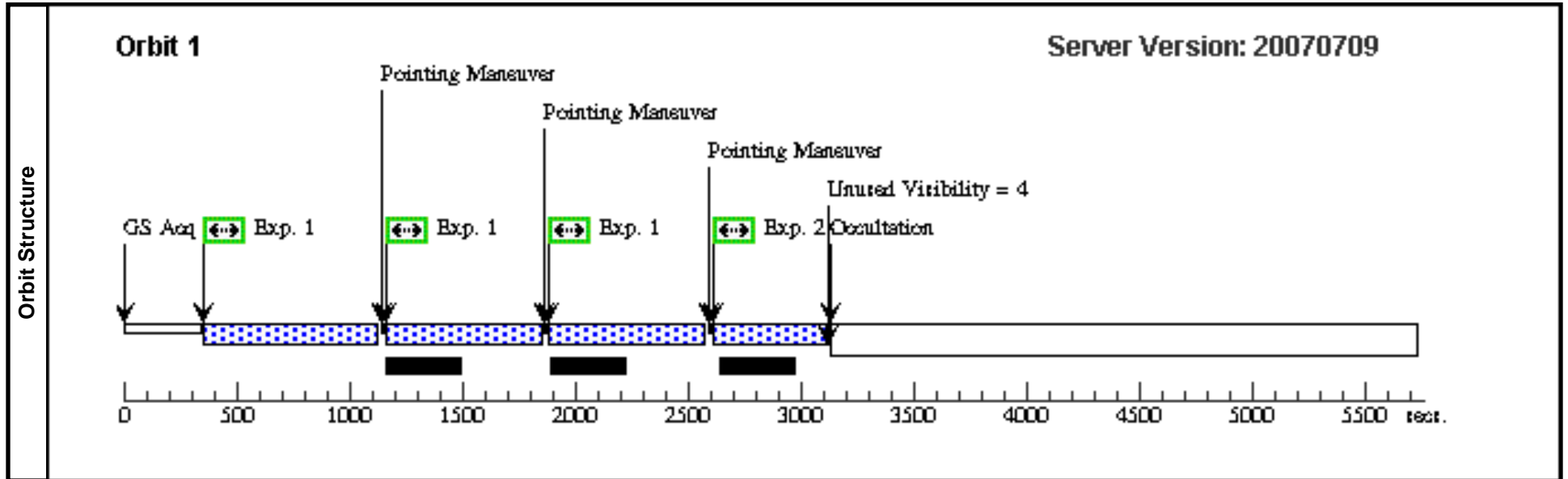


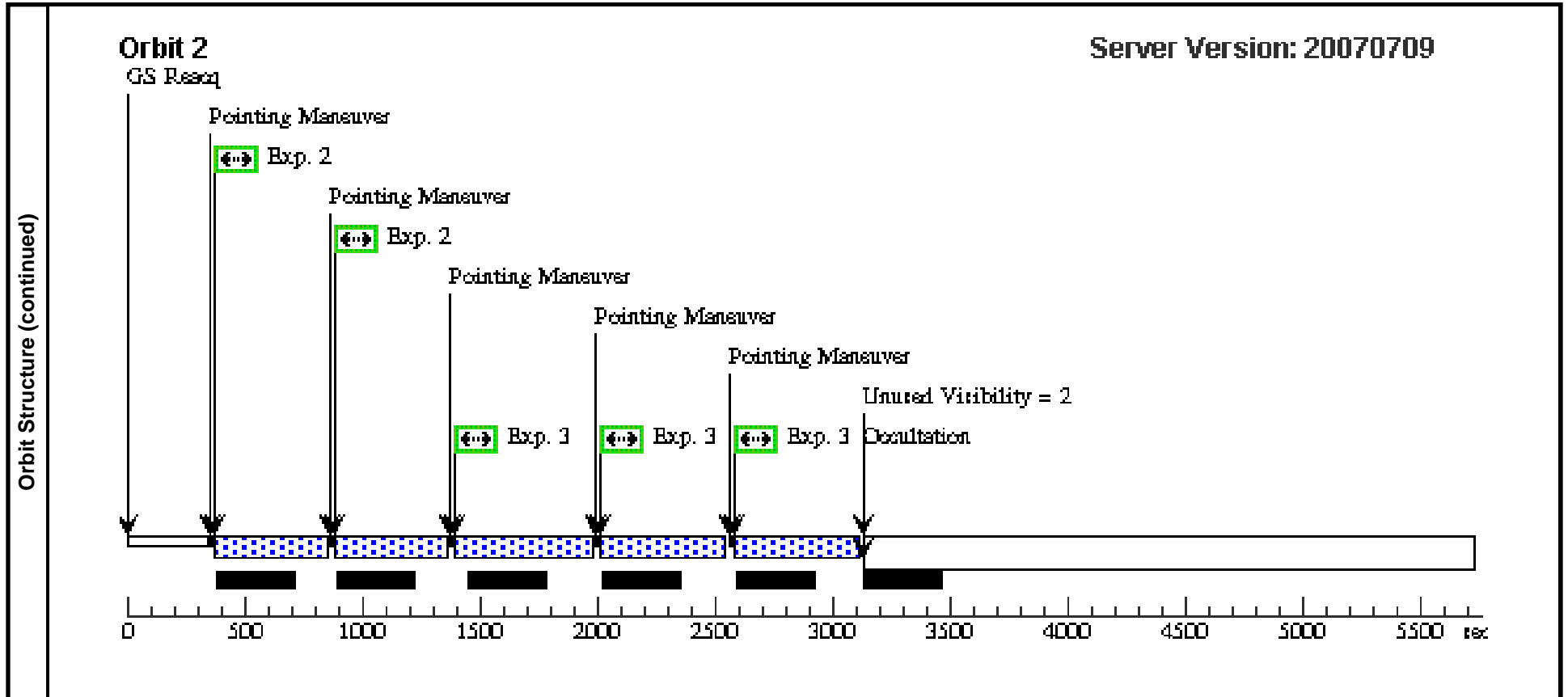


Proposal 10787 - Visit 18 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:30 GMT 2007

Visit	<b>Proposal 10787, Visit 18, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; ORIENT 0.0D TO 1.0D FROM 17 Comments: <i>BVI images of HCG62</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(22)	HCG062-TARG2	RA: 12 53 9.2512 (193.2885467d) Dec: -09 15 20.99 (-9.25583d) Equinox: J2000		V=12.4	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 62	(22) HCG062-TARG 2	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 62	(22) HCG062-TARG 2	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 62	(22) HCG062-TARG 2	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

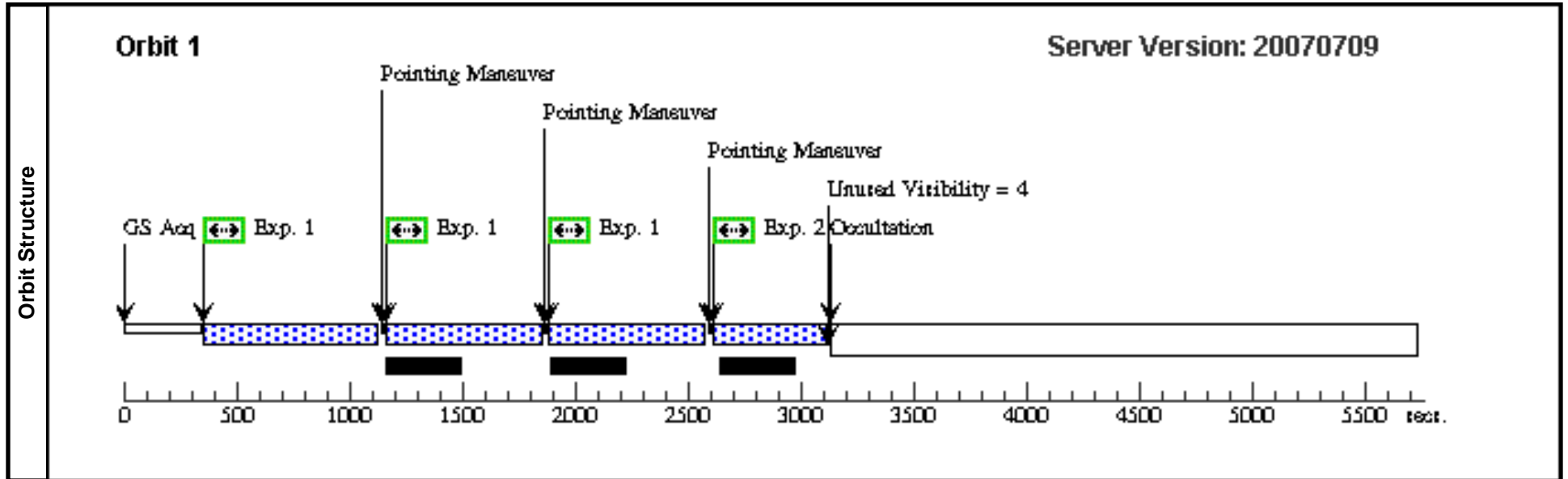


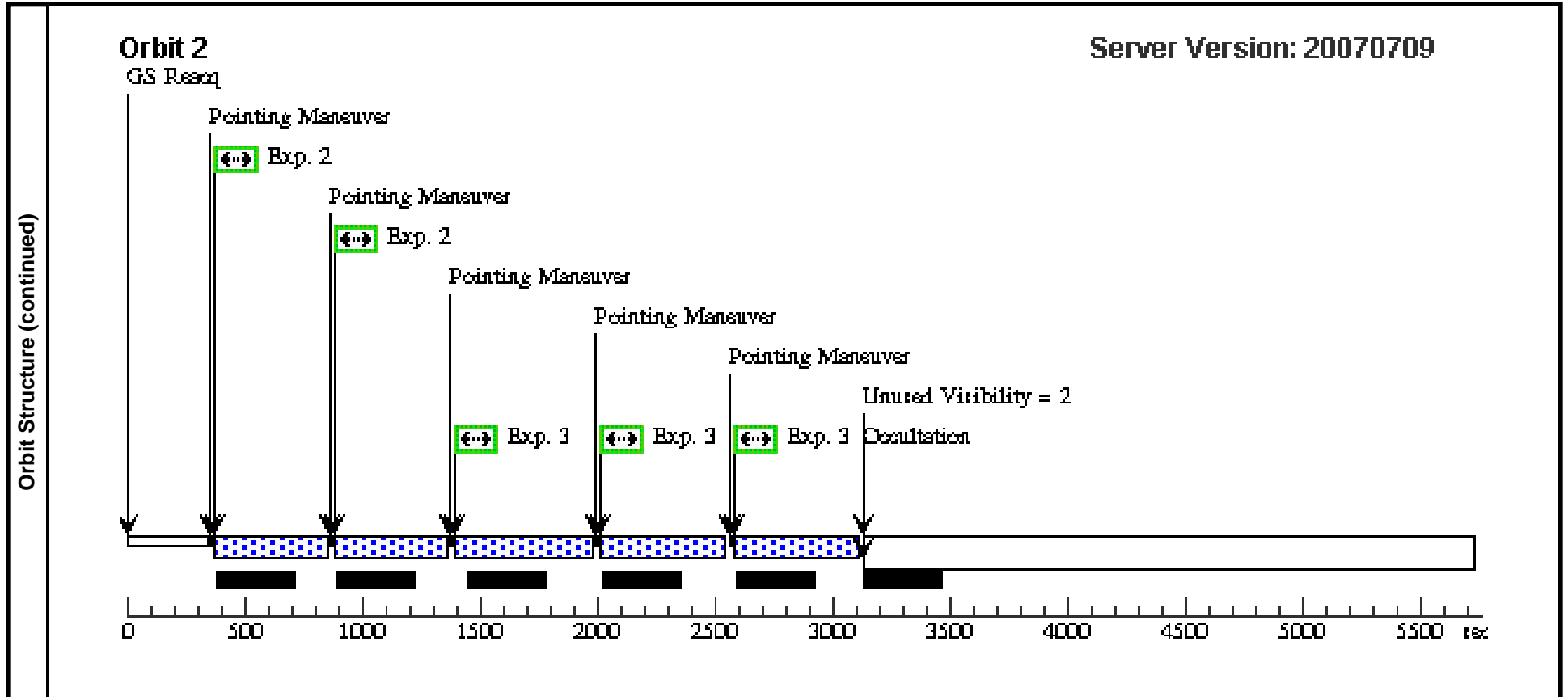


Proposal 10787 - Visit 19 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:31 GMT 2007

Visit	<b>Proposal 10787, Visit 19, completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE Comments: BVI images of HCG 31									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	HCG031	RA: 05 01 40.7890 (75.4199542d) Dec: -04 16 5.95 (-4.26832d) Equinox: J2000		V=14.3	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 31	(9) HCG031	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 31	(9) HCG031	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 31	(9) HCG031	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

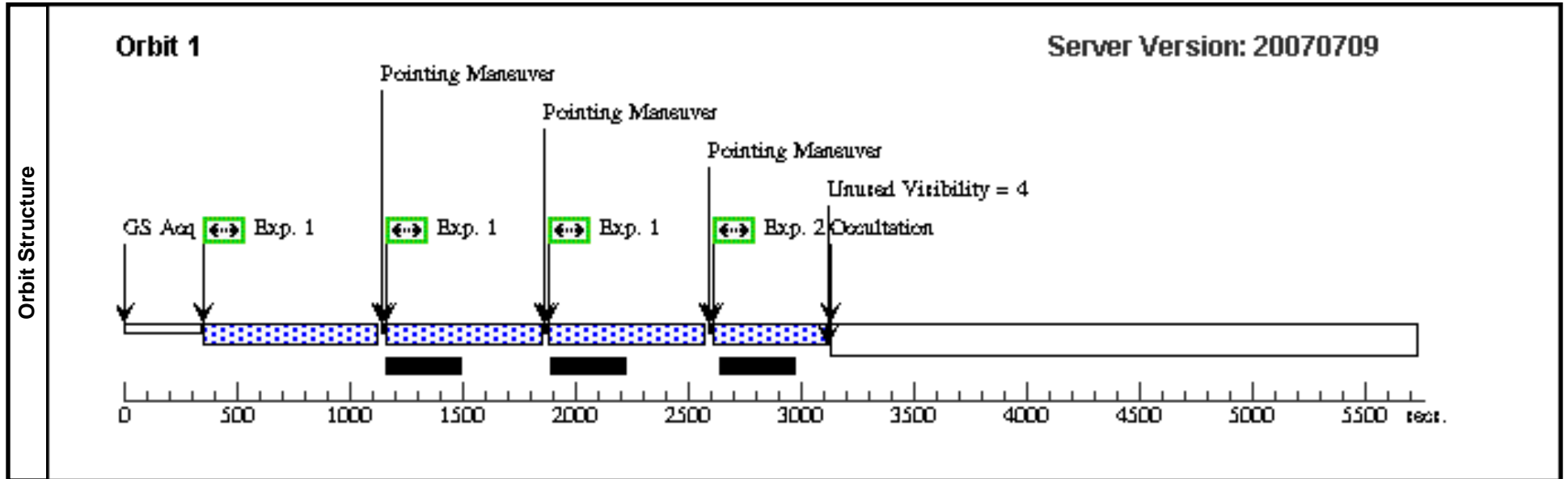


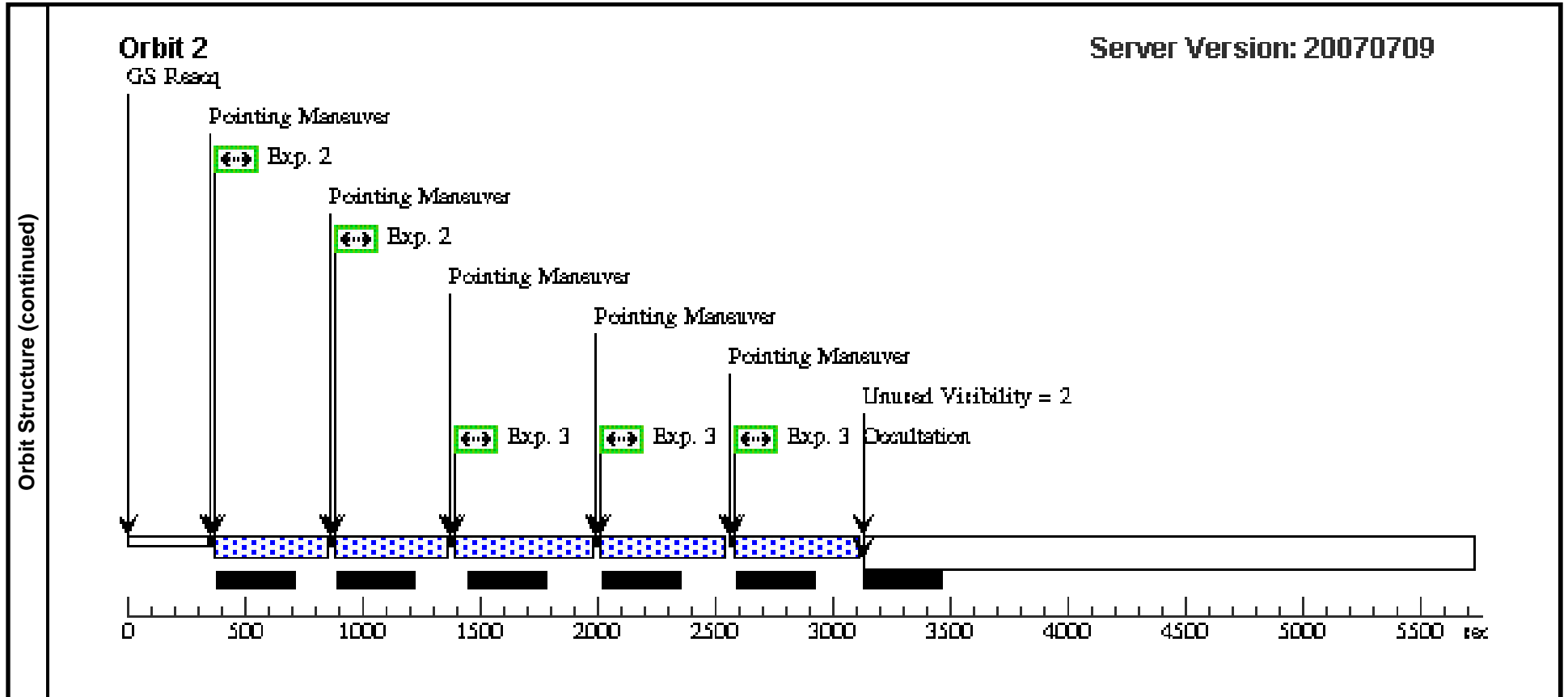


Proposal 10787 - Visit 20 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:31 GMT 2007

Visit		<b>Proposal 10787, Visit 20, completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; ORIENT 230.0D TO 255.0 D Comments: <i>BVI images of HCG 7</i>								
Patterns	#	Primary Pattern		Secondary Pattern			Exposures			
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false				(1), (2), (3)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	HCG007-TARG1	RA: 00 39 15.7049 (9.8154371d) Dec: +00 52 54.53 (.88181d) Equinox: J2000		V=12.1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B iamges - HCG 7	(10) HCG007-TARG 1	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 7	(10) HCG007-TARG 1	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 7	(10) HCG007-TARG 1	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

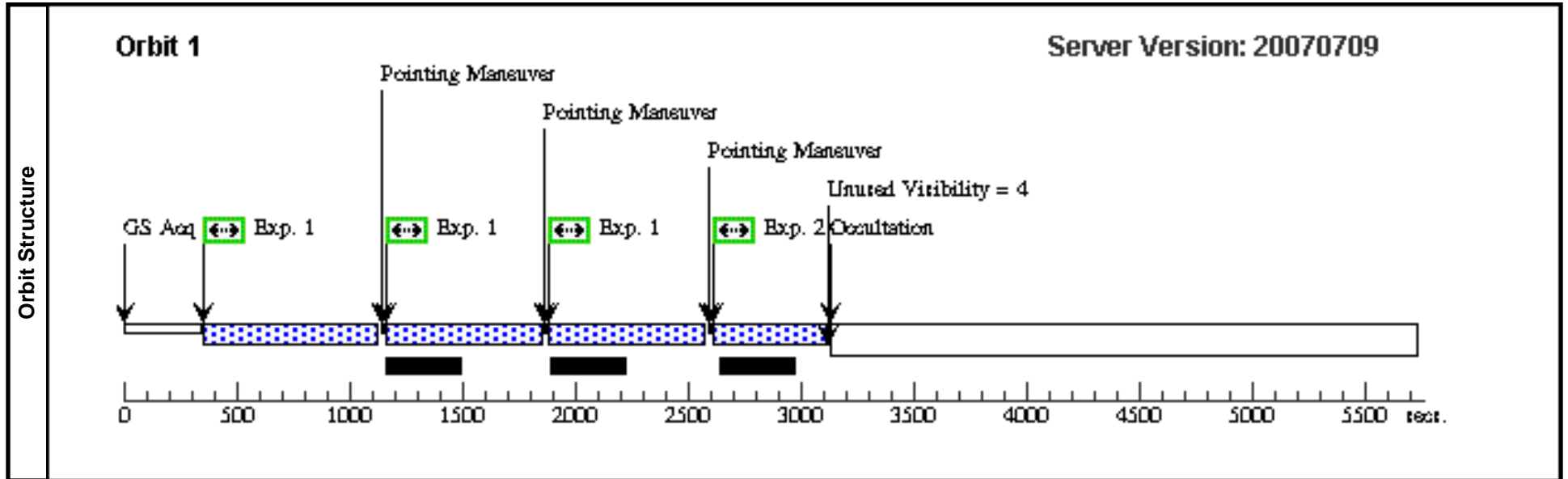


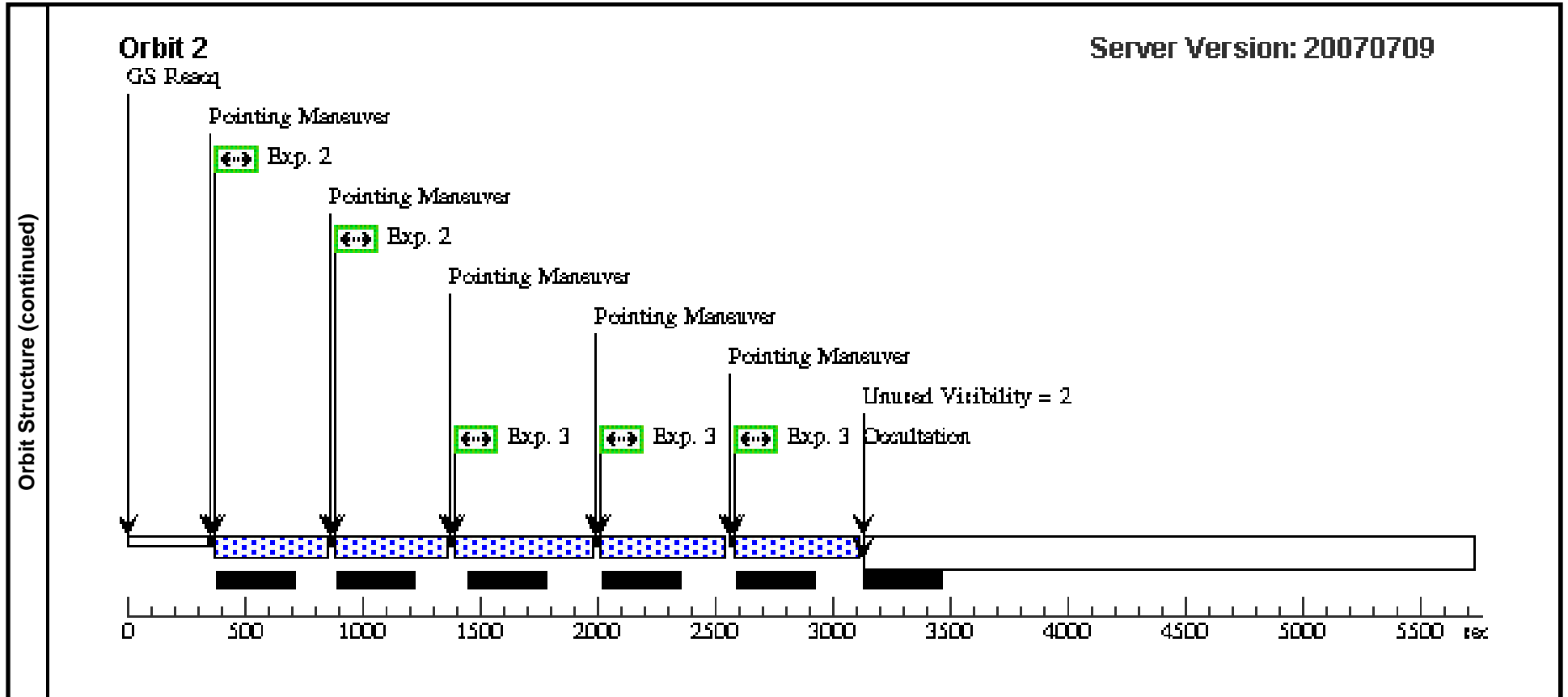


Proposal 10787 - Visit 21 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:32 GMT 2007

Visit	<b>Proposal 10787, Visit 21, completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; ORIENT -30.0D TO 30.0D FROM 20 Comments: <i>BVI images of HCG 7</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(23)	HCG007-TARG2	RA: 00 39 31.0537 (9.8793904d) Dec: +00 51 47.58 (.86322d) Equinox: J2000		V=12.1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 21	(23) HCG007-TARG 2	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 7	(23) HCG007-TARG 2	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 7	(23) HCG007-TARG 2	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

