



14164 - Exploring the nature and synchronicity of early cluster formation in the Local Group

Cycle: 23, Proposal Category: GO
(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) NGC-1466 ANY	ACS/WFC WFC3/IR	2	07-Sep-2016 17:02:52.0	yes
02	(1) NGC-1466 ANY	ACS/WFC WFC3/IR	3	07-Sep-2016 17:02:55.0	yes

Proposal 14164 (STScI Edit Number: 2, Created: Wednesday, September 7, 2016 4:03:46 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>
03	(1) NGC-1466 ANY	ACS/WFC WFC3/UVIS	4	07-Sep-2016 17:02:59.0	yes
04	(2) RETICULUM ANY	ACS/WFC WFC3/IR	2	07-Sep-2016 17:03:02.0	yes
05	(2) RETICULUM ANY	ACS/WFC WFC3/IR	3	07-Sep-2016 17:03:04.0	yes
06	(2) RETICULUM ANY	ACS/WFC WFC3/UVIS	4	07-Sep-2016 17:03:07.0	yes
07	(3) NGC-1841 ANY	ACS/WFC WFC3/IR	2	07-Sep-2016 17:03:09.0	yes
08	(3) NGC-1841 ANY	ACS/WFC WFC3/IR	3	07-Sep-2016 17:03:12.0	yes
09	(3) NGC-1841 ANY	ACS/WFC WFC3/UVIS	4	07-Sep-2016 17:03:15.0	yes
10	(4) NGC-2210 ANY	ACS/WFC WFC3/IR	2	07-Sep-2016 17:03:18.0	yes
11	(4) NGC-2210 ANY	ACS/WFC WFC3/IR	3	07-Sep-2016 17:03:21.0	yes
12	(4) NGC-2210 ANY	ACS/WFC WFC3/UVIS	4	07-Sep-2016 17:03:24.0	yes
13	(5) HODGE-11 ANY	ACS/WFC WFC3/IR	2	07-Sep-2016 17:03:26.0	yes
14	(5) HODGE-11 ANY	ACS/WFC WFC3/IR	3	07-Sep-2016 17:03:29.0	yes
15	(5) HODGE-11 ANY	ACS/WFC WFC3/UVIS	4	07-Sep-2016 17:03:33.0	yes
16	(6) NGC-2257 ANY	ACS/WFC WFC3/IR	2	07-Sep-2016 17:03:35.0	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>
17	(6) NGC-2257 ANY	ACS/WFC WFC3/IR	3	07-Sep-2016 17:03:38.0	yes
18	(6) NGC-2257 ANY	ACS/WFC WFC3/UVIS	4	07-Sep-2016 17:03:40.0	yes
28	(6) NGC-2257 ANY	ACS/WFC WFC3/UVIS	4	07-Sep-2016 17:03:43.0	yes

58 Total Orbits Used

ABSTRACT

Globular clusters (GCs) are fossil relics from which we can obtain critical insights into star formation processes at very early epochs and the growth of galaxies over cosmological time. It has recently become clear that Galactic GCs are complex systems harboring multiple stellar populations with a variety of unexpected characteristics, posing severe difficulties for conventional formation models. Moreover, precision photometry from HST has enabled accurate relative age measurements for a large sample of Galactic GCs, revealing the presence of tight correlations in age-metallicity space that are difficult to explain in the canonical two-phase picture for the assembly of the GC system. We propose a new angle of attack on both these problems by conducting deep UV-optical imaging of old GCs in the Large Magellanic Cloud - one of our nearest neighbors and a representative of the class of dwarf galaxies usually assumed to be the "building blocks" of larger galaxies in LCDM cosmology. We will conduct the first thorough photometric characterisation of multiple populations in any extragalactic GCs, allowing us to begin assessing the universality of the multi-population phenomenon and its environmental dependence. Furthermore, the cluster main sequence turn-offs will be delineated with unprecedented clarity, facilitating the most precise comparison ever made between the ages of Galactic and external GCs. This constitutes arguably the most sensitive available test of the synchronicity of early star formation across the Local Group. As a bonus, we will be able to determine the distance to the LMC to a few percent accuracy using the method of subdwarf fitting.

OBSERVING DESCRIPTION

To achieve our primary science goals we will observe using the ACS/WFC F606W and F814W filters, and the WFC3/UVIS F336W filter. In mid-optical passbands ACS/WFC is the preferred instrument due to its higher throughput; utilizing this camera and the (F606W,F814W) combination will also ensure data homogeneous with those obtained for Galactic GCs as part of the GC Treasury project (Sarajedini et al. 2007), facilitating a direct age comparison. The WFC3/UVIS F336W filter is critical for obtaining CMDs maximally sensitive to the presence of multiple populations,

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including light element abundance variations, and will ensure complementarity with the Cycle 21 UV Legacy survey of Galactic GCs (GO-13297) which also uses this filter. Although filters further into the UV in principle lead to even greater splitting of CMD fiducial sequences, F336W is the bluest filter for which we can obtain adequate S/N photometry for our (distant) targets.

Our targets span declinations of -58° to -84° , resulting in visibility periods of 58 to 61 min per orbit. Here we assume the shortest window of 58 min. Based on our experience from the GC Treasury program, we require (F606W,F814W) photometry with $S/N=20$ at $M_V = 8.0$ in order to delineate the unevolved MS adequately for precise age measurements. At the distance and mean reddening of the LMC, this means $S/N=20$ for MS stars (spectral type K0V) at $V = 26.7$. This can be achieved as follows:

Orbit 1: 6 min for guide star acquisition, 38.4 min total F606W exposure (3 x 12.8 min), 0.5 min short F606W exposure, 11.5 min imaging overhead, 1.5 min dithering overhead.

Orbit 2: 4 min for guide star re-acquisition, 43.8 min total F606W exposure (3 x 14.6 min), 9 min imaging overhead, 1 min dithering overhead.

Orbit 3: 4 min for guide star re-acquisition, 40.5 min total F814W exposure (3 x 13.5 min), 0.5 min short F814W frame, 11.5 min imaging overhead, 1.5 min dithering overhead.

Orbits 4-5: 4 min for guide star re-acquisition, 43.8 min total F814W exposure (3 x 14.6 min), 9 min imaging overhead, 1 min dithering overhead.

Total exposure times are 4960s in F606W and 7720s in F814W. According to the ETC these will result in $S/N=20.6$ and 21.4 , respectively, for MS stars at $V = 26.7$. The two short frames help with photometry of bright RGB stars, which will saturate in long exposures. Saturated star photometry is possible for both ACS/WFC and WFC3/UVIS and we will utilise this to better populate the bright CMD sequences.

The F336W imaging is more challenging; however from Figure 2 we need only reach ~ 2 mag below the MS turnoff, i.e., to $V = 24.7$. This may be achieved in four orbits:

Orbit 1: 6 min for guide star acquisition, 44.1 min total F336W exposure (3 x 14.7 min), 6.8 min imaging overhead, 1 min dithering overhead.

Orbits 2-4: 4 min for guide star re-acquisition, 46.2 min total F336W exposure (3 x 15.4 min), 6.8 min imaging overhead, 1 min dithering overhead.

The total exposure time is 10960s, leading to $S/N=11.3$ for MS stars at $V = 24.7$. At the level of the MS turn-off and SGB, $V = 22.7$, we achieve $S/N=58.0$. Overall we thus require a total of 9 orbits per GC for all three filters, bringing our total request to 54 orbits.

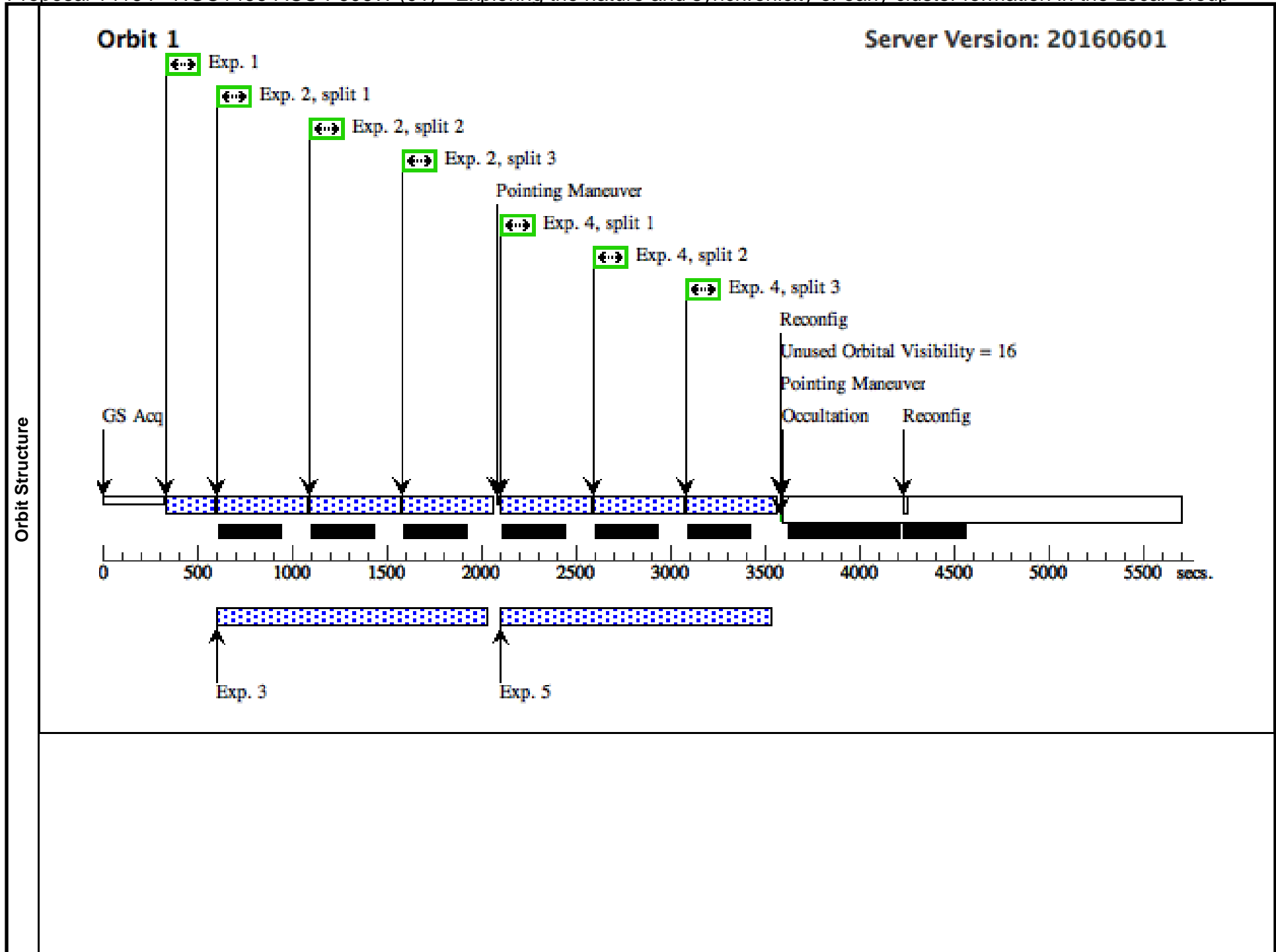
Proposal 14164 (STScI Edit Number: 2, Created: Wednesday, September 7, 2016 4:03:46 PM EST) - Overview

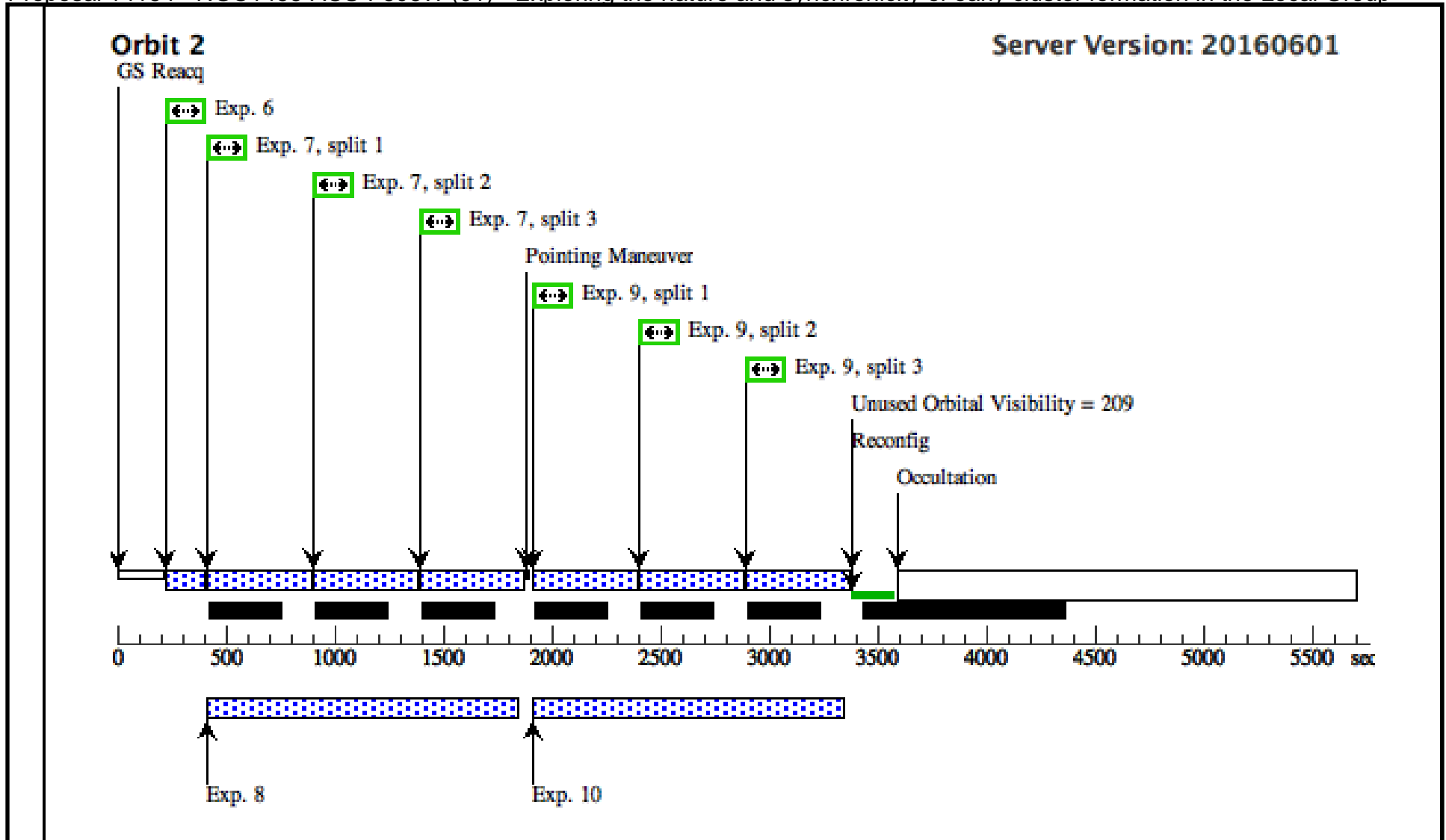
Our team possesses considerable experience in reducing HST observations. We will photometer the images with specifically tailored PSF-fitting software such as dolphot and/or daophot/allframe (Stetson 1994), and standardize the data onto the native HST system using the formalism of Sirianni et al. (2005) with the updated zeropoints from the STScI web site. This standardization approach is the same one we adopted in the Treasury program GO-10775, and the local subdwarf program GO-11704.

