



14066 - Hi-PEEC, Hubble imaging Probe of Extreme Environments and Clusters

Cycle: 23, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Angela Adamo (PI) (ESA Member) (Contact)	Stockholm University	adamo@astro.su.se
Dr. Linda J. Smith (CoI) (ESA Member) (Contact)	Space Telescope Science Institute - ESA	lsmith@stsci.edu
Prof. John S. Gallagher III (CoI) (AdminUSPI)	University of Wisconsin - Madison	jsg@astro.wisc.edu
Dr. Nate Bastian (CoI) (ESA Member)	Liverpool John Moores University	n.j.bastian@ljmu.ac.uk
Ms. Jenna Ryon (CoI)	University of Wisconsin - Madison	ryon@astro.wisc.edu
Prof. Susanne Aalto (CoI) (ESA Member)	Chalmers University of Technology	saalto@chalmers.se
Mr. Ivan Cabrera-Ziri (CoI) (ESA Member)	Liverpool John Moores University	i.cabreraziricastro@2013.ljmu.ac.uk
Prof. Daniela Calzetti (CoI)	University of Massachusetts - Amherst	calzetti@astro.umass.edu
Ms. Katie Hollyhead (CoI) (ESA Member)	Liverpool John Moores University	k.hollyhead@2013.ljmu.ac.uk
Dr. Sabine Koenig (CoI) (ESA Member)	Institut de Radioastronomie Millimetrique, Grenoble	koenig@iram.fr
Dr. Diederik Kruijssen (CoI) (ESA Member)	Max-Planck-Institut fur Astrophysik	kruijssen@mpa-garching.mpg.de
Dr. Soeren S. Larsen (CoI) (ESA Member)	Radboud Universiteit Nijmegen	s.larsen@astro.ru.nl
Mr. Matteo Messa (CoI) (ESA Member)	Stockholm University	matteo.messa@astro.su.se
Prof. Thomas K. Henning (CoI) (ESA Member)	Max-Planck-Institut fur Astronomie, Heidelberg	henning@mpia-hd.mpg.de
Dr. Matthew Hayes (CoI) (ESA Member)	Stockholm University	matthew@astro.su.se
Prof. Goeran Oestlin (CoI) (ESA Member)	Stockholm University	ostlin@astro.su.se
Dr. Esteban Silva-Villa (CoI)	Universidad de Antioquia	esteban.silva.villa@gmail.com
Mr. Johannes Puschnig (CoI) (ESA Member)	Stockholm University	johannes.puschnig@astro.su.se
Dr. Vivienne Wild (CoI) (ESA Member)	University of St. Andrews	vw8@st-andrews.ac.uk
Dr. Erik Zackrisson (CoI) (ESA Member)	Uppsala Astronomical Observatory	erik.zackrisson@physics.uu.se
Dr. Elena Sabbi (CoI)	Space Telescope Science Institute	sabbi@stsci.edu

VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) NGC-34	WFC3/UVIS	5	03-Nov-2015 21:16:29.0	yes
02	(2) NGC-1614	WFC3/UVIS	4	03-Nov-2015 21:16:33.0	yes
03	(3) NGC-3690	WFC3/UVIS	1	03-Nov-2015 21:16:35.0	yes
04	(7) ESO-400-43	WFC3/UVIS	4	03-Nov-2015 21:16:38.0	yes
05	(5) NGC-6052	WFC3/UVIS	5	03-Nov-2015 21:16:42.0	yes
07	(6) NGC-4194	WFC3/UVIS	2	03-Nov-2015 21:16:44.0	yes

21 Total Orbits Used

ABSTRACT

Starburst events play a major role in shaping the stellar content of galaxies at high redshift, due to the strongly enhanced gas fractions and merger rates in comparison to present-day galaxies. The fossils of those starburst episodes, the globular clusters (GCs), are outstanding witnesses to the dramatic changes that occurred in their host galaxies. To understand and interpret the rapid evolution occurring in starbursts at any redshift, we need to probe how the intensified duty cycle of gas consumption changes the nature of young massive cluster (YMC) populations. We therefore propose Hi-PEEC, an UV-optical study of YMCs in a uniquely accessible sample of 6 starbursts located in the nearby ($D < 80$ Mpc) universe. Our targets have star formation rates higher than or comparable to the Antennae, and rich cluster populations. Monte Carlo simulations, including realistic assumptions of recent burst events and extinction gradients, prove our abilities to recover YMC properties (age, masses, extinction) inside the requested detection limits. We will be able to study the efficiency by which clusters form, the formation modes of the most massive clusters, their age and spatial distributions in mergers, as well as obtain insights into the recent star formation histories of the host galaxies. This proposal is aimed at unveiling the role of starburst environments in shaping the process of star and cluster formation. These studies will have important implications for our understanding of GC formation and will constitute a reference sample for future infrared-limited studies of the highly star-forming and heavily extinguished counterpart galaxies with the JWST.

OBSERVING DESCRIPTION

Proposal 14066 (STScI Edit Number: 0, Created: Tuesday, November 3, 2015 9:16:46 PM EST) - Overview

Three different patterns, 4-points, 3-points, 2-points, have been used throughout the visits. The offsets of each pattern are given in the POS TARG keyword. The offsets have been chosen to take into account the:

- 1) gap between the chips (1.2 arcsec);
- 2) subsampling of the PSF (half pixel or a third of a pixel shift have been included if the pattern is a multiple of 2 or 3, respectively)
- 3) remove droplets (shift of 4 arcsec required).

The standard 4-pointing pattern has the following coordinate in arcsec: (0,0), (-3.69,1.31), (-2.5, -2.44), (1.19,-3.75)

The standard 3-pointing pattern is: (0,0), (1.34,3.94), (-1.34, -3.94)

The 2-pointing pattern: (0,0), (1.44, 4.04)

Extra offsets have been added if the target is placed off of the UVIS-FIX, UVIS1-FIX, UVIS2-FIX position. Usually the main body of the galaxy has been placed in the UVIS1 chip. The tidal tails are in the UVIS2 chip, more sensitive in the UV, and therefore, optimal to detect clusters in these low surface density structures.

ii) The length of the single exposure has been optimized taking into account that the blue filters and the narrow band one have lower background and required higher post-flash. Therefore one can see that the single exposures of these filters when possible can reach 1100 sec length. This length has been used only if at least 4 of such exposures could be taken per single filter.