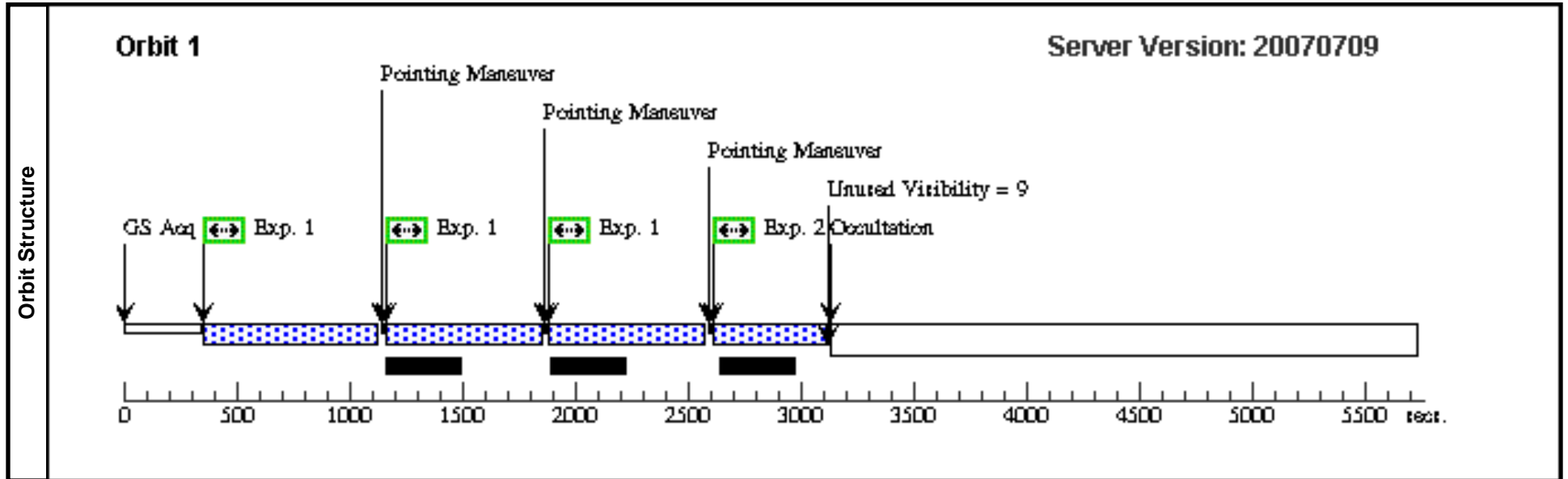


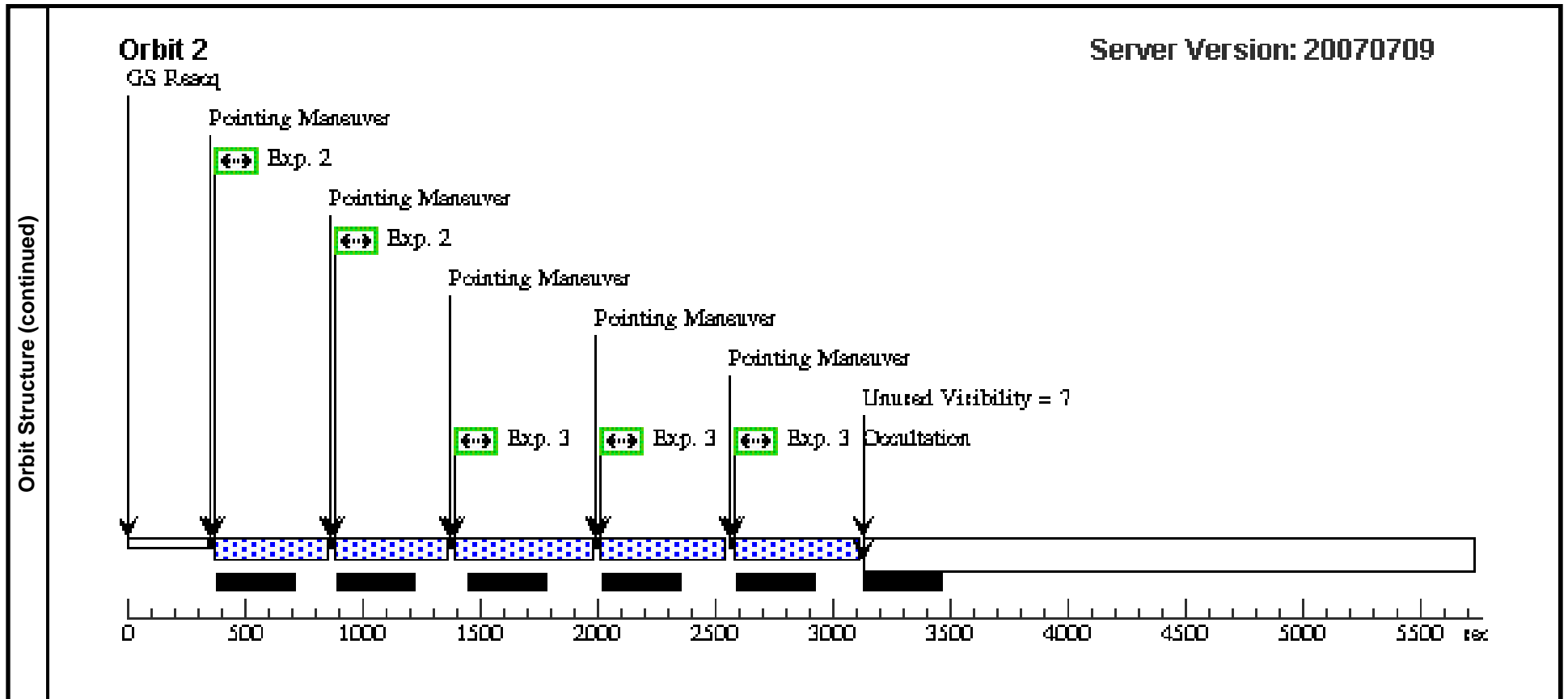


Proposal 10787 - Visit 22 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:32 GMT 2007

Visit	<b>Proposal 10787, Visit 22, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE Comments: BVI images of HCG 19									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	HCG019-TARG1	RA: 02 42 40.5870 (40.6691125d) Dec: -12 26 5.35 (-12.43482d) Equinox: J2000		V=13.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 19	(11) HCG019-TARG 1	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs	
									[=>(Pattern 1)]	[1]
									[=>(Pattern 2)]	
								[=>(Pattern 3)]		
2	I images - HCG 19	(11) HCG019-TARG 1	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs		
								[=>(Pattern 1)]	[1]	
								[=>(Pattern 2)]	[2]	
								[=>(Pattern 3)]		
3	V images - HCG 19	(11) HCG019-TARG 1	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs		
								[=>(Pattern 1)]		
								[=>(Pattern 2)]	[2]	
								[=>(Pattern 3)]		

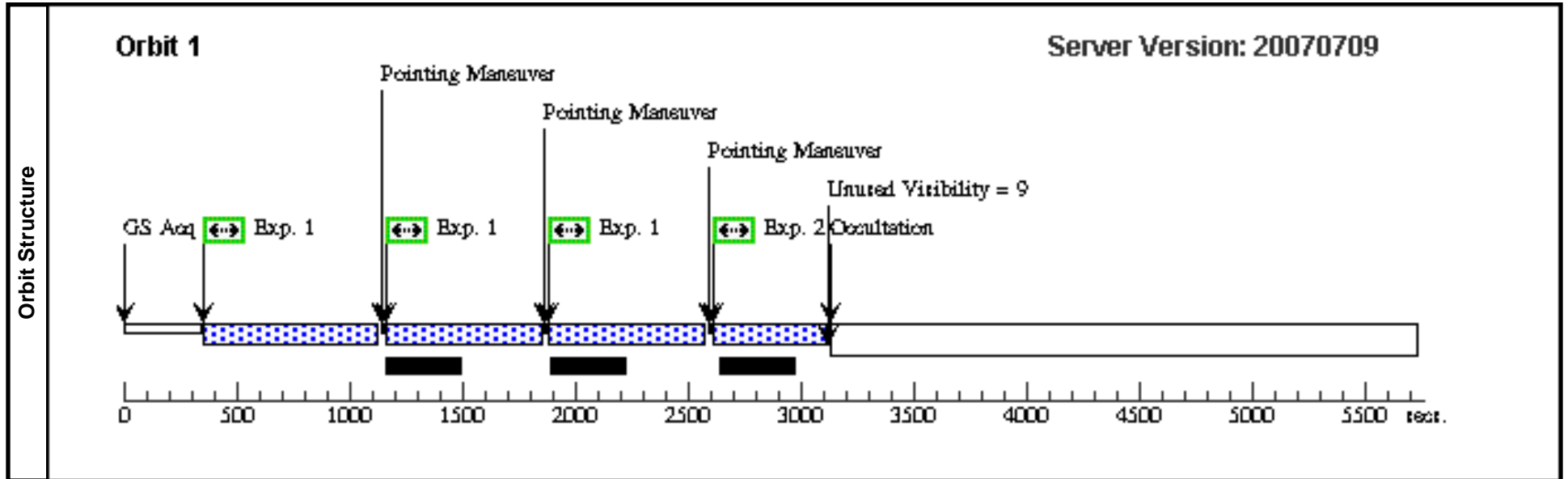


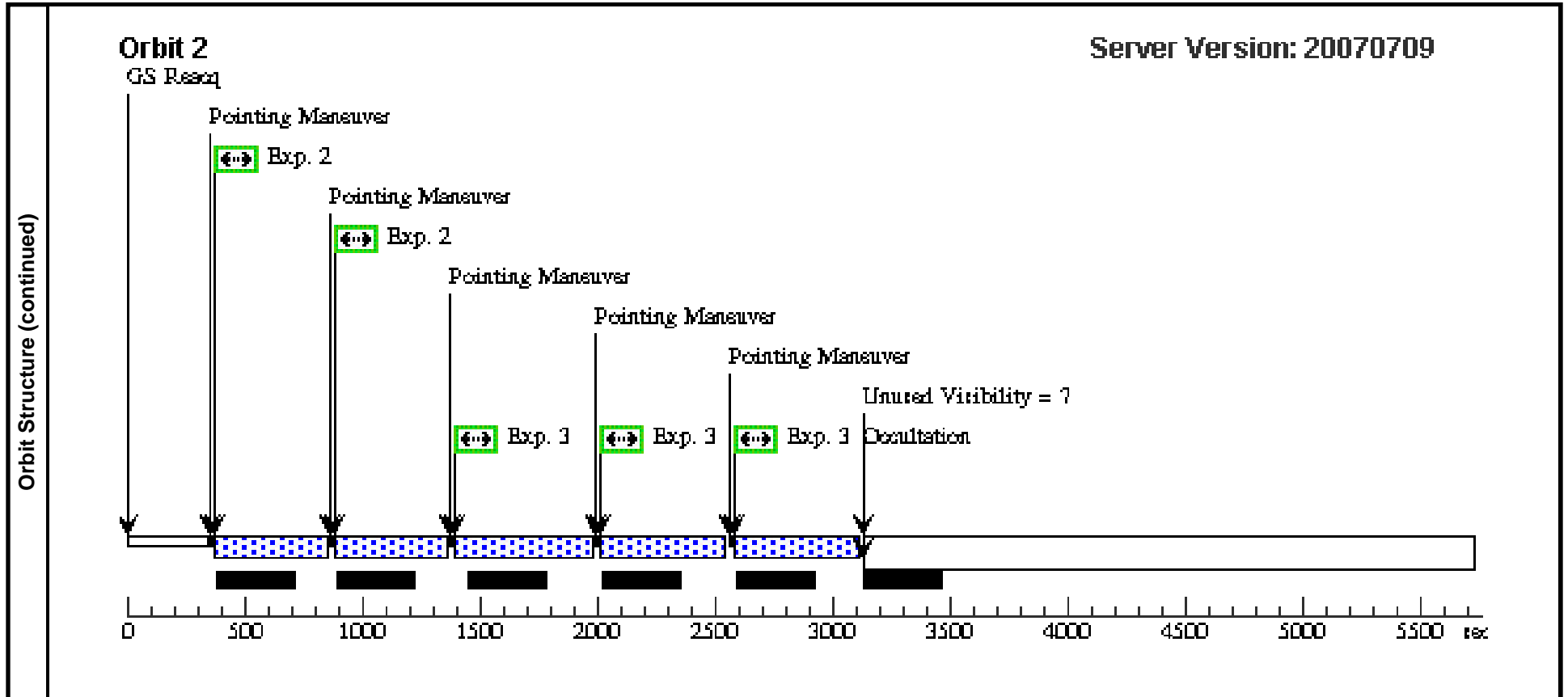


Proposal 10787 - Visit 23 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:32 GMT 2007

Visit	<b>Proposal 10787, Visit 23, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SAME ORIENT AS 22 Comments: <i>BVI images of HCG 19</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(24)	HCG019-TARG2	RA: 02 42 50.3419 (40.7097579d) Dec: -12 23 48.02 (-12.39667d) Equinox: J2000		V=13.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 19	(24) HCG019-TARG 2	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 19	(24) HCG019-TARG 2	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 19	(24) HCG019-TARG 2	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

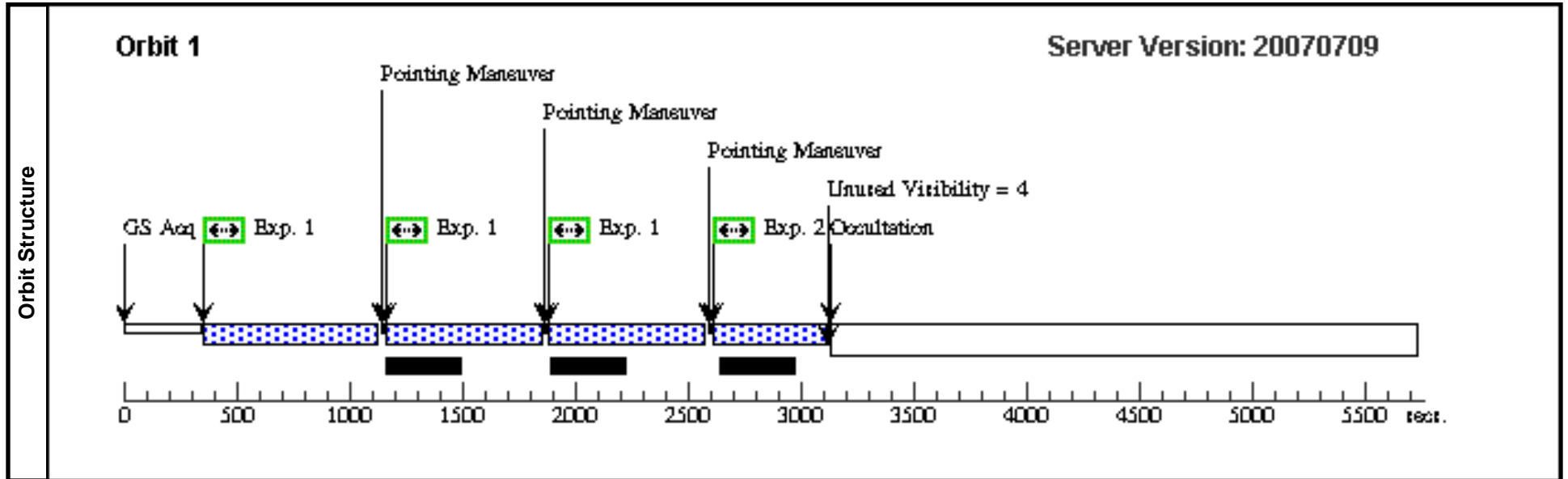


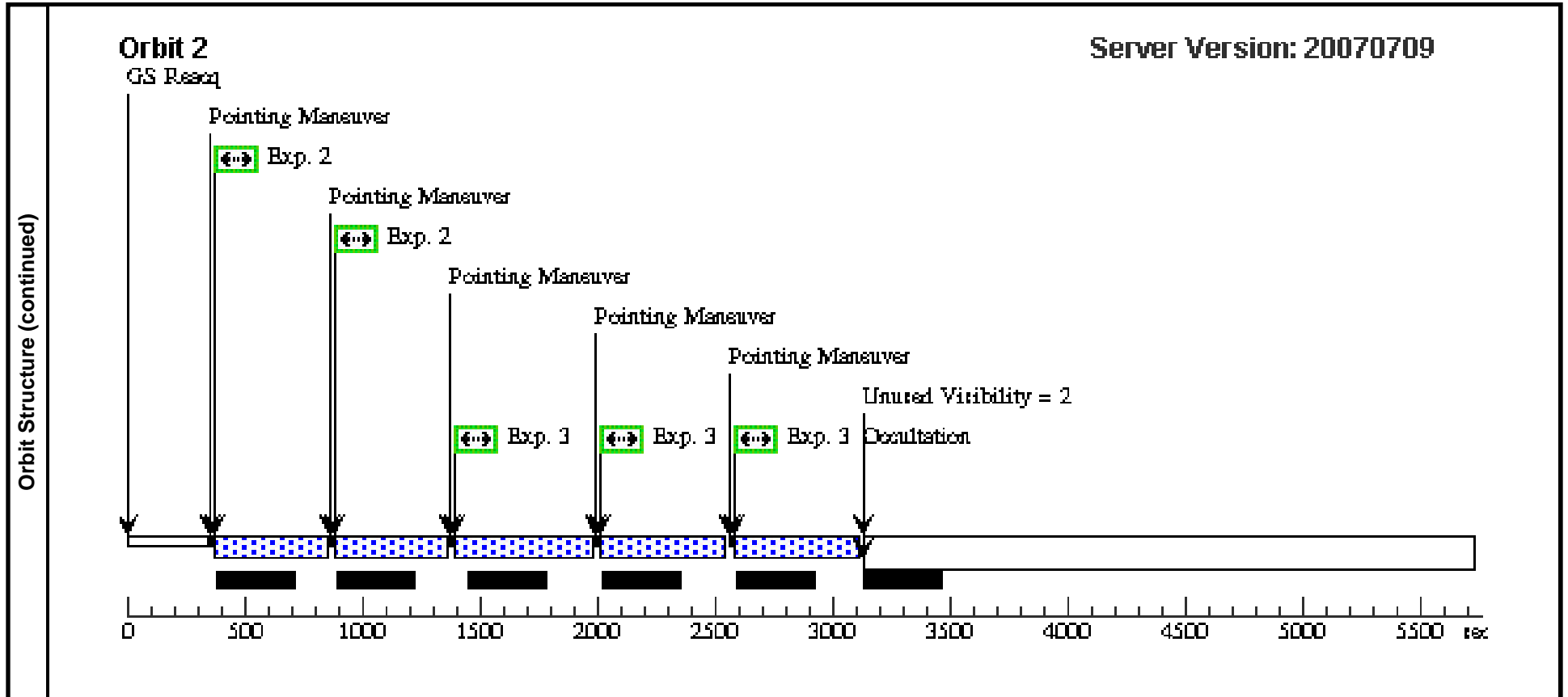


Proposal 10787 - Visit 24 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:33 GMT 2007

Visit	<b>Proposal 10787, Visit 24, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE Comments: BVI images of HCG 2									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false					(1), (2), (3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(12)	HCG002-TARG1	RA: 00 31 21.2351 (7.8384796d) Dec: +08 27 57.50 (8.46597d) Equinox: J2000		V=12.9	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 2	(12) HCG002-TARG 1	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 2	(12) HCG002-TARG 1	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 2	(12) HCG002-TARG 1	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]

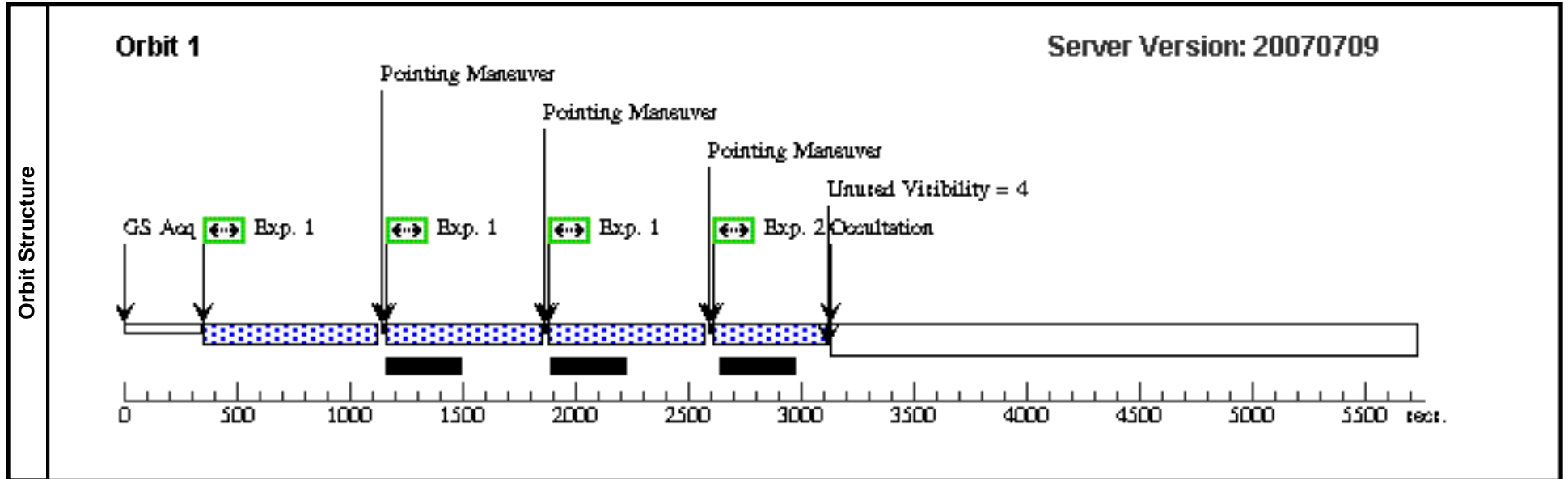


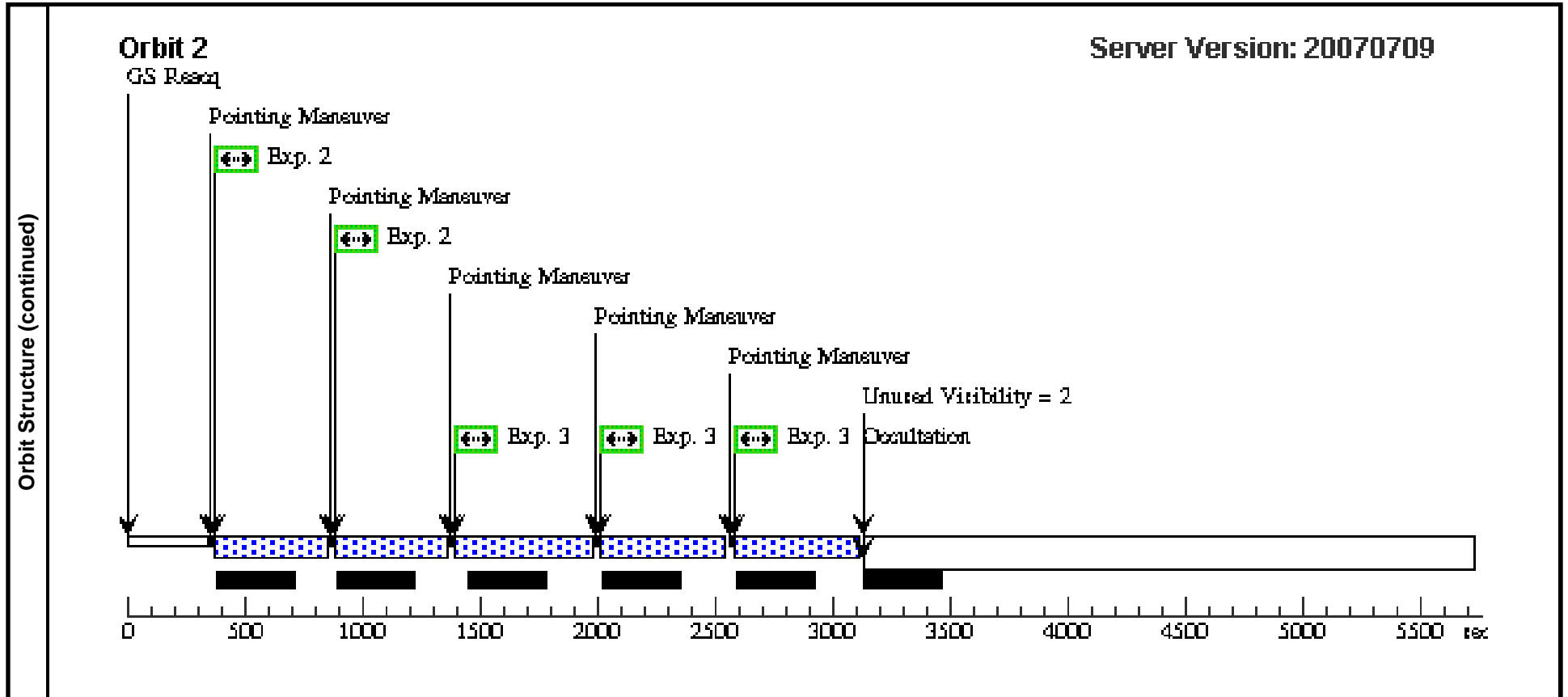


Proposal 10787 - Visit 25 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:33 GMT 2007

Visit	<b>Proposal 10787, Visit 25, withdrawn</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SAME ORIENT AS 24 Comments: <i>BVI images of HCG 2</i>									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.138 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=32.99 Angle Between Sides= Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(25)	HCG002-TARG2	RA: 00 31 25.6379 (7.8568246d) Dec: +08 24 46.56 (8.41293d) Equinox: J2000		V=12.9	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	B images - HCG 2	(25) HCG002-TARG 2	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=NO; GAIN=2	POS TARG 0,0	Pattern 1-1 (1)	570.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	I images - HCG 2	(25) HCG002-TARG 2	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO; GAIN=2		Pattern 2-2 (1)	355.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1] [2]
	3	V images - HCG 2	(25) HCG002-TARG 2	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO; GAIN=2		Pattern 3-3 (1)	410.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[2]





<b>Visit</b>	Proposal 10787, Visit 26, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE Comments: H-alpha and U-band images of HCG 2										
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
(26)		HCG002-TARG3	RA: 00 31 23.8500 (7.8493750d) Dec: +08 27 59.60 (8.46656d) Equinox: J2000		V=12.9	Reference Frame: ICRS					
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	U band (1+2 ) - HCG 2	(26) HCG002-TARG 3	WFPC2, IMAGE, WF3-FIX	F336W	CR-SPLIT=0.5			1400.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]	
2	U band (3) - HCG 2	(26) HCG002-TARG 3	WFPC2, IMAGE, WF3-FIX	F336W	CR-SPLIT=NO	POS TARG 0.2,0.2		700.0 Secs [=>]	[1]		
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;">Server Version: 20070709</span></p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. A blue dotted bar indicates the observation period from approximately 400s to 3100s. Key events are marked with arrows and labels: GS Acq at 0s, Exp. 1 split 1 at ~400s, Exp. 1 split 2 at ~1400s, Overhead and Pointing Manuever at ~2000s, Exp. 2 at ~2300s, Overhead and Unused Visibility = 77 at ~3100s, and Occultation at ~3200s. Green boxes with double arrows highlight the exposure times for Exp. 1 split 1, Exp. 1 split 2, and Exp. 2.</p>										