Proposal 14164 - NGC1466-ACS-F606W (01) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Wed Sep 07 21:03:46 GMT 2016

Visit	Proposal 14164, NGC1466-ACS-F606W (01), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 45D TO 75 D; SEQ 01.02.03 WITHIN 365 D																											
	Fixed Targets	<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>(1)</td> <td>NGC-1466</td> <td>RA: 03 44 33.0000 (56.1375000d) Dec: -71 40 18.00 (-71.67167d) Equinox: J2000</td> <td></td> <td>V=11.59</td> <td>Reference Frame: SIMBAD</td> </tr> <tr> <td colspan="6"><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	NGC-1466	RA: 03 44 33.0000 (56.1375000d) Dec: -71 40 18.00 (-71.67167d) Equinox: J2000		V=11.59	Reference Frame: SIMBAD	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(1)	NGC-1466	RA: 03 44 33.0000 (56.1375000d) Dec: -71 40 18.00 (-71.67167d) Equinox: J2000		V=11.59	Reference Frame: SIMBAD																							
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>																												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1		(1) NGC-1466	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -6,6; GS ACQ SCENARI O BASE1B3		50 Secs (50 Secs) [==>]	[1]																		
	2	F606W	(1) NGC-1466	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG -6,6	Prime + Parallel Gro up 2-3 in NGC1466- ACS-F606W (01)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]																		
	3		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP2 00		Prime + Parallel Gro up 2-3 in NGC1466- ACS-F606W (01)	1399.231402 Secs (1399.231 Secs) [==>]	[1]																		
	4	F606W	(1) NGC-1466	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG -2,2	Prime + Parallel Gro up 4-5 in NGC1466- ACS-F606W (01)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]																		
	5		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP2 00		Prime + Parallel Gro up 4-5 in NGC1466- ACS-F606W (01)	1399.231402 Secs (1399.231 Secs) [==>]	[1]																		
	6		(1) NGC-1466	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 2,-2		50 Secs (50 Secs) [==>]	[2]																		
	7	F606W	(1) NGC-1466	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG 2,-2	Prime + Parallel Gro up 7-8 in NGC1466- ACS-F606W (01)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]																		
	8		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP2 00		Prime + Parallel Gro up 7-8 in NGC1466- ACS-F606W (01)	1399.231402 Secs (1399.231 Secs) [==>]	[2]																		
	9	F606W	(1) NGC-1466	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG 6,-6	Prime + Parallel Gro up 9-10 in NGC1466- ACS-F606W (01)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]																		
10		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP2 00		Prime + Parallel Gro up 9-10 in NGC1466- ACS-F606W (01)	1399.231402 Secs (1399.231 Secs) [==>]	[2]																			





Proposal 14164 - NGC1466-ACS-F814W (02) - Exploring the nature and synchronicity of early cluster formation in the Local Group

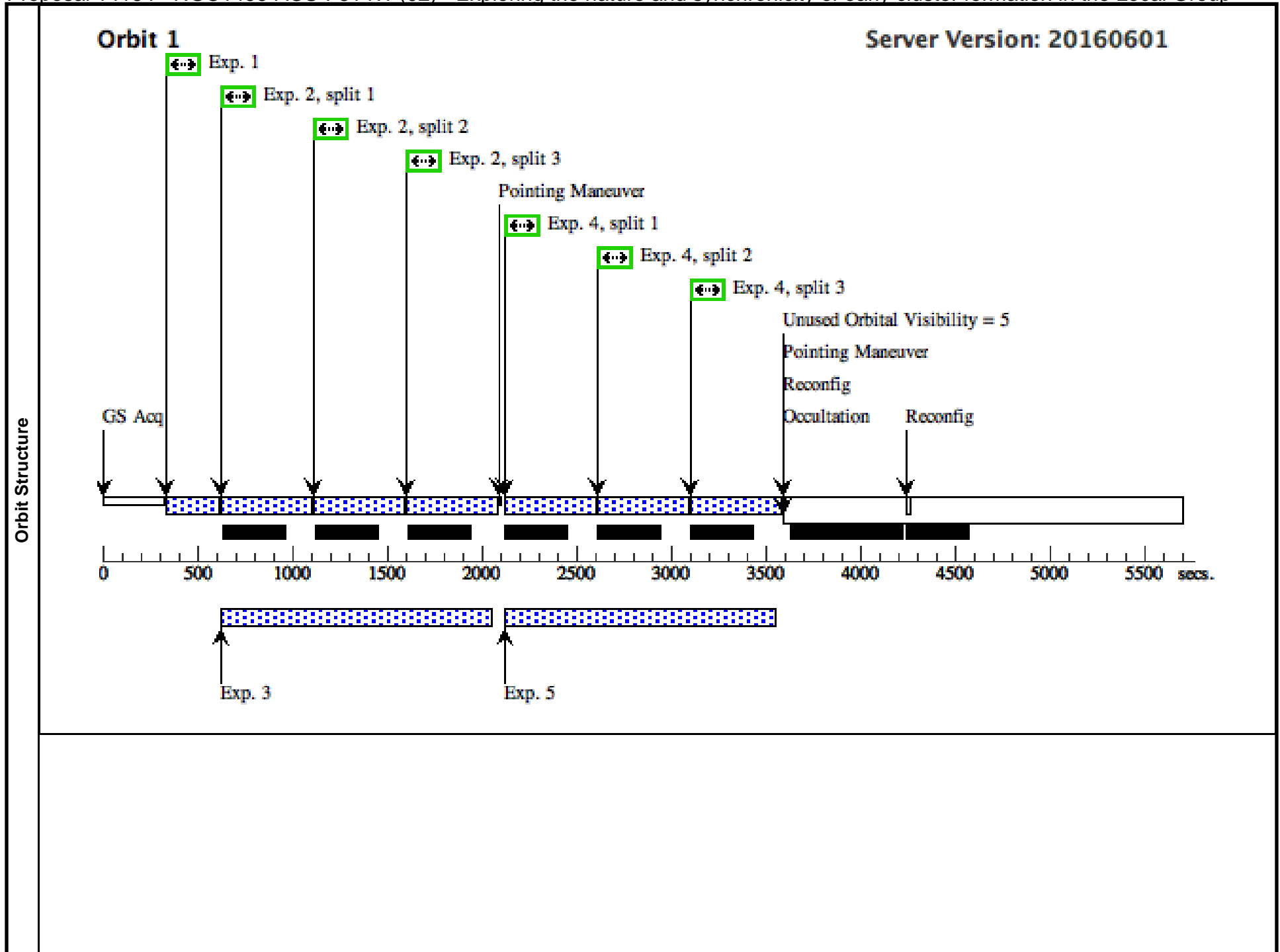
Visit	Proposal 14164, NGC1466-ACS-F814W (02), completed Wed Sep 07 21:03:46 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 01					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(1)		NGC-1466	RA: 03 44 33.0000 (56.1375000d) Dec: -71 40 18.00 (-71.67167d) Equinox: J2000		V=11.59	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 14164 - NGC1466-ACS-F814W (02) - Exploring the nature and synchronicity of early cluster formation in the Local Group

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) NGC-1466	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -5,5; GS ACQ SCENARI O BASE1B3		70 Secs (70 Secs) [==>]	[1]
2	F814W	(1) NGC-1466	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -5,5	Prime + Parallel Gro up 2-3 in NGC1466- ACS-F814W (02)	1056 Secs (1056 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP2 00		Prime + Parallel Gro up 2-3 in NGC1466- ACS-F814W (02)	1399.231402 Secs (1399.231 Secs) [==>]	[1]
4	F814W	(1) NGC-1466	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -3,3	Prime + Parallel Gro up 4-5 in NGC1466- ACS-F814W (02)	1056 Secs (1056 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
5		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP2 00		Prime + Parallel Gro up 4-5 in NGC1466- ACS-F814W (02)	1399.231402 Secs (1399.231 Secs) [==>]	[1]
6		(1) NGC-1466	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -1,1		70 Secs (70 Secs) [==>]	[2]
7	F814W	(1) NGC-1466	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -1,1	Prime + Parallel Gro up 7-8 in NGC1466- ACS-F814W (02)	1155 Secs (1155 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
8		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP2 00		Prime + Parallel Gro up 7-8 in NGC1466- ACS-F814W (02)	1399.231402 Secs (1399.231 Secs) [==>]	[2]
9	F814W	(1) NGC-1466	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 1,-1	Prime + Parallel Gro up 9-10 in NGC1466- ACS-F814W (02)	1155 Secs (1155 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
10		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP2 00		Prime + Parallel Gro up 9-10 in NGC1466- ACS-F814W (02)	1399.231402 Secs (1399.231 Secs) [==>]	[2]
11	F814W	(1) NGC-1466	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 3,-3	Prime + Parallel Gro up 11-12 in NGC146 6-ACS-F814W (02)	1260 Secs (1260 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
12		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP2 00		Prime + Parallel Gro up 11-12 in NGC146 6-ACS-F814W (02)	1399.231402 Secs (1399.231 Secs) [==>]	[3]
13	F814W	(1) NGC-1466	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 5,-5	Prime + Parallel Gro up 13-14 in NGC146 6-ACS-F814W (02)	1260 Secs (1260 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]

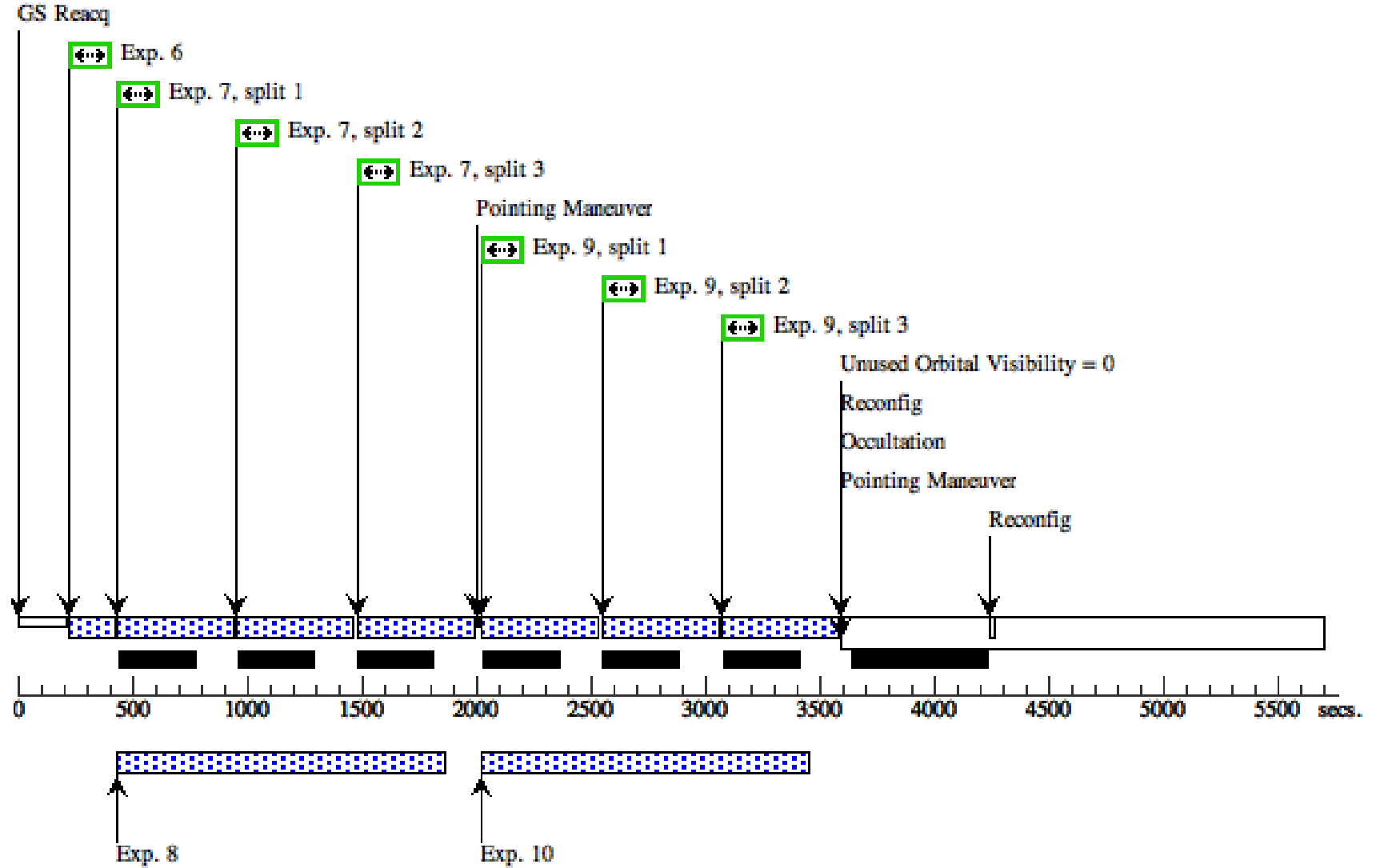
Proposal 14164 - NGC1466-ACS-F814W (02) - Exploring the nature and synchronicity of early cluster formation in the Local Group

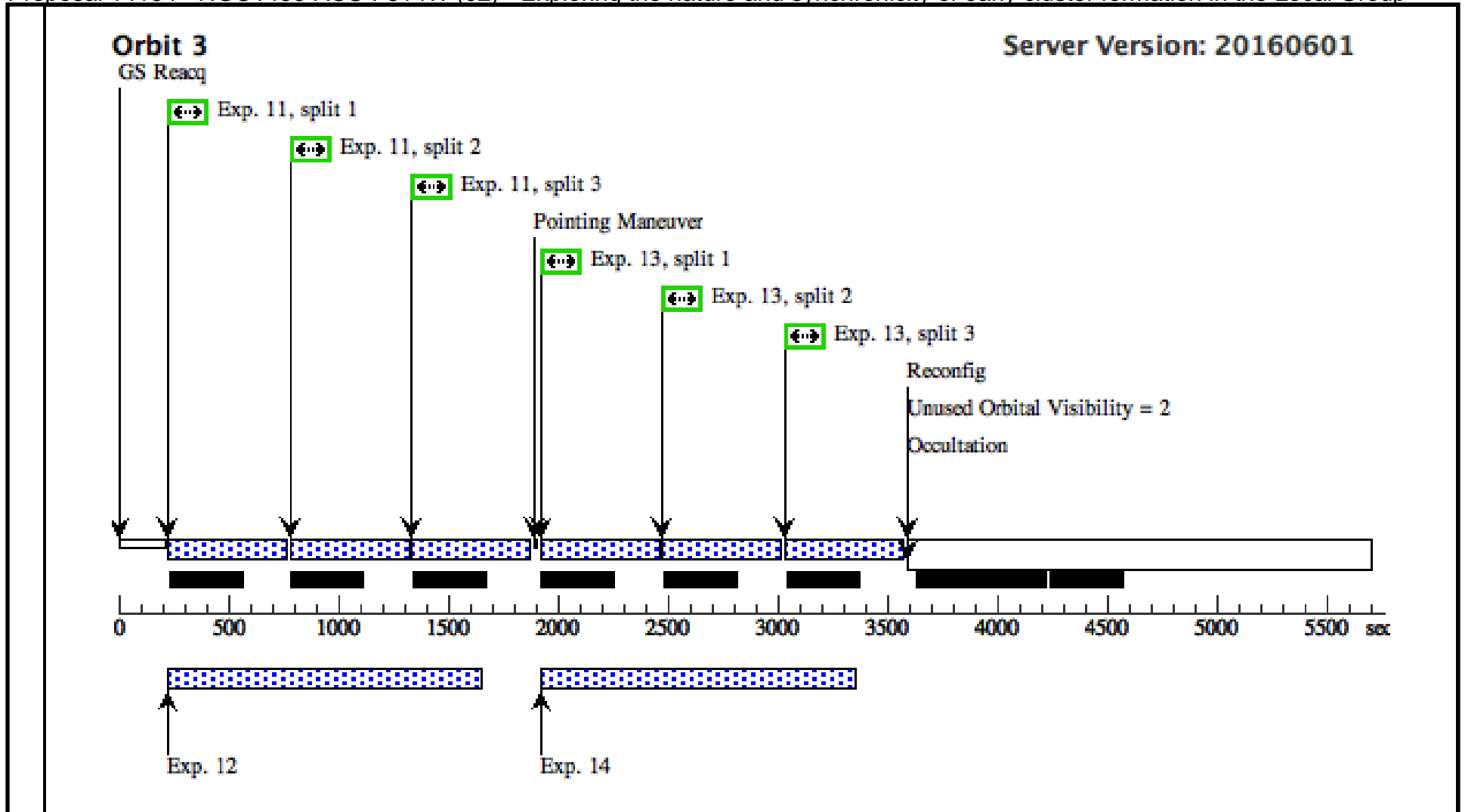
14	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP2 00	Prime + Parallel Group up 13-14 in NGC1466-ACS-F814W (02)	1399.231402 Secs (1399.231 Secs) [==>]	[3]
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Orbit 2

Server Version: 20160601



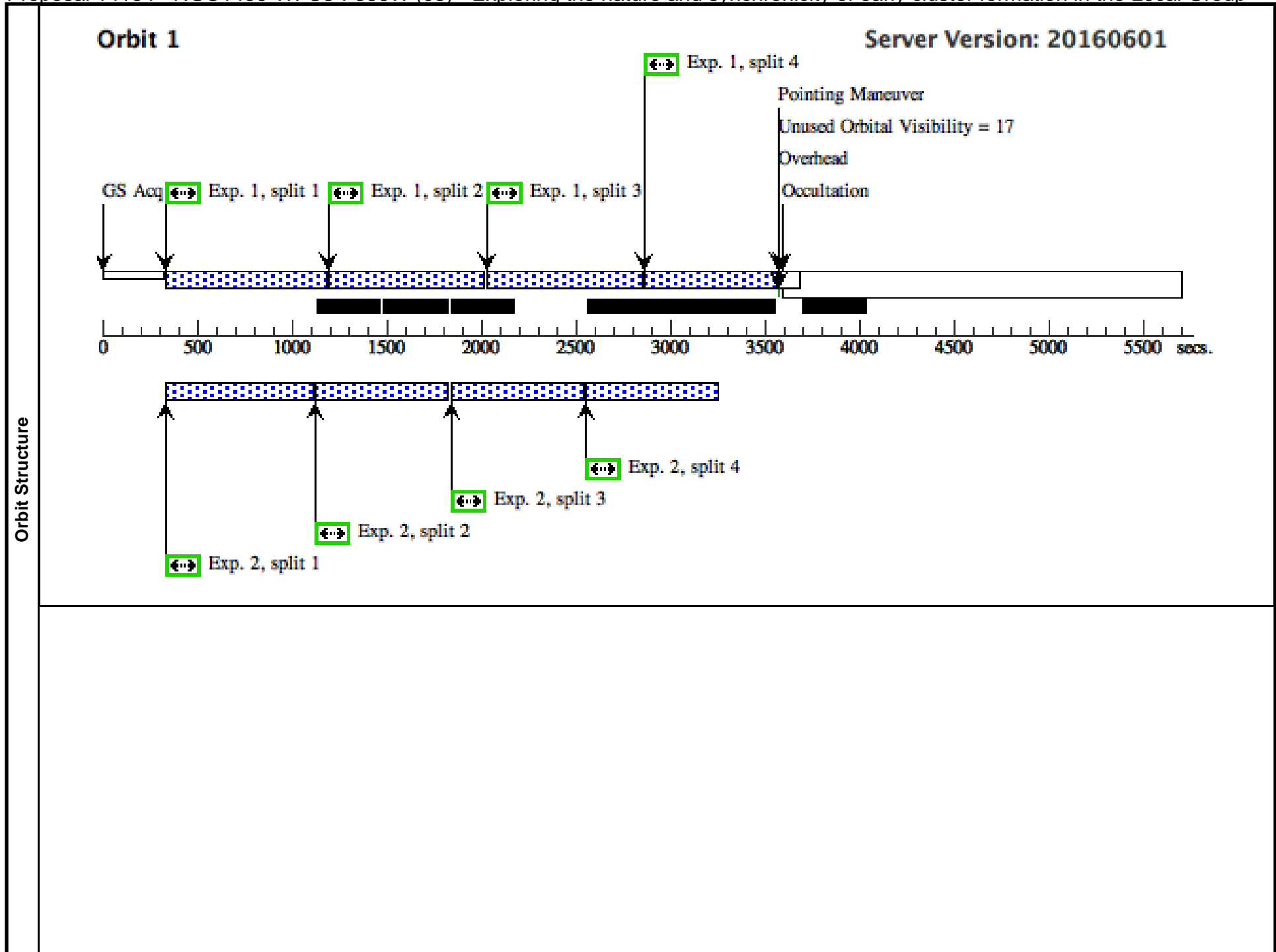


Proposal 14164 - NGC1466-WFC3-F336W (03) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Visit	Proposal 14164, NGC1466-WFC3-F336W (03), completed Wed Sep 07 21:03:46 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 180D TO 180D FROM 01					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(1)		NGC-1466	RA: 03 44 33.0000 (56.1375000d) Dec: -71 40 18.00 (-71.67167d) Equinox: J2000		V=11.59	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