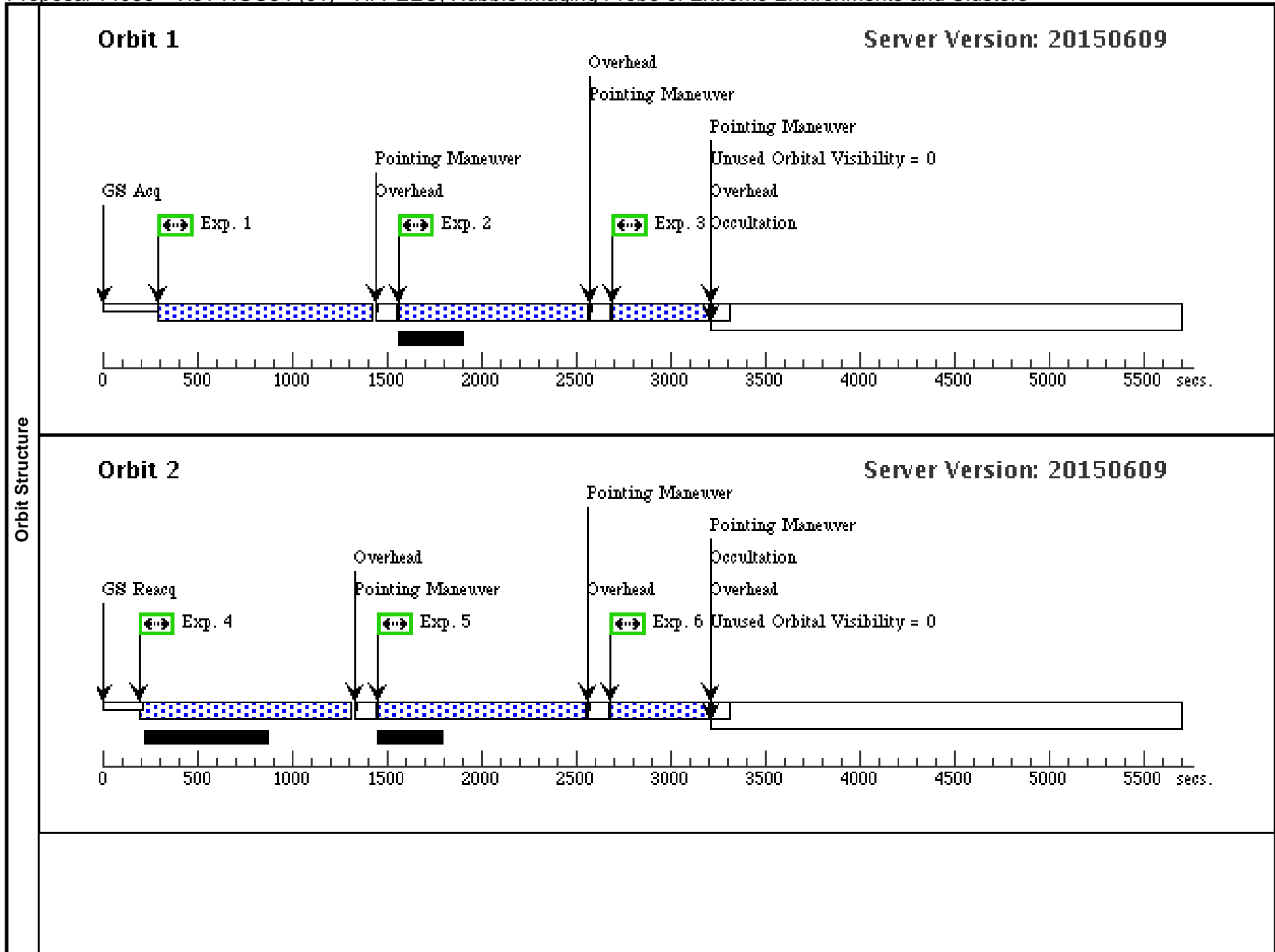
iii) The position and orientation of the field of view has been mostly based on: 1) including as many as possible of the tidal tails visible at low surface brightness (see images included at the end of this document); 2) avoiding having bright stars at the corner of the quadrants to prevent 8-shape ghost from appearing close to the target or on top of the tidal features; 3) avoiding having bright stars outside of the edges of the chips and closer than 20 arcsec because could cause dragon breath of the frames.

In some cases the target visibility is quite reduced by the choice of the orient, any suggestion for improvement of the visibility of the target is very welcome.

Proposal 14066 - Vis1-NGC34 (01) - Hi-PEEC, Hubble imaging Probe of Extreme Environments and Clusters

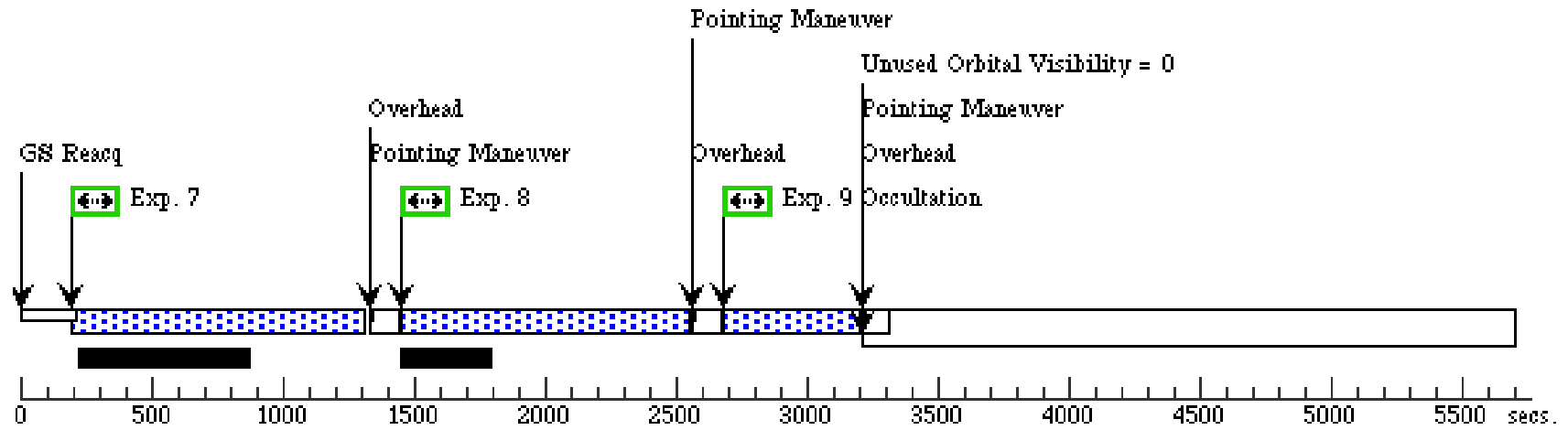
Wed Nov 04 02:16:46 GMT 2015

Visit	Proposal 14066, Vis1-NGC34 (01), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT 15D TO 40 D									
	Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (1) NGC-34 RA: 00 11 6.6120 (2.7775500d) Dec: -12 06 28.33 (-12.10787d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Extended=YES</i>								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F336W-1	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=8	POS TARG 10,10		1100 Secs (1100 Secs)	[1]
	2	F336W-2	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=9	POS TARG 6.31,11.31		1000 Secs (1000 Secs)	[1]
	3	F555W-1	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F555W		POS TARG 10.0,10.0		486 Secs (486 Secs)	[1]
	4	F336W-3	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=8	POS TARG 7.5,7.56		1100 Secs (1100 Secs)	[2]
	5	F336W-4	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=8	POS TARG 11.19,6.25		1100 Secs (1100 Secs)	[2]
	6	F555W-2	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F555W		POS TARG 6.31,11.31		497 Secs (497 Secs)	[2]
	7	F336W-5	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=8	POS TARG 10.1,10.1		1100 Secs (1100 Secs)	[3]
	8	F336W-6	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=9	POS TARG 6.41,11.41		1100 Secs (1100 Secs)	[3]
	9	F555W-3	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F555W		POS TARG 7.5,7.56		497 Secs (497 Secs)	[3]
	10	F336W-7	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=9	POS TARG 7.6,7.66		1000 Secs (1000 Secs)	[4]
	11	F336W-8	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=9	POS TARG 11.29,6.35		1000 Secs (1000 Secs)	[4]
	12	F665N-1	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=9	POS TARG 10,10		700 Secs (700 Secs)	[4]
	13	F665N-2	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=9	POS TARG 6.31,11.31		700 Secs (700 Secs)	[5]
	14	F665N-3	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=9	POS TARG 7.5,7.56		700 Secs (700 Secs)	[5]
	15	F665N-4	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=9	POS TARG 11.19,6.25		700 Secs (700 Secs)	[5]
	16	F555W-4	(1) NGC-34	WFC3/UVIS, ACCUM, UVIS-FIX	F555W		POS TARG 11.19,6.25		460 Secs (460 Secs)	[5]