Proposal 10787 - Visit 27 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:34 GMT 2007

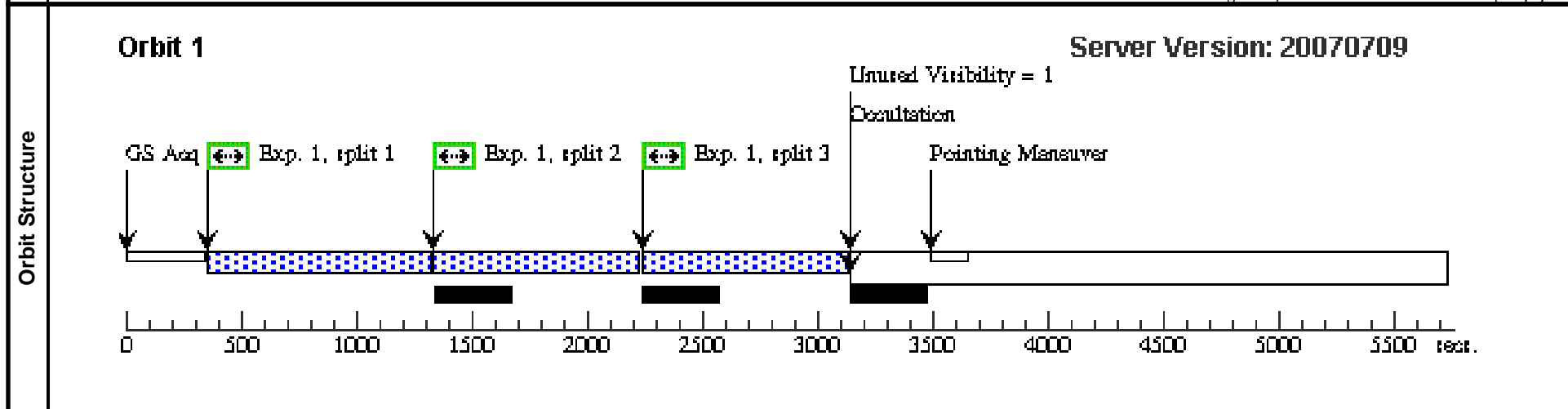
<b>Visit</b>	Proposal 10787, Visit 27, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; ORIENT 260.0D TO 320.0 D Comments: H-alpha and U-band images of HCG 7										
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
(27)		HCG007-TARG3	RA: 00 39 13.3200 (9.8055000d) Dec: +00 51 50.23 (.86395d) Equinox: J2000		V=12.1	Reference Frame: ICRS					
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	H-alpha - H CG 7	(27) HCG007-TARG 3	ACS/WFC, ACCUM, WFC2-MRAMP	FR656N 6655.0 A	CR-SPLIT=3; GAIN=2			2280.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]	
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;">Server Version: 20070709</span></p> <p>Timeline labels: GS Acq, Exp. 1, split 1, Exp. 1, split 2, Exp. 1, split 3, Occultation, Unused Visibility = 7</p> <p>X-axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec</p>										

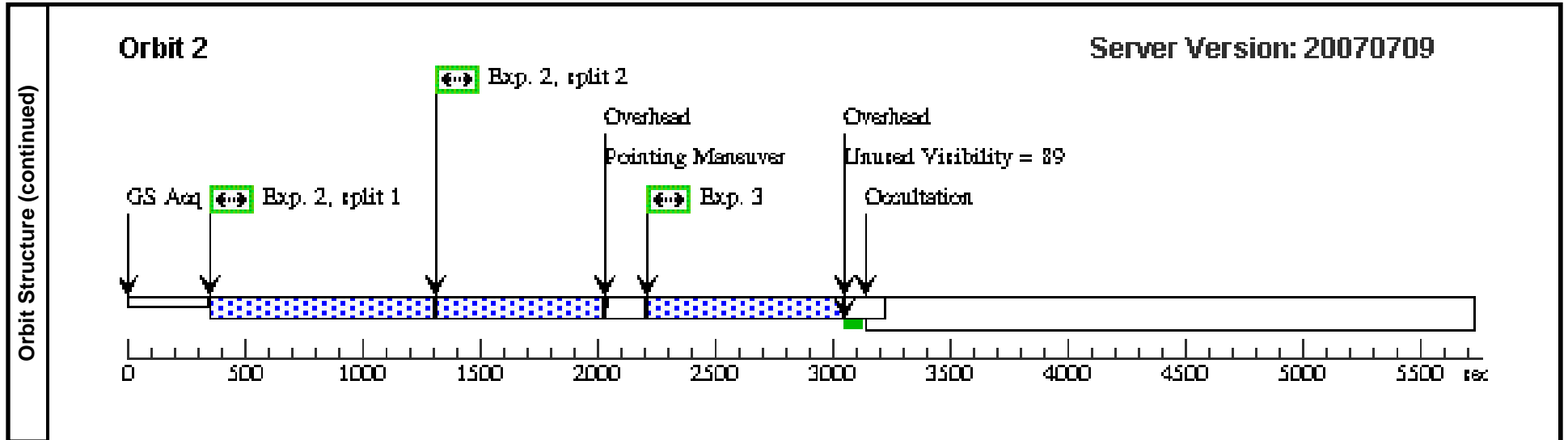
<b>Visit</b>	<b>Proposal 10787, Visit 32, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE <i>Comments: H-alpha and U-band images of HCG 7</i>									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(27)		HCG007-TARG3	RA: 00 39 13.3200 (9.8055000d) Dec: +00 51 50.23 (.86395d) Equinox: J2000		V=12.1	Reference Frame: ICRS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	U-band (1+2 ) - HCG 7	(27) HCG007-TARG 3	WFPC2, IMAGE, WF3-FIX	F336W	CR-SPLIT=0.5	POS TARG 0,0		1400.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]
	2	U band (3) - HCG 7	(27) HCG007-TARG 3	WFPC2, IMAGE, WF3-FIX	F336W	CR-SPLIT=NO	POS TARG 0.2,0.2		700.0 Secs [=>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20070709</b></span></p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. A blue dotted bar indicates the observation period from approximately 400s to 3100s. Key events are marked with arrows and labels: GS Acq at 0s, Exp. 1 split 1 at ~400s, Exp. 1 split 2 at ~1400s, Overhead and Pointing Maneuver at ~2000s, Exp. 2 at ~2300s, Unused Visibility = 77 at ~3000s, and Occultation at ~3100s. Green boxes with double arrows highlight the exposure times for Exp. 1 split 1, Exp. 1 split 2, and Exp. 2.</p>									

<b>Visit</b>	<b>Proposal 10787, Visit 28, failed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC, WFPC2 Special Requirements: PCS MODE FINE Comments: H-alpha and U-band images of HCG 22				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(28)	HCG022-TARG3	RA: 03 03 24.2500 (45.8510417d) Dec: -15 37 22.12 (-15.62281d) Equinox: J2000		V=11.1	Reference Frame: ICRS

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	H-alpha - H CG 22	(28) HCG022-TARG 3	ACS/WFC, ACCUM, WFC2-MRAMP	FR656N 6625.0 A	CR-SPLIT=3; GAIN=2			2298.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	2	U-band (1+2) - HCG 22	(28) HCG022-TARG 3	WFPC2, IMAGE, WF3-FIX	F336W	CR-SPLIT=0.5			1400.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]
	3	U-band (3) - HCG 22	(28) HCG022-TARG 3	WFPC2, IMAGE, WF3-FIX	F336W	CR-SPLIT=NO	POS TARG 0.2,0.2		700.0 Secs [==>]	[2]





Proposal 10787 - Visit 68 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:34 GMT 2007

<b>Visit</b>	Proposal 10787, Visit 68, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE Comments: H-alpha and U-band images of HCG 22 This is a repeat of failed visit 28.									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(28)		HCG022-TARG3	RA: 03 03 24.2500 (45.8510417d) Dec: -15 37 22.12 (-15.62281d) Equinox: J2000		V=11.1	Reference Frame: ICRS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	U-band (1+2 ) - HCG 22	(28) HCG022-TARG 3	WFPC2, IMAGE, WF3-FIX	F336W	CR-SPLIT=0.5			1400.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	2	U-band (3) - HCG 22	(28) HCG022-TARG 3	WFPC2, IMAGE, WF3-FIX	F336W	CR-SPLIT=NO	POS TARG 0.2,0.2		700.0 Secs [==>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20070709</b></span></p> <p>Timeline labels: GS Acq, Exp. 1, split 1, Exp. 1, split 2, Pointing Maneuver, Overhead, Exp. 2, Occultation, Overhead, Unused Visibility = 89.</p> <p>X-axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec</p>									

<b>Visit</b>	<b>Proposal 10787, Visit 29, failed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE <i>Comments: H-alpha and U-band images of HCG 90</i>									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(29)		HCG090-TARG4	RA: 22 02 6.6300 (330.5276250d) Dec: -31 59 30.61 (-31.99184d) Equinox: J2000		V=10.1	Reference Frame: ICRS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	U-band (1+2 ) - HCG 90	(29) HCG090-TARG 4	WFPC2, IMAGE, WF3-FIX	F336W	CR-SPLIT=0.5			1400.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]
2	U-band (3) - HCG 90	(29) HCG090-TARG 4	WFPC2, IMAGE, WF3-FIX	F336W	CR-SPLIT=NO	POS TARG 0.2,0.2		700.0 Secs [=>]	[1]	
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20070709</b></span></p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. A blue dotted bar represents the observation period, starting at approximately 400 seconds and ending at approximately 3100 seconds. Key events are marked with arrows and labels: 'GS Acq' at 0s, 'Exp. 1, split 1' at ~400s, 'Exp. 1, split 2' at ~1400s, 'Pointing Maneuver Overhead' at ~2000s, 'Exp. 2' at ~2300s, 'Unused Visibility = 97' at ~3100s, and 'Occultation' at ~3200s. Green boxes with double arrows highlight the exposure times for 'Exp. 1, split 1', 'Exp. 1, split 2', and 'Exp. 2'.</p>									

<b>Visit</b>	<b>Proposal 10787, Visit 69, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE <i>Comments: H-alpha and U-band images of HCG 90</i>									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>			<b>Fluxes</b>	<b>Miscellaneous</b>		
	(29)	HCG090-TARG4	RA: 22 02 6.6300 (330.5276250d) Dec: -31 59 30.61 (-31.99184d) Equinox: J2000				V=10.1	Reference Frame: ICRS		
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	U-band (1+2 ) - HCG 90	(29) HCG090-TARG 4	WFPC2, IMAGE, WF3-FIX	F336W	CR-SPLIT=0.5			1400.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]
2	U-band (3) - HCG 90	(29) HCG090-TARG 4	WFPC2, IMAGE, WF3-FIX	F336W	CR-SPLIT=NO	POS TARG 0.2,0.2		700.0 Secs [=>]	[1]	
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20070709</b></span></p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. A blue dotted bar indicates the observation period from approximately 400s to 3100s. Key events are marked with arrows and labels: GS Acq at 0s, Exp. 1 split 1 at ~400s, Exp. 1 split 2 at ~1400s, Pointing Maneuver at ~2000s, Exp. 2 at ~2300s, Overhead at ~2500s, Unused Visibility = 97 at ~3000s, and Occultation at ~3100s. Green boxes with double arrows highlight the exposure times for Exp. 1 split 1, Exp. 1 split 2, and Exp. 2.</p>									

Proposal 10787 - Visit 31 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:35 GMT 2007

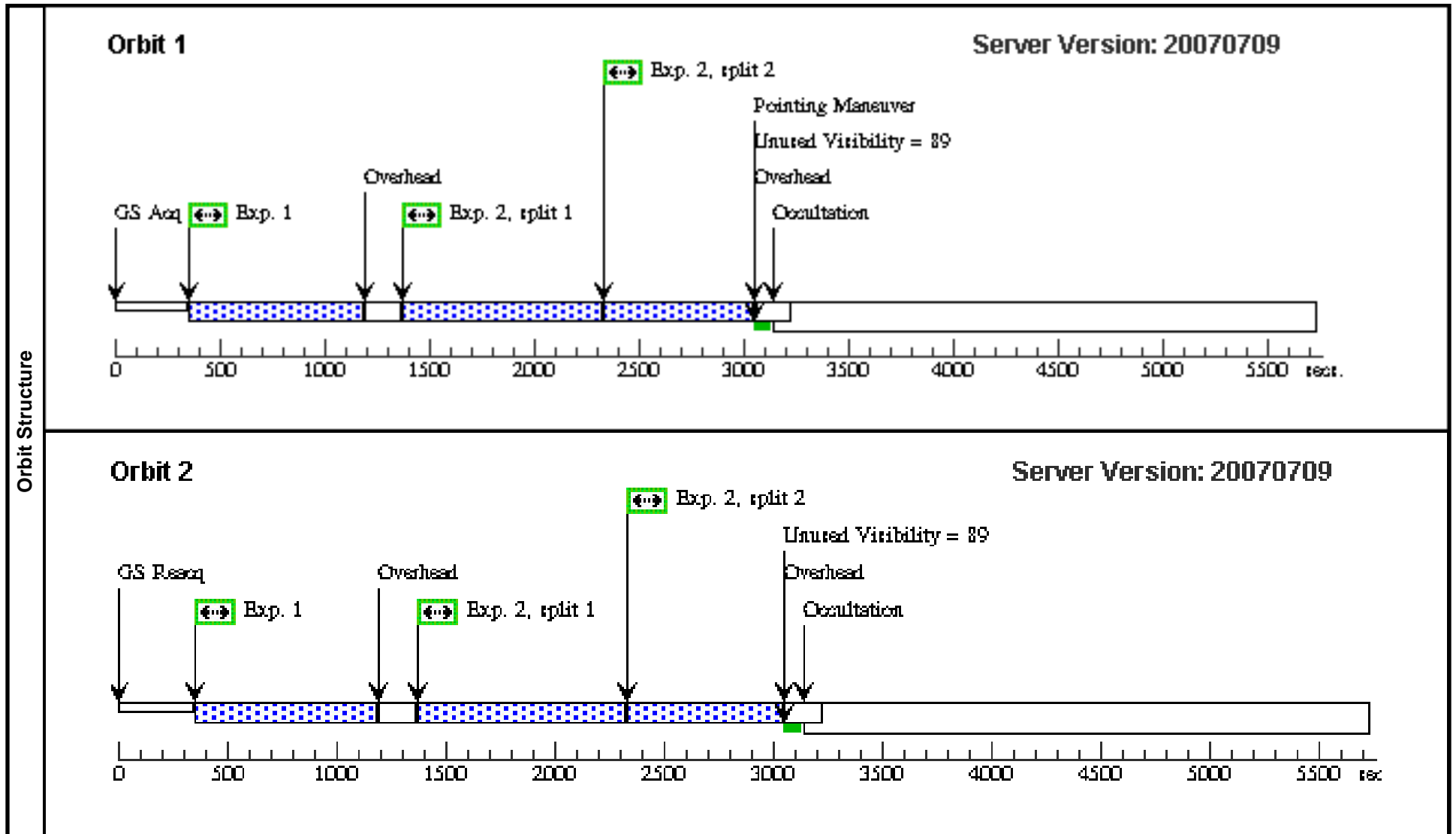
<b>Visit</b>	<b>Proposal 10787, Visit 31, completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; SAME ORIENT AS 30 <i>Comments: U band images of HCG 19</i>									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>			<b>Fluxes</b>	<b>Miscellaneous</b>		
	(31)	HCG019-TARG4	RA: 02 42 40.4900 (40.6687083d) Dec: -12 25 32.80 (-12.42578d) Equinox: J2000				V=13.0	Reference Frame: ICRS		
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	U-band (1+2 ) - HCG 19	(31) HCG019-TARG 4	WFPC2, IMAGE, WF3-FIX	F336W	CR-SPLIT=0.5			1400.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]
	2	U-band (3) - HCG 19	(31) HCG019-TARG 4	WFPC2, IMAGE, WF3-FIX	F336W	CR-SPLIT=NO	POS TARG 0.2,0.2		700.0 Secs [=>]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20070709</b></span></p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. A blue dotted bar indicates the observation period from approximately 400s to 3100s. Key events are marked with arrows and labels: GS Acq at 0s, Exp. 1 split 1 at ~400s, Exp. 1 split 2 at ~1400s, Overhead and Pointing Maneuver at ~2000s, Exp. 2 at ~2300s, Unused Visibility = 82 at ~3000s, and Occultation at ~3100s. Green boxes with double arrows highlight the exposure times for Exp. 1 split 1, Exp. 1 split 2, and Exp. 2.</p>									

<b>Visit</b>	<b>Proposal 10787, Visit 30, withdrawn</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE <i>Comments: H-alpha images of HCG 19</i>									
	(Visit 30) Warning (OP): ACS EXPOSURE TIME ADJUSTED (Visit 30) Warning (OP): ACS EXPOSURE TIME ADJUSTED (Visit 30) Warning (OP): ACS EXPOSURE TIME ADJUSTED									
<b>Diagnostics</b>										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(30)	HCG019-TARG3	RA: 02 42 42.0400 (40.6751667d) Dec: -12 25 39.43 (-12.42762d) Equinox: J2000		V=13.0	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	H-alpha - H CG 19	(30) HCG019-TARG 3	ACS/WFC, ACCUM, WFC2-MRAMP	FR656N 6658.0 A	CR-SPLIT=3; GAIN=2			2290.0 Secs [=>(Split 1)] [=>(Split 2)] [=>(Split 3)]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20070709</b></span></p> <p>Unused Visibility = 0</p> <p>GS Acq    Exp. 1, split 1    Exp. 1, split 2    Exp. 1, split 3    Occultation</p> <p>0    500    1000    1500    2000    2500    3000    3500    4000    4500    5000    5500 sec</p>									

Proposal 10787 - Visit 33 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:35 GMT 2007

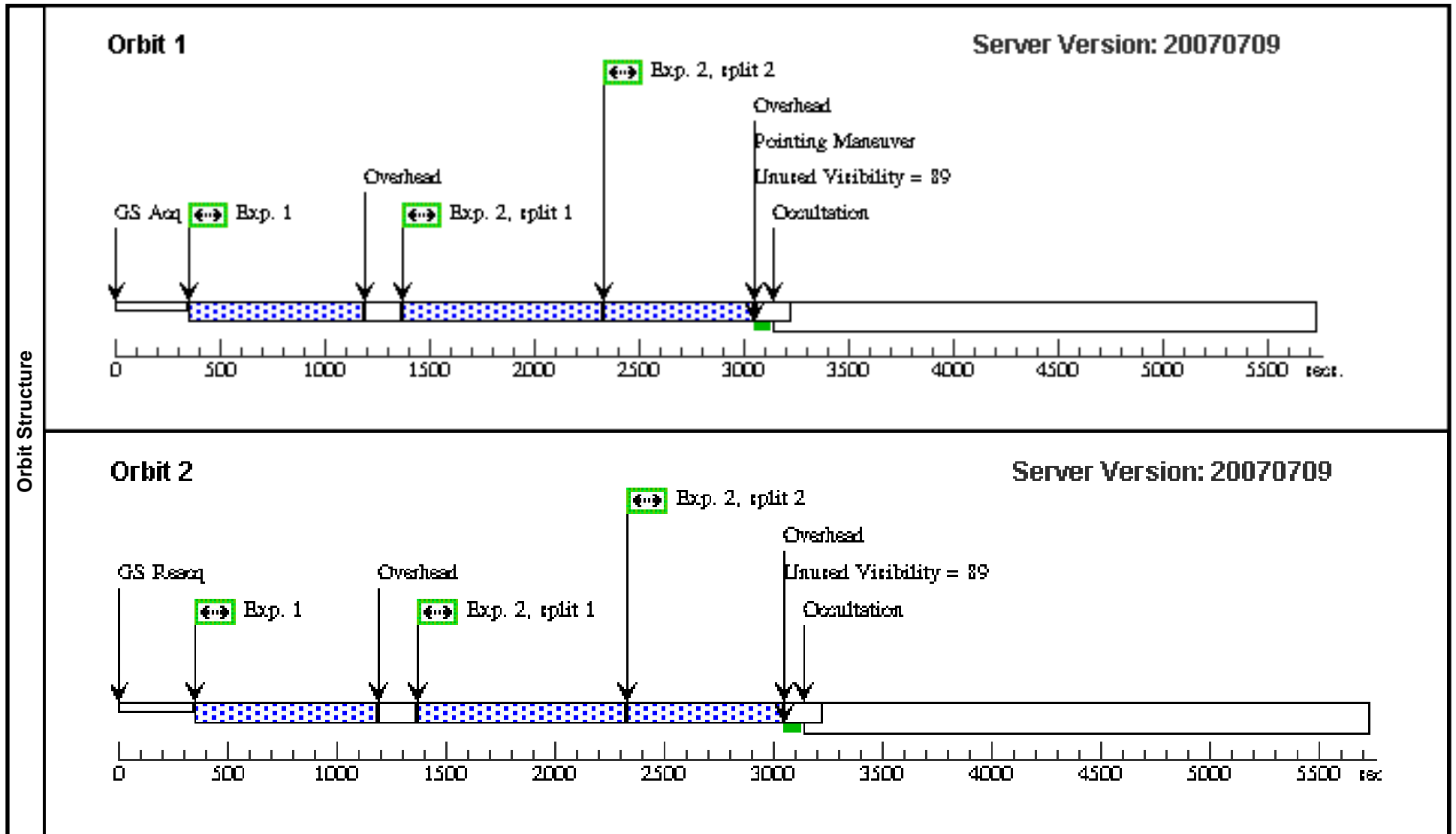
Visit	<b>Proposal 10787, Visit 33, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; ORIENT 300.0D TO 310.0 D Comments: Deep F450W images of HCG 42 - WFPC2 pointing 1 orient determined by location near very bright star										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(3)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG						(1-2)	
		Purpose=DITHER	Pattern Orientation=45								
		Number Of Points=2	Angle Between Sides=								
		Point Spacing=0.354	Center Pattern=false								
		Line Spacing=									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(33)	HCG042-TARG3	RA: 10 00 33.3500 (150.1389583d)				V=10.9		Reference Frame: ICRS		
			Dec: -19 39 48.50 (-19.66347d)								
			Equinox: J2000								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	HCG 42 - W	(33) HCG042-TARG	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=NO		Pattern 1-2 (3)	700.0 Secs		
		FPC2 B1 im 3							[==>(Pattern 1)]		[1]
		ages							[==>(Pattern 2)]		[2]
	2	HCG 42 - W	(33) HCG042-TARG	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=DEF		Pattern 1-2 (3)	1400.0 Secs		
		FPC2 B1 im 3							[==>(Pattern 1, Split 1)]		[1]
	ages							[==>(Pattern 1, Split 2)]			
								[==>(Pattern 2, Split 1)]			
								[==>(Pattern 2, Split 2)]		[2]	



Proposal 10787 - Visit 34 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:35 GMT 2007

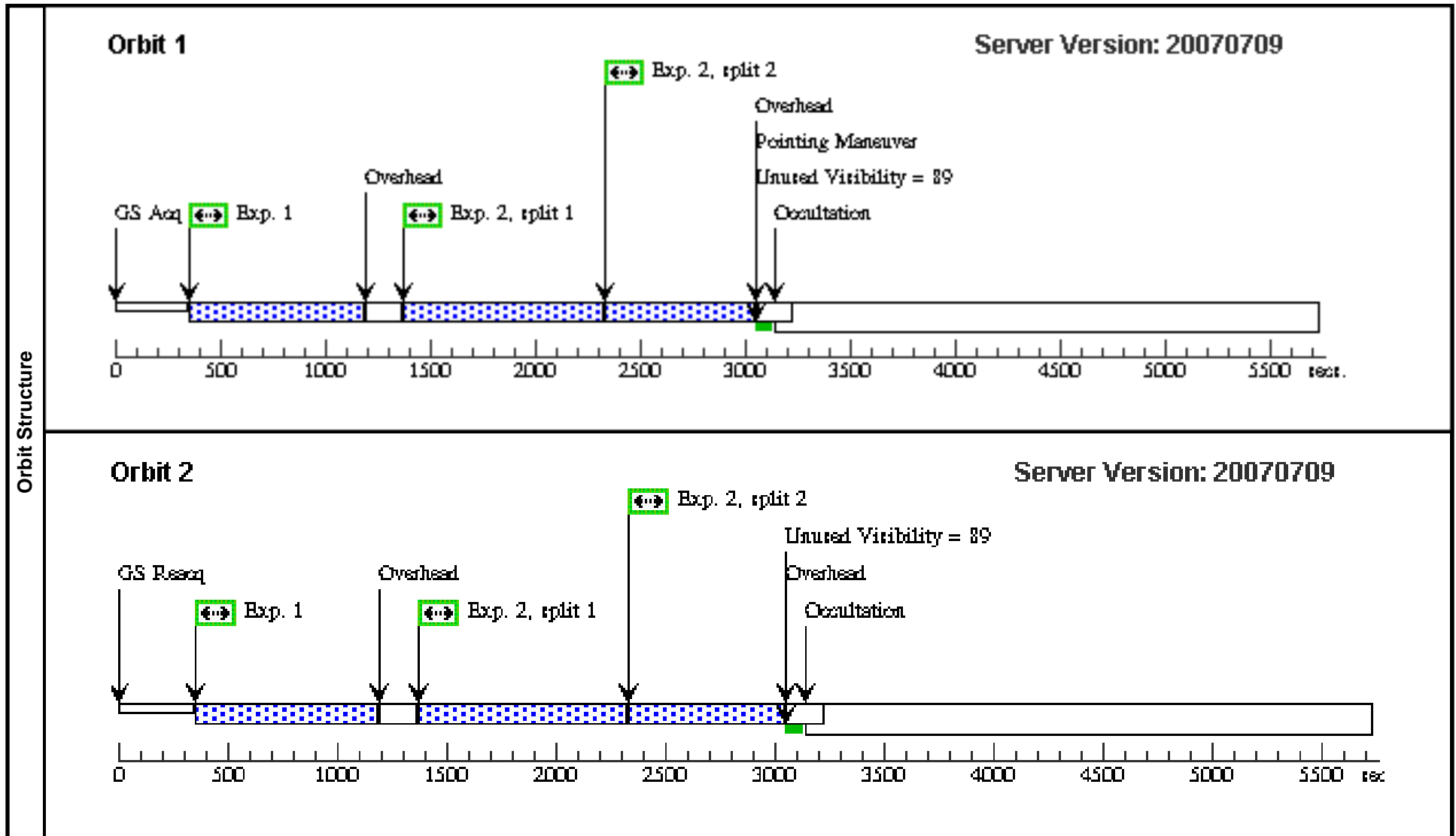
Visit	<b>Proposal 10787, Visit 34, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; SAME ORIENT AS 33 Comments: Deep F606W images of HCG 42 - WFPC2 pointing 1 Same orient as Visit 33 (F450W)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
		(3)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG						(1-2)
		Purpose=DITHER	Pattern Orientation=45							
		Number Of Points=2	Angle Between Sides=							
		Point Spacing=0.354	Center Pattern=false							
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(33)	HCG042-TARG3	RA: 10 00 33.3500 (150.1389583d) Dec: -19 39 48.50 (-19.66347d) Equinox: J2000			V=10.9	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HCG 42 - W FPC2 V1 im 3 ages	(33) HCG042-TARG	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-2 (3)	700.0 Secs	
									[==>(Pattern 1)]	[1]
									[==>(Pattern 2)]	[2]
	2	HCG 42 - W FPC2 V1 im 3 ages	(33) HCG042-TARG	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=DEF		Pattern 1-2 (3)	1400.0 Secs	
									[==>(Pattern 1, Split 1)]	[1]
								[==>(Pattern 1, Split 2)]		
								[==>(Pattern 2, Split 1)]		
								[==>(Pattern 2, Split 2)]	[2]	