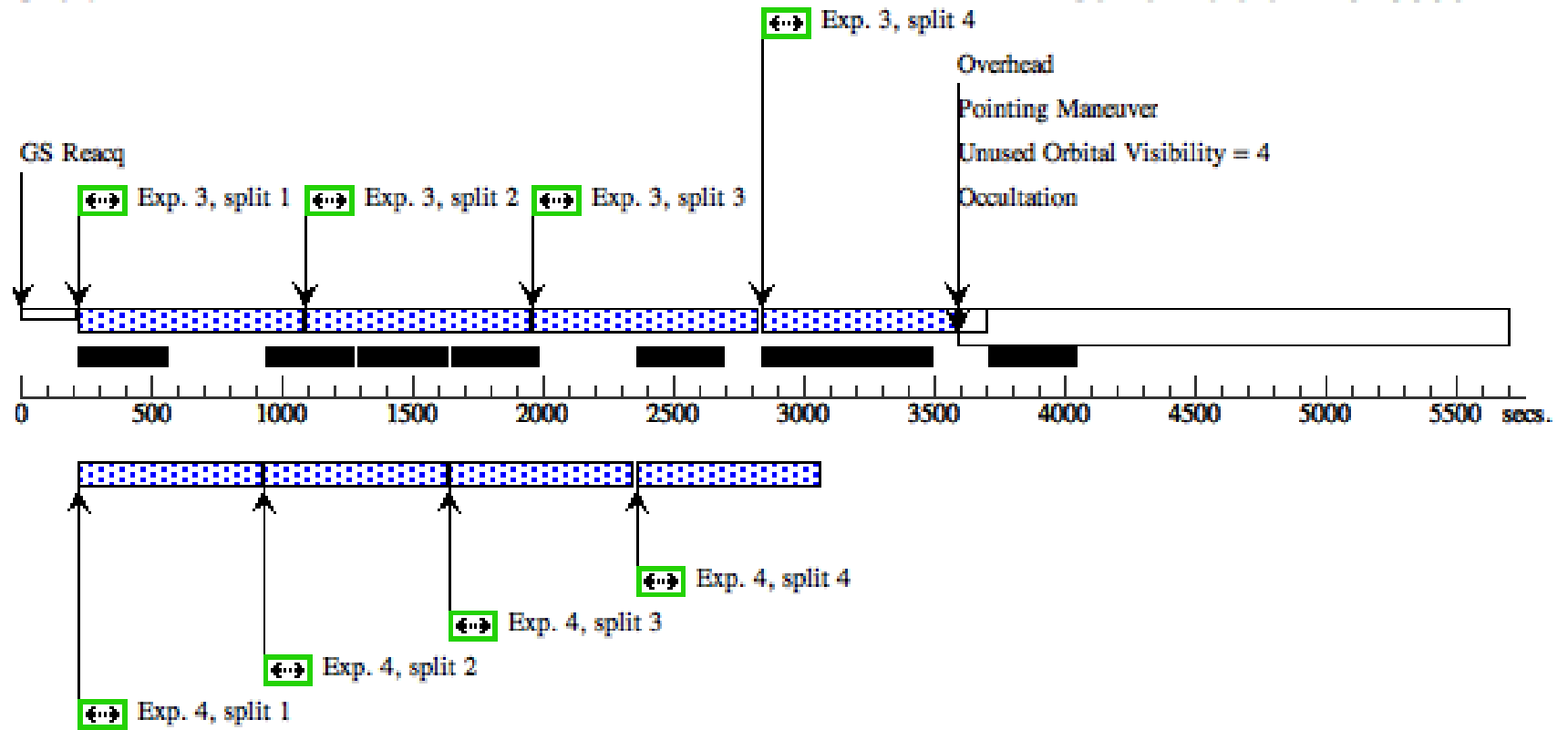
Proposal 14164 - NGC1466-WFC3-F336W (03) - Exploring the nature and synchronicity of early cluster formation in the Local Group

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) NGC-1466	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG -6,6; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in NGC1466-WFC3-F336W (03)	2800 Secs (2800 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	2	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 1-2 in NGC1466-WFC3-F336W (03)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(1) NGC-1466	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG -2,2	Prime + Parallel Group 3-4 in NGC1466-WFC3-F336W (03)	2956 Secs (2956 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	4	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 3-4 in NGC1466-WFC3-F336W (03)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	5	(1) NGC-1466	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG 2,-2	Prime + Parallel Group 5-6 in NGC1466-WFC3-F336W (03)	2956 Secs (2956 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[3]
	6	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 5-6 in NGC1466-WFC3-F336W (03)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[3]
	7	(1) NGC-1466	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG 6,-6	Prime + Parallel Group 7-9 in NGC1466-WFC3-F336W (03)	2956 Secs (2956 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[4]
	8	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3		Prime + Parallel Group 7-9 in NGC1466-WFC3-F336W (03)	1698 Secs (1698 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[4]
	9	ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-9 in NGC1466-WFC3-F336W (03)	50 Secs (50 Secs) [==>]	[4]



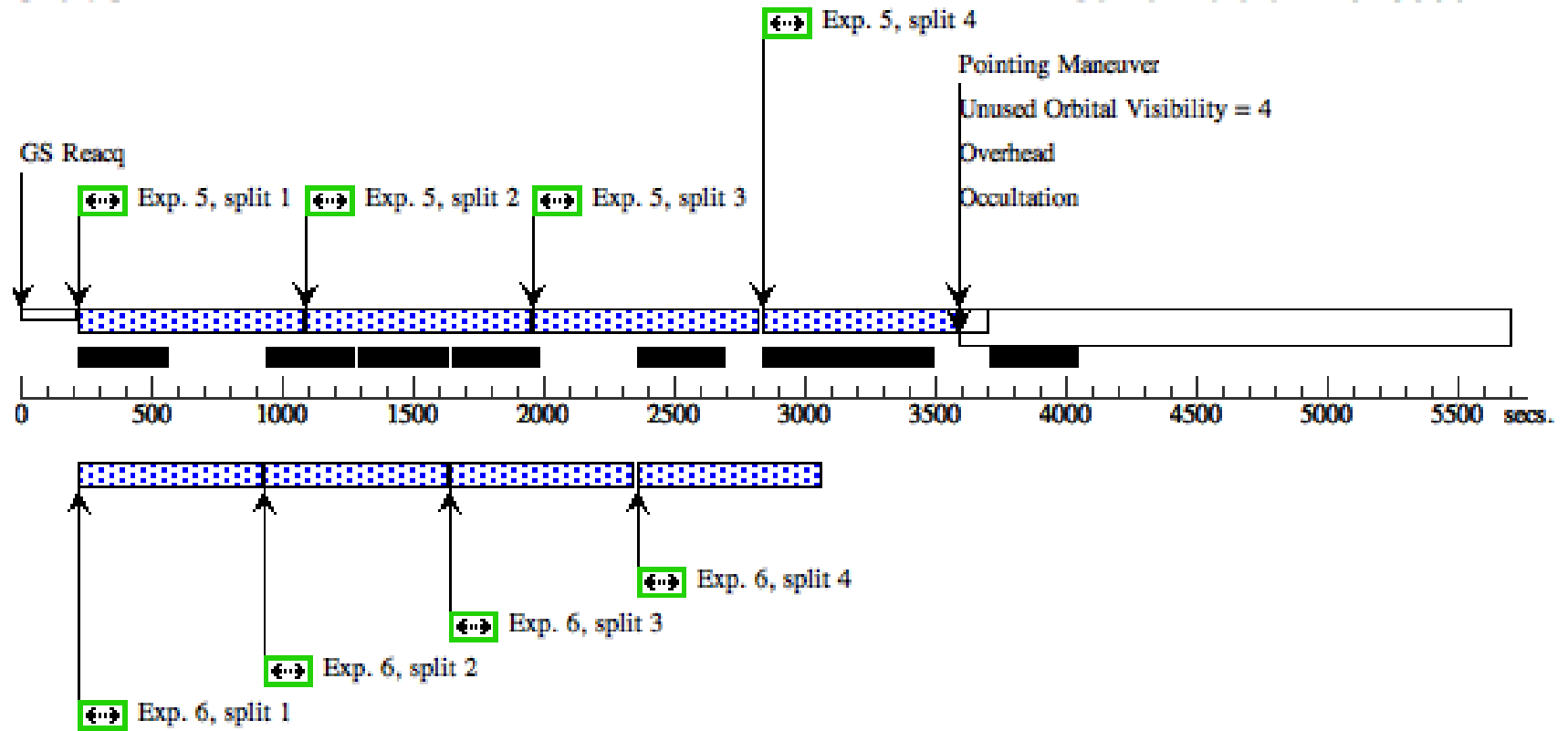
Orbit 2

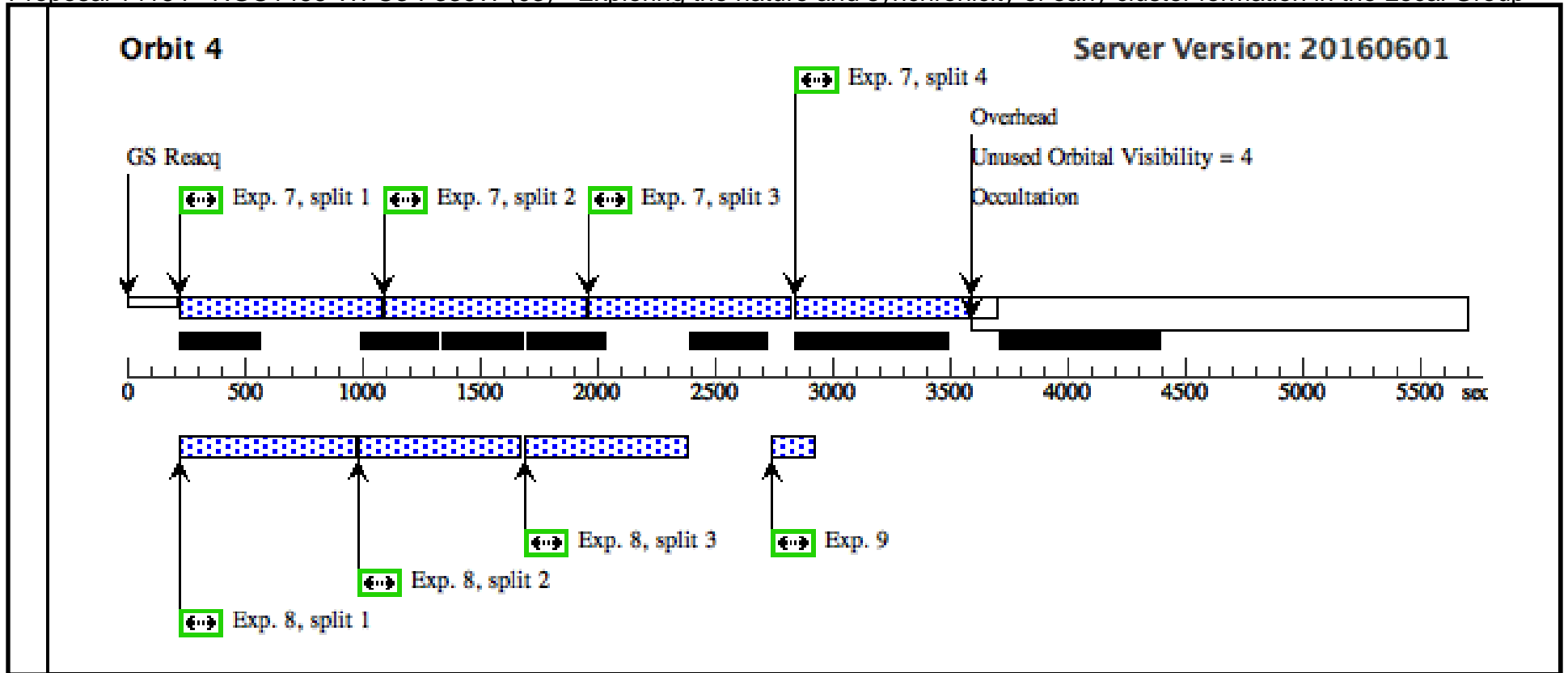
Server Version: 20160601



Orbit 3

Server Version: 20160601

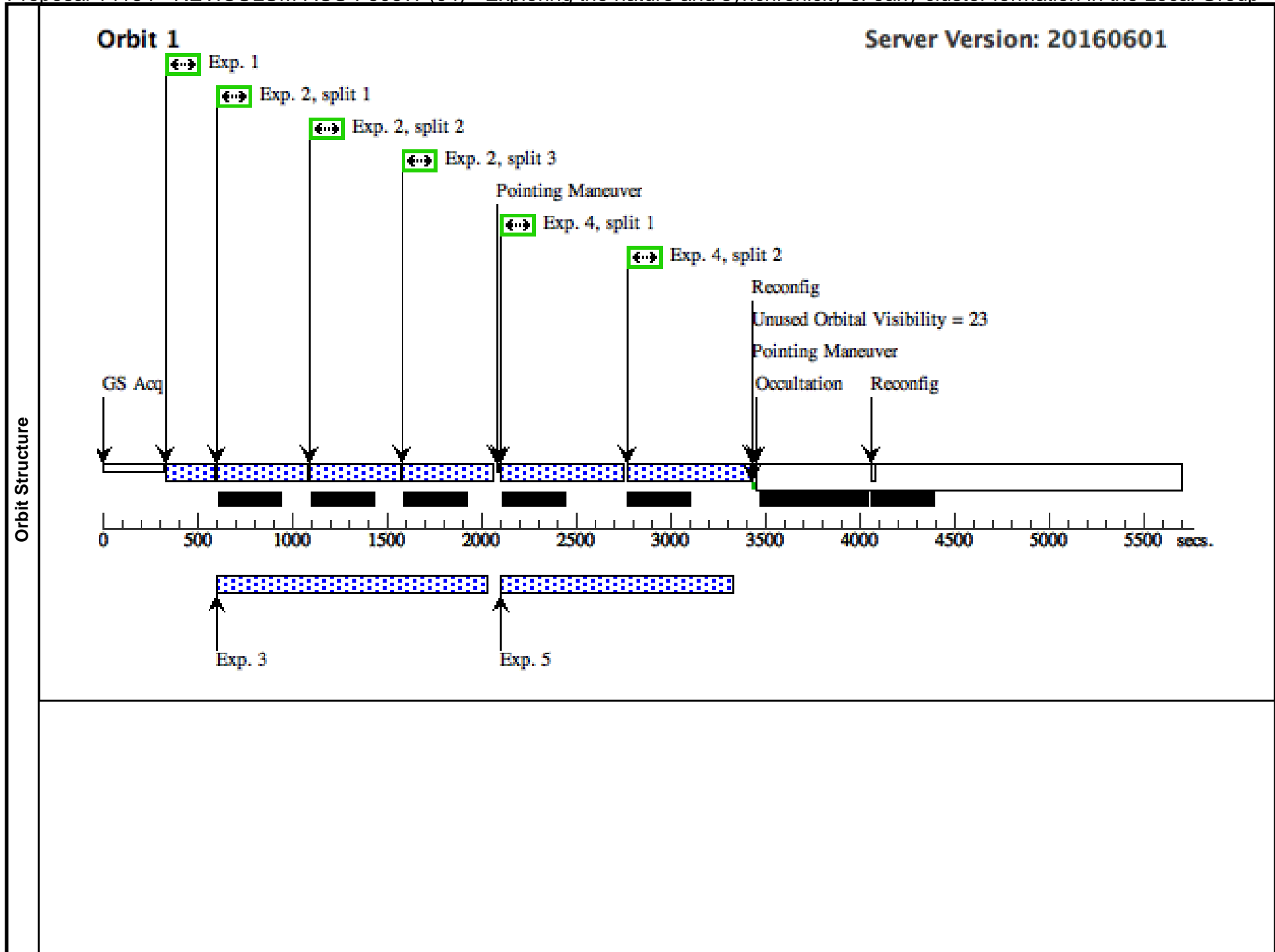


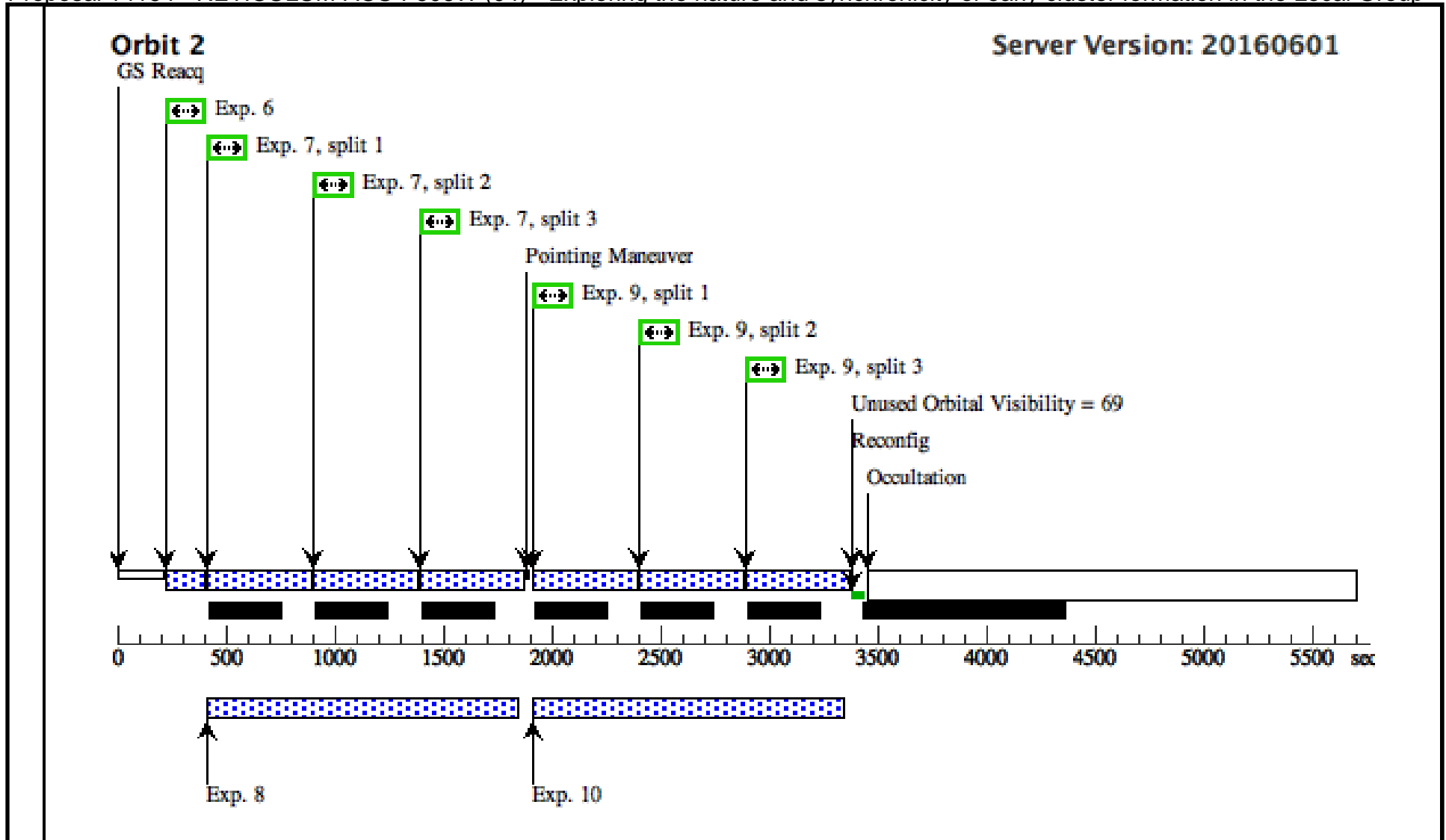


Proposal 14164 - RETICULUM-ACS-F606W (04) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Wed Sep 07 21:03:46 GMT 2016