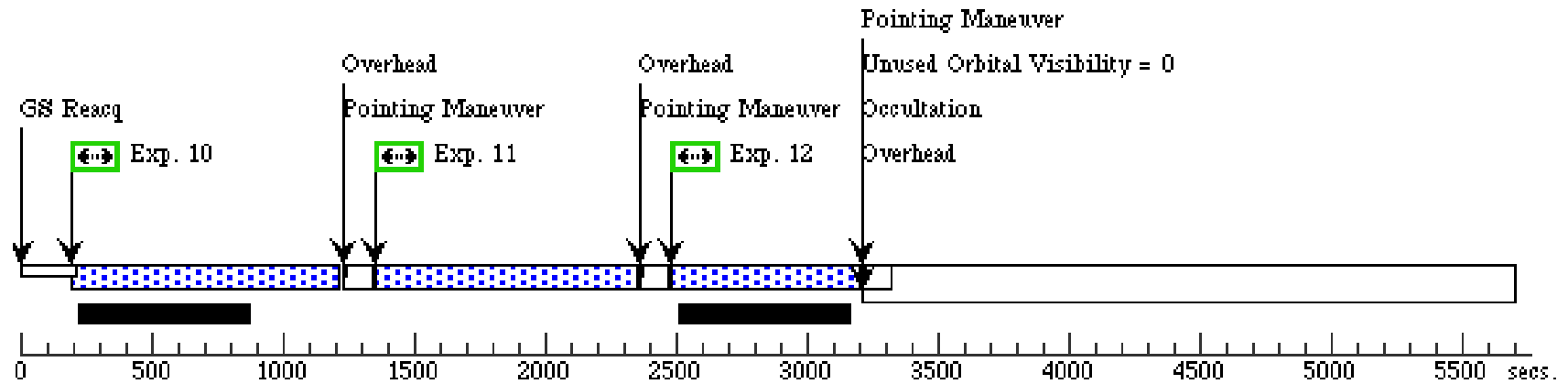
Orbit 3

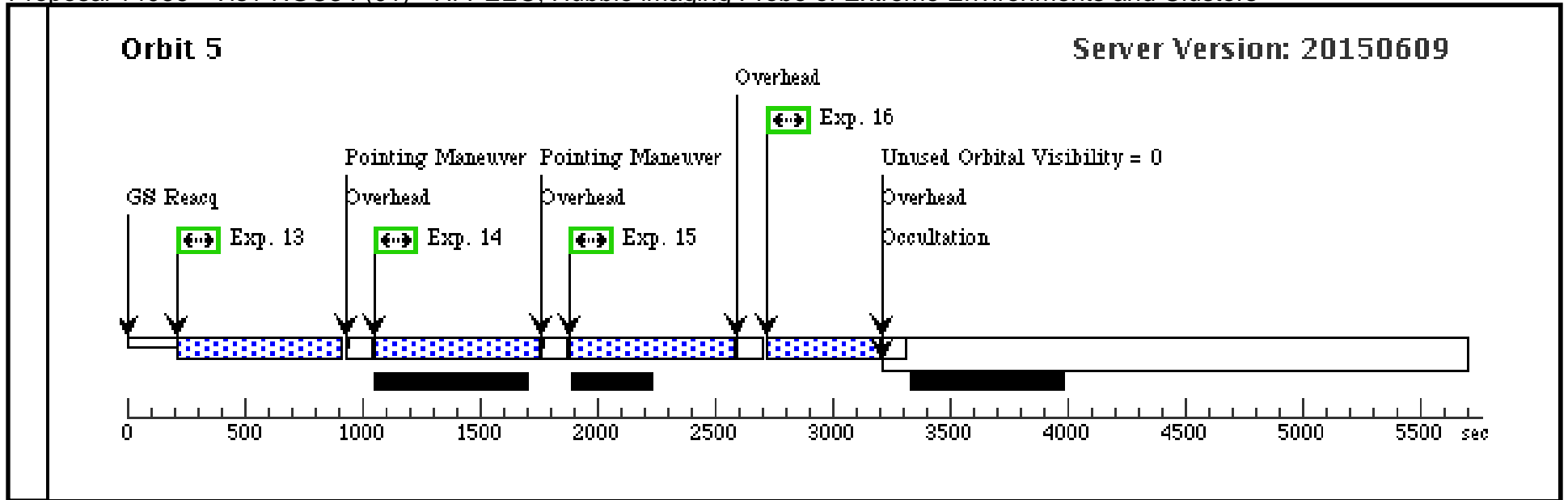
Server Version: 20150609



Orbit 4

Server Version: 20150609

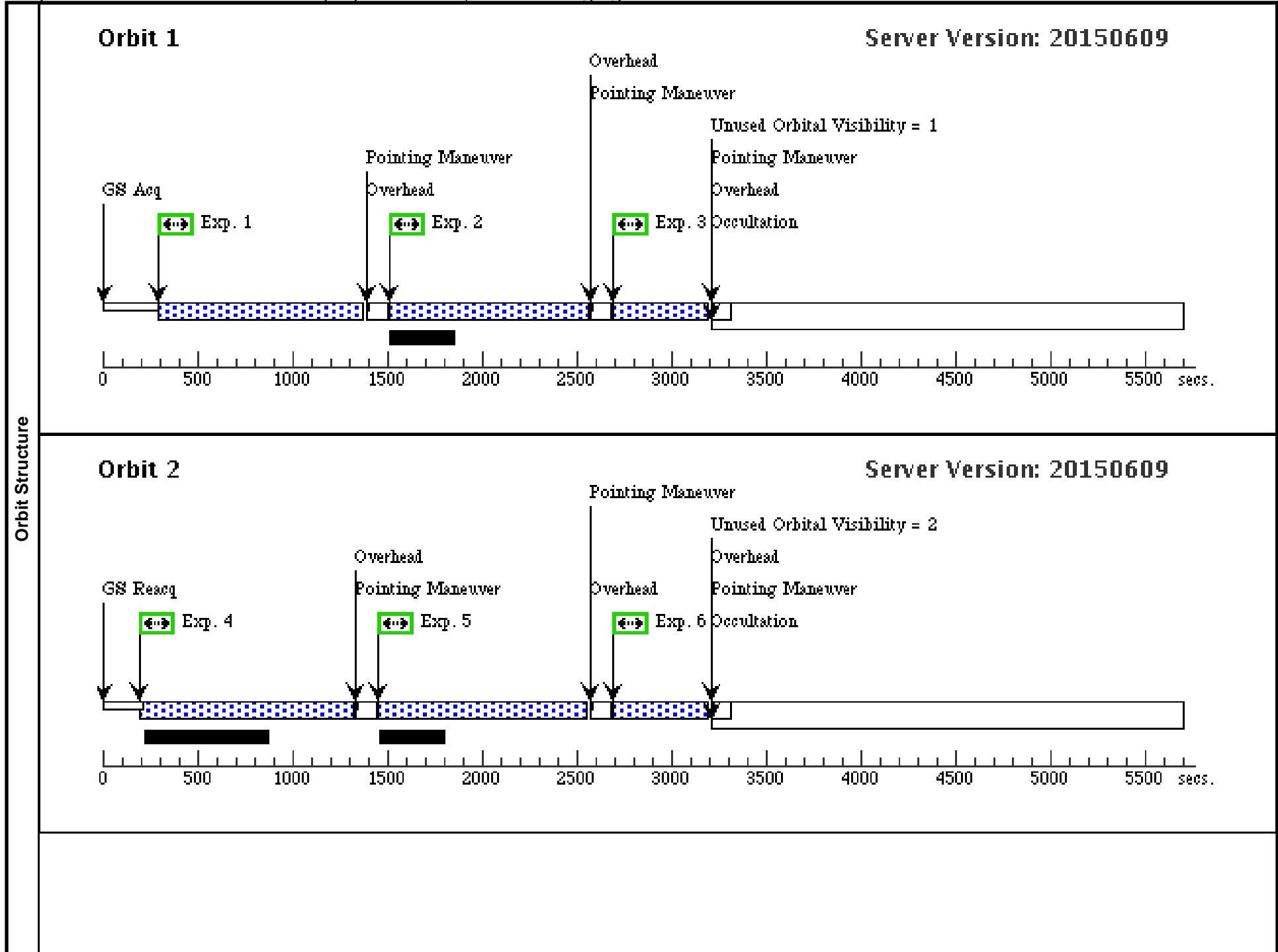




Proposal 14066 - Vis2-NGC1614 (02) - Hi-PEEC, Hubble imaging Probe of Extreme Environments and Clusters