Proposal 10787 - Visit 35 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:36 GMT 2007

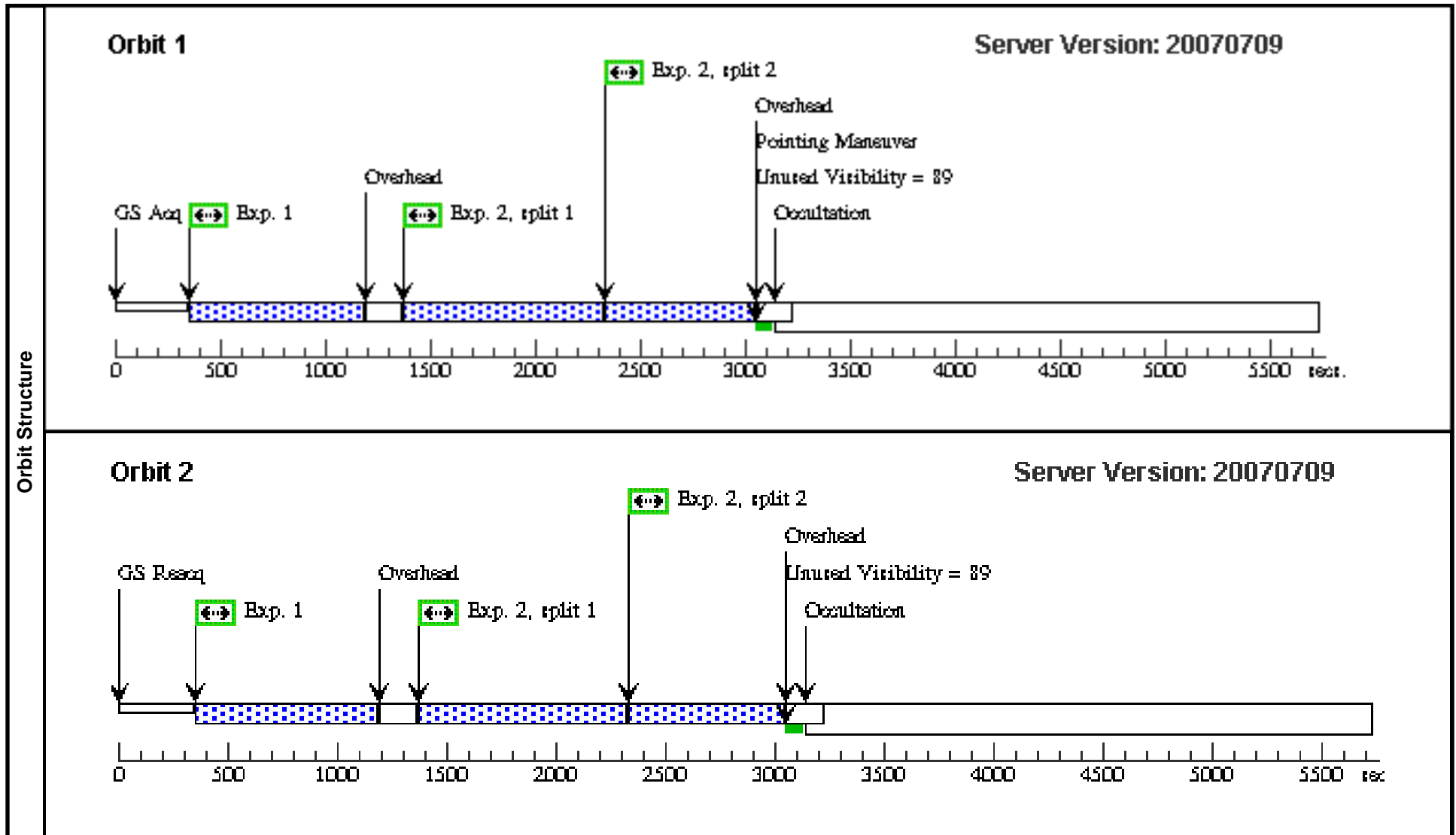
Visit	<b>Proposal 10787, Visit 35, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; SAME ORIENT AS 33 Comments: Deep F814W images of HCG 42 - WFPC2 pointing 1 Same orient as Visit 33 (F450W)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
		(3)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG						(1-2)
		Purpose=DITHER	Pattern Orientation=45							
		Number Of Points=2	Angle Between Sides=							
		Point Spacing=0.354	Center Pattern=false							
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(33)	HCG042-TARG3	RA: 10 00 33.3500 (150.1389583d) Dec: -19 39 48.50 (-19.66347d) Equinox: J2000			V=10.9	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HCG 42 - W FPC2 I1 ima 3 ges	(33) HCG042-TARG	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO		Pattern 1-2 (3)	700.0 Secs	
									[==>(Pattern 1)]	[1]
									[==>(Pattern 2)]	[2]
	2	HCG 42 - W FPC2 I1 ima 3 ges	(33) HCG042-TARG	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=DEF		Pattern 1-2 (3)	1400.0 Secs	
									[==>(Pattern 1, Split 1)]	[1]
								[==>(Pattern 1, Split 2)]		
								[==>(Pattern 2, Split 1)]		
								[==>(Pattern 2, Split 2)]	[2]	



Proposal 10787 - Visit 36 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:36 GMT 2007

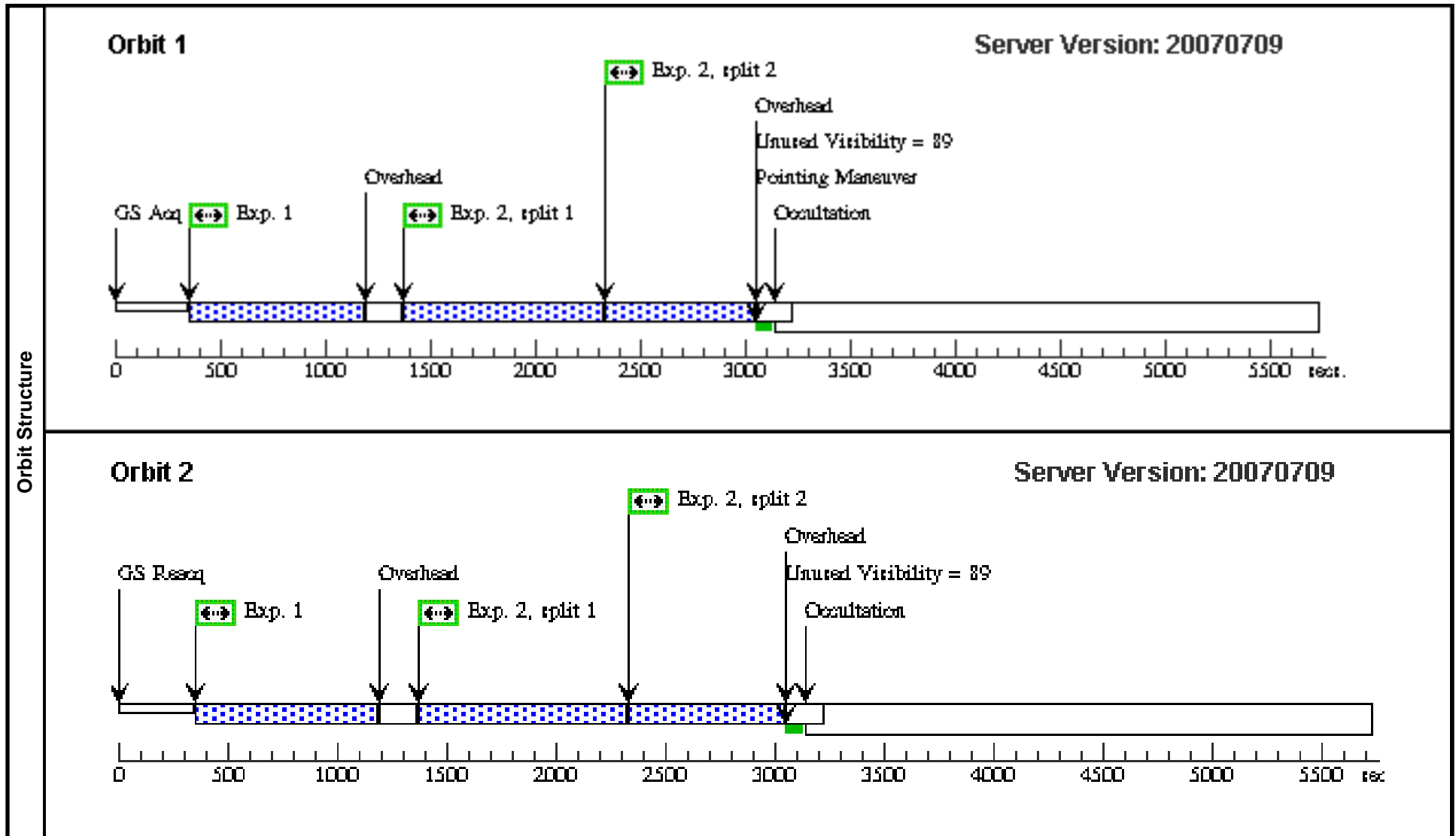
<b>Visit</b>	<b>Proposal 10787, Visit 36, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; ORIENT 280.0D TO 300.0 D Comments: <i>Deep F450W images of HCG 42 - WFPC2 pointing 2</i>										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(3)		Pattern Type=WFPC2-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.354 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=45 Angle Between Sides= Center Pattern=false						(1-2)		
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(34)	HCG042-TARG4	RA: 10 00 15.2100 (150.0633750d) Dec: -19 41 19.20 (-19.68867d) Equinox: J2000			V=10.9	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>		<b>Orbit</b>
	1	HCG 42 - W FPC2 B2 im 4 ages	(34) HCG042-TARG	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=NO		Pattern 1-2 (3)	700.0 Secs		
									[=>(Pattern 1)]		[1]
									[=>(Pattern 2)]		[2]
	2	HCG 42 - W FPC2 B2 im 4 ages	(34) HCG042-TARG	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=DEF		Pattern 1-2 (3)	1400.0 Secs		
									[=>(Pattern 1, Split 1)]		[1]
								[=>(Pattern 1, Split 2)]		[1]	
								[=>(Pattern 2, Split 1)]		[1]	
								[=>(Pattern 2, Split 2)]		[2]	



Proposal 10787 - Visit 37 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:36 GMT 2007

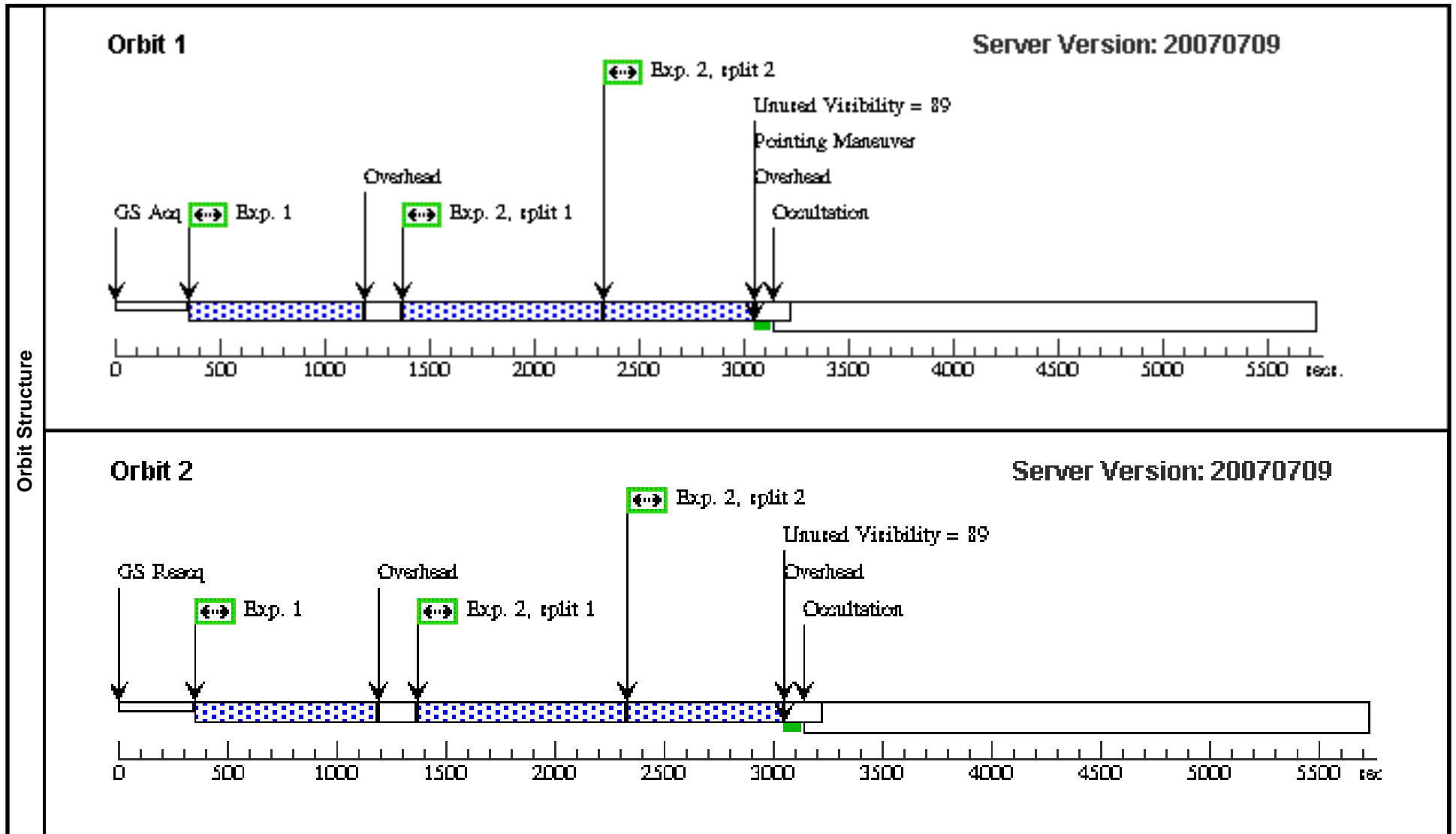
Visit	<b>Proposal 10787, Visit 37, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; SAME ORIENT AS 36 Comments: Deep F606W images of HCG 42 - WFPC2 pointing 2 Same orient as Visit 36 (F450W)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
		(3)	Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG						(1-2)
		Purpose=DITHER	Pattern Orientation=45							
		Number Of Points=2	Angle Between Sides=							
		Point Spacing=0.354	Center Pattern=false							
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(34)	HCG042-TARG4	RA: 10 00 15.2100 (150.0633750d) Dec: -19 41 19.20 (-19.68867d) Equinox: J2000			V=10.9	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HCG 42 - W FPC2 V2 im 4 ages	(34) HCG042-TARG	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-2 (3)	700.0 Secs	
									[==>(Pattern 1)]	[1]
									[==>(Pattern 2)]	[2]
	2	HCG 42 - W FPC2 V2 im 4 ages	(34) HCG042-TARG	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=DEF		Pattern 1-2 (3)	1400.0 Secs	
									[==>(Pattern 1, Split 1)]	[1]
								[==>(Pattern 1, Split 2)]		
								[==>(Pattern 2, Split 1)]		
								[==>(Pattern 2, Split 2)]	[2]	



Proposal 10787 - Visit 38 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:37 GMT 2007

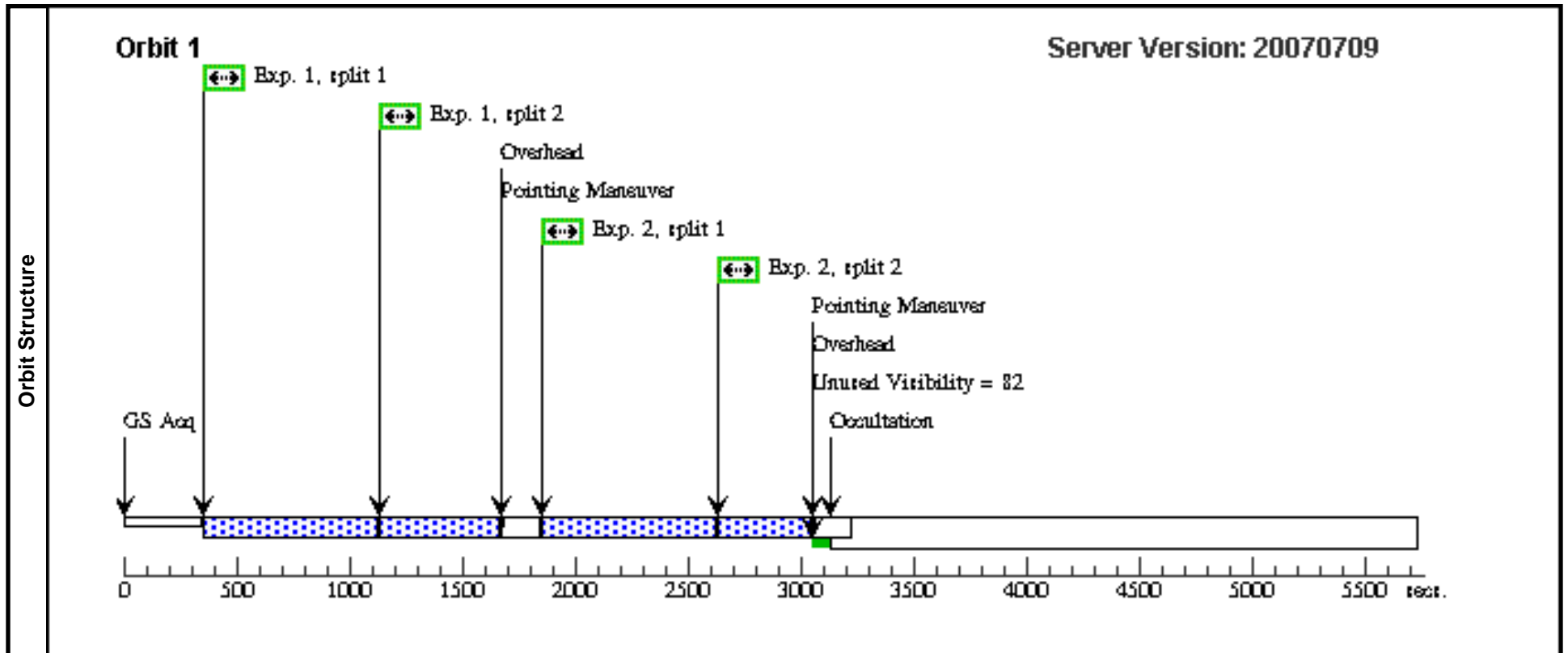
<b>Visit</b>	<b>Proposal 10787, Visit 38, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; SAME ORIENT AS 36 <i>Comments: Deep F814W images of HCG 42 - WFPC2 pointing 2                  Same orient as Visit 36 (F450W)</i>									
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>
(3)		Pattern Type=WFPC2-LINE	Coordinate Frame=POS-TARG						(1-2)	
		Purpose=DITHER	Pattern Orientation=45							
		Number Of Points=2	Angle Between Sides=							
		Point Spacing=0.354	Center Pattern=false							
		Line Spacing=								
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>			<b>Fluxes</b>	<b>Miscellaneous</b>		
	(34)	HCG042-TARG4	RA: 10 00 15.2100 (150.0633750d) Dec: -19 41 19.20 (-19.68867d) Equinox: J2000				V=10.9	Reference Frame: ICRS		
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	HCG 42 - W FPC2 I2 ima 4 ges	(34) HCG042-TARG	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=NO		Pattern 1-2 (3)	700.0 Secs	
									[==>(Pattern 1)]	[1]
									[==>(Pattern 2)]	[2]
	2	HCG 42 - W FPC2 I2 ima 4 ges	(34) HCG042-TARG	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=DEF		Pattern 1-2 (3)	1400.0 Secs	
									[==>(Pattern 1, Split 1)]	[1]
								[==>(Pattern 1, Split 2)]		
								[==>(Pattern 2, Split 1)]		
								[==>(Pattern 2, Split 2)]	[2]	

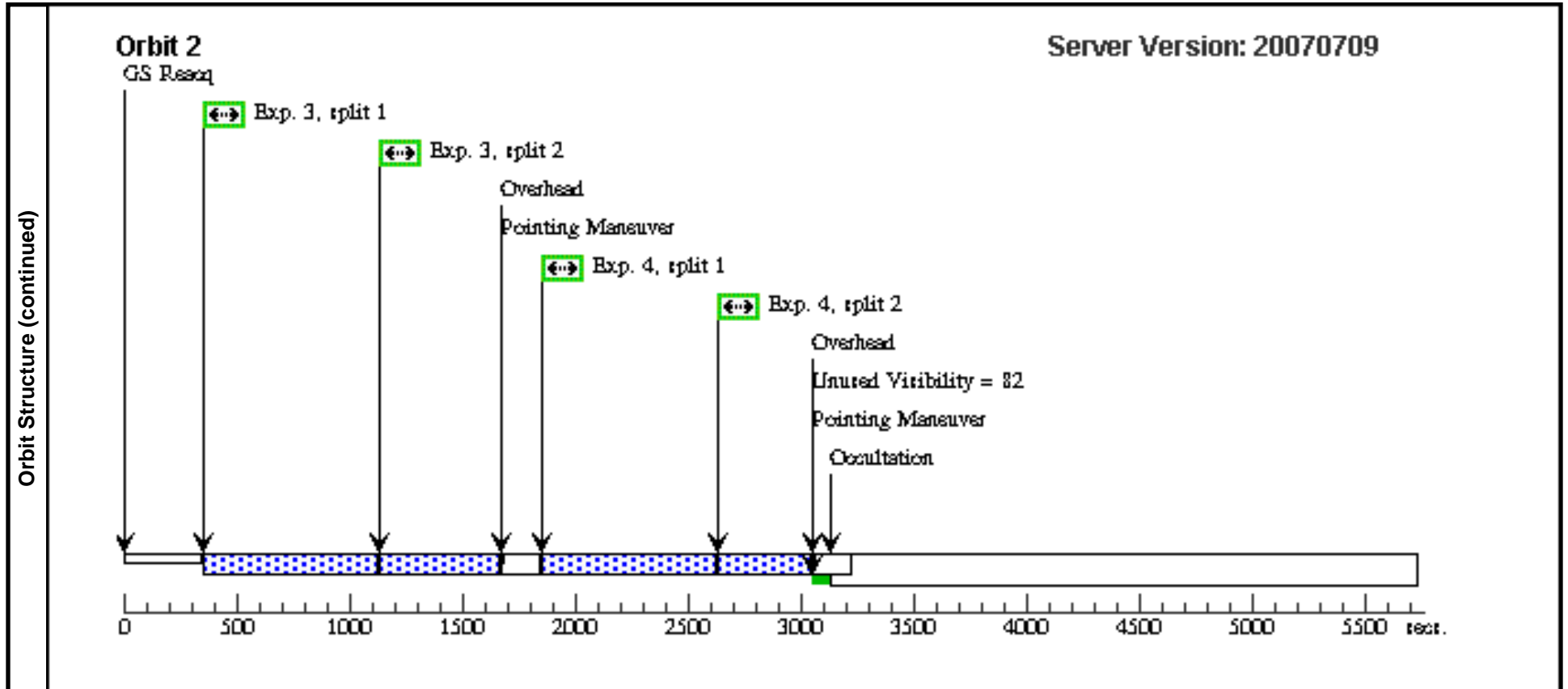


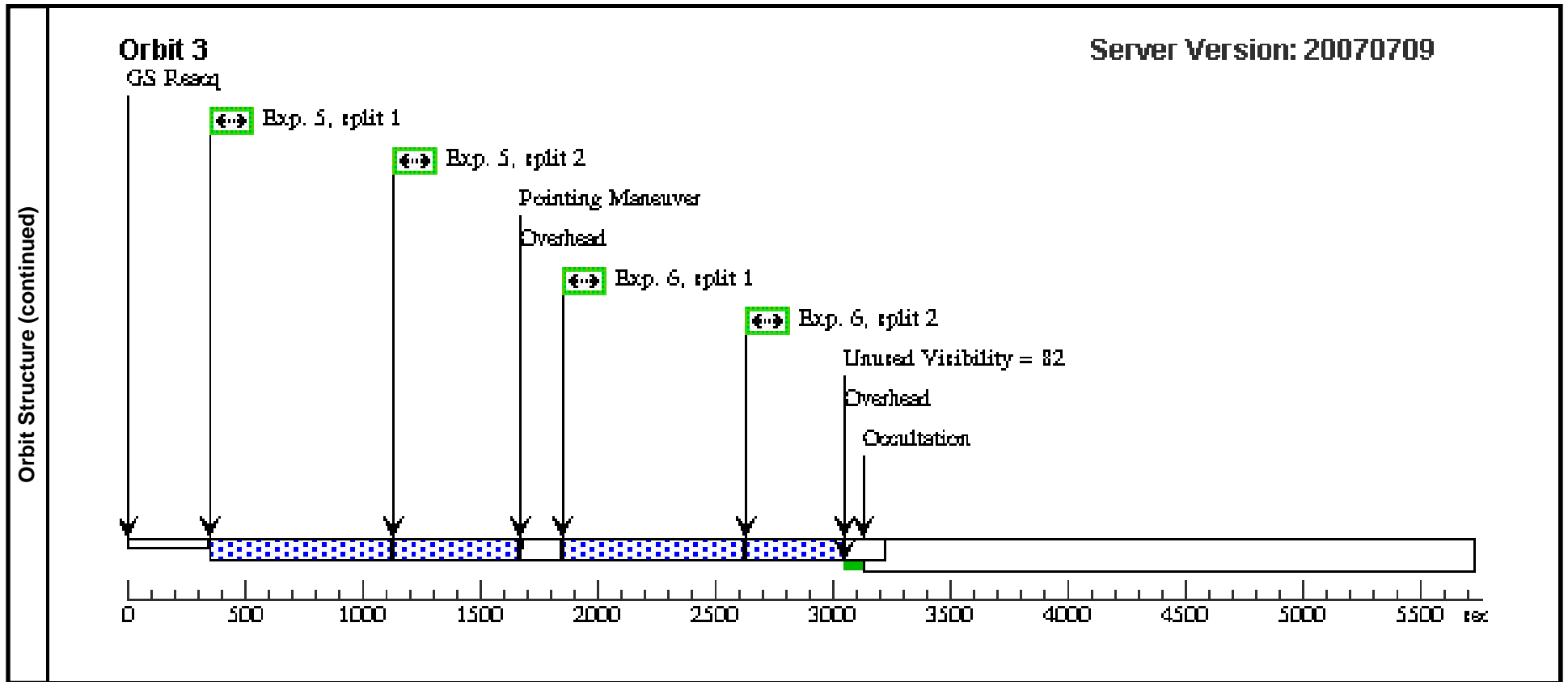
Proposal 10787 - Visit 39 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:37 GMT 2007