Visit	Proposal 14164, RETICULUM-ACS-F606W (04), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SEQ 04.05.06 WITHIN 365 D									
	Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (2) RETICULUM RA: 04 36 11.4000 (69.0475000d) Dec: -58 51 47.00 (-58.86306d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) RETICULUM	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -6,6		50 Secs (50 Secs) [==>]	[1]
	2	F606W	(2) RETICULUM	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG -6,6	Prime + Parallel Group 2-3 in RETICULUM-ACS-F606W (0 4)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	3		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP2 00		Prime + Parallel Group 2-3 in RETICULUM-ACS-F606W (0 4)	1399.231402 Secs (1399.231 Secs) [==>]	[1]
	4	F606W	(2) RETICULUM	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=2	POS TARG -2,2	Prime + Parallel Group 4-5 in RETICULUM-ACS-F606W (0 4)	1050 Secs (1050 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	5		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=13; SAMP-SEQ=STEP2 00		Prime + Parallel Group 4-5 in RETICULUM-ACS-F606W (0 4)	1199.231335 Secs (1199.231 Secs) [==>]	[1]
	6		(2) RETICULUM	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 2,-2		50 Secs (50 Secs) [==>]	[2]
	7	F606W	(2) RETICULUM	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG 2,-2	Prime + Parallel Group 7-8 in RETICULUM-ACS-F606W (0 4)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	8		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP2 00		Prime + Parallel Group 7-8 in RETICULUM-ACS-F606W (0 4)	1399.231402 Secs (1399.231 Secs) [==>]	[2]
	9	F606W	(2) RETICULUM	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG 6,-6	Prime + Parallel Group 9-10 in RETICULUM-ACS-F606W (0 4)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
10		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP2 00		Prime + Parallel Group 9-10 in RETICULUM-ACS-F606W (0 4)	1399.231402 Secs (1399.231 Secs) [==>]	[2]	





Proposal 14164 - RETICULUM-ACS-F814W (05) - Exploring the nature and synchronicity of early cluster formation in the Local Group

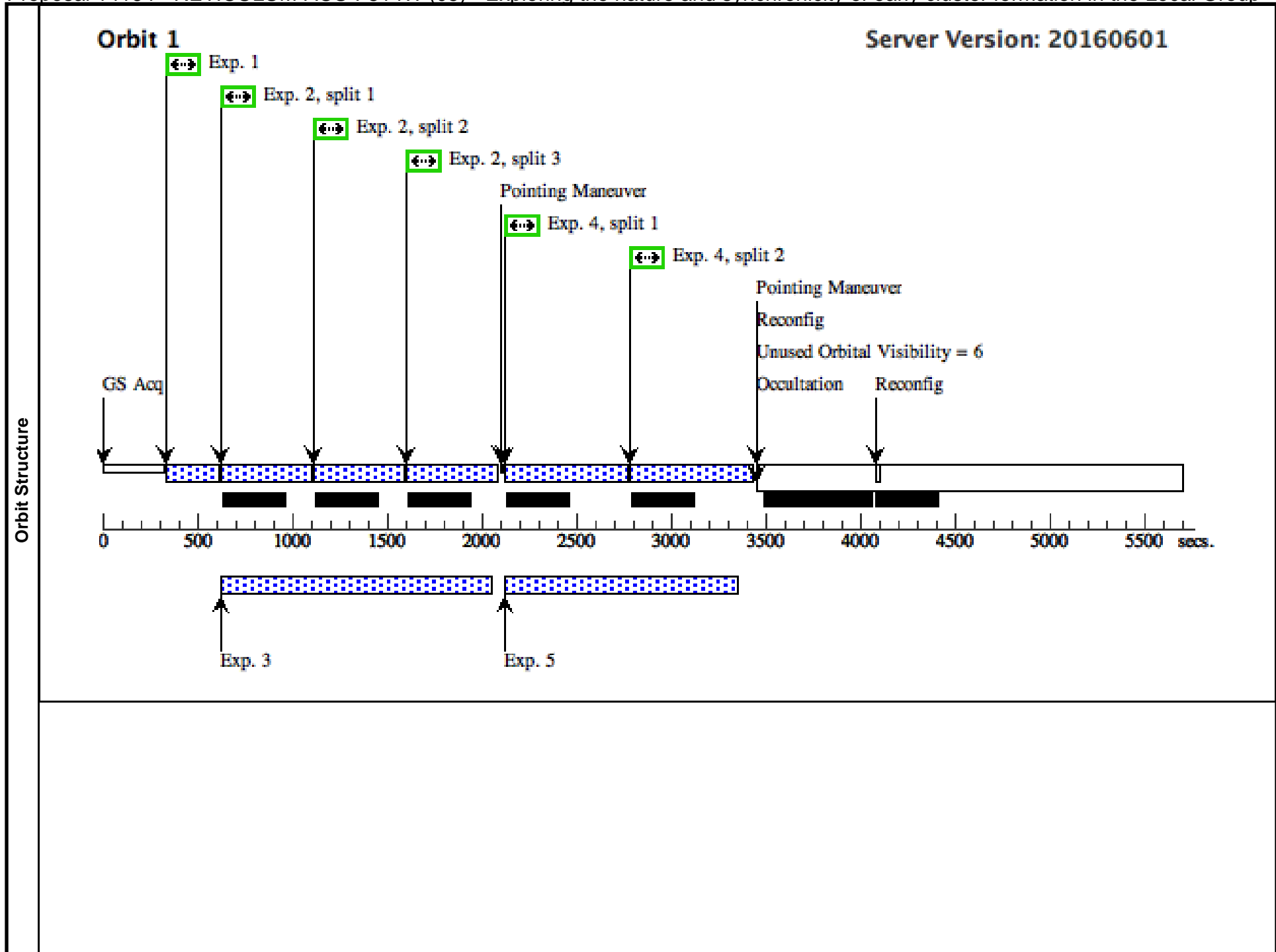
Visit	Proposal 14164, RETICULUM-ACS-F814W (05), completed Wed Sep 07 21:03:46 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 04					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(2)		RETICULUM	RA: 04 36 11.4000 (69.0475000d) Dec: -58 51 47.00 (-58.86306d) Equinox: J2000		V=14.25	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 14164 - RETICULUM-ACS-F814W (05) - Exploring the nature and synchronicity of early cluster formation in the Local Group

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) RETICULUM	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -5,5		70 Secs (70 Secs)	
								[==>]	[1]
2	F814W	(2) RETICULUM	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -5,5	Prime + Parallel Group 2-3 in RETICULUM-ACS-F814W (05)	1059 Secs (1059 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[1]
								[==>(Split 3)]	
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 2-3 in RETICULUM-ACS-F814W (05)	1399.231402 Secs (1399.231 Secs)	
								[==>]	[1]
4	F814W	(2) RETICULUM	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=2	POS TARG -3,3	Prime + Parallel Group 4-5 in RETICULUM-ACS-F814W (05)	1050 Secs (1050 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[1]
5		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5 in RETICULUM-ACS-F814W (05)	1199.231335 Secs (1199.231 Secs)	
								[==>]	[1]
6		(2) RETICULUM	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -1,1		70 Secs (70 Secs)	
								[==>]	[2]
7	F814W	(2) RETICULUM	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -1,1	Prime + Parallel Group 7-8 in RETICULUM-ACS-F814W (05)	1080 Secs (1080 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[2]
								[==>(Split 3)]	
8		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 7-8 in RETICULUM-ACS-F814W (05)	1399.231402 Secs (1399.231 Secs)	
								[==>]	[2]
9	F814W	(2) RETICULUM	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 1,-1	Prime + Parallel Group 9-10 in RETICULUM-ACS-F814W (05)	1080 Secs (1080 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[2]
								[==>(Split 3)]	
10		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 9-10 in RETICULUM-ACS-F814W (05)	1399.231402 Secs (1399.231 Secs)	
								[==>]	[2]
11	F814W	(2) RETICULUM	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 3,-3	Prime + Parallel Group 11-12 in RETICULUM-ACS-F814W (05)	1185 Secs (1185 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[3]
								[==>(Split 3)]	
12		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 11-12 in RETICULUM-ACS-F814W (05)	1399.231402 Secs (1399.231 Secs)	
								[==>]	[3]
13	F814W	(2) RETICULUM	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 5,-5	Prime + Parallel Group 13-14 in RETICULUM-ACS-F814W (05)	1185 Secs (1185 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	
								[==>(Split 3)]	[3]

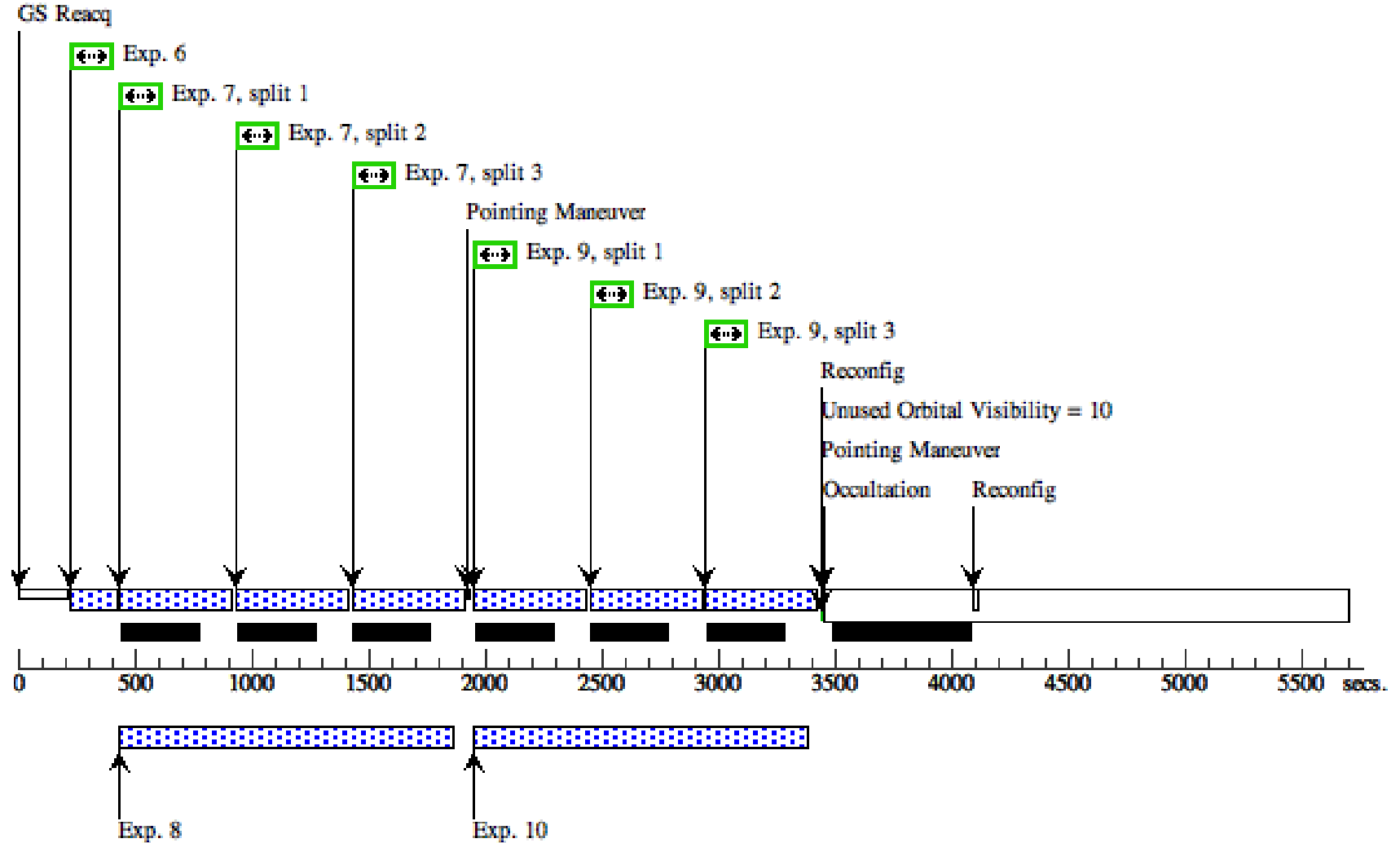
Proposal 14164 - RETICULUM-ACS-F814W (05) - Exploring the nature and synchronicity of early cluster formation in the Local Group

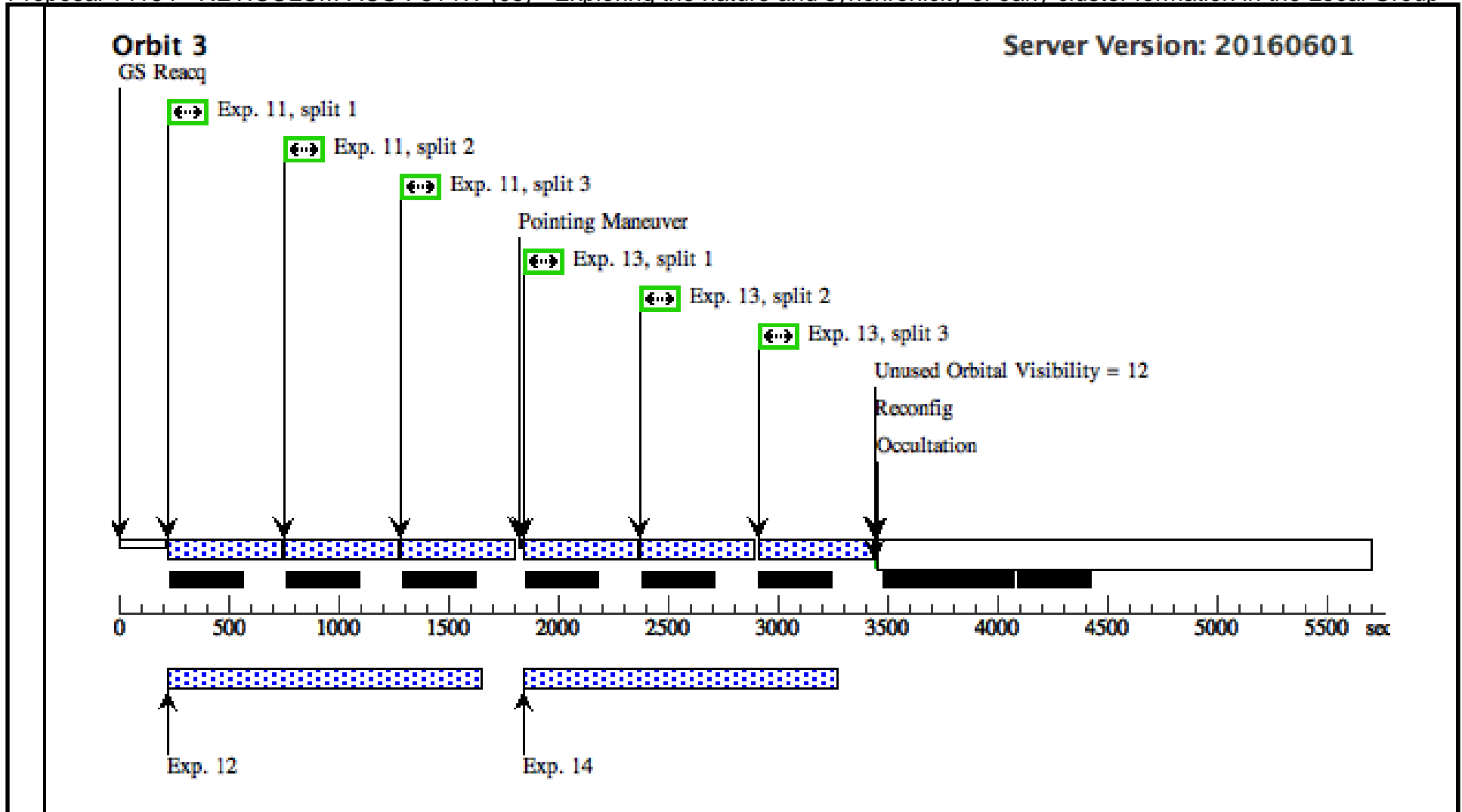
14	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP2 00	Prime + Parallel Group up 13-14 in RETICULUM-ACS-F814W (05)	1399.231402 Secs (1399.231 Secs) [==>]	[3]
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Orbit 2