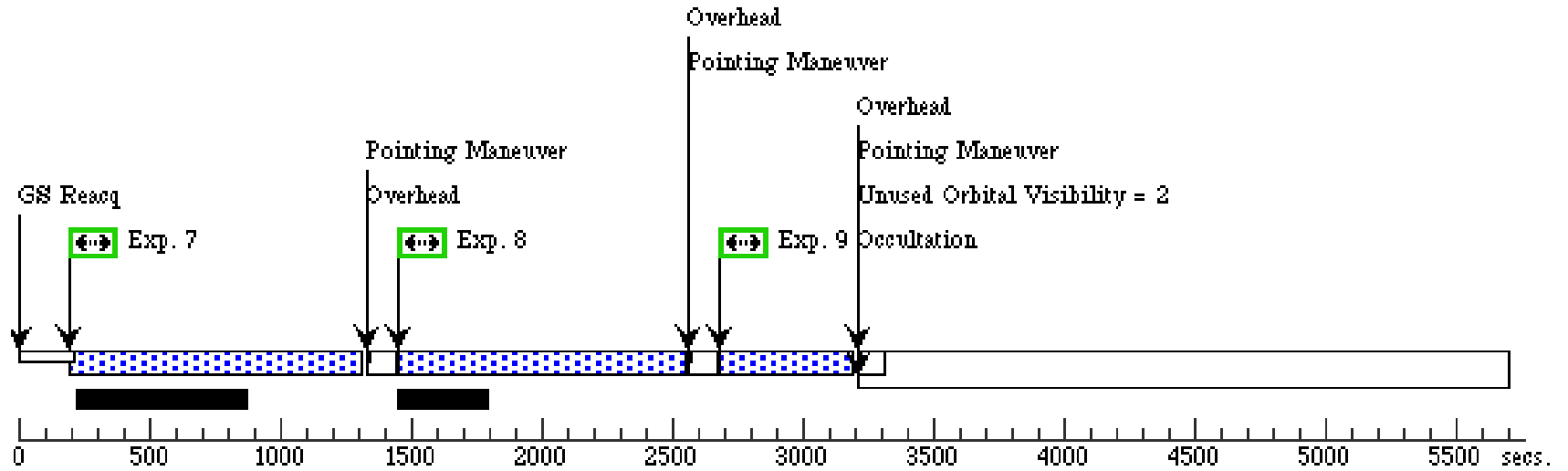
Wed Nov 04 02:16:47 GMT 2015

Visit	Proposal 14066, Vis2-NGC1614 (02), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT 6D TO 24 D									
	Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (2) NGC-1614 RA: 04 33 59.9885 (68.4999521d) Dec: -08 34 45.51 (-8.57931d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the NED database.This object was generated by the targetselector and retrieved from the NED database. Extended=YES								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F336W-1	(2) NGC-1614	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=8	POS TARG 10,null		1050 Secs (1050 Secs)	[1]
	2	F336W-2	(2) NGC-1614	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=8	POS TARG 11.34,3.94		1050 Secs (1050 Secs)	[1]
	3	F555W-1	(2) NGC-1614	WFC3/UVIS, ACCUM, UVIS-FIX	F555W		POS TARG 10,0		480 Secs (480 Secs)	[1]
	4	F336W-3	(2) NGC-1614	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=8	POS TARG 8.66,-3.94		1105 Secs (1105 Secs)	[2]
	5	F336W-4	(2) NGC-1614	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=8	POS TARG 10.1,0.1		1105 Secs (1105 Secs)	[2]
	6	F555W-2	(2) NGC-1614	WFC3/UVIS, ACCUM, UVIS-FIX	F555W		POS TARG 11.34,3.94		480 Secs (480 Secs)	[2]
	7	F336W-5	(2) NGC-1614	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=8	POS TARG 11.44,4.04		1100 Secs (1100 Secs)	[3]
	8	F336W-6	(2) NGC-1614	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=8	POS TARG 8.76,-3.84		1100 Secs (1100 Secs)	[3]
	9	F555W-3	(2) NGC-1614	WFC3/UVIS, ACCUM, UVIS-FIX	F555W		POS TARG 8.66,-3.94		490 Secs (490 Secs)	[3]
	10	F665N-2	(2) NGC-1614	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=8	POS TARG 11.34,3.94		905 Secs (905 Secs)	[4]
	11	F665N-3	(2) NGC-1614	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=8	POS TARG 8.66,-3.94		905 Secs (905 Secs)	[4]
	12	F665N-1	(2) NGC-1614	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=8	POS TARG 10,0		905 Secs (905 Secs)	[4]