<b>Visit</b>	<b>Proposal 10787, Visit 39, completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; ORIENT 230.0D TO 250.0 D <i>Comments: BVI images of HCG 16 - WFPC2 pointing 1 orientation chosen to mosaic images together, where possible</i>									
	(Visit 39) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 39) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 39) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 39) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 39) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 39) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(35)	HCG016-TARG4	RA: 02 09 24.3800 (32.3515833d) Dec: -10 08 10.80 (-10.13633d) Equinox: J2000			V=11.4	Reference Frame: ICRS			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	HCG 16 - W FPC2 B1p1 images	(35) HCG016-TARG 4	WFPC2, IMAGE, WF3	F450W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	2	HCG 16 - W FPC2 B1p2 images	(35) HCG016-TARG 4	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3	HCG 16 - W FPC2 V1p1 images	(35) HCG016-TARG 4	WFPC2, IMAGE, WF3	F606W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]
	4	HCG 16 - W FPC2 V1p2 images	(35) HCG016-TARG 4	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]
	5	HCG 16 - W FPC2 I1p1 images	(35) HCG016-TARG 4	WFPC2, IMAGE, WF3	F814W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[3]
	6	HCG 16 - W FPC2 I1p2 images	(35) HCG016-TARG 4	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[3]



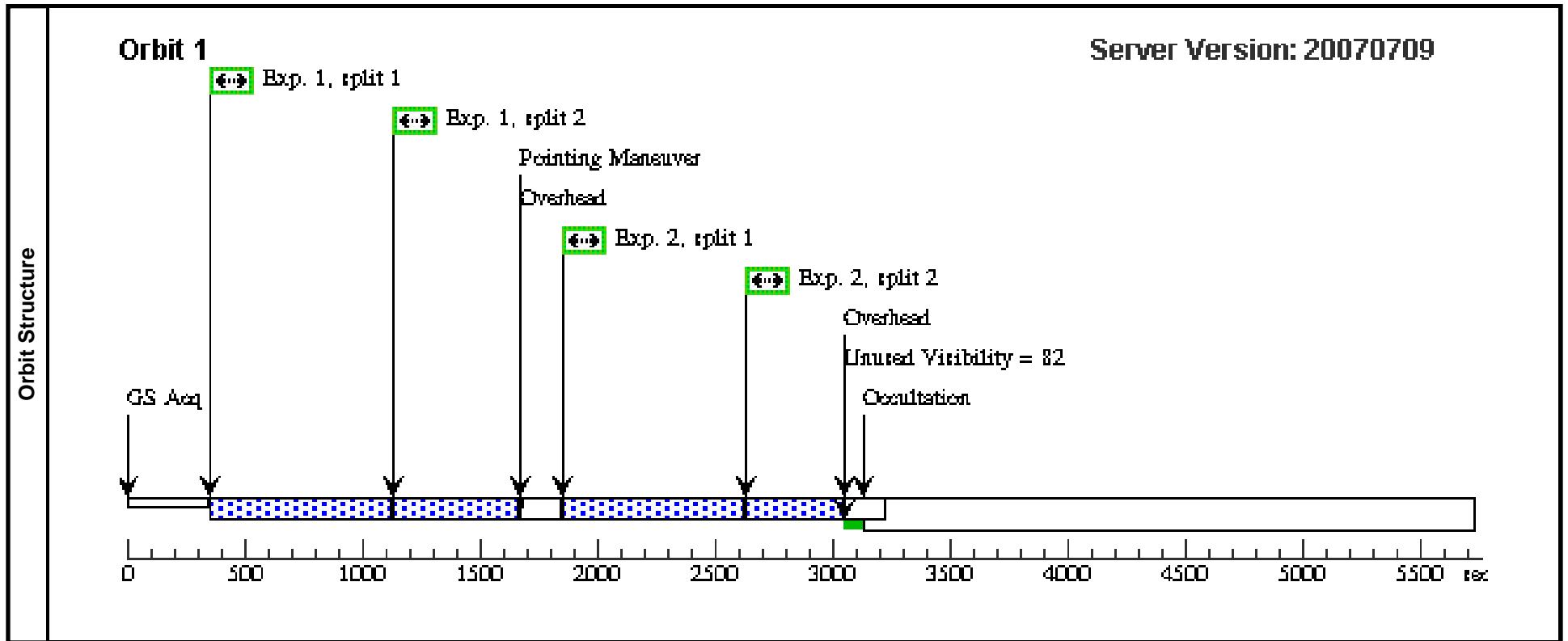




Proposal 10787 - Visit 89 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:38 GMT 2007

<b>Visit</b>	<b>Proposal 10787, Visit 89, implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; ORIENT 230.0D TO 250.0 D <i>Comments: BVI images of HCG 16 - WFPC2 pointing 1 orientation chosen to mosaic images together, where possible</i> HOPR repeat of visit 39									
	(Visit 89) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 89) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(35)	HCG016-TARG4	RA: 02 09 24.3800 (32.3515833d) Dec: -10 08 10.80 (-10.13633d) Equinox: J2000		V=11.4	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	HCG 16 - W FPC2 I1p1 i 4 images	(35) HCG016-TARG	WFPC2, IMAGE, WF3	F814W				1000.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]
	2	HCG 16 - W FPC2 I1p2 i 4 images	(35) HCG016-TARG	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]



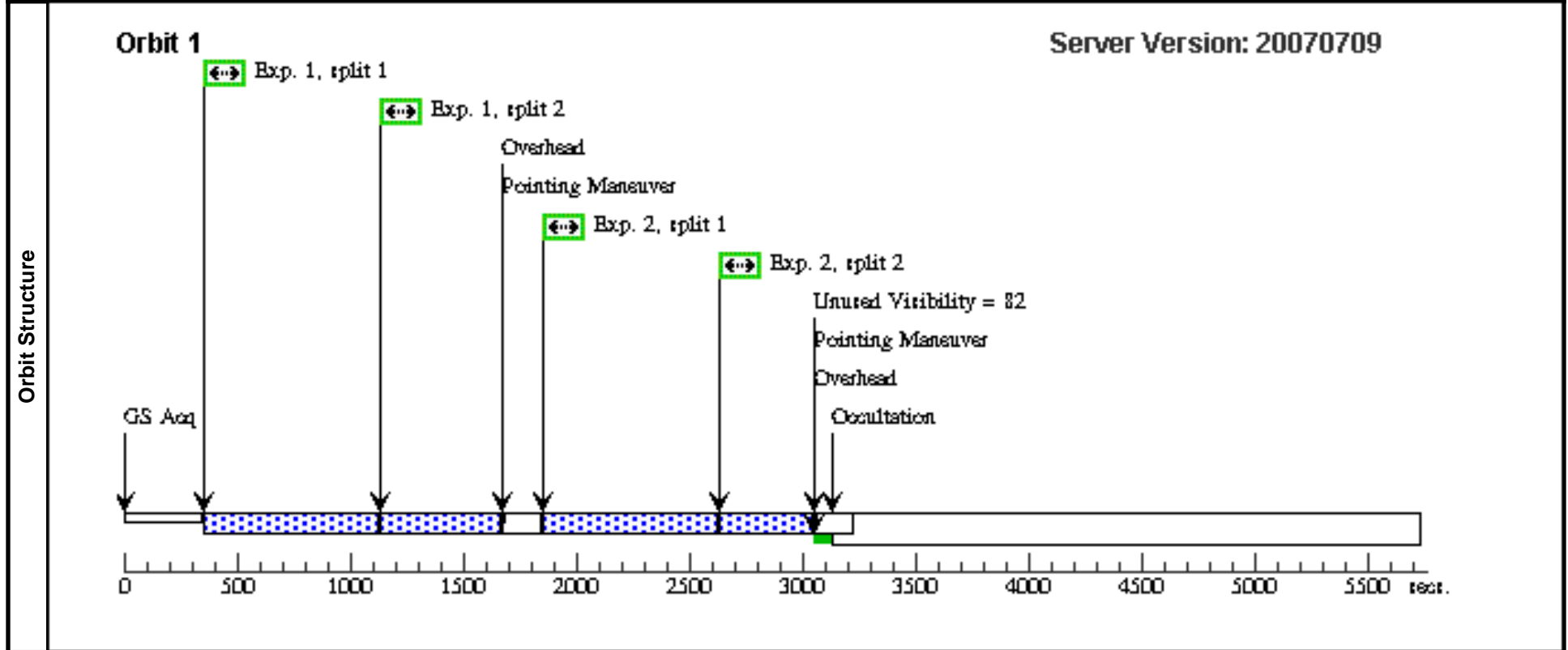
Proposal 10787 - Visit 40 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

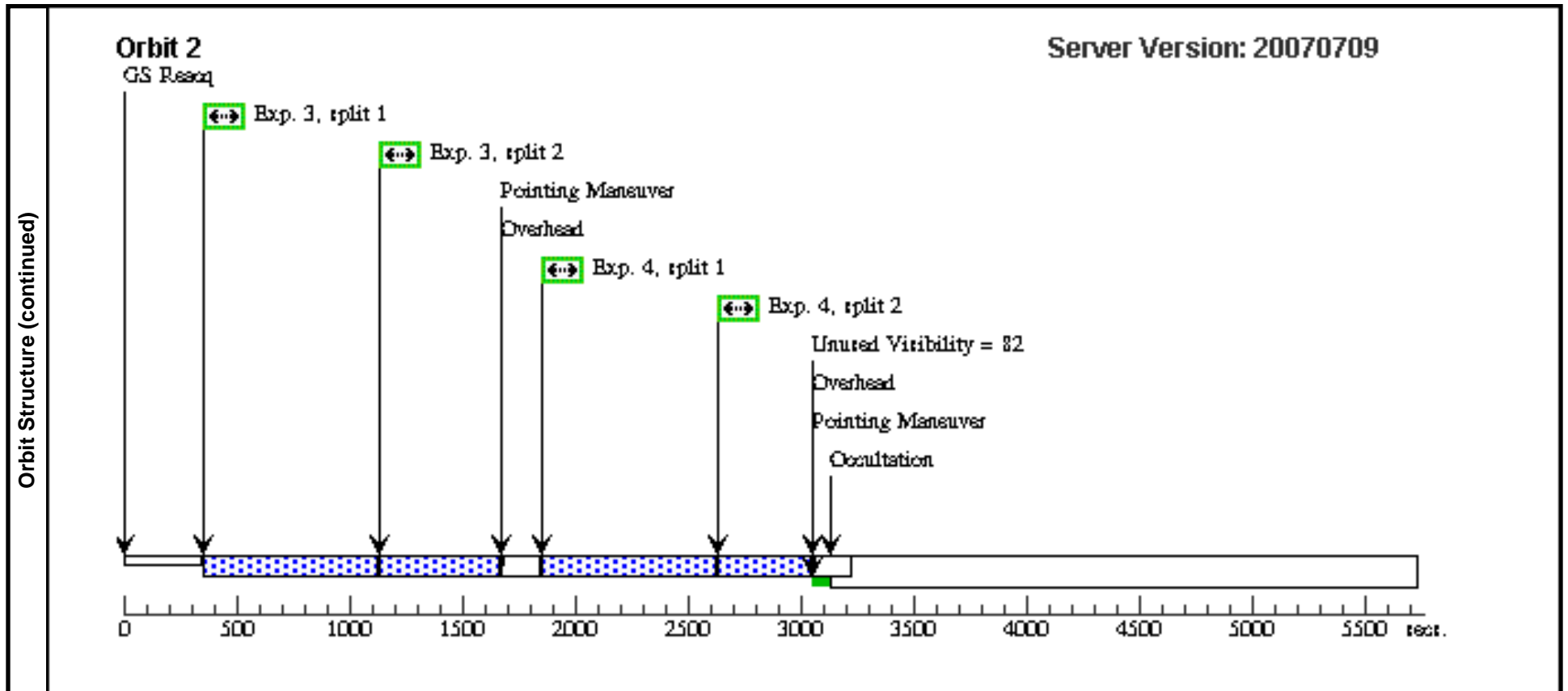
Fri Aug 17 01:05:38 GMT 2007

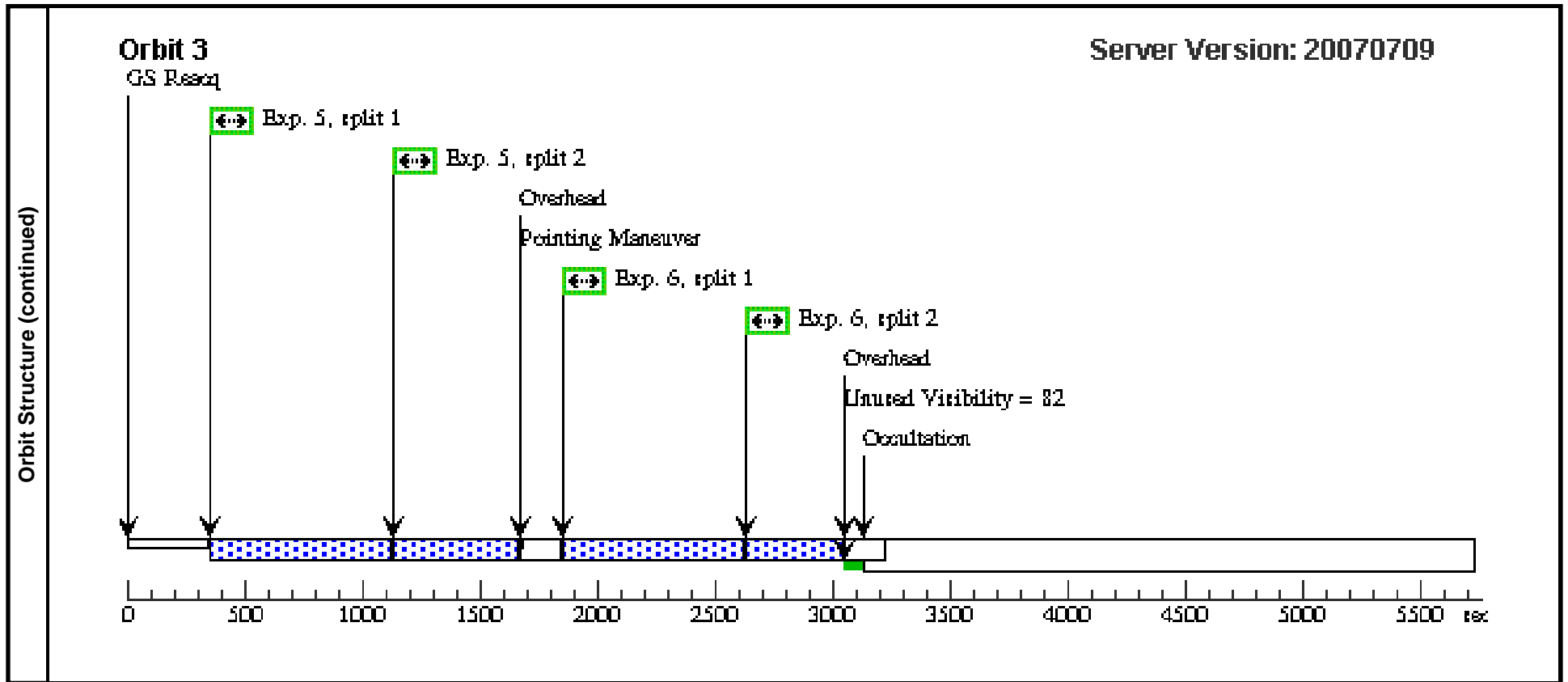
<b>Visit</b>	<b>Proposal 10787, Visit 40, completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; ORIENT 250.0D TO 255.0 D <i>Comments: BVI images of HCG 16 - WFPC2 pointing 2 same orient as visit 39 (pointing 1)</i>										
	(Visit 40) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 40) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 40) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 40) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 40) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 40) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>					
	(36)	HCG016-TARG5	RA: 02 09 29.5400 (32.3730833d) Dec: -10 07 44.30 (-10.12897d) Equinox: J2000		V=11.4	Reference Frame: ICRS					
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>	
	1	HCG 16 - W FPC2 B2p1 images	(36) HCG016-TARG 5	WFPC2, IMAGE, WF3	F450W				1000.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]	
	2	HCG 16 - W FPC2 B2p2 images	(36) HCG016-TARG 5	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]	
	<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>										
	3	HCG 16 - W FPC2 V2p1 images	(36) HCG016-TARG 5	WFPC2, IMAGE, WF3	F606W					1000.0 Secs [=>(Split 1)] [=>(Split 2)]	[2]
	4	HCG 16 - W FPC2 V2p2 images	(36) HCG016-TARG 5	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5			901.0 Secs [=>(Split 1)] [=>(Split 2)]	[2]
<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>											
5	HCG 16 - W FPC2 I2p1 images	(36) HCG016-TARG 5	WFPC2, IMAGE, WF3	F814W					1000.0 Secs [=>(Split 1)] [=>(Split 2)]	[3]	

Proposal 10787 - Visit 40 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	6	HCG 16 - W	(36) HCG016-TARG	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=0.5556	POS TARG 0.25,0.2		901.0 Secs	
		FPC2 I2p2 i	5						[=>(Split 1)]	[3]
		images							[=>(Split 2)]	
	Comments: 2nd pointing, 2.5 WF pixel offset in X and Y									







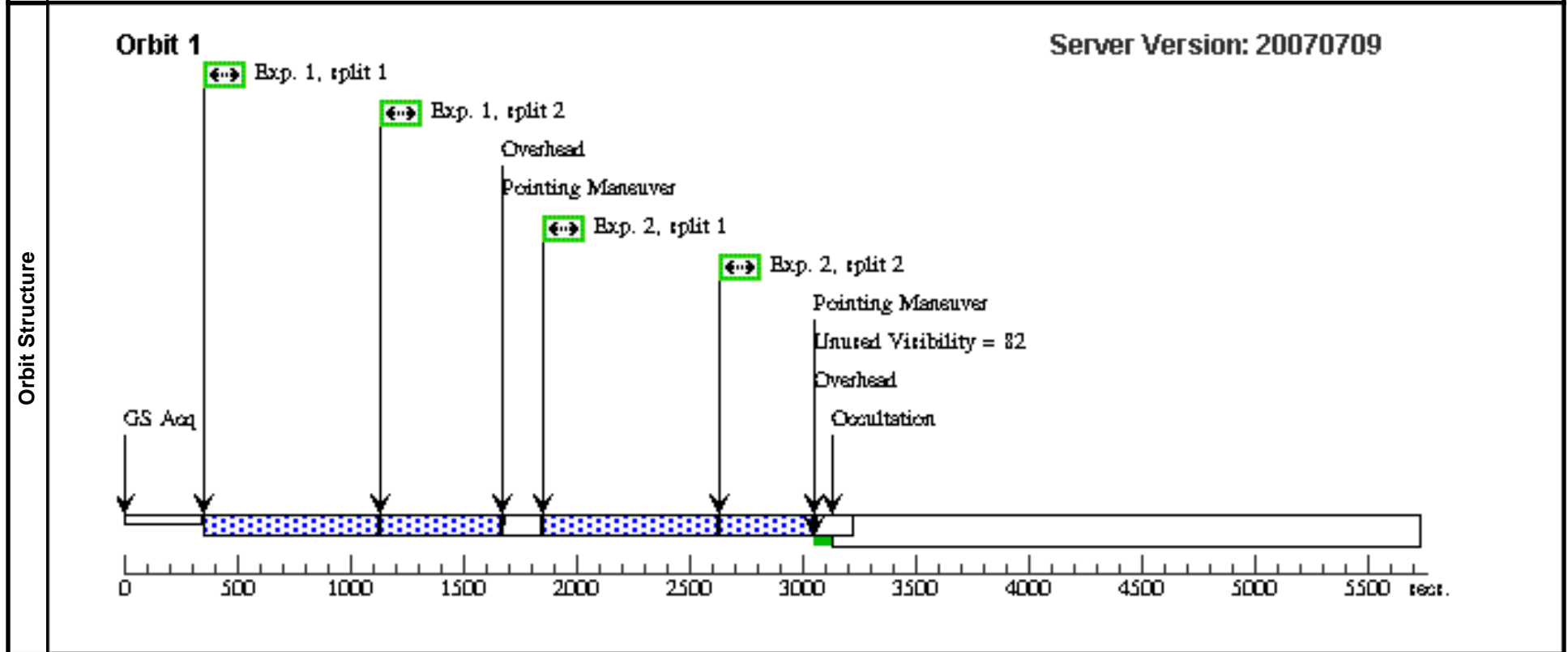
Proposal 10787 - Visit 41 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