Server Version: 20160601



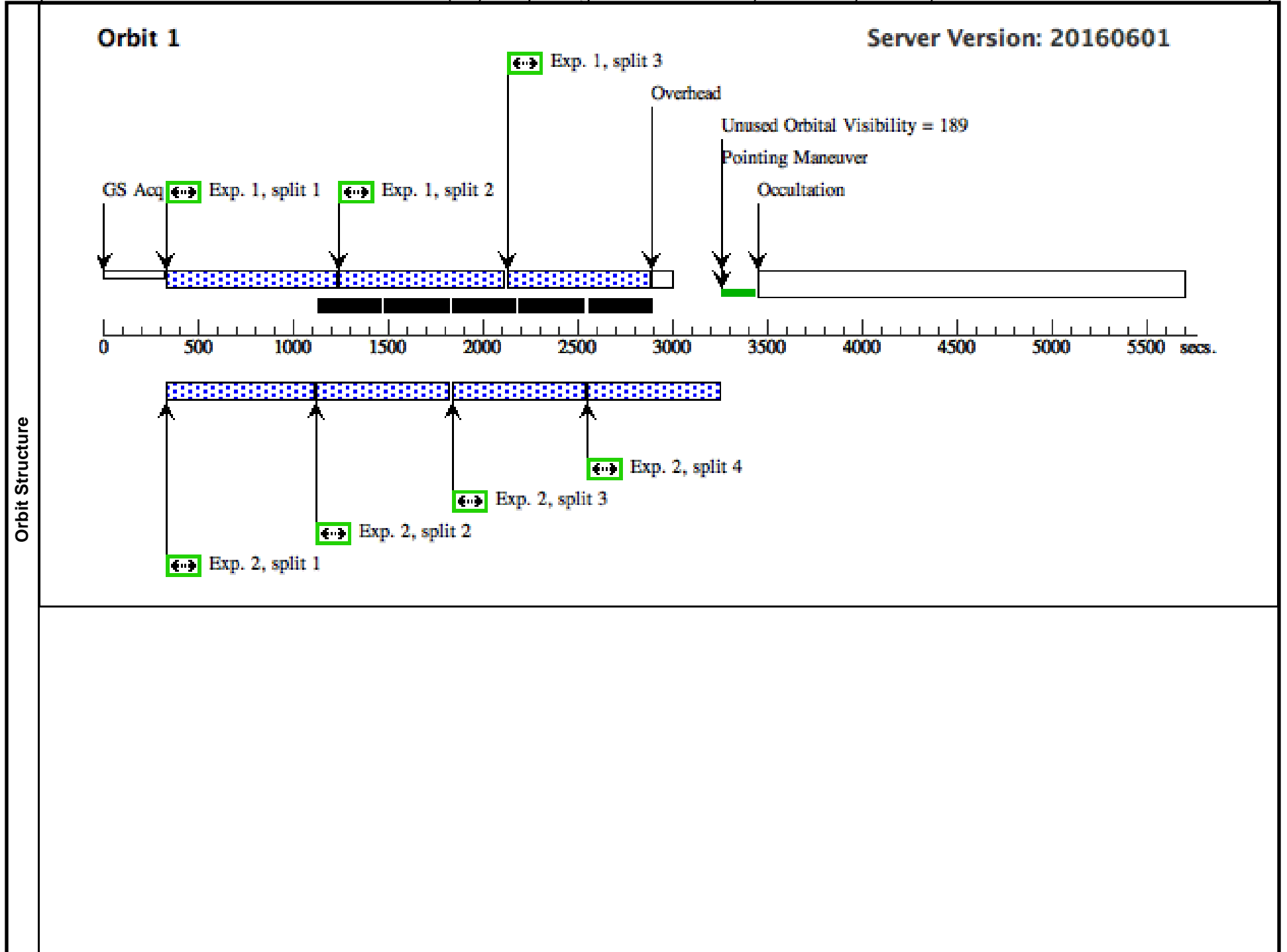


Proposal 14164 - RETICULUM-WFC3-F336W (06) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Visit	Proposal 14164, RETICULUM-WFC3-F336W (06), scheduling Wed Sep 07 21:03:47 GMT 2016 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 180D TO 180D FROM 04																
	(RETICULUM-WFC3-F336W (06)) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME (RETICULUM-WFC3-F336W (06)) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME (RETICULUM-WFC3-F336W (06)) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME																
Fixed Targets	<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>(2)</td> <td>RETICULUM</td> <td>RA: 04 36 11.4000 (69.0475000d) Dec: -58 51 47.00 (-58.86306d) Equinox: J2000</td> <td></td> <td>V=14.25</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	RETICULUM	RA: 04 36 11.4000 (69.0475000d) Dec: -58 51 47.00 (-58.86306d) Equinox: J2000		V=14.25	Reference Frame: SIMBAD
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(2)	RETICULUM	RA: 04 36 11.4000 (69.0475000d) Dec: -58 51 47.00 (-58.86306d) Equinox: J2000		V=14.25	Reference Frame: SIMBAD												
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>																	

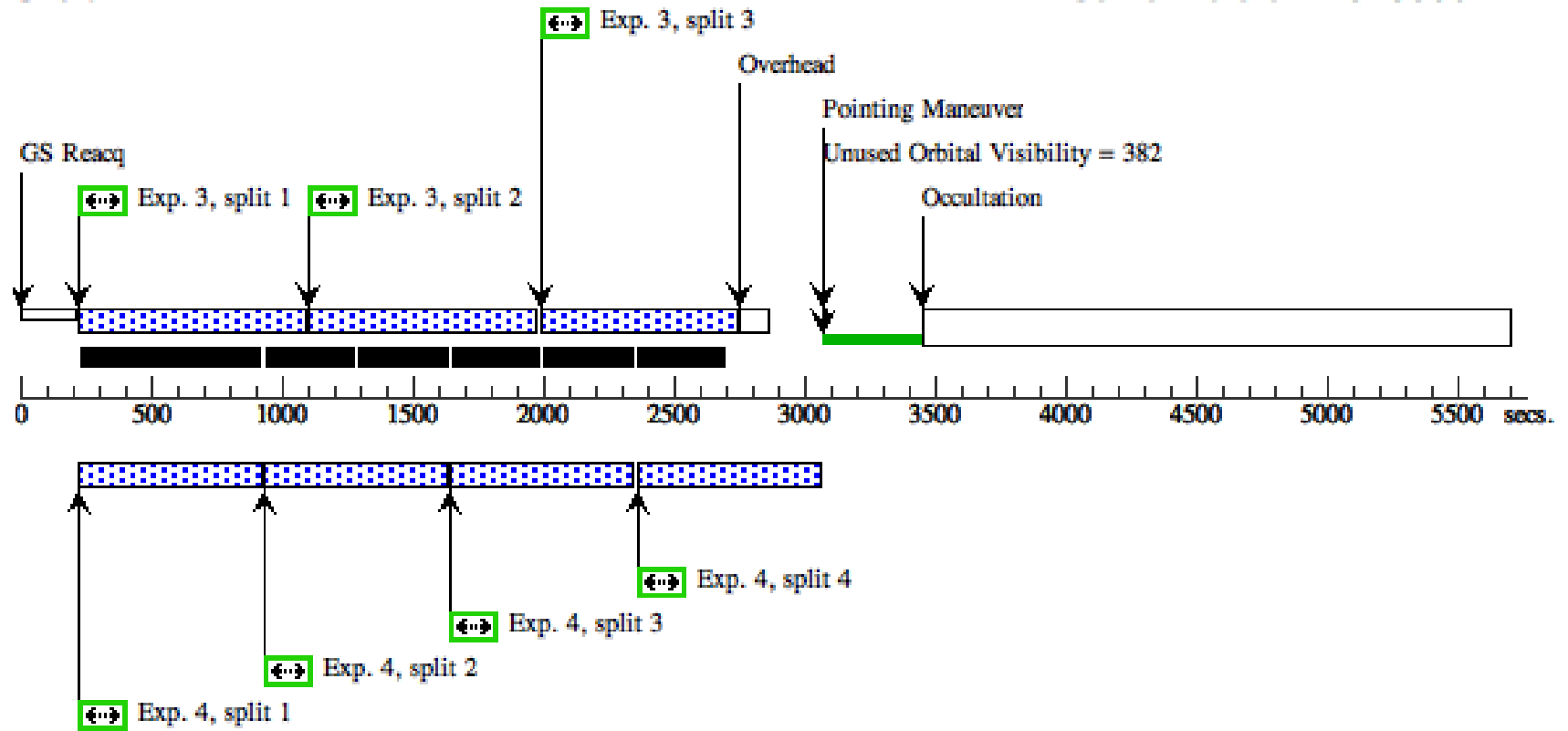
Proposal 14164 - RETICULUM-WFC3-F336W (06) - Exploring the nature and synchronicity of early cluster formation in the Local Group

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(2) RETICULUM	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=3; FLASH=10	POS TARG -6,6	Prime + Parallel Group 1-2 in RETICULUM-WFC3-F336W (06)	2250 Secs (2250 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	2	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 1-2 in RETICULUM-WFC3-F336W (06)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(2) RETICULUM	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=3; FLASH=10	POS TARG -2,2	Prime + Parallel Group 3-4 in RETICULUM-WFC3-F336W (06)	2250 Secs (2250 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	4	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 3-4 in RETICULUM-WFC3-F336W (06)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	5	(2) RETICULUM	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=3; FLASH=10	POS TARG 2,-2	Prime + Parallel Group 5-6 in RETICULUM-WFC3-F336W (06)	2250 Secs (2250 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[3]
	6	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 5-6 in RETICULUM-WFC3-F336W (06)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[3]
	7	(2) RETICULUM	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=3; FLASH=10	POS TARG 6,-6	Prime + Parallel Group 7-9 in RETICULUM-WFC3-F336W (06)	2250 Secs (2250 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[4]
	8	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3		Prime + Parallel Group 7-9 in RETICULUM-WFC3-F336W (06)	1500 Secs (1500 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[4]
	9	ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-9 in RETICULUM-WFC3-F336W (06)	50 Secs (50 Secs) [==>]	[4]