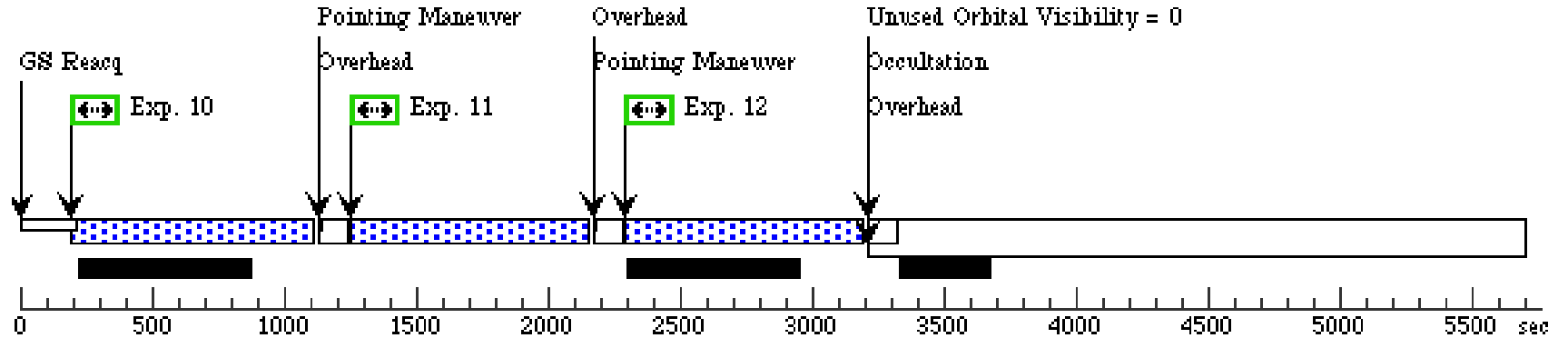
Orbit 3

Server Version: 20150609



Orbit 4

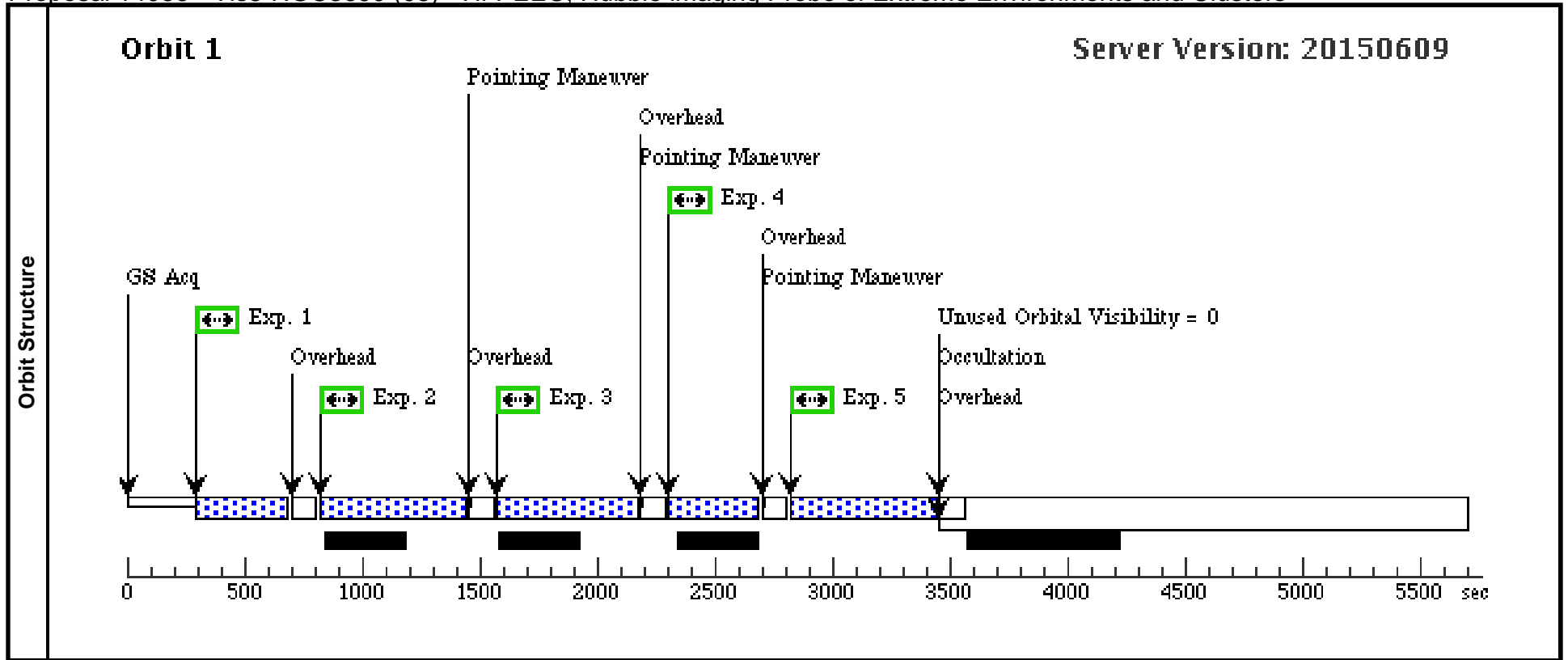
Server Version: 20150609



Proposal 14066 - Vis3-NGC3690 (03) - Hi-PEEC, Hubble imaging Probe of Extreme Environments and Clusters

Wed Nov 04 02:16:47 GMT 2015

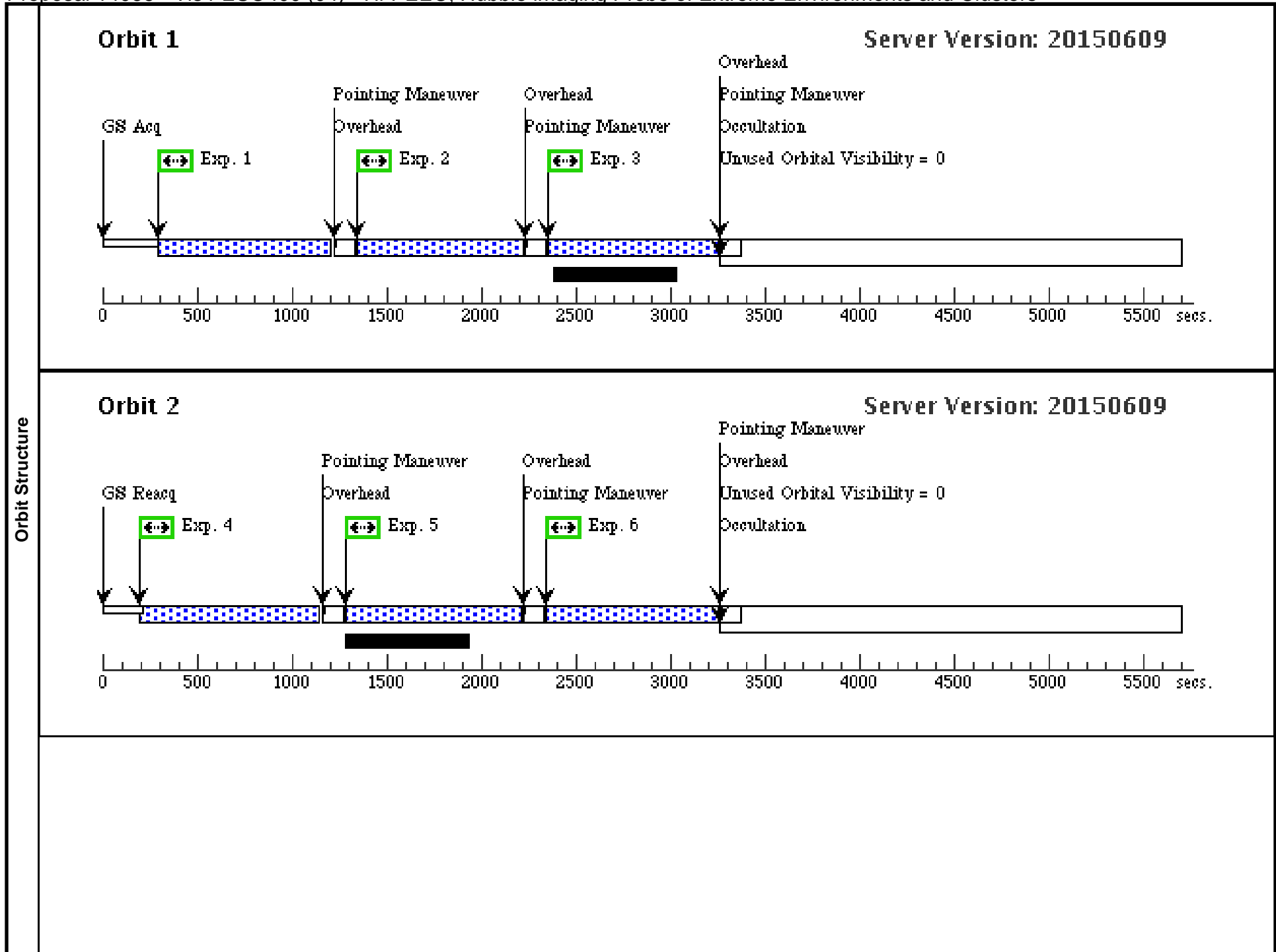
Visit	Proposal 14066, Vis3-NGC3690 (03), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT 65D TO 110 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	NGC-3690	RA: 11 28 28.1876 (172.1174483d) Dec: +58 34 4.31 (58.56786d) Equinox: J2000		V=12.8	Reference Frame: NED				
	<i>Comments: This object was generated by the targetselector and retrieved from the NED database. Extended=YES</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F555W-1	(3) NGC-3690	WFC3/UVIS, ACCUM, UVIS-FIX	F555W	FLASH=2			360 Secs (360 Secs) [==>]	[1]
	2	F665N-1	(3) NGC-3690	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=9			600 Secs (600 Secs) [==>]	[1]
	3	F665N-2	(3) NGC-3690	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=9	POS TARG 1.34,3.9 4		600 Secs (600 Secs) [==>]	[1]
	4	F555W-2	(3) NGC-3690	WFC3/UVIS, ACCUM, UVIS-FIX	F555W	FLASH=2	POS TARG 1.44,4.0 4		360 Secs (360 Secs) [==>]	[1]
	5	F665N-3	(3) NGC-3690	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=9	POS TARG -1.34,-3. 94		599 Secs (599 Secs) [==>]	[1]



Proposal 14066 - Vis4-ESO400 (04) - Hi-PEEC, Hubble imaging Probe of Extreme Environments and Clusters