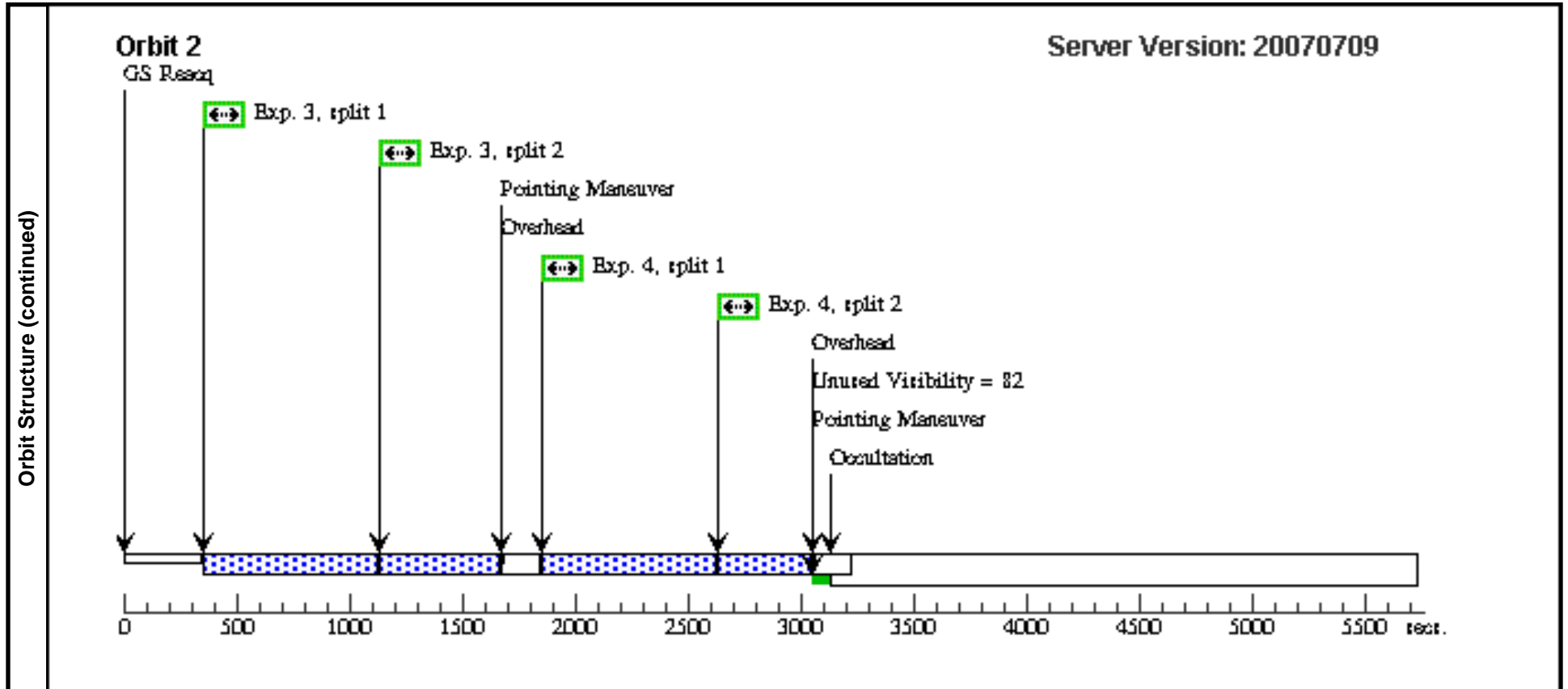
Fri Aug 17 01:05:38 GMT 2007

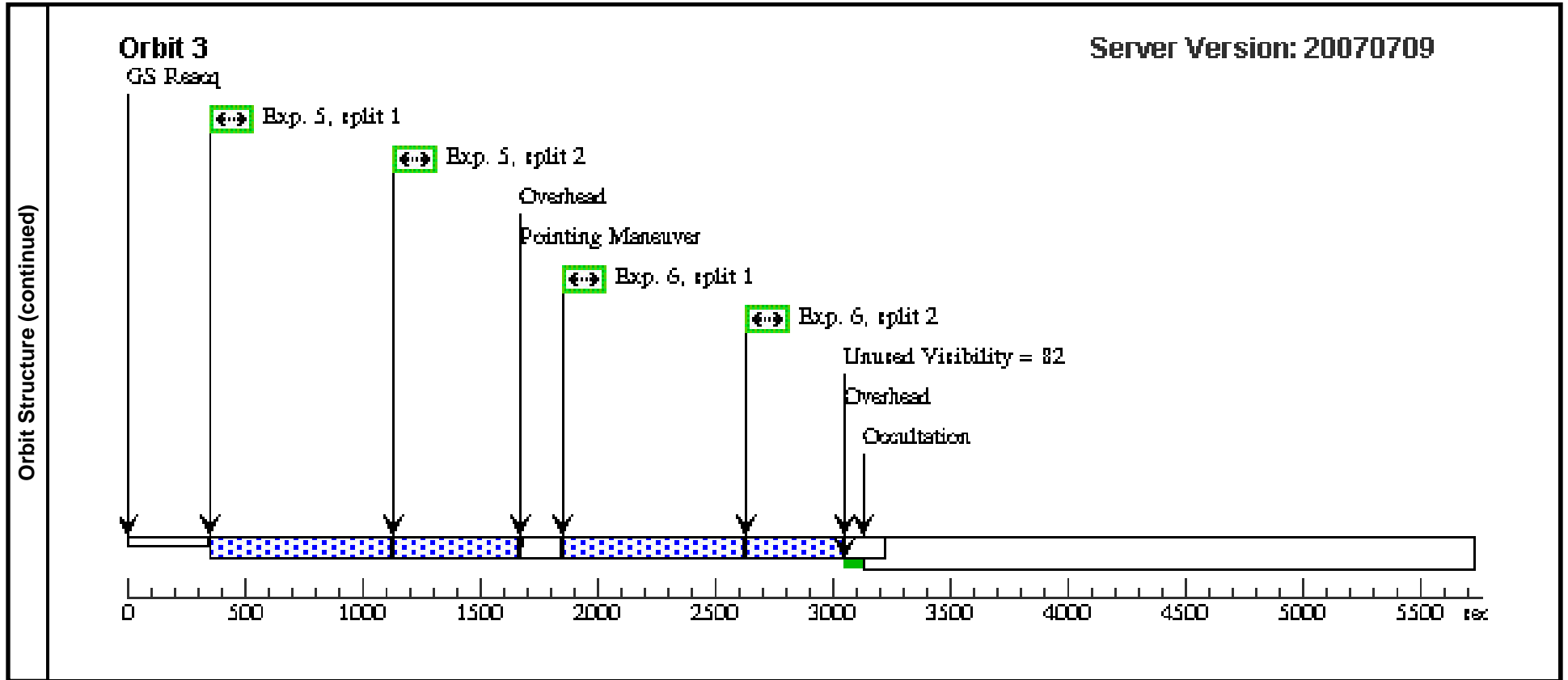
<b>Visit</b>	<b>Proposal 10787, Visit 41, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; SAME ORIENT AS 40 <i>Comments: BVI images of HCG 16 - WFPC2 pointing 3 same orient as visit 39 (pointing 1)</i>										
	(Visit 41) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 41) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 41) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 41) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 41) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 41) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>					
	(37)	HCG016-TARG6	RA: 02 09 38.0000 (32.4083333d) Dec: -10 08 44.70 (-10.14575d) Equinox: J2000		V=11.4	Reference Frame: ICRS					
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>	
	1	HCG 16 - W FPC2 B3p1 images	(37) HCG016-TARG 6	WFPC2, IMAGE, WF3	F450W				1000.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]	
	2	HCG 16 - W FPC2 B3p2 images	(37) HCG016-TARG 6	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]	
	<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>										
	3	HCG 16 - W FPC2 V3p1 images	(37) HCG016-TARG 6	WFPC2, IMAGE, WF3	F606W				1000.0 Secs [=>(Split 1)] [=>(Split 2)]	[2]	
	4	HCG 16 - W FPC2 V3p2 images	(37) HCG016-TARG 6	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[2]	
<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>											
5	HCG 16 - W FPC2 I3p1 images	(37) HCG016-TARG 6	WFPC2, IMAGE, WF3	F814W				1000.0 Secs [=>(Split 1)] [=>(Split 2)]	[3]		

Proposal 10787 - Visit 41 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	6	HCG 16 - W FPC2 I3p2 i 6 mages	(37) HCG016-TARG	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[3]
<p>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</p>										







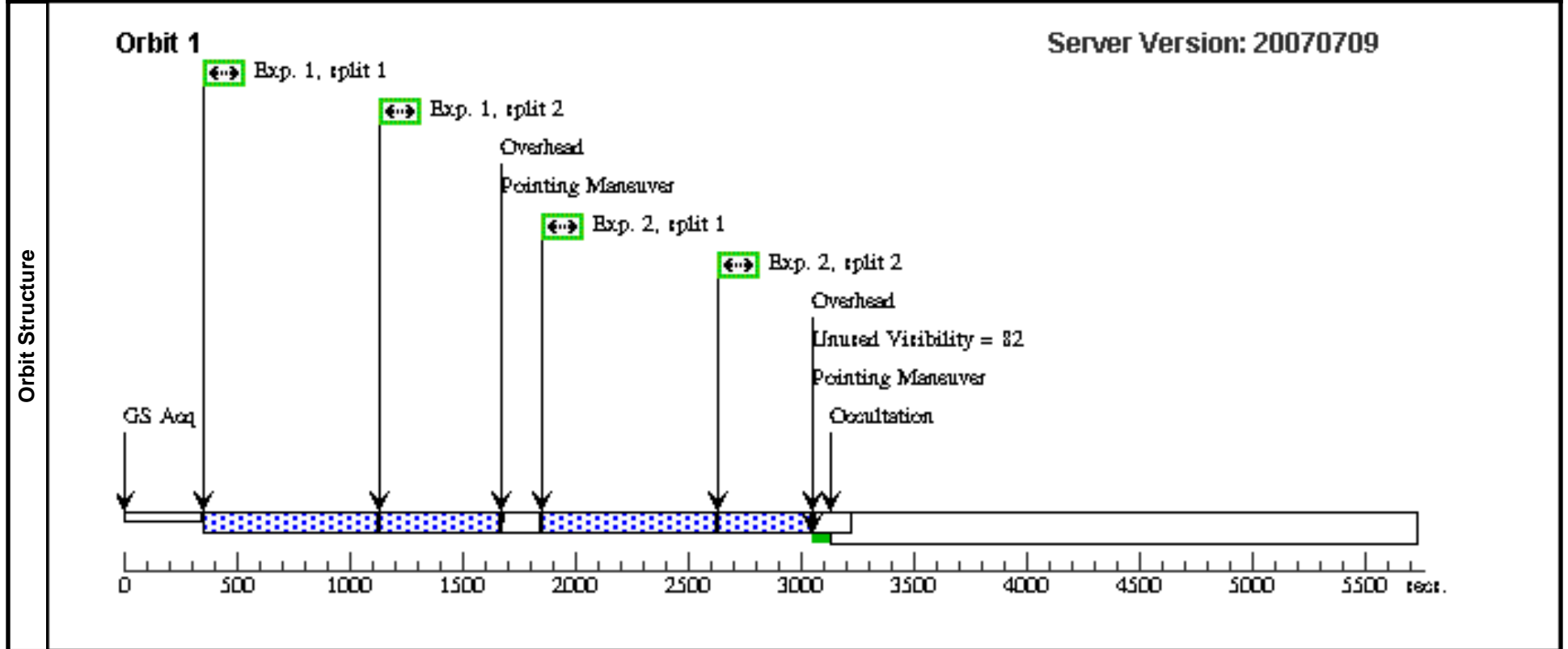
Proposal 10787 - Visit 42 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

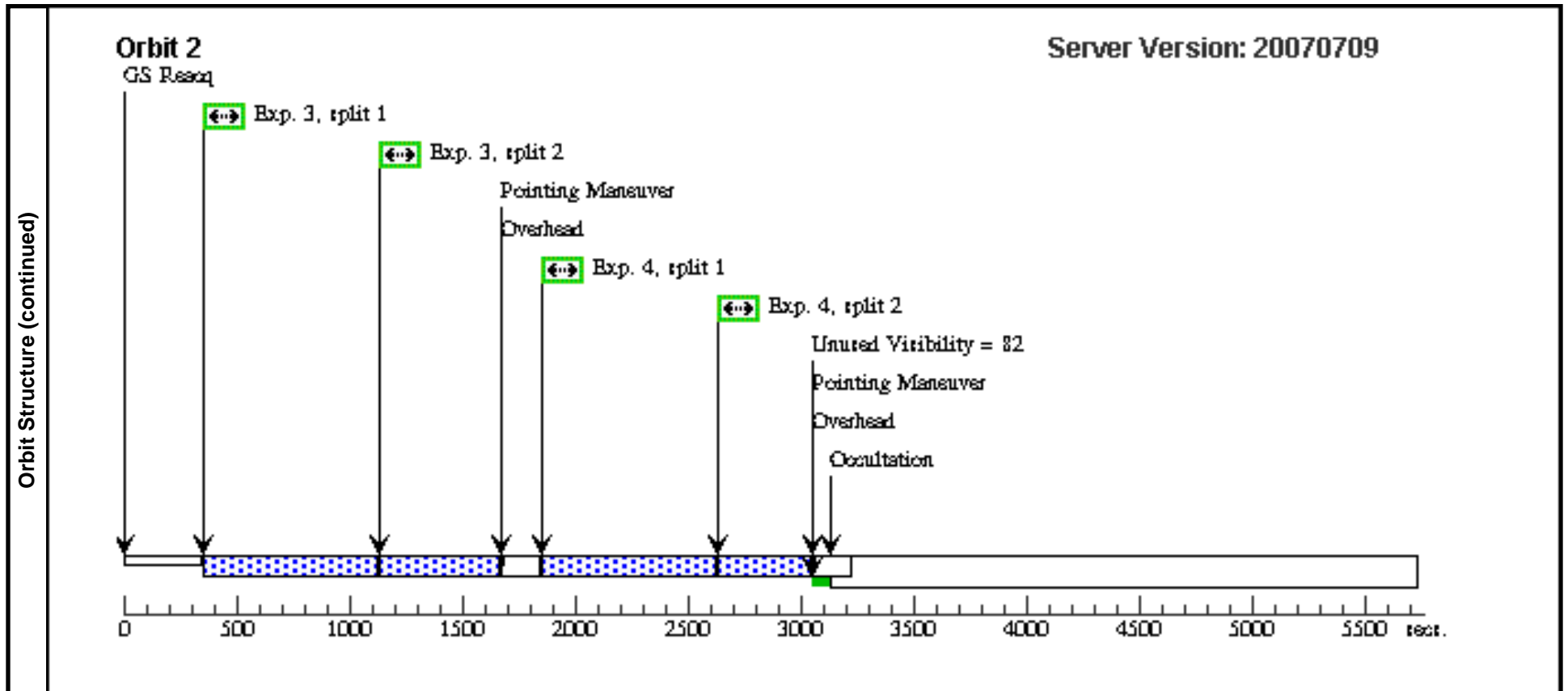
Fri Aug 17 01:05:39 GMT 2007

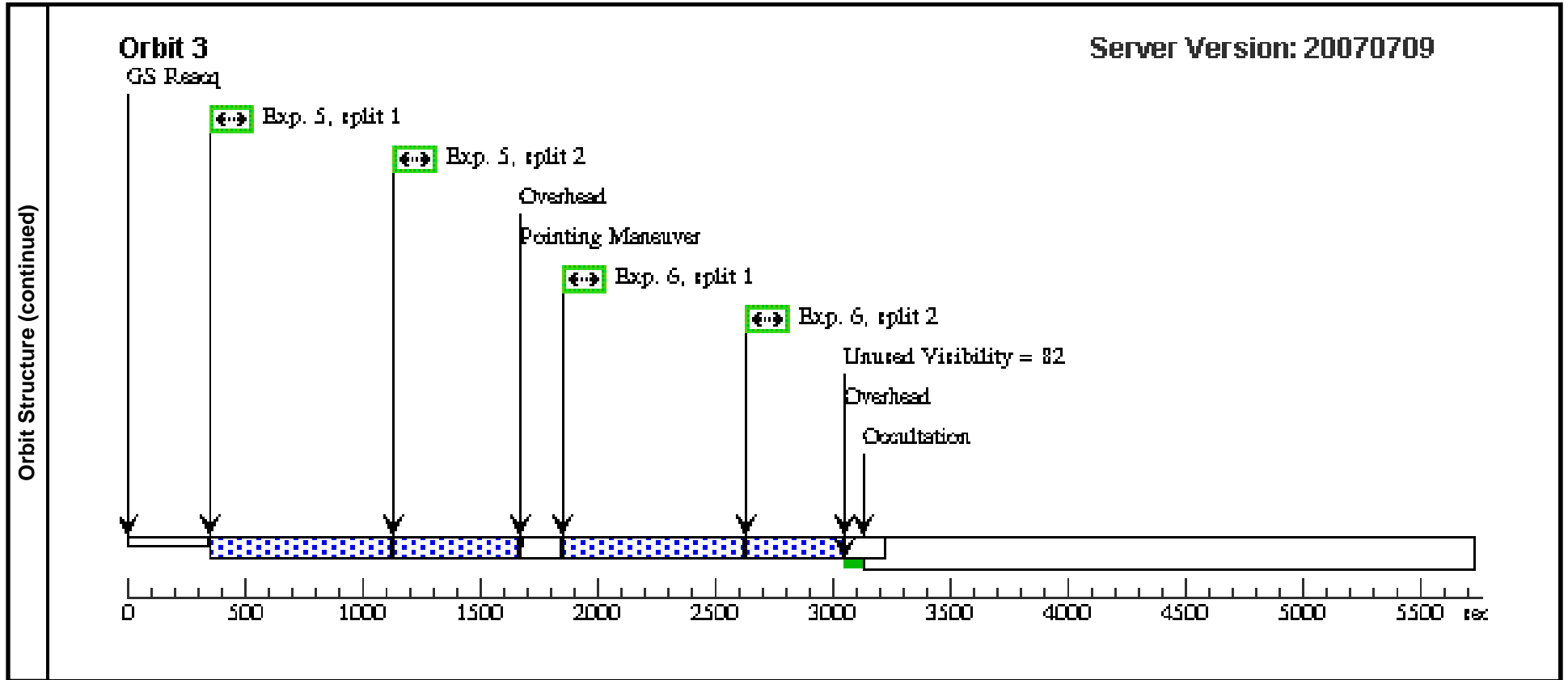
<b>Visit</b>	<b>Proposal 10787, Visit 42, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; SAME ORIENT AS 40 <i>Comments: BVI images of HCG 16 - WFPC2 pointing 4 same orient as visit 39 (pointing 1)</i>										
	(Visit 42) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 42) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 42) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 42) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 42) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 42) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>					
	(38)	HCG016-TARG7	RA: 02 09 44.7300 (32.4363750d) Dec: -10 08 14.20 (-10.13728d) Equinox: J2000		V=11.4	Reference Frame: ICRS					
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>	
	1	HCG 16 - W FPC2 B4p1 images	(38) HCG016-TARG 7	WFPC2, IMAGE, WF3	F450W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	2	HCG 16 - W FPC2 B4p2 images	(38) HCG016-TARG 7	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>										
	3	HCG 16 - W FPC2 V4p1 images	(38) HCG016-TARG 7	WFPC2, IMAGE, WF3	F606W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	4	HCG 16 - W FPC2 V4p2 images	(38) HCG016-TARG 7	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>											
5	HCG 16 - W FPC2 I4p1 images	(38) HCG016-TARG 7	WFPC2, IMAGE, WF3	F814W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[3]		

Proposal 10787 - Visit 42 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	6	HCG 16 - W (38) FPC2 14p2 i 7 images	HCG016-TARG	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[3]
	Comments: 2nd pointing, 2.5 WF pixel offset in X and Y									







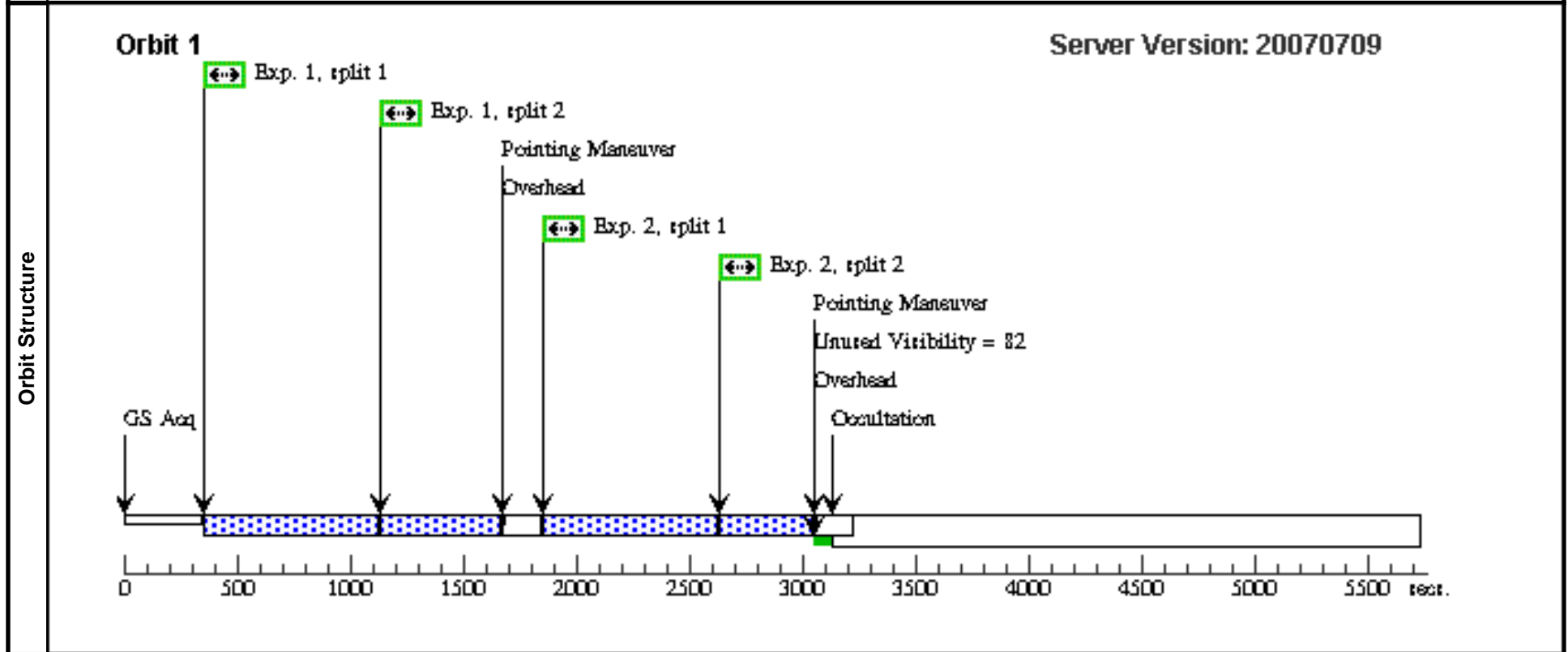
Proposal 10787 - Visit 43 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

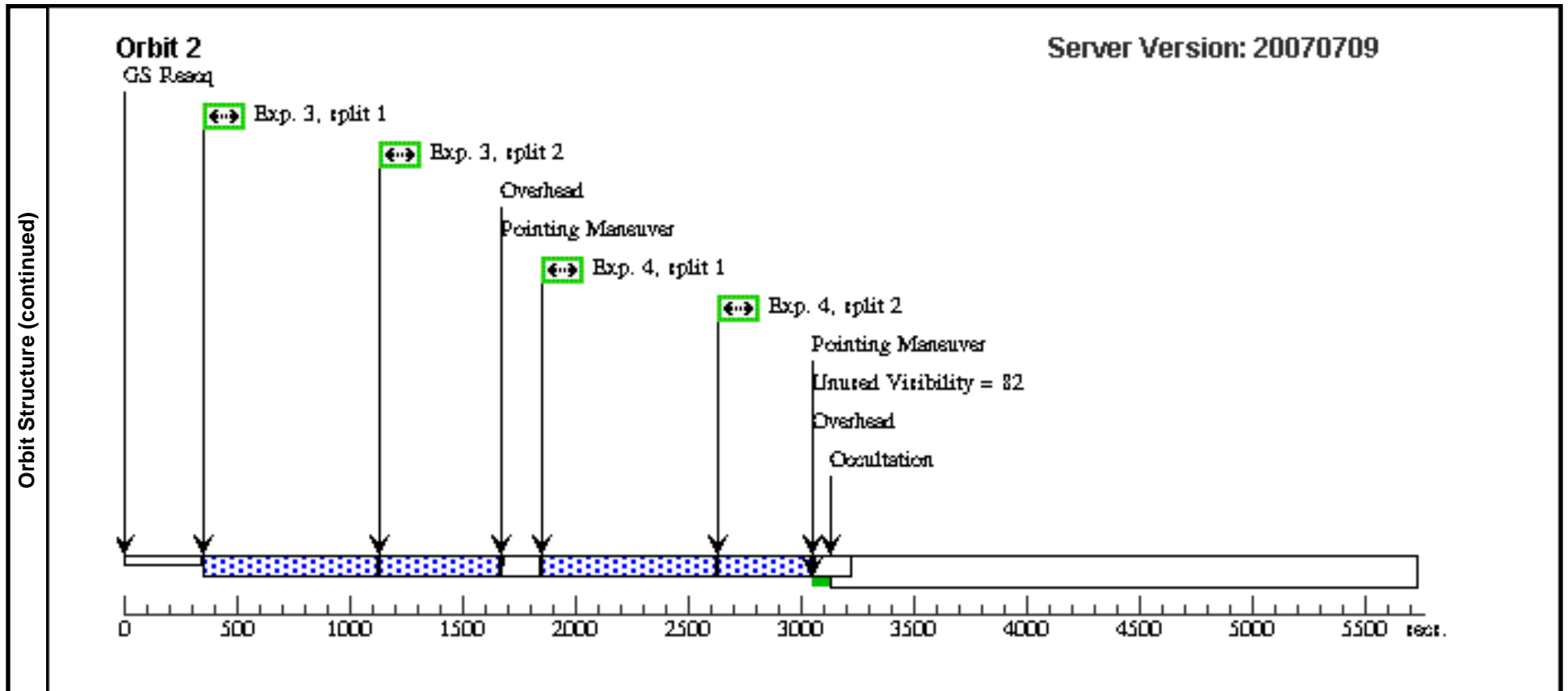
Fri Aug 17 01:05:39 GMT 2007

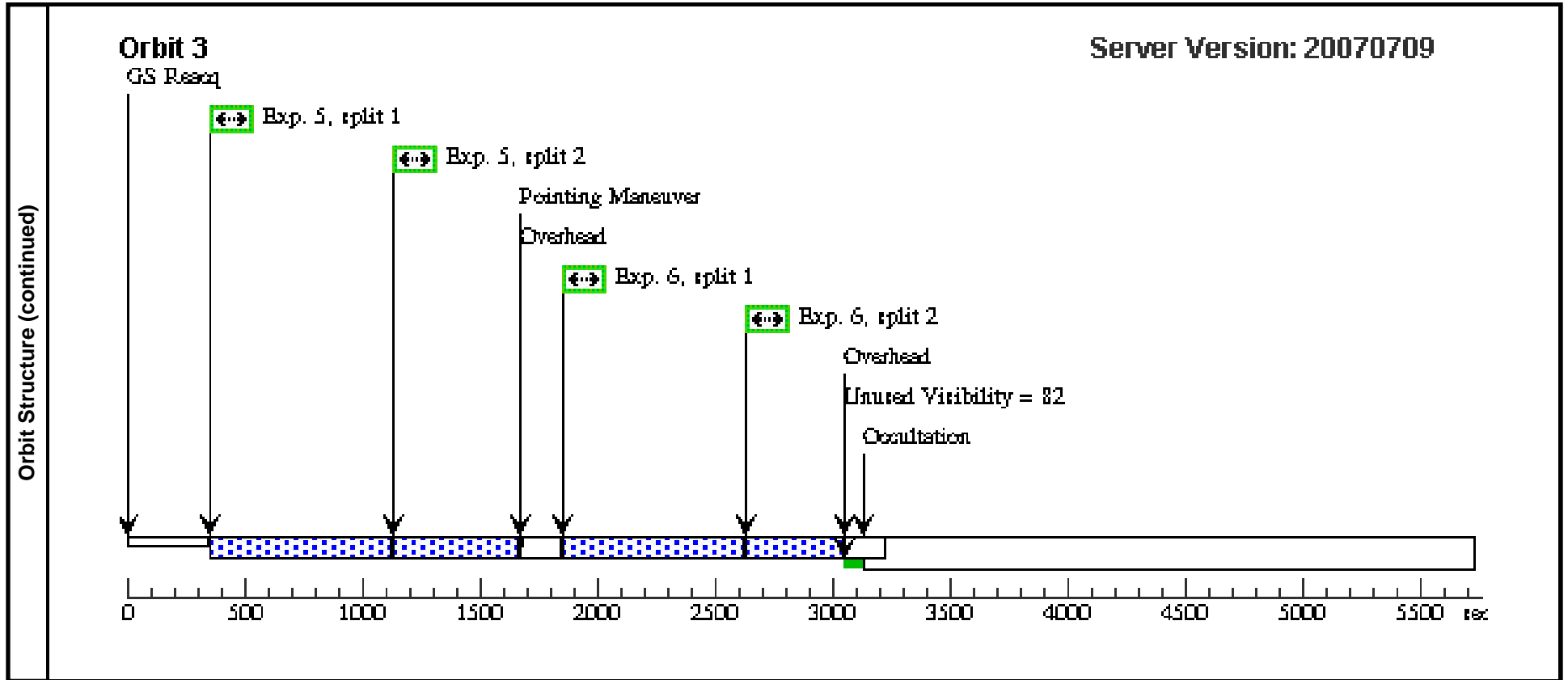
<b>Visit</b>	<b>Proposal 10787, Visit 43, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; SAME ORIENT AS 40 <i>Comments: BVI images of HCG 16 - WFPC2 pointing 5 same orient as visit 39 (pointing 1)</i>										
	(Visit 43) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 43) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 43) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 43) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 43) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 43) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>					
	(39)	HCG016-TARG8	RA: 02 09 42.9700 (32.4290417d) Dec: -10 10 55.50 (-10.18208d) Equinox: J2000		V=11.4	Reference Frame: ICRS					
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>	
	1	HCG 16 - W FPC2 B5p1 images	(39) HCG016-TARG 8	WFPC2, IMAGE, WF3	F450W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	2	HCG 16 - W FPC2 B5p2 images	(39) HCG016-TARG 8	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>										
	3	HCG 16 - W FPC2 V5p1 images	(39) HCG016-TARG 8	WFPC2, IMAGE, WF3	F606W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	4	HCG 16 - W FPC2 V5p2 images	(39) HCG016-TARG 8	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>											
5	HCG 16 - W FPC2 I5p1 images	(39) HCG016-TARG 8	WFPC2, IMAGE, WF3	F814W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[3]		