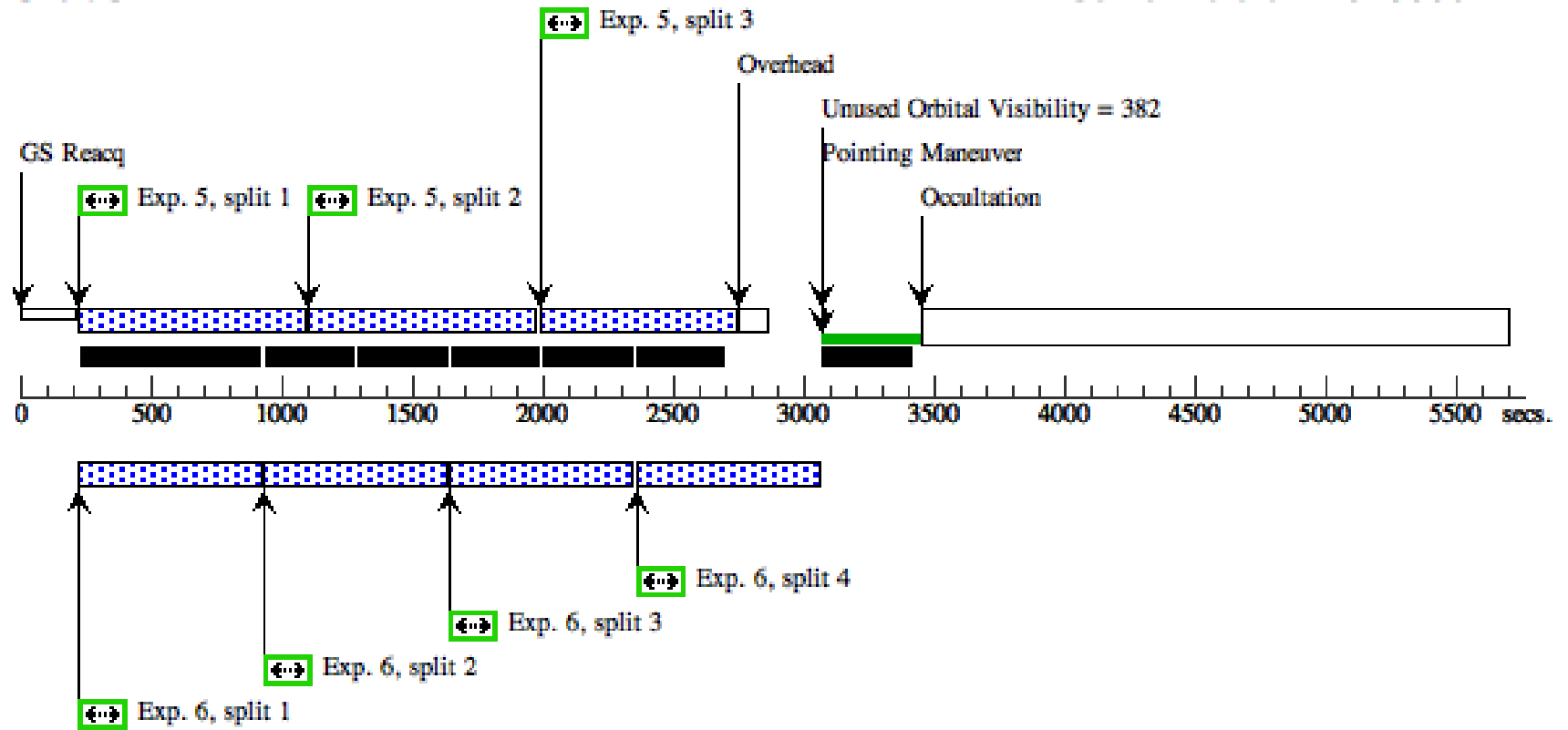
Orbit 2

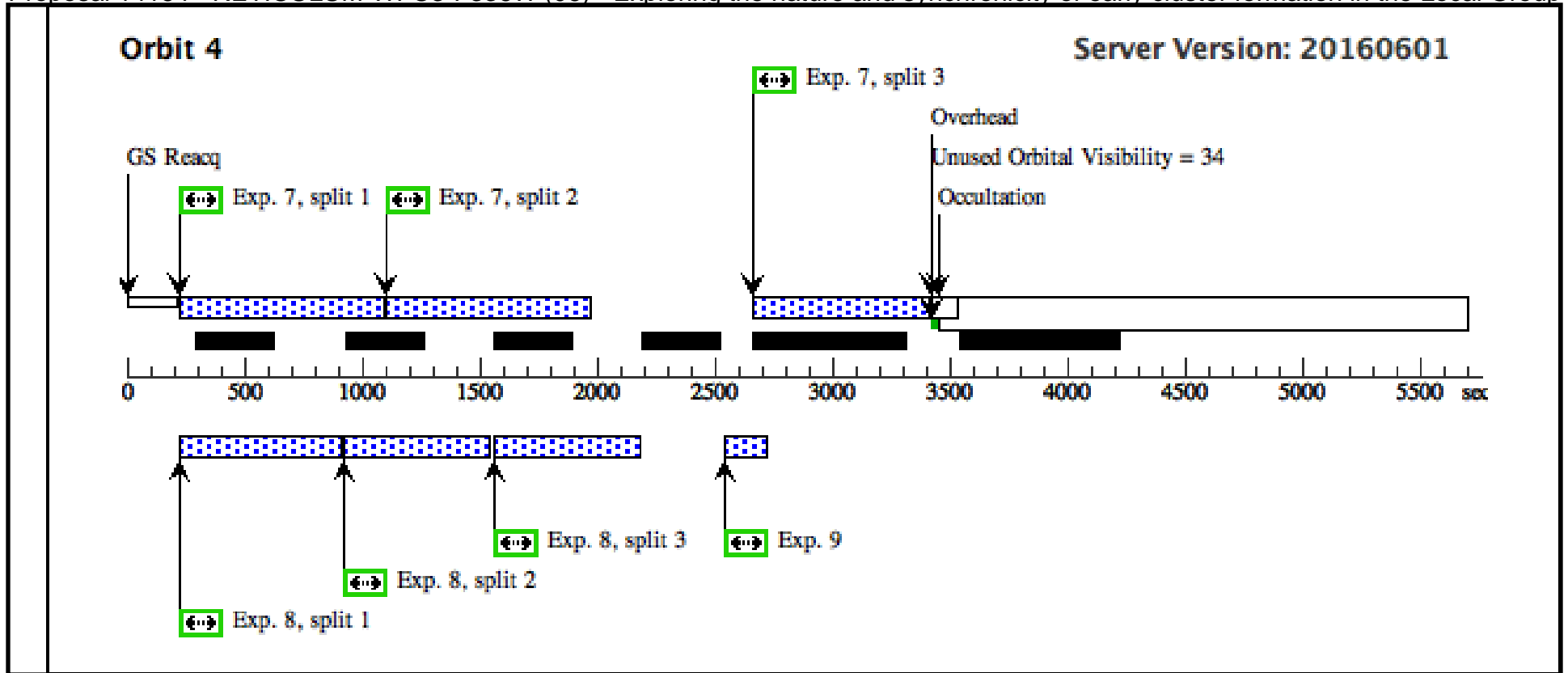
Server Version: 20160601



Orbit 3

Server Version: 20160601

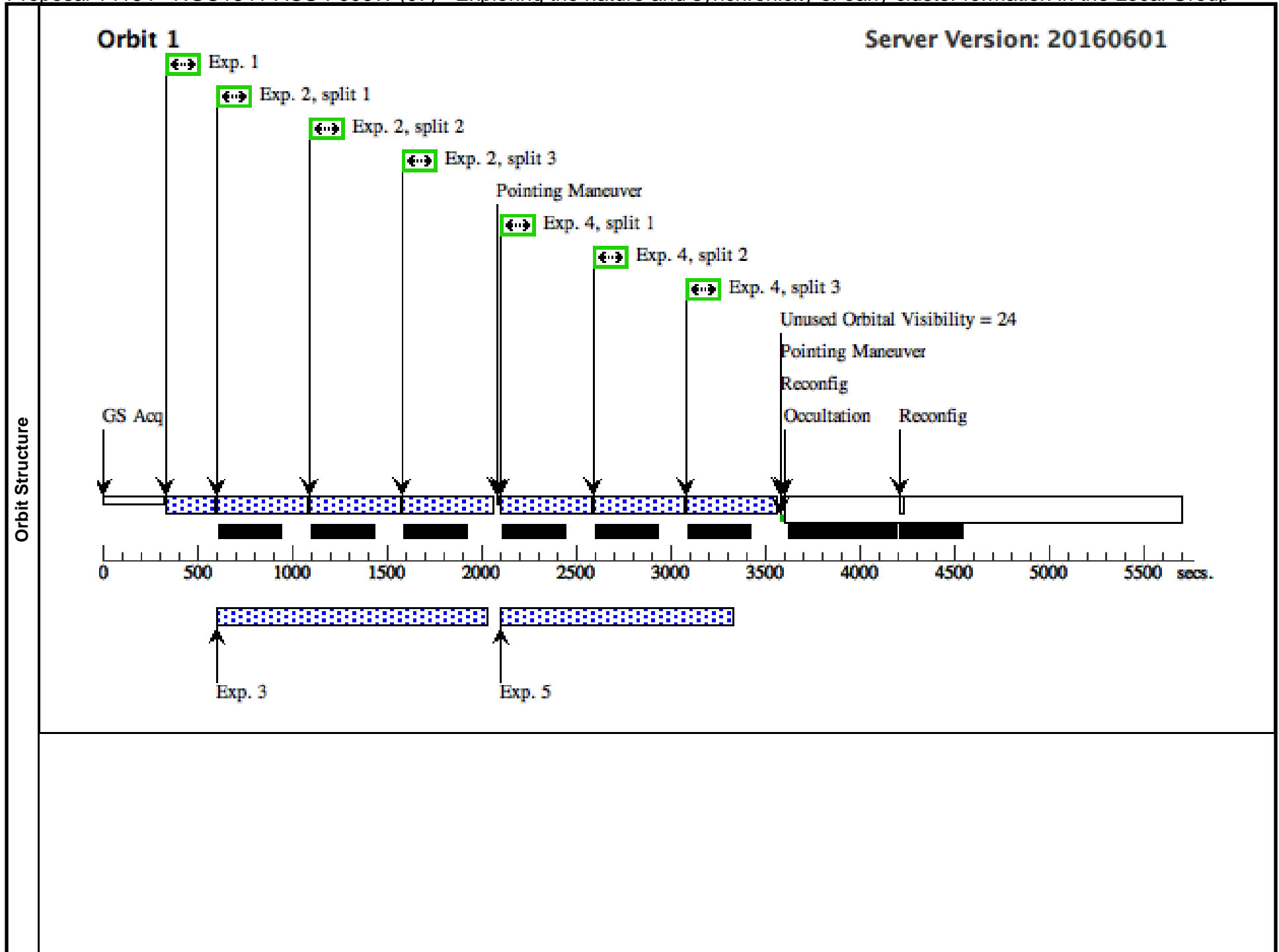


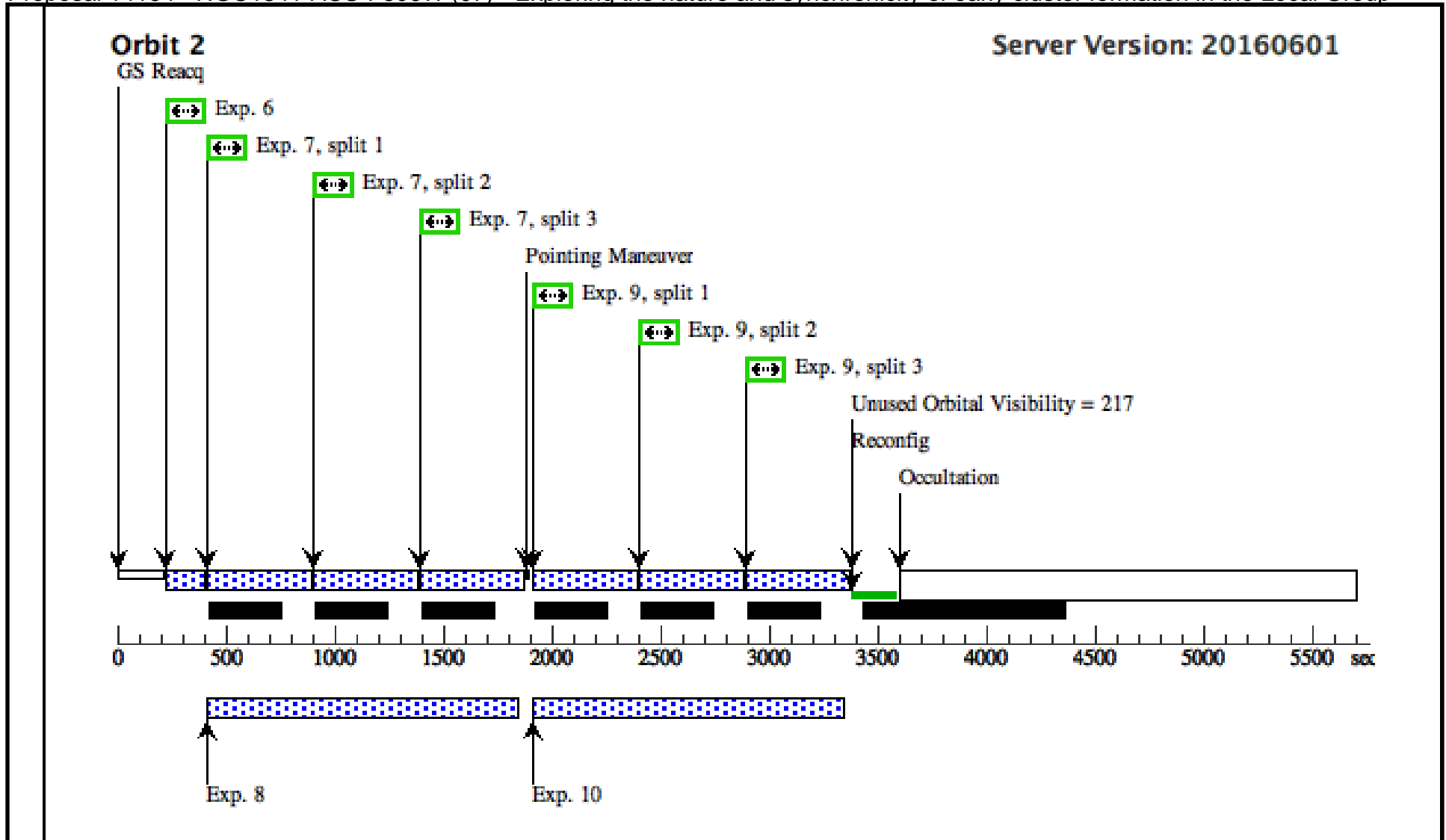


Proposal 14164 - NGC1841-ACS-F606W (07) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Wed Sep 07 21:03:47 GMT 2016

Visit	Proposal 14164, NGC1841-ACS-F606W (07), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SEQ 07,08,09 WITHIN 365 D																											
	Fixed Targets	<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>(3)</td> <td>NGC-1841</td> <td>RA: 04 45 23.0000 (71.3458333d) Dec: -83 59 48.00 (-83.99667d) Equinox: J2000</td> <td></td> <td>V=11.43</td> <td>Reference Frame: SIMBAD</td> </tr> <tr> <td colspan="6"><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	NGC-1841	RA: 04 45 23.0000 (71.3458333d) Dec: -83 59 48.00 (-83.99667d) Equinox: J2000		V=11.43	Reference Frame: SIMBAD	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(3)	NGC-1841	RA: 04 45 23.0000 (71.3458333d) Dec: -83 59 48.00 (-83.99667d) Equinox: J2000		V=11.43	Reference Frame: SIMBAD																							
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>																												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1		(3) NGC-1841	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -6,6		50 Secs (50 Secs) [==>]	[1]																		
	2	F606W	(3) NGC-1841	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG -6,6	Prime + Parallel Group 2-3 in NGC1841-ACS-F606W (07)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]																		
	3		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 2-3 in NGC1841-ACS-F606W (07)	1399.231402 Secs (1399.231 Secs) [==>]	[1]																		
	4	F606W	(3) NGC-1841	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG -2,2	Prime + Parallel Group 4-5 in NGC1841-ACS-F606W (07)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]																		
	5		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=13; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5 in NGC1841-ACS-F606W (07)	1199.231335 Secs (1199.231 Secs) [==>]	[1]																		
	6		(3) NGC-1841	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 2,-2		50 Secs (50 Secs) [==>]	[2]																		
	7	F606W	(3) NGC-1841	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG 2,-2	Prime + Parallel Group 7-8 in NGC1841-ACS-F606W (07)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]																		
	8		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 7-8 in NGC1841-ACS-F606W (07)	1399.231402 Secs (1399.231 Secs) [==>]	[2]																		
	9	F606W	(3) NGC-1841	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG 6,-6	Prime + Parallel Group 9-10 in NGC1841-ACS-F606W (07)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]																		
10		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 9-10 in NGC1841-ACS-F606W (07)	1399.231402 Secs (1399.231 Secs) [==>]	[2]																			



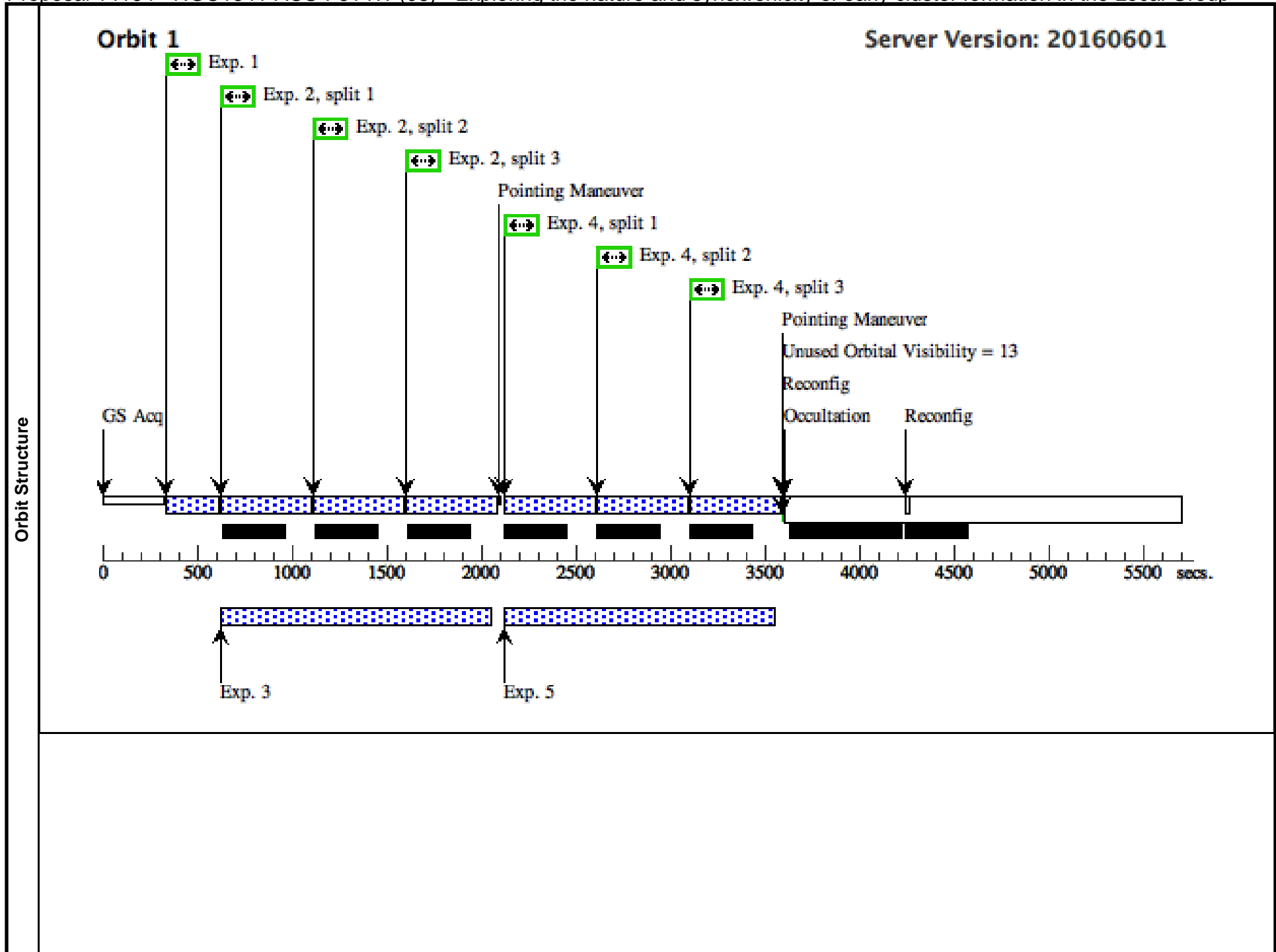


Proposal 14164 - NGC1841-ACS-F814W (08) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Visit	Proposal 14164, NGC1841-ACS-F814W (08), completed Wed Sep 07 21:03:47 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 07					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(3)		NGC-1841	RA: 04 45 23.0000 (71.3458333d) Dec: -83 59 48.00 (-83.99667d) Equinox: J2000		V=11.43	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

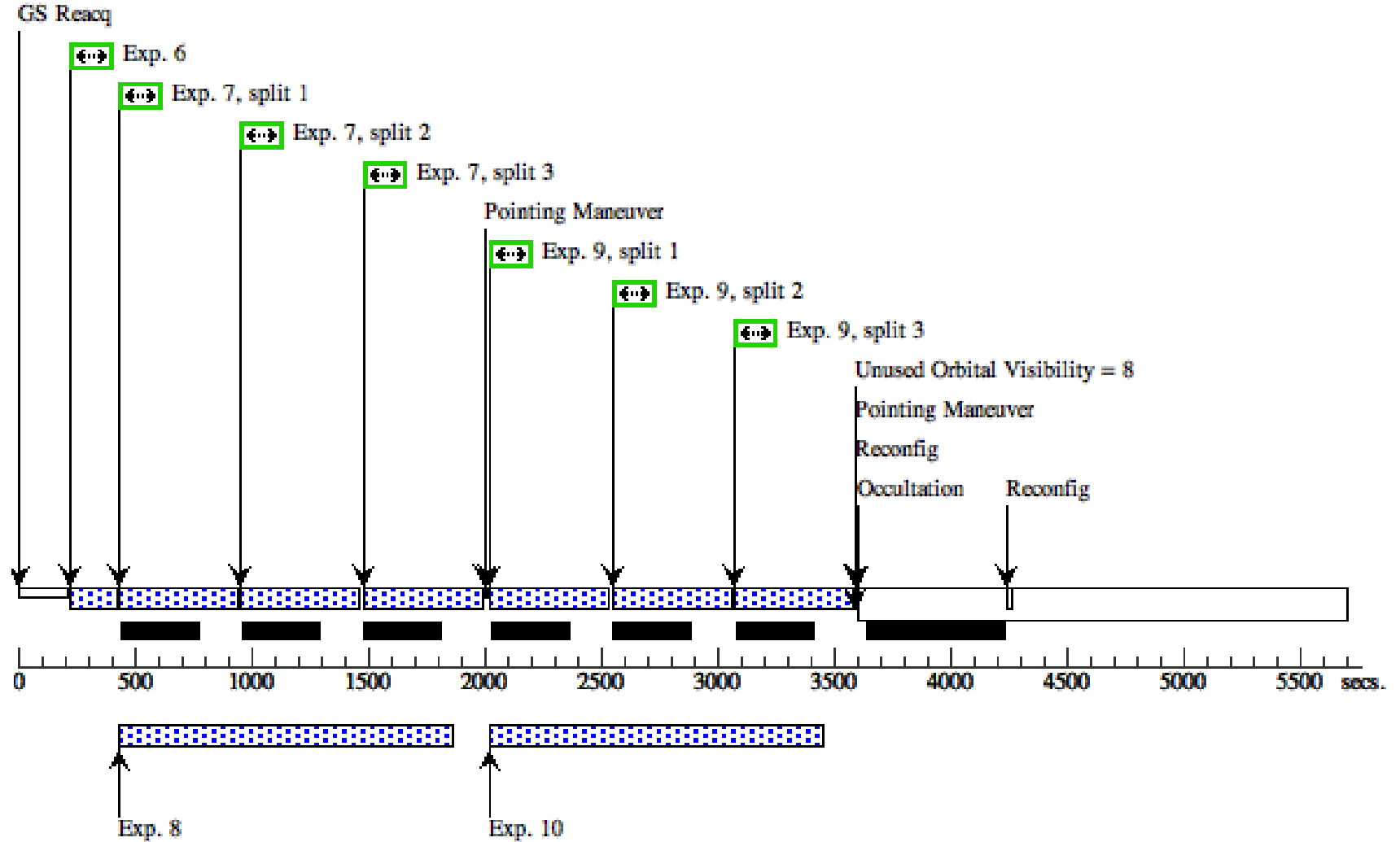
Proposal 14164 - NGC1841-ACS-F814W (08) - Exploring the nature and synchronicity of early cluster formation in the Local Group