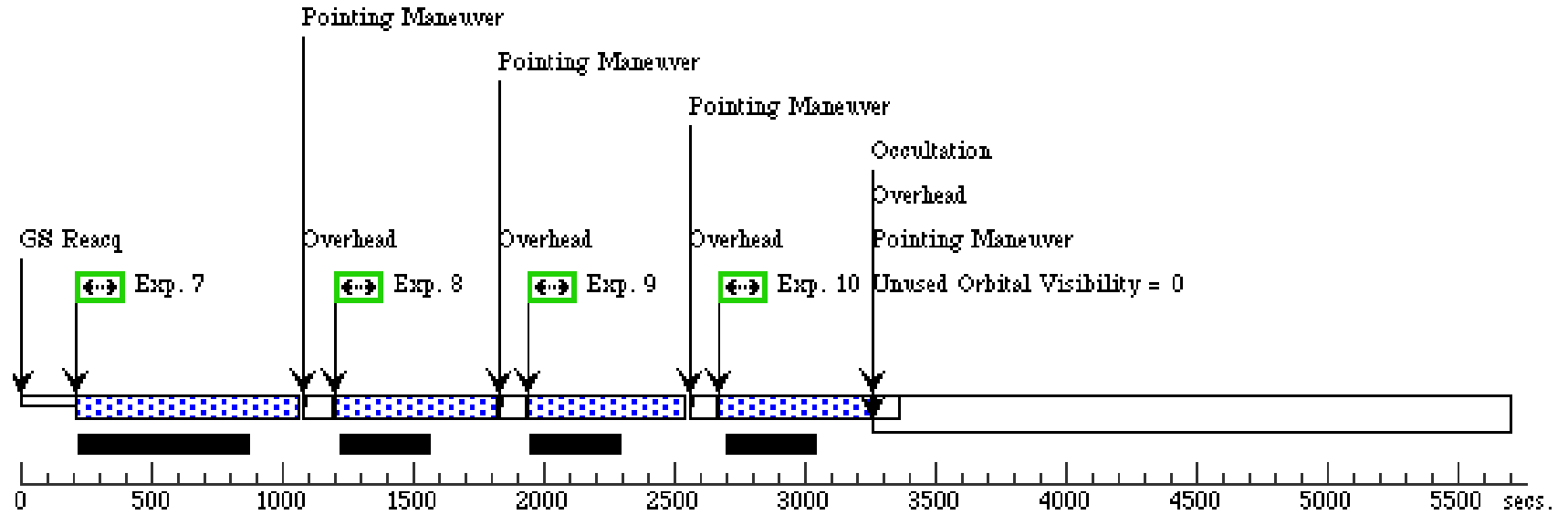
Wed Nov 04 02:16:47 GMT 2015

Visit	Proposal 14066, Vis4-ESO400 (04), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT 0D TO 125 D; ORIENT 279D TO 308 D									
	Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (7) ESO-400-43 RA: 20 37 45.0885 (309.4378688d) Dec: -35 29 19.10 (-35.48864d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Extended=YES</i>								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F336W-1	(7) ESO-400-43	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=9	POS TARG 0,0		880 Secs (880 Secs)	[1]
	2	F336W-2	(7) ESO-400-43	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=9	POS TARG -3.69,1.31		880 Secs (880 Secs)	[1]
	3	F438W-1	(7) ESO-400-43	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=5	POS TARG 0,0		875 Secs (875 Secs)	[1]
	4	F336W-3	(7) ESO-400-43	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=9	POS TARG -2.5,-2.44		930 Secs (930 Secs)	[2]
	5	F336W-4	(7) ESO-400-43	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=9	POS TARG 1.19,-3.75		930 Secs (930 Secs)	[2]
	6	F438W-2	(7) ESO-400-43	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=5	POS TARG 1.34,3.94		886 Secs (886 Secs)	[2]
	7	F438W-3	(7) ESO-400-43	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=5	POS TARG -1.34,-3.94		850 Secs (850 Secs)	[3]
	8	F814W-1	(7) ESO-400-43	WFC3/UVIS, ACCUM, UVIS-FIX	F814W		POS TARG 0,0		600 Secs (600 Secs)	[3]
	9	F814W-2	(7) ESO-400-43	WFC3/UVIS, ACCUM, UVIS-FIX	F814W		POS TARG 1.34,3.94		600 Secs (600 Secs)	[3]
	10	F606W-1	(7) ESO-400-43	WFC3/UVIS, ACCUM, UVIS-FIX	F606W		POS TARG 0,0		556 Secs (556 Secs)	[3]
	11	F814W-3	(7) ESO-400-43	WFC3/UVIS, ACCUM, UVIS-FIX	F814W		POS TARG -1.34,-3.94		600 Secs (600 Secs)	[4]
	12	F606W-2	(7) ESO-400-43	WFC3/UVIS, ACCUM, UVIS-FIX	F606W		POS TARG 1.44,4.04		561 Secs (561 Secs)	[4]
	13	F665N-1	(7) ESO-400-43	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=9	POS TARG 0,0		720 Secs (720 Secs)	[4]
	14	F665N-2	(7) ESO-400-43	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=9	POS TARG 1.44,4.04		720 Secs (720 Secs)	[4]