Proposal 10787 - Visit 43 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	6	HCG 16 - W (39) FPC2 I5p2 i 8 images	HCG016-TARG	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[3]
<p>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</p>										







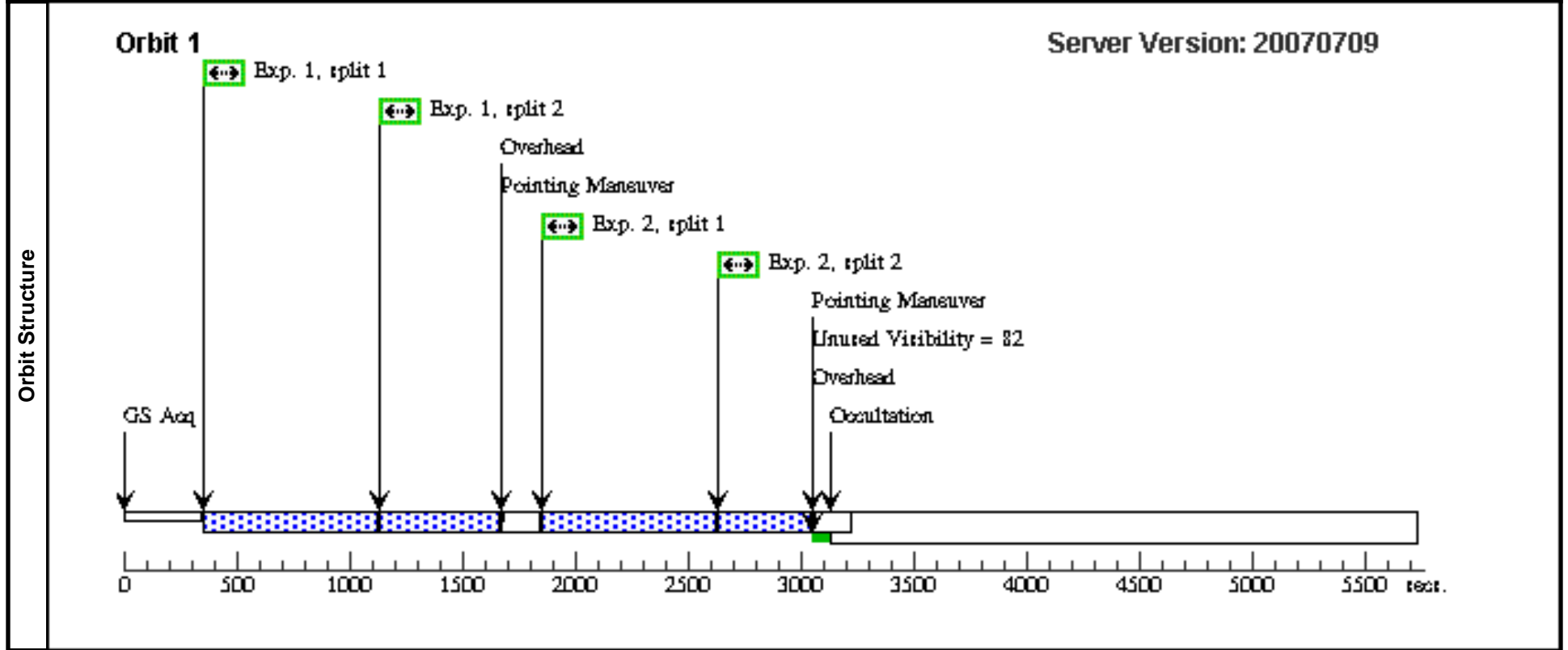
Proposal 10787 - Visit 44 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

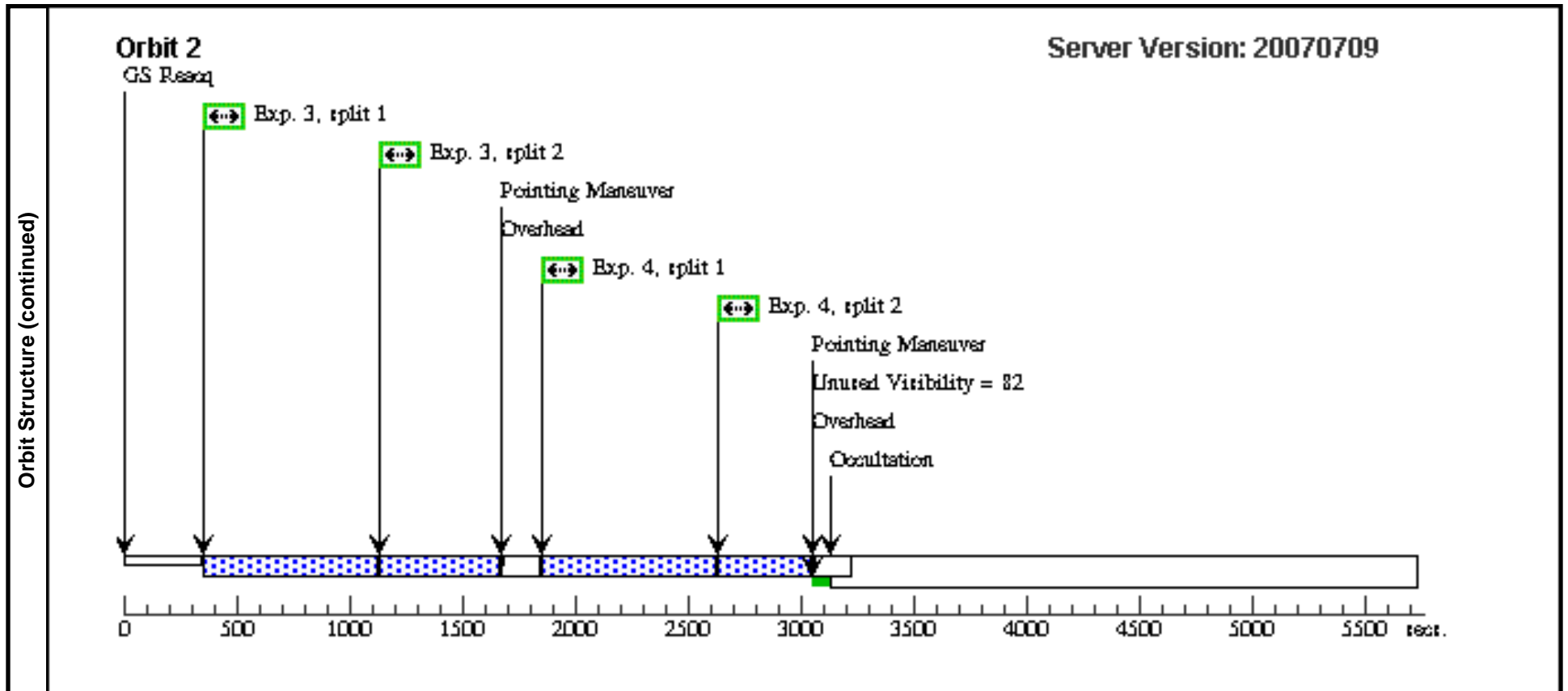
Fri Aug 17 01:05:40 GMT 2007

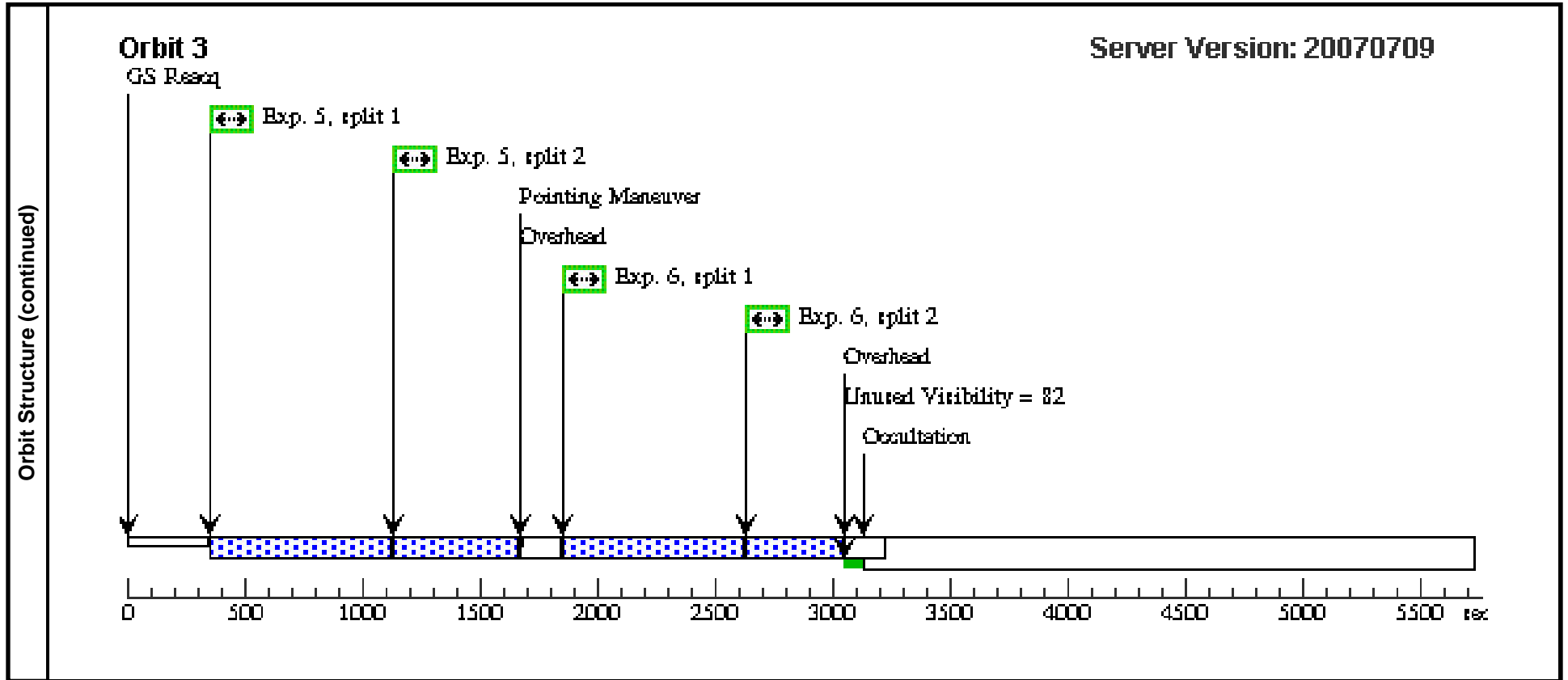
<b>Visit</b>	<b>Proposal 10787, Visit 44, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; SAME ORIENT AS 40 <i>Comments: BVI images of HCG 16 - WFPC2 pointing 6 same orient as visit 39 (pointing 1)</i>										
	(Visit 44) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 44) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 44) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 44) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 44) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 44) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>					
	(40)	HCG016-TARG9	RA: 02 09 49.6600 (32.4569167d) Dec: -10 10 25.10 (-10.17364d) Equinox: J2000		V=11.4	Reference Frame: ICRS					
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>	
	1	HCG 16 - W FPC2 B6p1 images	(40) HCG016-TARG 9	WFPC2, IMAGE, WF3	F450W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	2	HCG 16 - W FPC2 B6p2 images	(40) HCG016-TARG 9	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>										
	3	HCG 16 - W FPC2 V6p1 images	(40) HCG016-TARG 9	WFPC2, IMAGE, WF3	F606W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	4	HCG 16 - W FPC2 V6p2 images	(40) HCG016-TARG 9	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>											
5	HCG 16 - W FPC2 I6p1 images	(40) HCG016-TARG 9	WFPC2, IMAGE, WF3	F814W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[3]		

Proposal 10787 - Visit 44 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	6	HCG 16 - W (40) FPC2 16p2 i 9 images	HCG016-TARG	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[3]
	Comments: 2nd pointing, 2.5 WF pixel offset in X and Y									



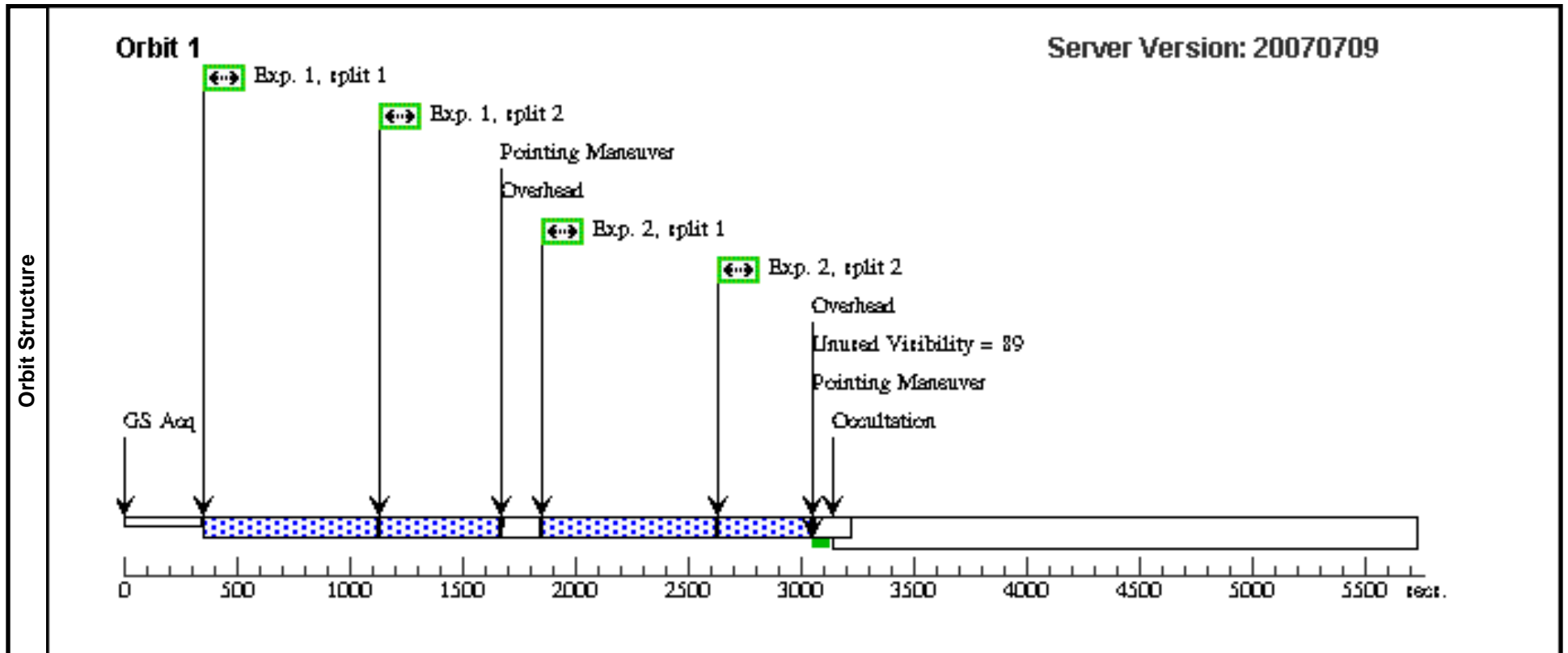


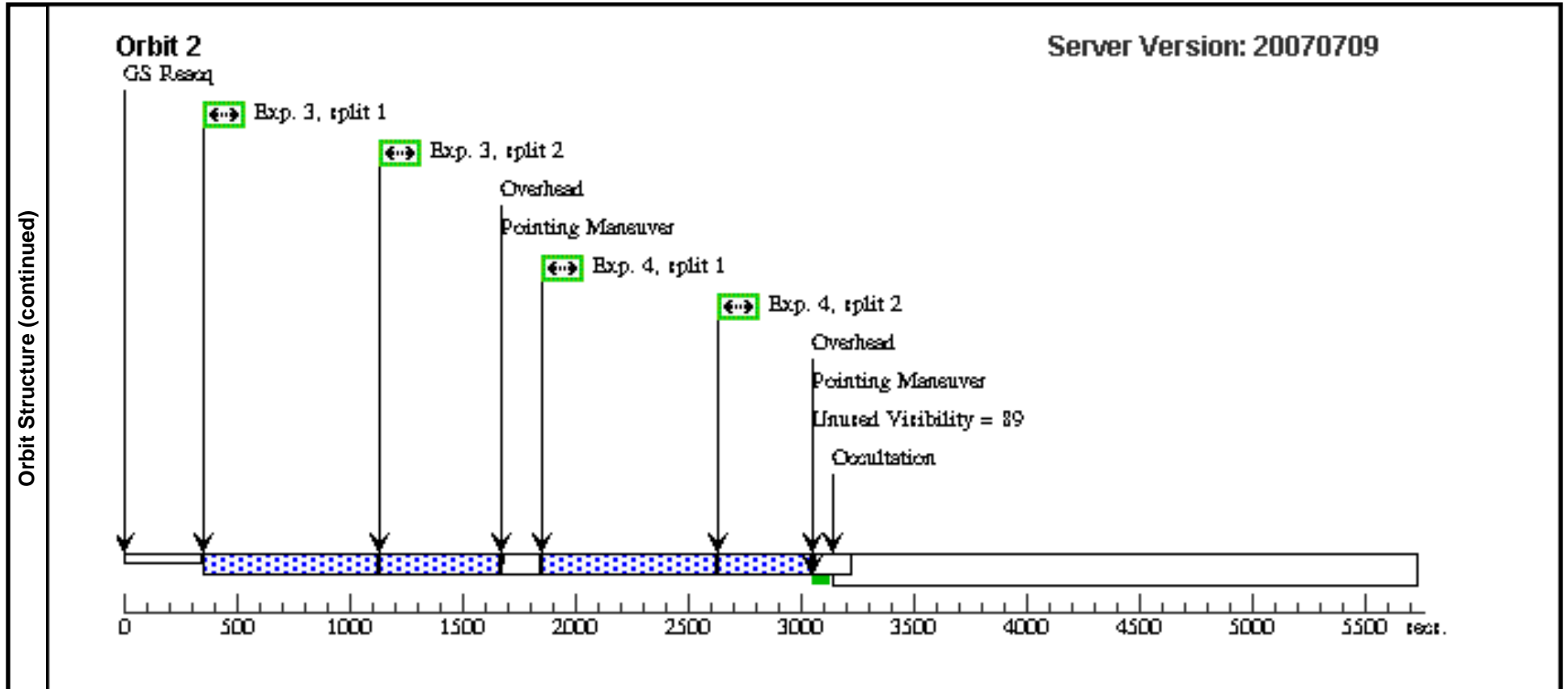


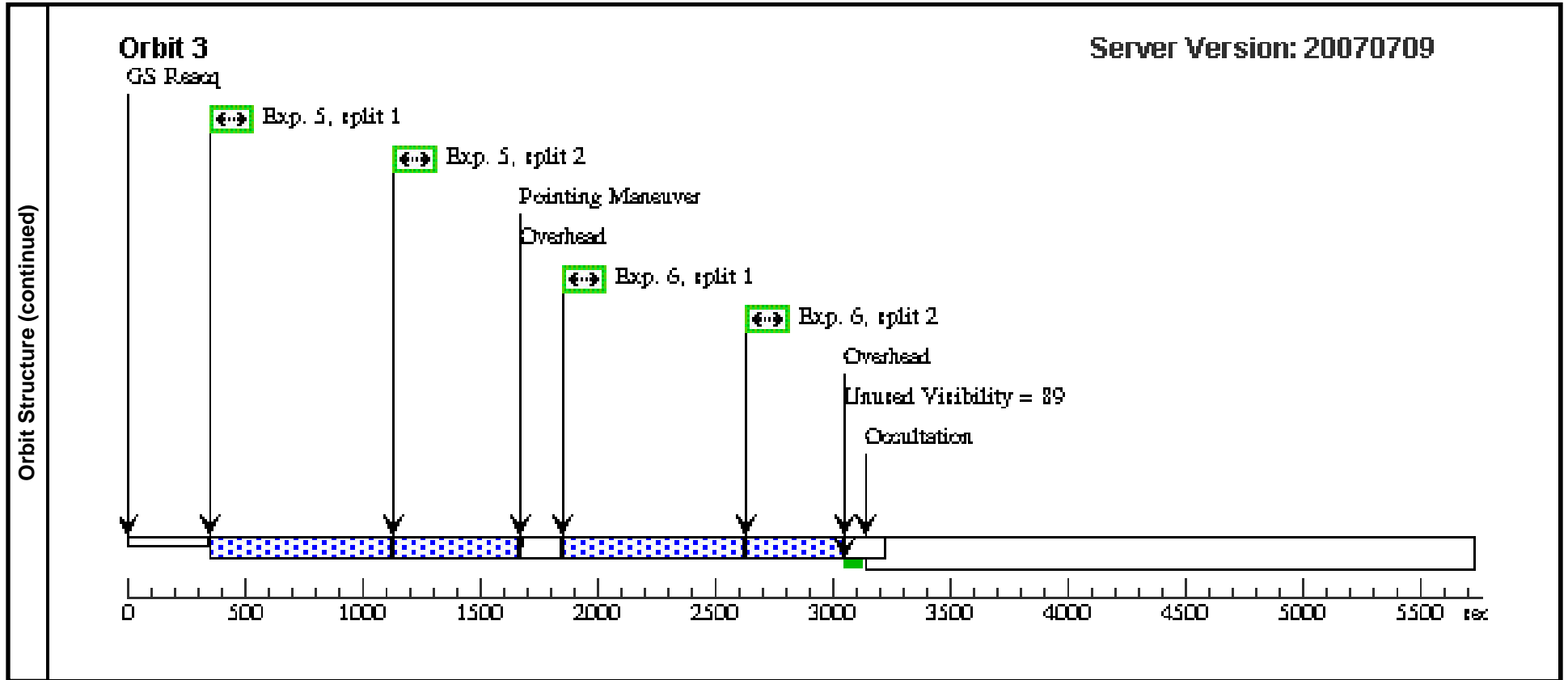
Proposal 10787 - Visit 45 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:40 GMT 2007

<b>Visit</b>	<b>Proposal 10787, Visit 45, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; ORIENT 260.0D TO 300.0 D <i>Comments: BVI images of HCG 22 - WFPC2 pointing 1</i>										
	(Visit 45) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 45) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 45) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 45) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 45) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 45) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>					
	(41)	HCG022-TARG4	RA: 03 03 38.9000 (45.9120833d) Dec: -15 36 41.30 (-15.61147d) Equinox: J2000		V=11.1	Reference Frame: ICRS					
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>	
	1	HCG 22 - W FPC2 B1p1 images	(41) HCG022-TARG 4	WFPC2, IMAGE, WF3	F450W				1000.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]	
	2	HCG 22 - W FPC2 B1p2 images	(41) HCG022-TARG 4	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]	
	<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>										
	3	HCG 22 - W FPC2 V1p1 images	(41) HCG022-TARG 4	WFPC2, IMAGE, WF3	F606W				1000.0 Secs [=>(Split 1)] [=>(Split 2)]	[2]	
	4	HCG 22 - W FPC2 V1p2 images	(41) HCG022-TARG 4	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[2]	
	<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>										
	5	HCG 22 - W FPC2 I1p1 i images	(41) HCG022-TARG 4	WFPC2, IMAGE, WF3	F814W				1000.0 Secs [=>(Split 1)] [=>(Split 2)]	[3]	
	6	HCG 22 - W FPC2 I1p2 i images	(41) HCG022-TARG 4	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[3]	
	<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>										