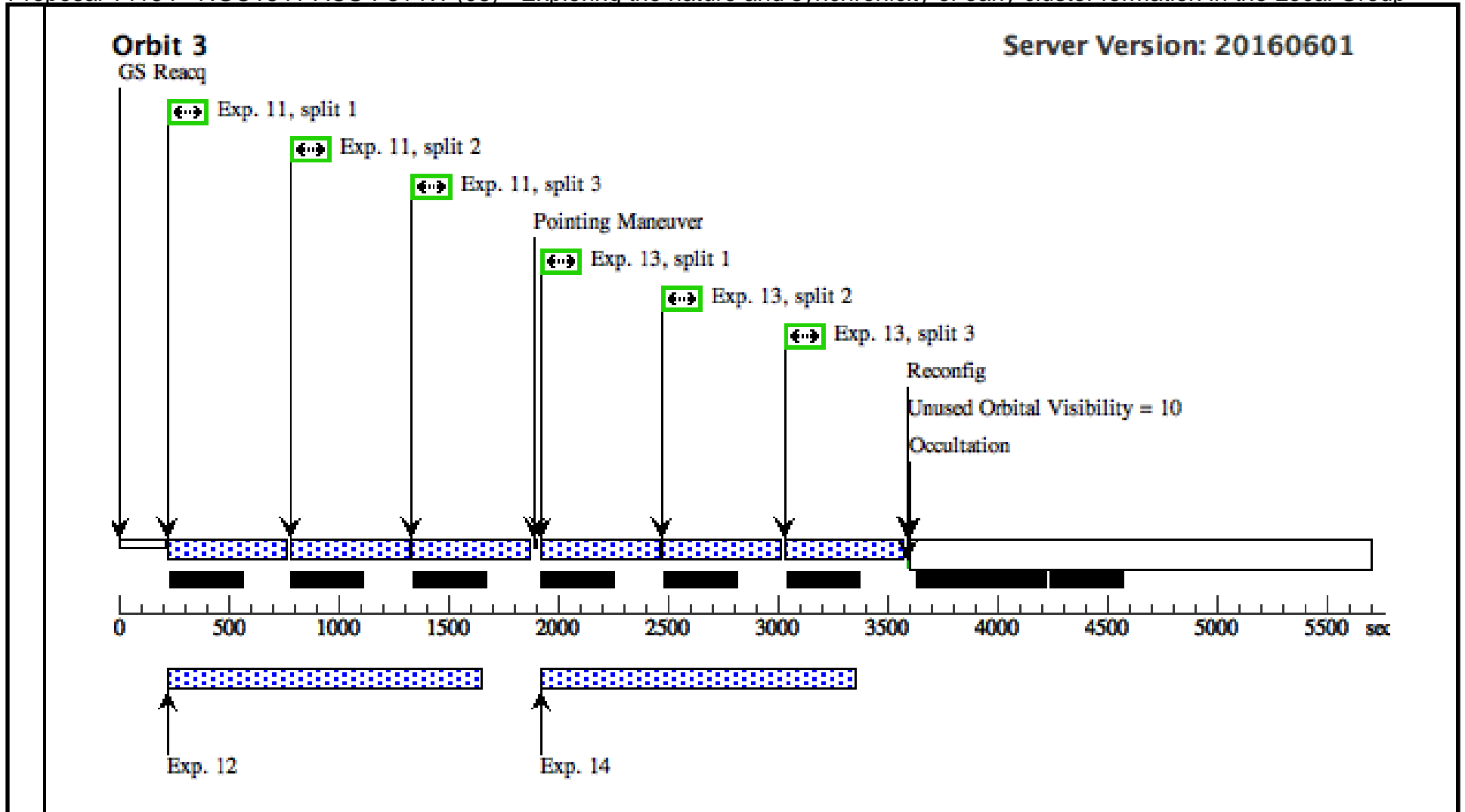
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) NGC-1841	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -5,5		70 Secs (70 Secs)	
								[==>]	[1]
2	F814W	(3) NGC-1841	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -5,5	Prime + Parallel Group 2-3 in NGC1841-ACS-F814W (08)	1056 Secs (1056 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[1]
								[==>(Split 3)]	
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 2-3 in NGC1841-ACS-F814W (08)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[1]
4	F814W	(3) NGC-1841	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -3,3	Prime + Parallel Group 4-5 in NGC1841-ACS-F814W (08)	1056 Secs (1056 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[1]
								[==>(Split 3)]	
5		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 4-5 in NGC1841-ACS-F814W (08)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[1]
6		(3) NGC-1841	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -1,1		70 Secs (70 Secs)	
								[==>]	[2]
7	F814W	(3) NGC-1841	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -1,1	Prime + Parallel Group 7-8 in NGC1841-ACS-F814W (08)	1155 Secs (1155 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[2]
								[==>(Split 3)]	
8		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 7-8 in NGC1841-ACS-F814W (08)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[2]
9	F814W	(3) NGC-1841	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 1,-1	Prime + Parallel Group 9-10 in NGC1841-ACS-F814W (08)	1155 Secs (1155 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[2]
								[==>(Split 3)]	
10		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 9-10 in NGC1841-ACS-F814W (08)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[2]
11	F814W	(3) NGC-1841	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 3,-3	Prime + Parallel Group 11-12 in NGC1841-ACS-F814W (08)	1260 Secs (1260 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[3]
								[==>(Split 3)]	
12		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 11-12 in NGC1841-ACS-F814W (08)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[3]
13	F814W	(3) NGC-1841	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 5,-5	Prime + Parallel Group 13-14 in NGC1841-ACS-F814W (08)	1260 Secs (1260 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[3]
								[==>(Split 3)]	
14		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 13-14 in NGC1841-ACS-F814W (08)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[3]



Orbit 2

Server Version: 20160601



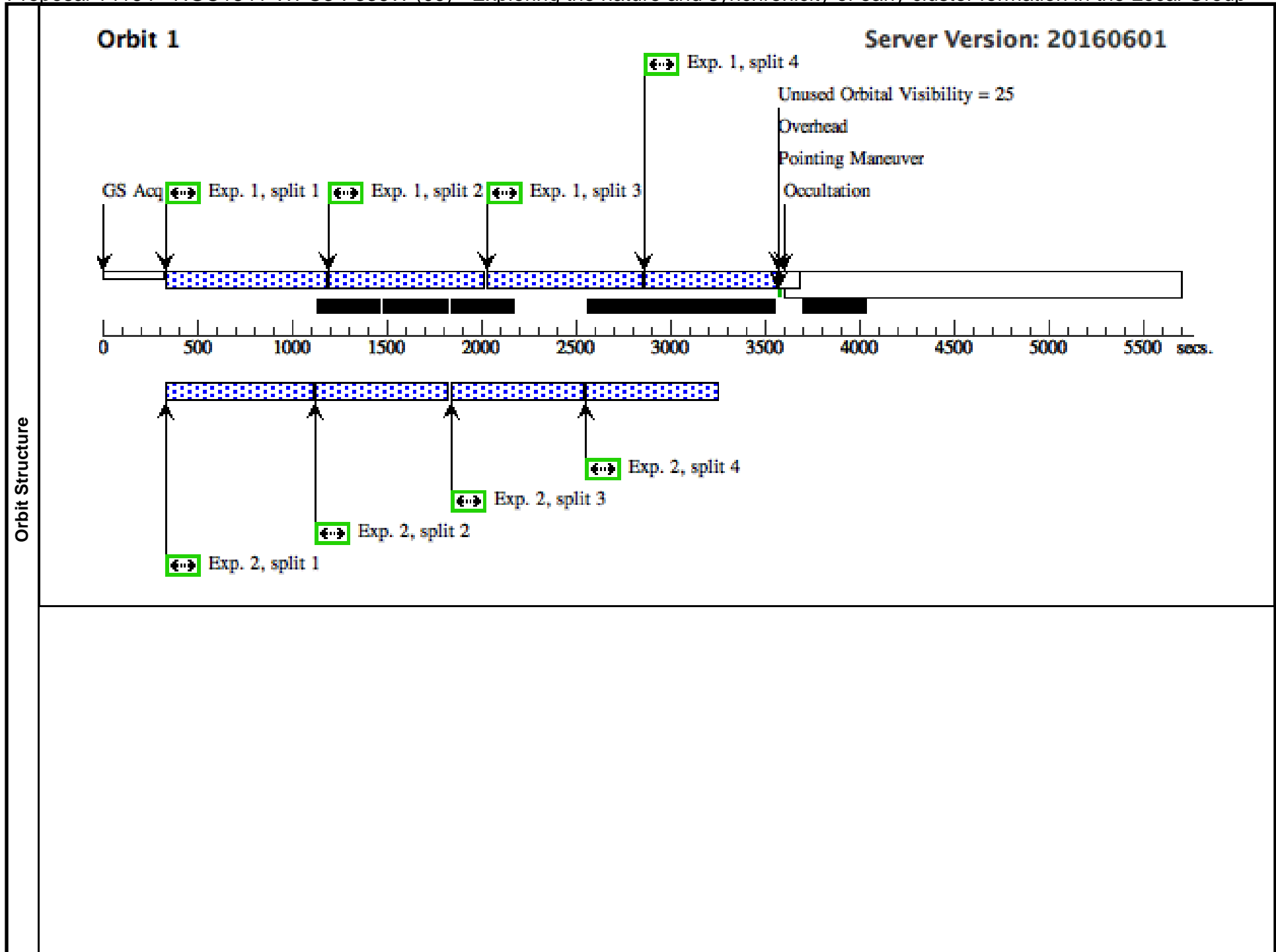


Proposal 14164 - NGC1841-WFC3-F336W (09) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Visit	Proposal 14164, NGC1841-WFC3-F336W (09), completed Wed Sep 07 21:03:47 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 180D TO 180D FROM 07					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(3)		NGC-1841	RA: 04 45 23.0000 (71.3458333d) Dec: -83 59 48.00 (-83.99667d) Equinox: J2000		V=11.43	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

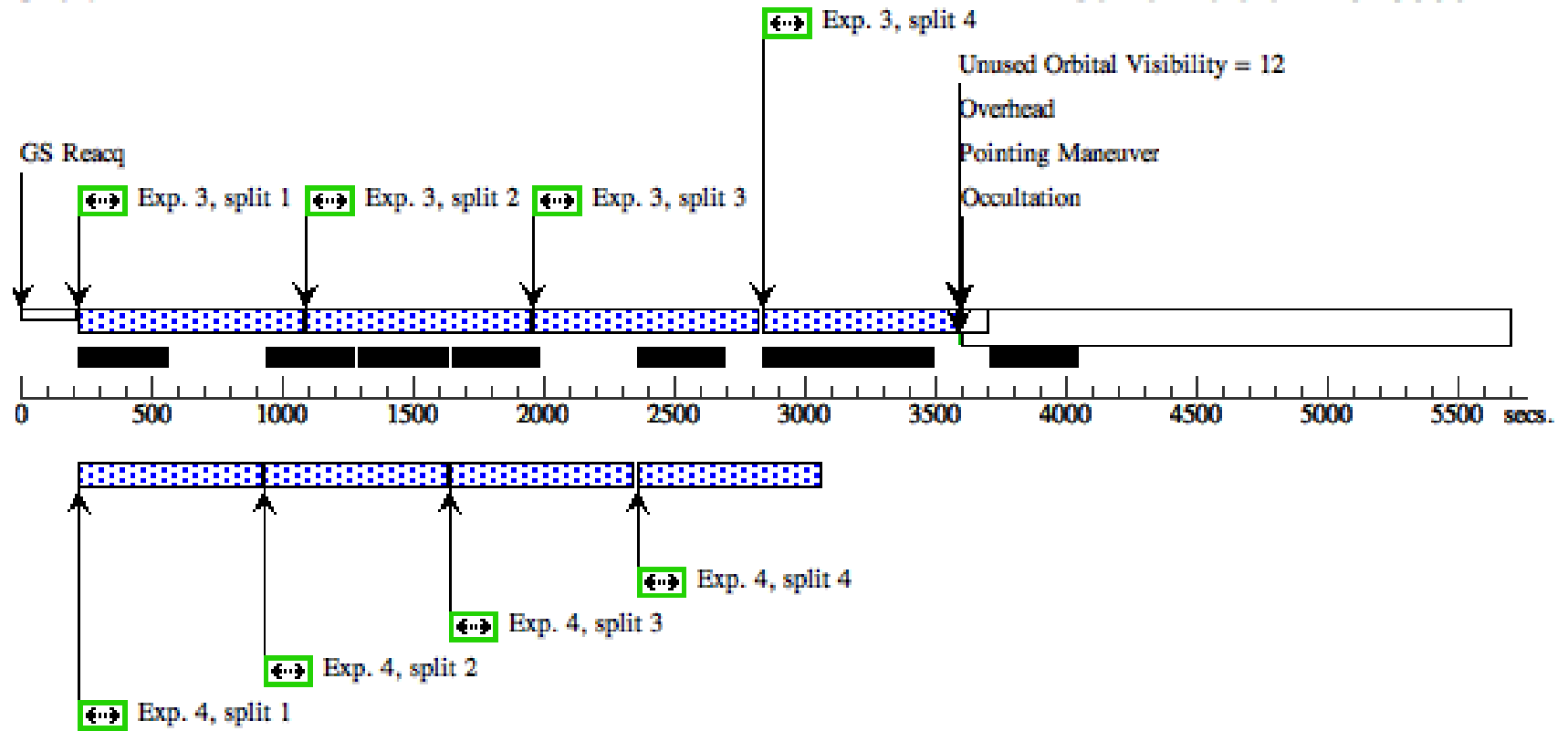
Proposal 14164 - NGC1841-WFC3-F336W (09) - Exploring the nature and synchronicity of early cluster formation in the Local Group

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(3) NGC-1841	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG -6,6	Prime + Parallel Group 1-2 in NGC1841-WFC3-F336W (09)	2800 Secs (2800 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	2	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 1-2 in NGC1841-WFC3-F336W (09)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(3) NGC-1841	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG -2,2	Prime + Parallel Group 3-4 in NGC1841-WFC3-F336W (09)	2956 Secs (2956 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	4	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 3-4 in NGC1841-WFC3-F336W (09)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	5	(3) NGC-1841	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG 2,-2	Prime + Parallel Group 5-6 in NGC1841-WFC3-F336W (09)	2956 Secs (2956 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[3]
	6	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 5-6 in NGC1841-WFC3-F336W (09)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[3]
	7	(3) NGC-1841	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG 6,-6	Prime + Parallel Group 7-9 in NGC1841-WFC3-F336W (09)	2956 Secs (2956 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[4]
	8	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3		Prime + Parallel Group 7-9 in NGC1841-WFC3-F336W (09)	1698 Secs (1698 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[4]
	9	ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-9 in NGC1841-WFC3-F336W (09)	50 Secs (50 Secs) [==>]	[4]