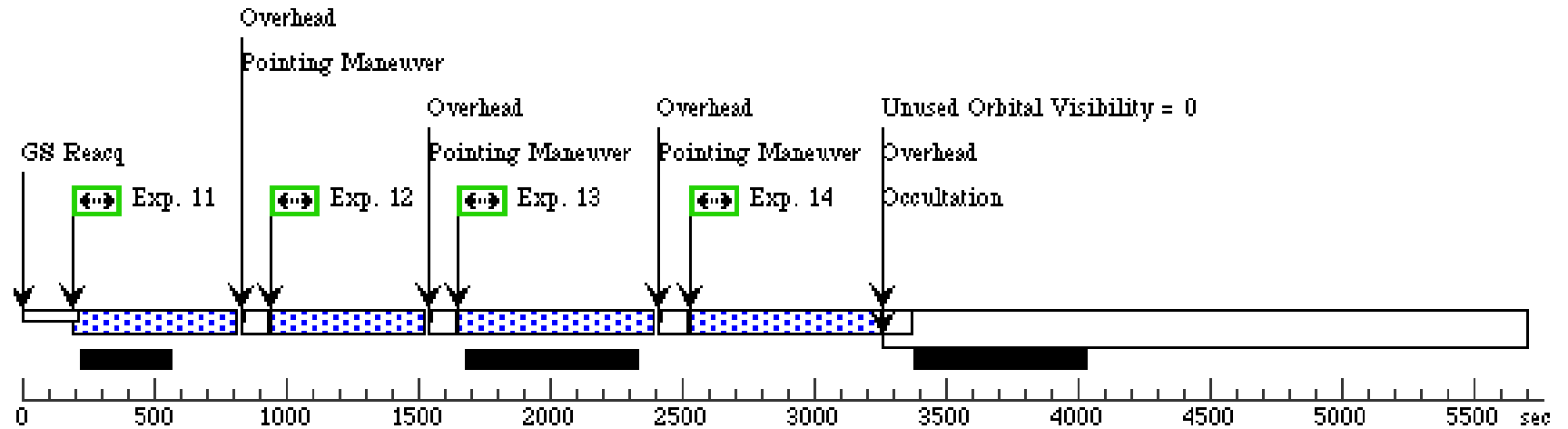
Orbit 3

Server Version: 20150609



Orbit 4

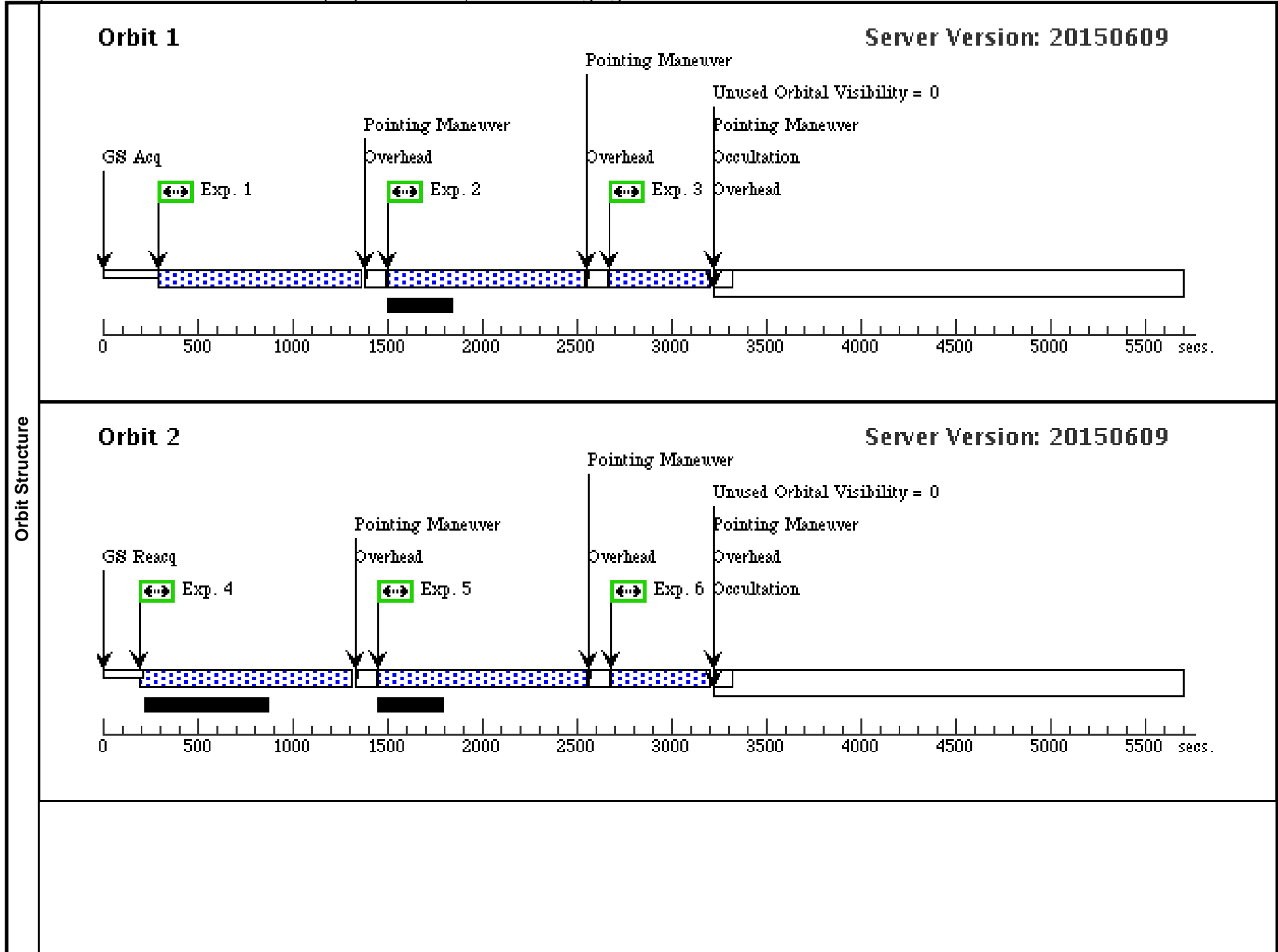
Server Version: 20150609



Proposal 14066 - Vis5-NGC6052 (05) - Hi-PEEC, Hubble imaging Probe of Extreme Environments and Clusters

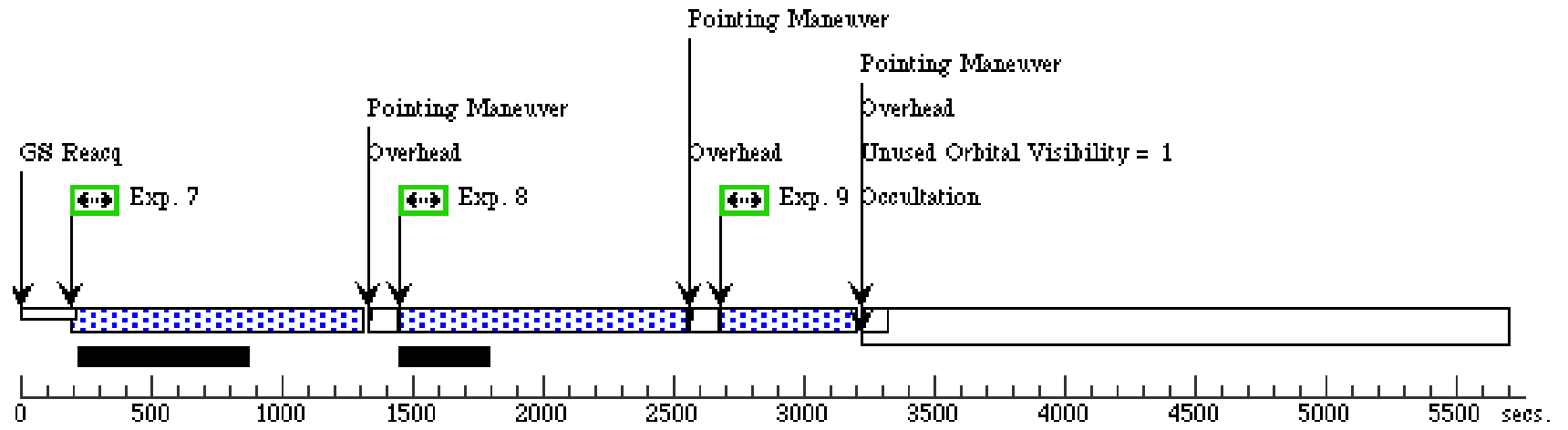
Wed Nov 04 02:16:48 GMT 2015

Visit	Proposal 14066, Vis5-NGC6052 (05), scheduling									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT 70D TO 90 D									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	NGC-6052	RA: 16 05 12.3733 (241.3015554d) Dec: +20 32 48.58 (20.54683d) Equinox: J2000		V=13.17	Reference Frame: NED				
	<i>Comments: This object was generated by the targetselector and retrieved from the NED database. Extended=YES</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F336W-1	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=8			1040 Secs (1040 Secs) [==>]	[1]
	2	F336W-2	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=8	POS TARG 1.34,3.9 4		1040 Secs (1040 Secs) [==>]	[1]
	3	F814W-1	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	FLASH=2	POS TARG 0,0		513 Secs (513 Secs) [==>]	[1]
	4	F336W-3	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=9	POS TARG -1.34,-3. 94		1100 Secs (1100 Secs) [==>]	[2]
	5	F336W-4	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=9	POS TARG 0.1,0.1		1100 Secs (1100 Secs) [==>]	[2]
	6	F814W-2	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	FLASH=2	POS TARG 1.34,3.9 4		504 Secs (504 Secs) [==>]	[2]
	7	F336W-5	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=8	POS TARG 1.44,4.0 4		1100 Secs (1100 Secs) [==>]	[3]
	8	F336W-6	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F336W	FLASH=8	POS TARG -1.24,-3. 84		1100 Secs (1100 Secs) [==>]	[3]
	9	F814W-3	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	FLASH=2	POS TARG -1.34,-3. 94		503 Secs (503 Secs) [==>]	[3]
	10	F438W-2	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=5	POS TARG 1.34,3.9 4		810 Secs (810 Secs) [==>]	[4]
	11	F438W-3	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=5	POS TARG -1.34,-3. 94		810 Secs (810 Secs) [==>]	[4]
	12	F555W-1	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F555W		POS TARG 0,0		478 Secs (478 Secs) [==>]	[4]
	13	F555W-2	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F555W		POS TARG 1.44,4.0 4		478 Secs (478 Secs) [==>]	[4]
	14	F438W-1	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=5	POS TARG 0,0		750 Secs (750 Secs) [==>]	[5]
	15	F665N-1	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=9	POS TARG 0,0		607 Secs (607 Secs) [==>]	[5]
	16	F665N-2	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=9	POS TARG 1.34,3.9 4		607 Secs (607 Secs) [==>]	[5]
17	F665N-3	(5) NGC-6052	WFC3/UVIS, ACCUM, UVIS-FIX	F665N	FLASH=9	POS TARG -1.34,-3. 94		607 Secs (607 Secs) [==>]	[5]	