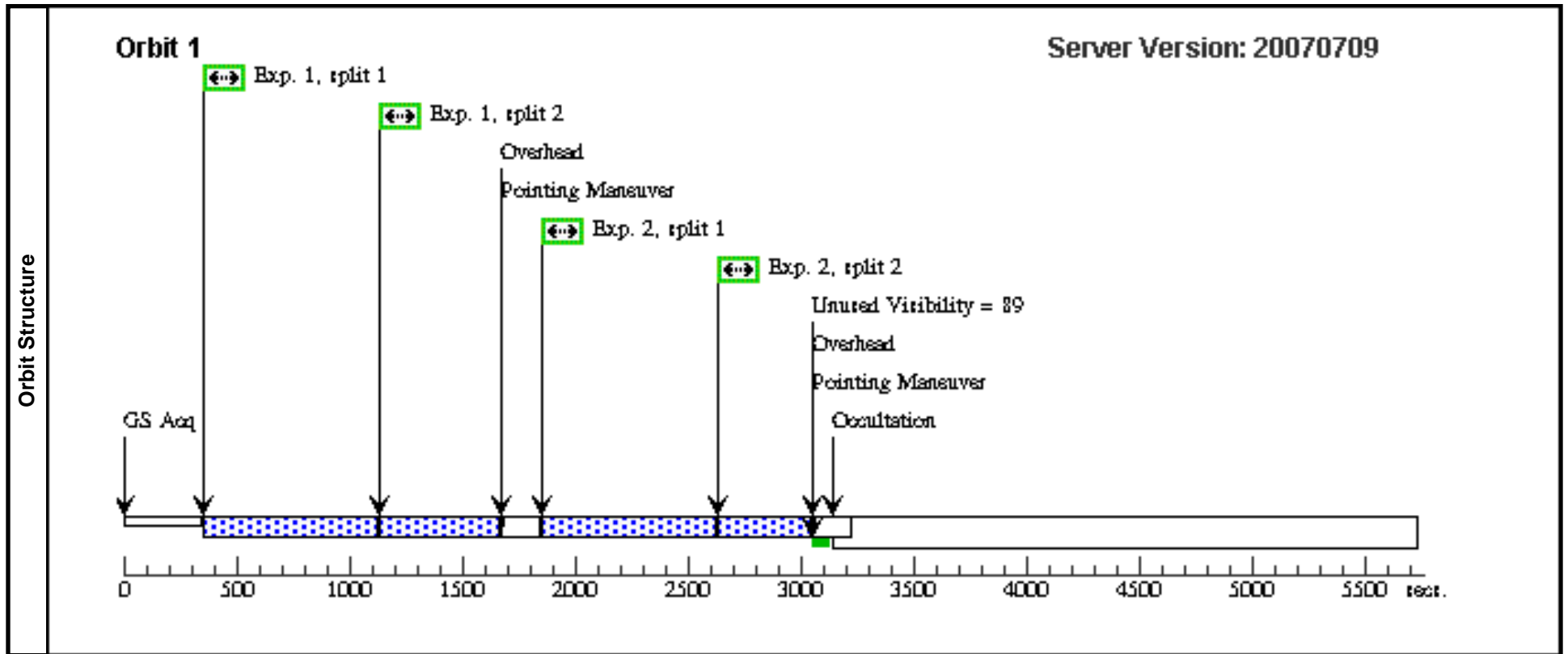


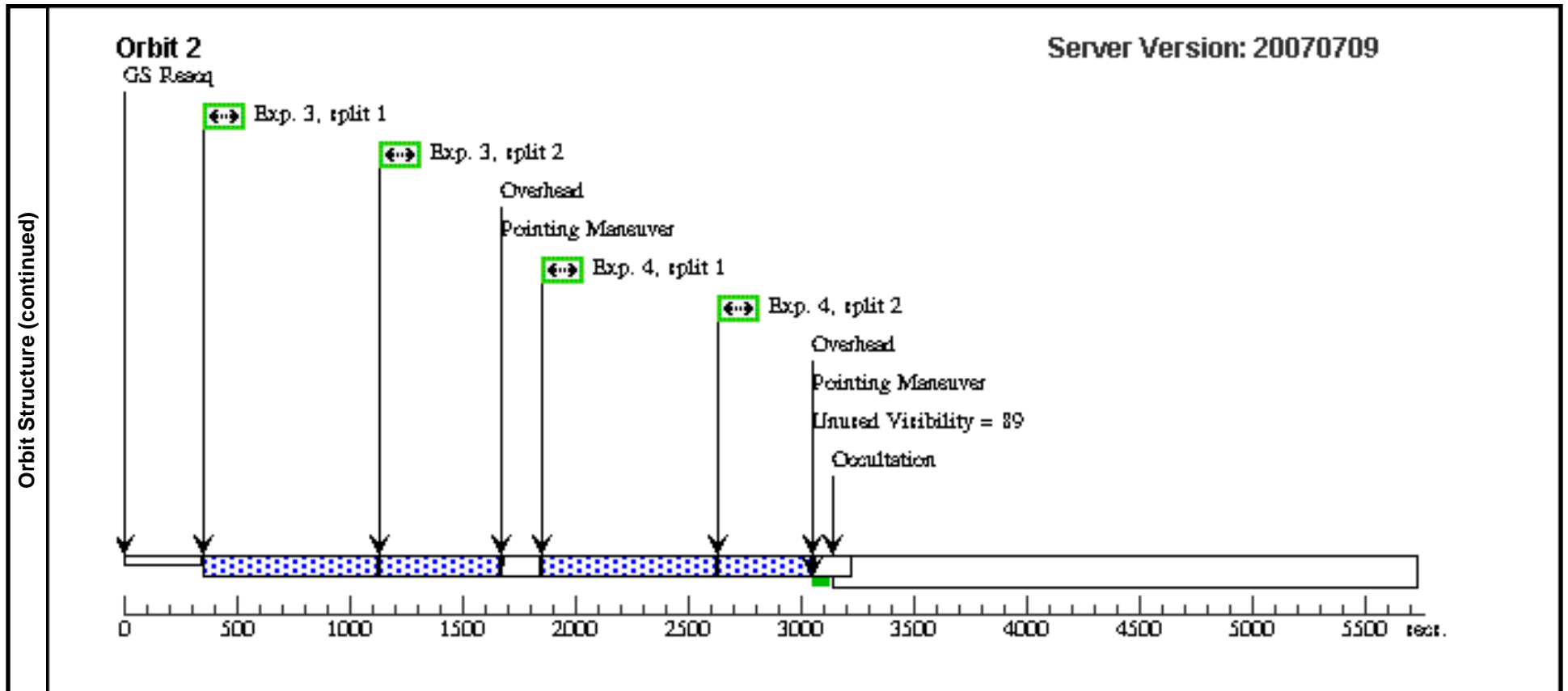


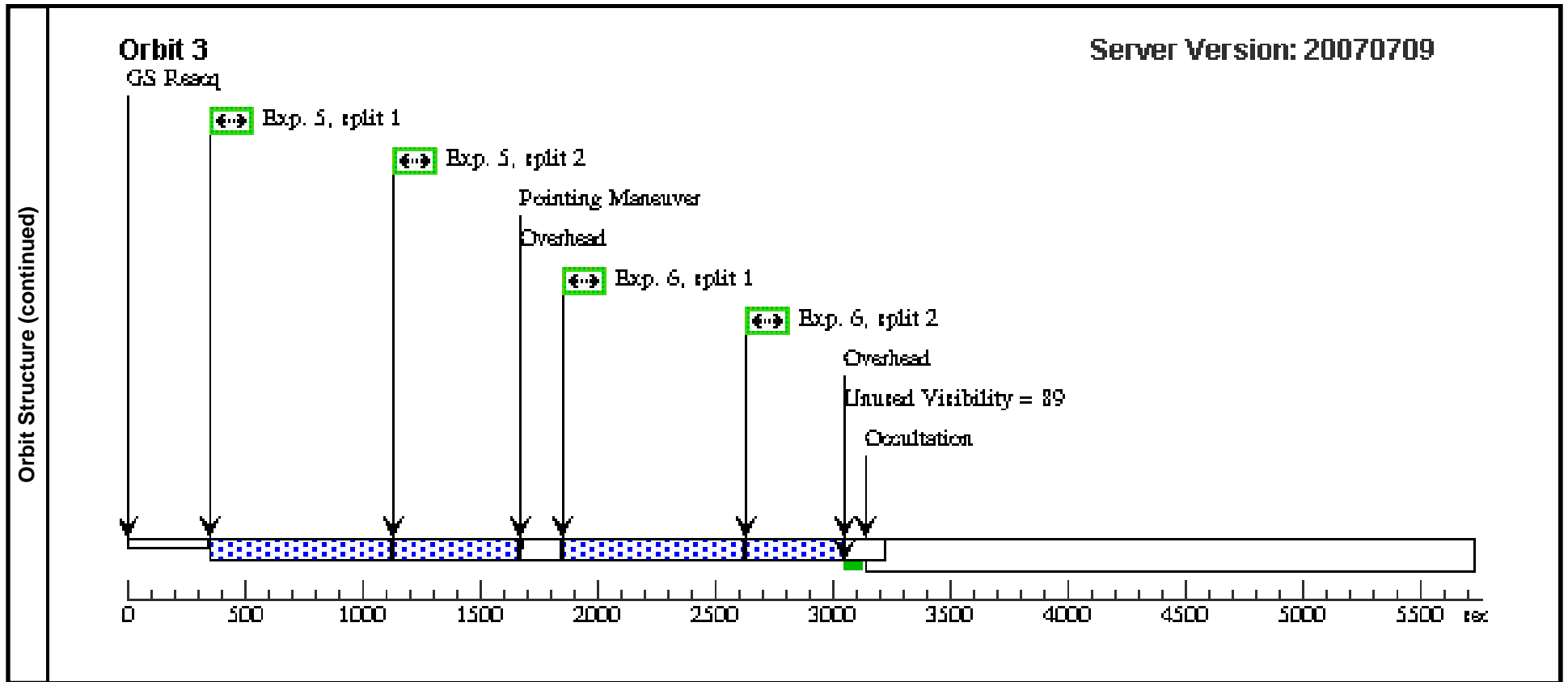
Proposal 10787 - Visit 46 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Fri Aug 17 01:05:41 GMT 2007

<b>Visit</b>	<b>Proposal 10787, Visit 46, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; ORIENT 260.0D TO 300.0 D <i>Comments: BVI images of HCG 22 - WFPC2 pointing 2</i>																																																																																																												
	<b>Diagnosics</b> (Visit 46) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 46) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 46) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 46) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 46) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 46) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC																																																																																																												
<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(42)</td> <td>HCG022-TARG5</td> <td>RA: 03 03 24.2500 (45.8510417d) Dec: -15 37 22.12 (-15.62281d) Equinox: J2000</td> <td></td> <td>V=11.1</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(42)	HCG022-TARG5	RA: 03 03 24.2500 (45.8510417d) Dec: -15 37 22.12 (-15.62281d) Equinox: J2000		V=11.1	Reference Frame: ICRS																																																																																							
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																																																																																							
(42)	HCG022-TARG5	RA: 03 03 24.2500 (45.8510417d) Dec: -15 37 22.12 (-15.62281d) Equinox: J2000		V=11.1	Reference Frame: ICRS																																																																																																								
<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>HCG 22 - W FPC2 B2p1 images</td> <td>(42) HCG022-TARG 5</td> <td>WFPC2, IMAGE, WF3</td> <td>F450W</td> <td></td> <td></td> <td></td> <td>1000.0 Secs [==&gt;(Split 1)] [==&gt;(Split 2)]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>HCG 22 - W FPC2 B2p2 images</td> <td>(42) HCG022-TARG 5</td> <td>WFPC2, IMAGE, WF3</td> <td>F450W</td> <td>CR-SPLIT=0.5556</td> <td>POS TARG 0.25,0.2 5</td> <td></td> <td>901.0 Secs [==&gt;(Split 1)] [==&gt;(Split 2)]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i></td> </tr> <tr> <td>3</td> <td>HCG 22 - W FPC2 V2p1 images</td> <td>(42) HCG022-TARG 5</td> <td>WFPC2, IMAGE, WF3</td> <td>F606W</td> <td></td> <td></td> <td></td> <td>1000.0 Secs [==&gt;(Split 1)] [==&gt;(Split 2)]</td> <td>[2]</td> </tr> <tr> <td>4</td> <td>HCG 22 - W FPC2 V2p2 images</td> <td>(42) HCG022-TARG 5</td> <td>WFPC2, IMAGE, WF3</td> <td>F606W</td> <td>CR-SPLIT=0.5556</td> <td>POS TARG 0.25,0.2 5</td> <td></td> <td>901.0 Secs [==&gt;(Split 1)] [==&gt;(Split 2)]</td> <td>[2]</td> </tr> <tr> <td colspan="10"><i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i></td> </tr> <tr> <td>5</td> <td>HCG 22 - W FPC2 I2p1 i mages</td> <td>(42) HCG022-TARG 5</td> <td>WFPC2, IMAGE, WF3</td> <td>F814W</td> <td></td> <td></td> <td></td> <td>1000.0 Secs [==&gt;(Split 1)] [==&gt;(Split 2)]</td> <td>[3]</td> </tr> <tr> <td>6</td> <td>HCG 22 - W FPC2 I2p2 i mages</td> <td>(42) HCG022-TARG 5</td> <td>WFPC2, IMAGE, WF3</td> <td>F814W</td> <td>CR-SPLIT=0.5556</td> <td>POS TARG 0.25,0.2 5</td> <td></td> <td>901.0 Secs [==&gt;(Split 1)] [==&gt;(Split 2)]</td> <td>[3]</td> </tr> <tr> <td colspan="10"><i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i></td> </tr> </tbody> </table>										#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	HCG 22 - W FPC2 B2p1 images	(42) HCG022-TARG 5	WFPC2, IMAGE, WF3	F450W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]	2	HCG 22 - W FPC2 B2p2 images	(42) HCG022-TARG 5	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]	<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>										3	HCG 22 - W FPC2 V2p1 images	(42) HCG022-TARG 5	WFPC2, IMAGE, WF3	F606W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]	4	HCG 22 - W FPC2 V2p2 images	(42) HCG022-TARG 5	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]	<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>										5	HCG 22 - W FPC2 I2p1 i mages	(42) HCG022-TARG 5	WFPC2, IMAGE, WF3	F814W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[3]	6	HCG 22 - W FPC2 I2p2 i mages	(42) HCG022-TARG 5	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[3]	<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>									
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																																																																																																				
1	HCG 22 - W FPC2 B2p1 images	(42) HCG022-TARG 5	WFPC2, IMAGE, WF3	F450W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]																																																																																																				
2	HCG 22 - W FPC2 B2p2 images	(42) HCG022-TARG 5	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]																																																																																																				
<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>																																																																																																													
3	HCG 22 - W FPC2 V2p1 images	(42) HCG022-TARG 5	WFPC2, IMAGE, WF3	F606W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]																																																																																																				
4	HCG 22 - W FPC2 V2p2 images	(42) HCG022-TARG 5	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]																																																																																																				
<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>																																																																																																													
5	HCG 22 - W FPC2 I2p1 i mages	(42) HCG022-TARG 5	WFPC2, IMAGE, WF3	F814W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[3]																																																																																																				
6	HCG 22 - W FPC2 I2p2 i mages	(42) HCG022-TARG 5	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[3]																																																																																																				
<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>																																																																																																													







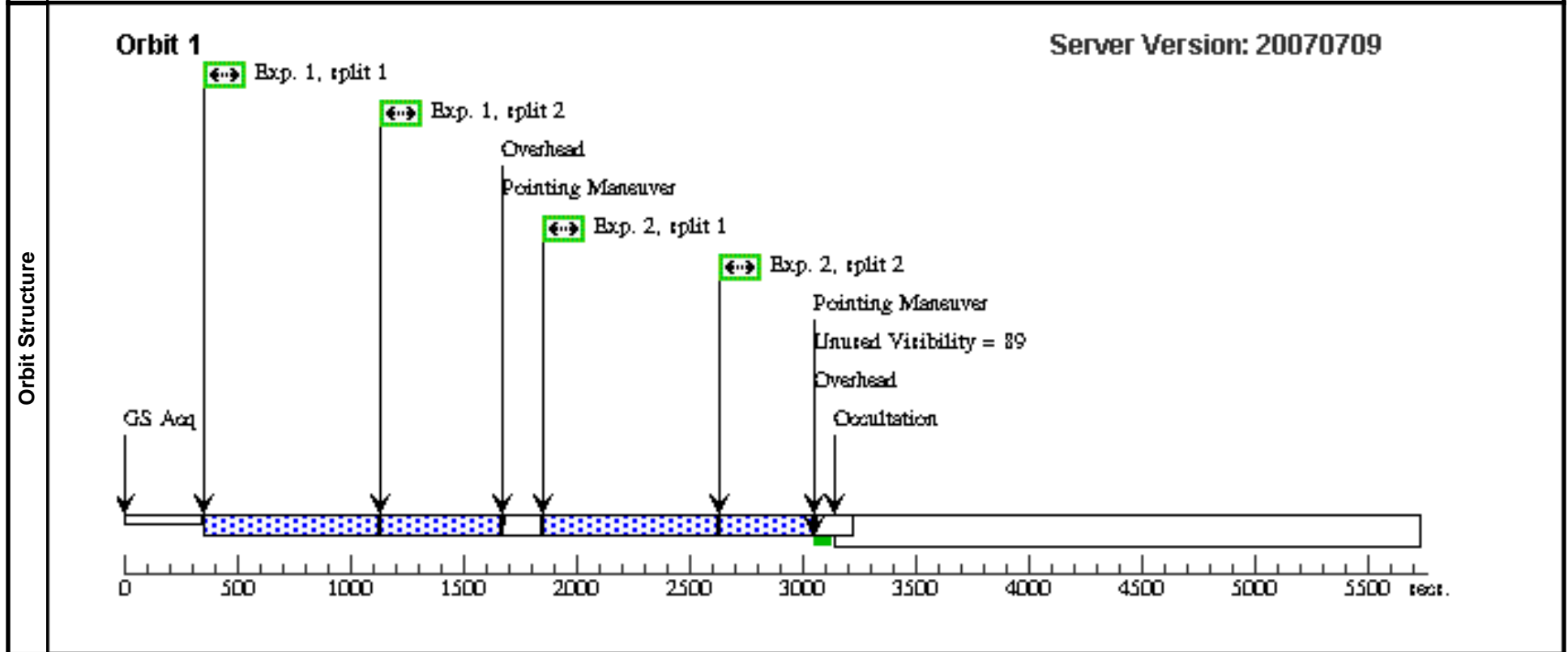
Proposal 10787 - Visit 47 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

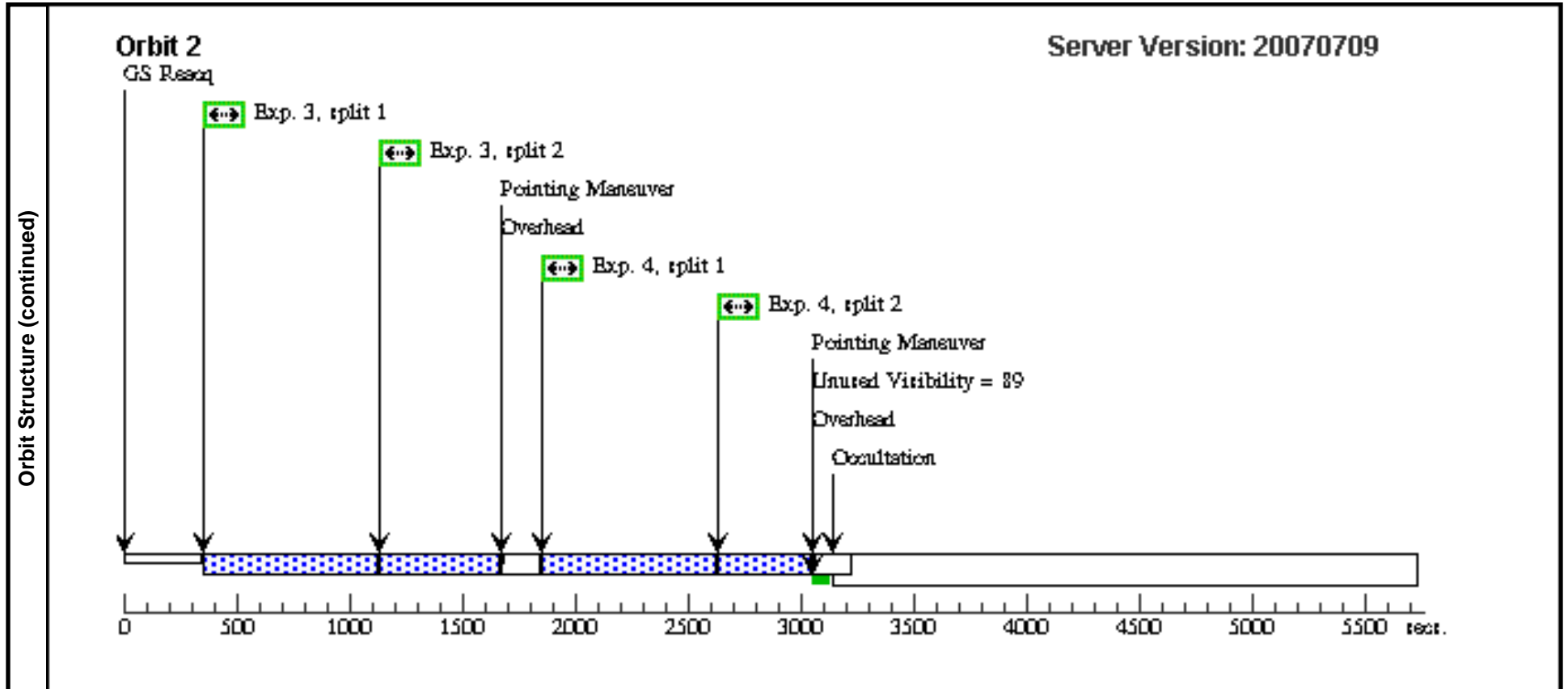
Fri Aug 17 01:05:41 GMT 2007

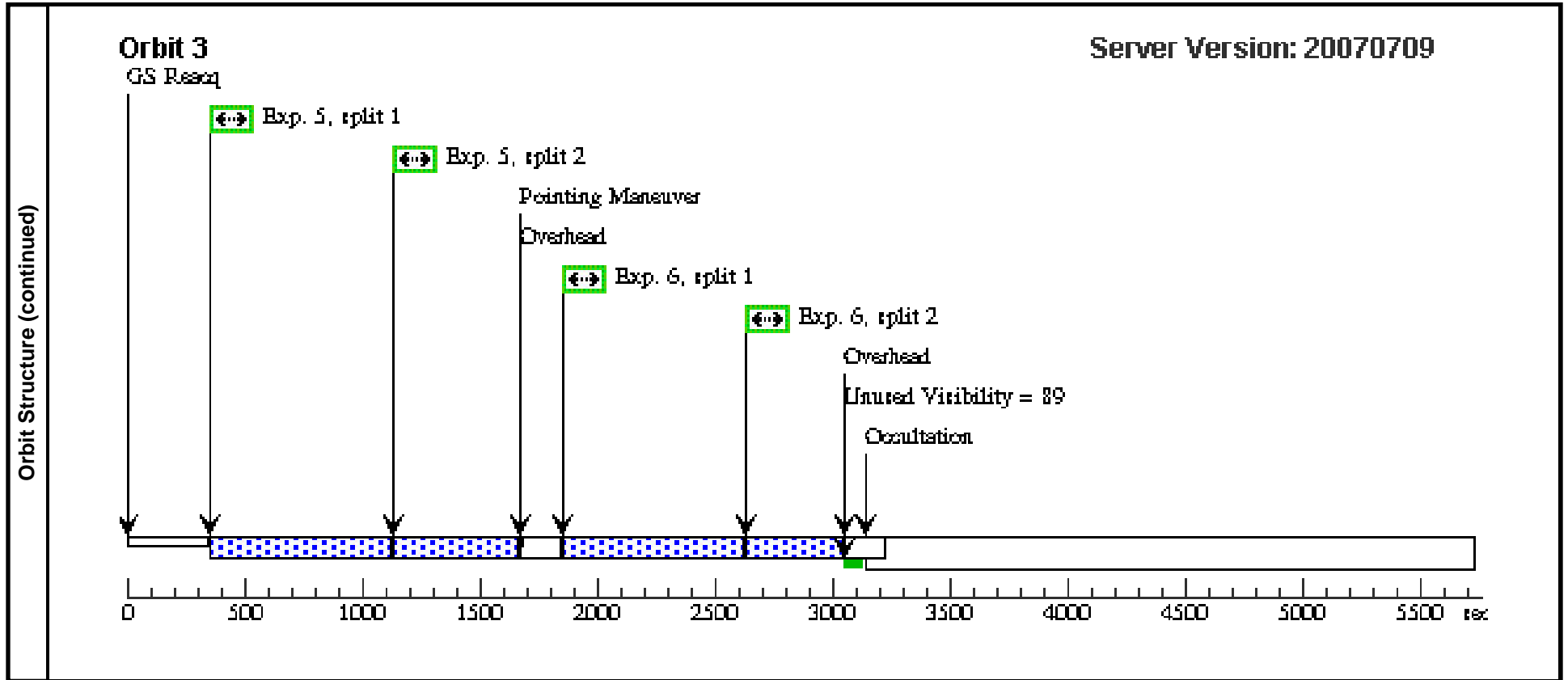
<b>Visit</b>	<b>Proposal 10787, Visit 47, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; SAME ORIENT AS 46 Comments: BVI images of HCG 22 - WFPC2 pointing 3 same orient as visit 46 (pointing 2)										
	(Visit 47) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 47) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 47) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 47) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 47) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 47) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>					
	(43)	HCG022-TARG6	RA: 03 03 26.0900 (45.8587083d) Dec: -15 39 49.30 (-15.66369d) Equinox: J2000		V=11.1	Reference Frame: ICRS					
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>	
	1	HCG 22 - W FPC2 B3p1 images	(43) HCG022-TARG 6	WFPC2, IMAGE, WF3	F450W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	2	HCG 22 - W FPC2 B3p2 images	(43) HCG022-TARG 6	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
	<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>										
	3	HCG 22 - W FPC2 V3p1 images	(43) HCG022-TARG 6	WFPC2, IMAGE, WF3	F606W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
	4	HCG 22 - W FPC2 V3p2 images	(43) HCG022-TARG 6	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [==>(Split 1)] [==>(Split 2)]	[2]	
<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>											
5	HCG 22 - W FPC2 I3p1 images	(43) HCG022-TARG 6	WFPC2, IMAGE, WF3	F814W				1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[3]		

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Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	6	HCG 22 - W (43) FPC2 I3p2 i 6 images	HCG022-TARG	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[3]
<p>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</p>										







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<b>Visit</b>	<b>Proposal 10787, Visit 48, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFPC2 Special Requirements: PCS MODE FINE; SAME ORIENT AS 46 <i>Comments: BVI images of HCG 22 - WFPC2 pointing 4 same orient as visit 46 (pointing 2)</i>										
	(Visit 48) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 48) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 48) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 48) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 48) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC (Visit 48) Warning (OP): EXPOSURE TIME DECREASED FOR WFPC										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>					
	(44)	HCG022-TARG7	RA: 03 03 31.3000 (45.8804167d) Dec: -15 37 36.00 (-15.62667d) Equinox: J2000		V=11.1	Reference Frame: ICRS					
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>	
	1	HCG 22 - W FPC2 B4p1 images	(44) HCG022-TARG 7	WFPC2, IMAGE, WF3	F450W				1000.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]	
	2	HCG 22 - W FPC2 B4p2 images	(44) HCG022-TARG 7	WFPC2, IMAGE, WF3	F450W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]	
	<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>										
	3	HCG 22 - W FPC2 V4p1 images	(44) HCG022-TARG 7	WFPC2, IMAGE, WF3	F606W				1000.0 Secs [=>(Split 1)] [=>(Split 2)]	[2]	
	4	HCG 22 - W FPC2 V4p2 images	(44) HCG022-TARG 7	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[2]	
<i>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</i>											
5	HCG 22 - W FPC2 I4p1 images	(44) HCG022-TARG 7	WFPC2, IMAGE, WF3	F814W				1000.0 Secs [=>(Split 1)] [=>(Split 2)]	[3]		

Proposal 10787 - Visit 48 - Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory

Exposures (continued)	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	6	HCG 22 - W FPC2 14p2 i mages	(44) HCG022-TARG	WFPC2, IMAGE, WF3	F814W	CR-SPLIT=0.5556	POS TARG 0.25,0.2 5		901.0 Secs [=>(Split 1)] [=>(Split 2)]	[3]
<p>Comments: 2nd pointing, 2.5 WF pixel offset in X and Y</p>										