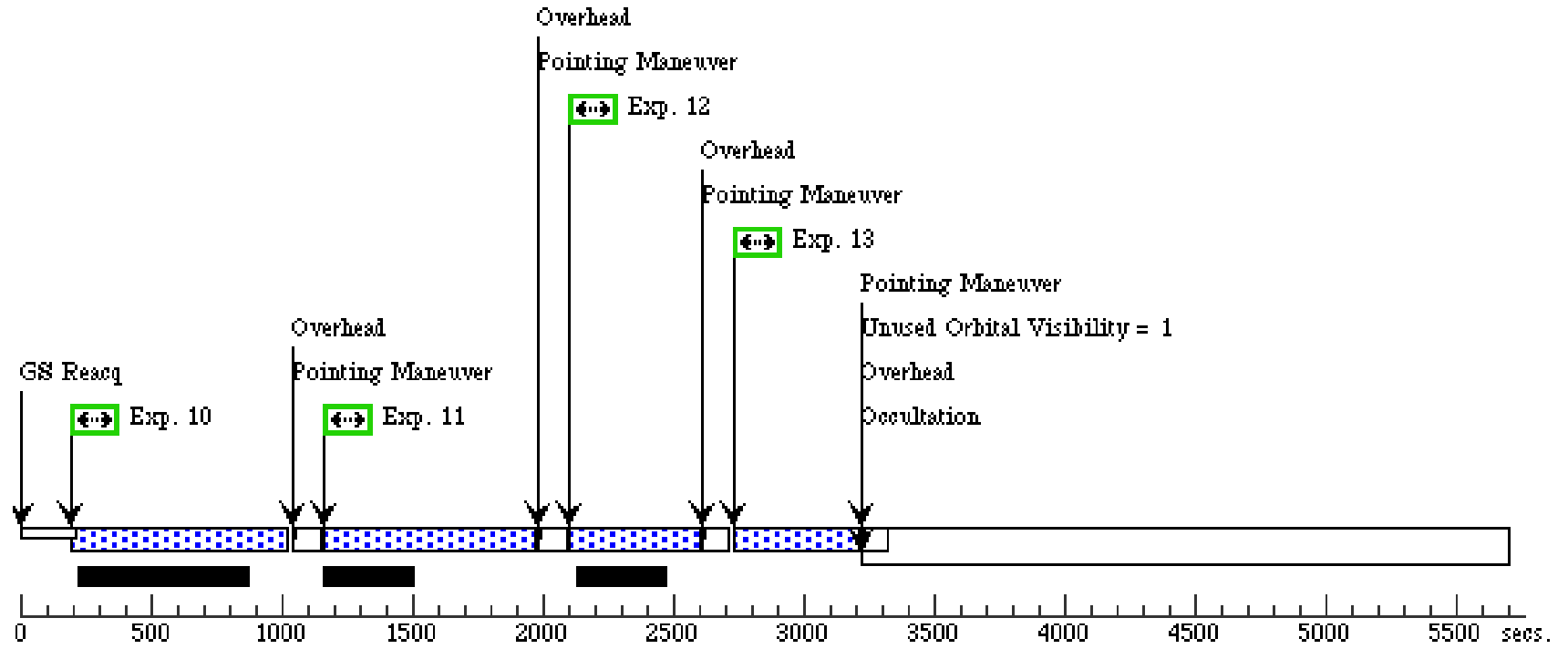
Orbit 3

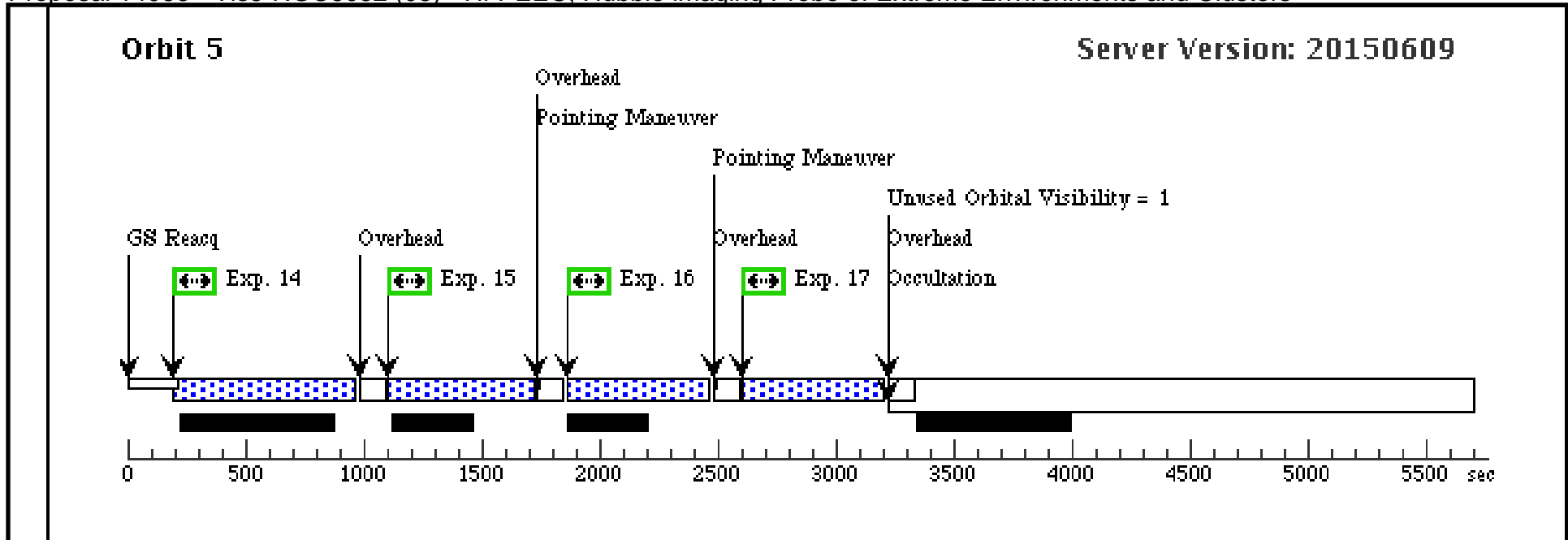
Server Version: 20150609



Orbit 4

Server Version: 20150609





Proposal 14066 - Vis6-NGC4194 (07) - Hi-PEEC, Hubble imaging Probe of Extreme Environments and Clusters

Wed Nov 04 02:16:48 GMT 2015

Visit	Proposal 14066, Vis6-NGC4194 (07), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT 120D TO 170 D									
	Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (6) NGC-4194 RA: 12 14 11.6143 (183.5483929d) Dec: +54 31 11.04 (54.51973d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> <i>Extended=YES</i>								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F438W-1	(6) NGC-4194	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	FLASH=7	POS TARG -30,-10		500 Secs (500 Secs) [==>]	[1]
	2	F3336W-1	(6) NGC-4194	WFC3/UVIS, ACCUM, UVIS2-FIX	F336W	FLASH=9	POS TARG -30,-10		700 Secs (700 Secs) [==>]	[1]
	3	F3336W-2	(6) NGC-4194	WFC3/UVIS, ACCUM, UVIS2-FIX	F336W	FLASH=9	POS TARG -28.66,-6.06		700 Secs (700 Secs) [==>]	[1]
	4	F665N-2	(6) NGC-4194	WFC3/UVIS, ACCUM, UVIS2-FIX	F665N	FLASH=9	POS TARG -28.56,-5.96		718 Secs (718 Secs) [==>]	[1]
	5	F555W-1	(6) NGC-4194	WFC3/UVIS, ACCUM, UVIS2-FIX	F555W	FLASH=3	POS TARG -30,-10		300 Secs (300 Secs) [==>]	[2]
	6	F3336W-3	(6) NGC-4194	WFC3/UVIS, ACCUM, UVIS2-FIX	F336W	FLASH=9	POS TARG -31.34,-13.94		700 Secs (700 Secs) [==>]	[2]
	7	F555W-2	(6) NGC-4194	WFC3/UVIS, ACCUM, UVIS2-FIX	F555W	FLASH=3	POS TARG -28.56,-5.96		300 Secs (300 Secs) [==>]	[2]
	8	F665N-1	(6) NGC-4194	WFC3/UVIS, ACCUM, UVIS2-FIX	F665N	FLASH=9	POS TARG -30,-10		749 Secs (749 Secs) [==>]	[2]
	9	F438W-2	(6) NGC-4194	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	FLASH=7	POS TARG -28.56,-5.96		500 Secs (500 Secs) [==>]	[2]