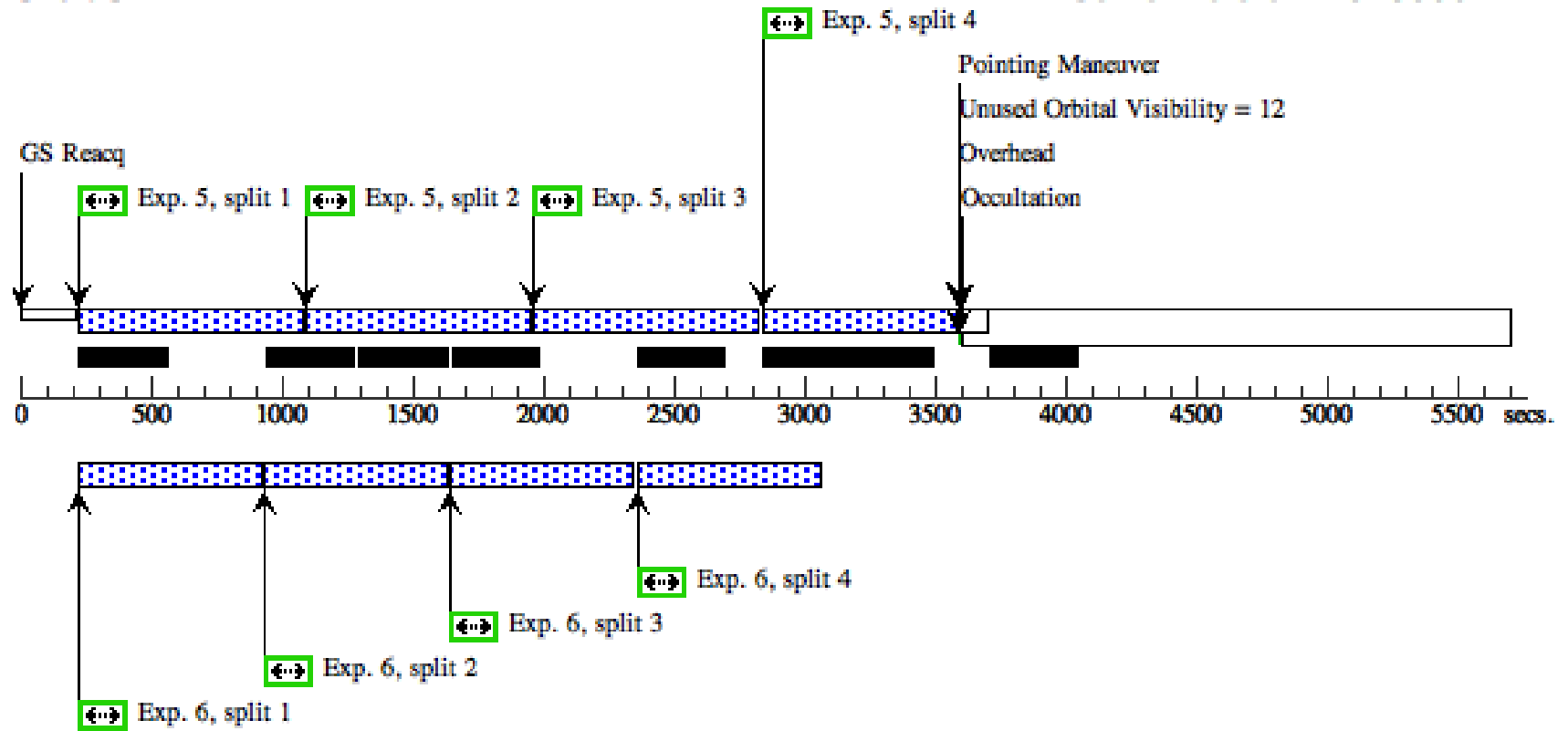
Orbit 2

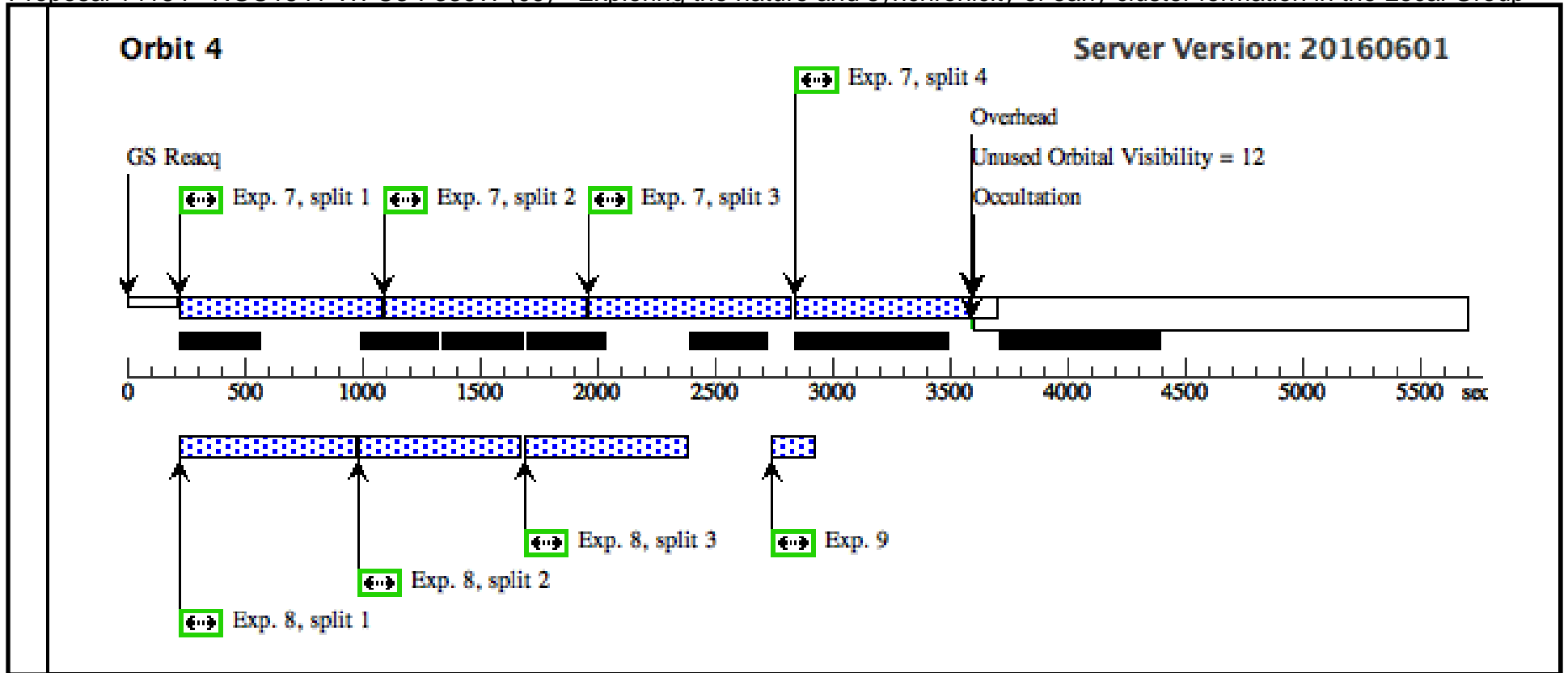
Server Version: 20160601



Orbit 3

Server Version: 20160601

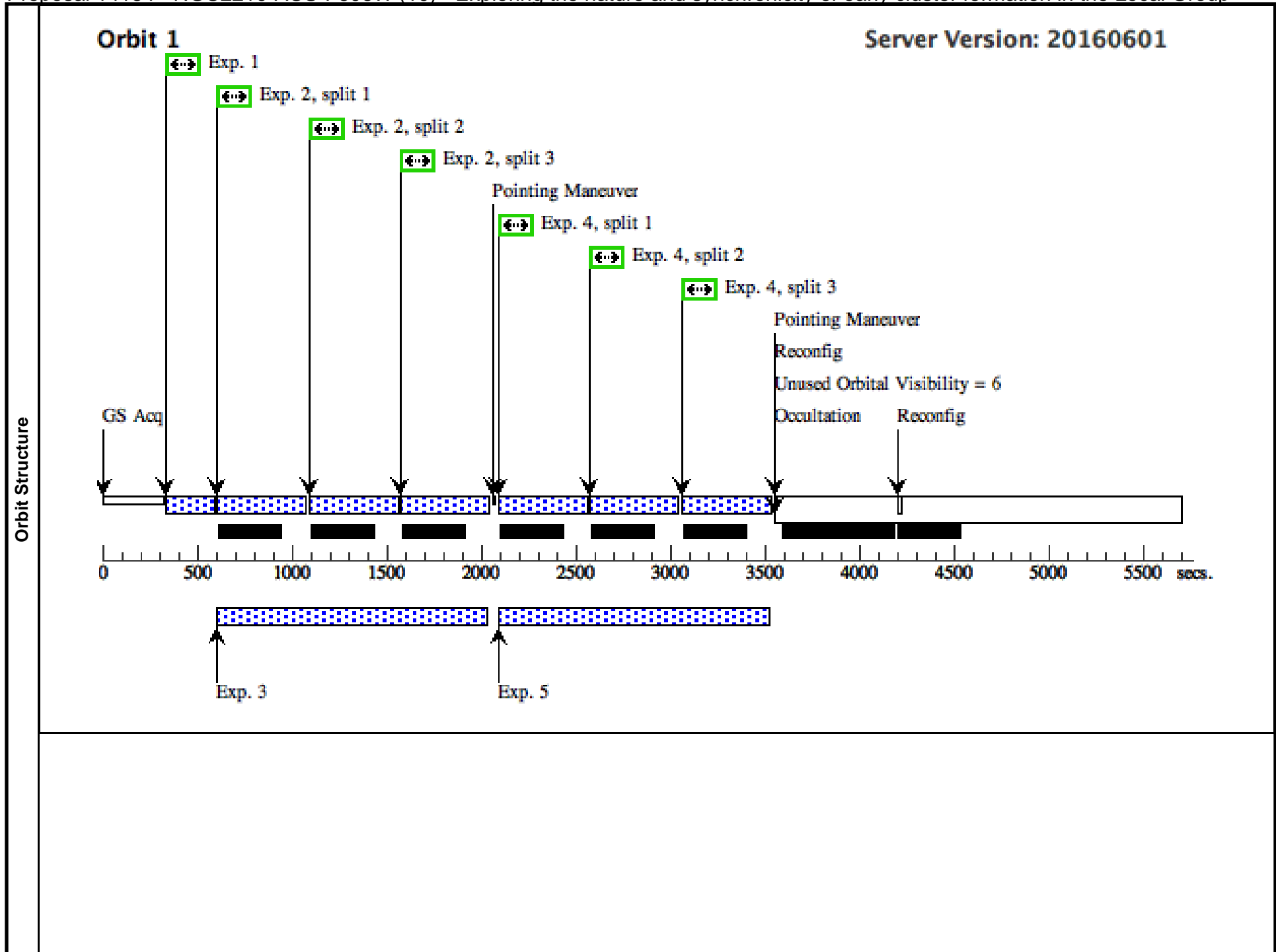


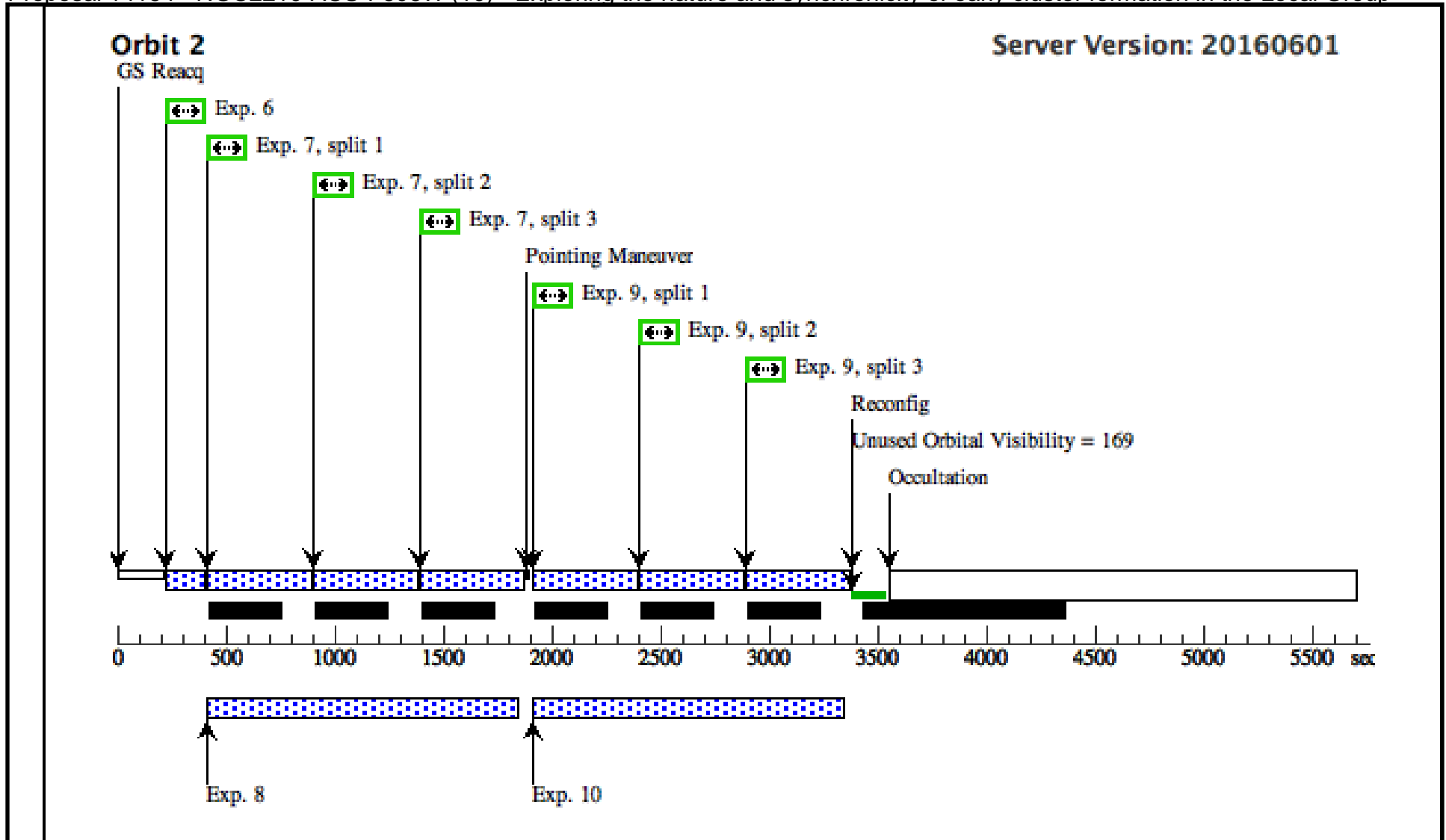


Proposal 14164 - NGC2210-ACS-F606W (10) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Wed Sep 07 21:03:47 GMT 2016

Visit	Proposal 14164, NGC2210-ACS-F606W (10), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SEQ 10,11,12 WITHIN 365 D																											
	Fixed Targets	<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>(4)</td> <td>NGC-2210</td> <td>RA: 06 11 31.2960 (92.8804000d) Dec: -69 07 17.04 (-69.12140d) Equinox: J2000</td> <td></td> <td>V=10.94</td> <td>Reference Frame: SIMBAD</td> </tr> <tr> <td colspan="6"><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(4)	NGC-2210	RA: 06 11 31.2960 (92.8804000d) Dec: -69 07 17.04 (-69.12140d) Equinox: J2000		V=10.94	Reference Frame: SIMBAD	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(4)	NGC-2210	RA: 06 11 31.2960 (92.8804000d) Dec: -69 07 17.04 (-69.12140d) Equinox: J2000		V=10.94	Reference Frame: SIMBAD																							
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>																												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1		(4) NGC-2210	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -6,6		50 Secs (50 Secs) [==>]	[1]																		
	2	F606W	(4) NGC-2210	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG -6,6	Prime + Parallel Group 2-3 in NGC2210-ACS-F606W (10)	1044 Secs (1044 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]																		
	3		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 2-3 in NGC2210-ACS-F606W (10)	1399.231402 Secs (1399.231 Secs) [==>]	[1]																		
	4	F606W	(4) NGC-2210	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG -2,2	Prime + Parallel Group 4-5 in NGC2210-ACS-F606W (10)	1044 Secs (1044 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]																		
	5		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5 in NGC2210-ACS-F606W (10)	1399.231402 Secs (1399.231 Secs) [==>]	[1]																		
	6		(4) NGC-2210	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 2,-2		50 Secs (50 Secs) [==>]	[2]																		
	7	F606W	(4) NGC-2210	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG 2,-2	Prime + Parallel Group 7-8 in NGC2210-ACS-F606W (10)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]																		
	8		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 7-8 in NGC2210-ACS-F606W (10)	1399.231402 Secs (1399.231 Secs) [==>]	[2]																		
	9	F606W	(4) NGC-2210	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG 6,-6	Prime + Parallel Group 9-10 in NGC2210-ACS-F606W (10)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]																		
10		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 9-10 in NGC2210-ACS-F606W (10)	1399.231402 Secs (1399.231 Secs) [==>]	[2]																			



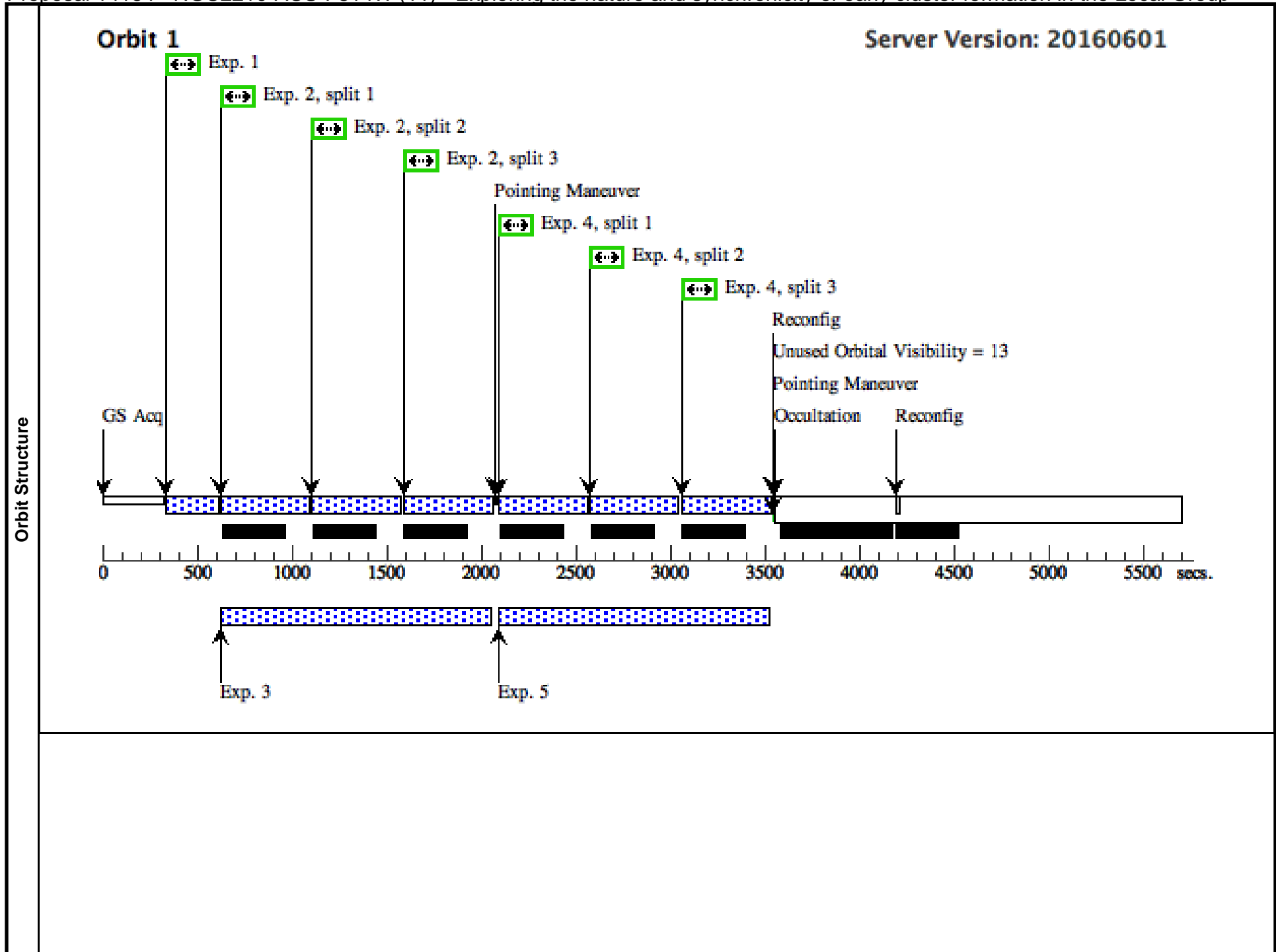


Proposal 14164 - NGC2210-ACS-F814W (11) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Visit	Proposal 14164, NGC2210-ACS-F814W (11), scheduling Wed Sep 07 21:03:47 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 10					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(4)		NGC-2210	RA: 06 11 31.2960 (92.8804000d) Dec: -69 07 17.04 (-69.12140d) Equinox: J2000		V=10.94	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

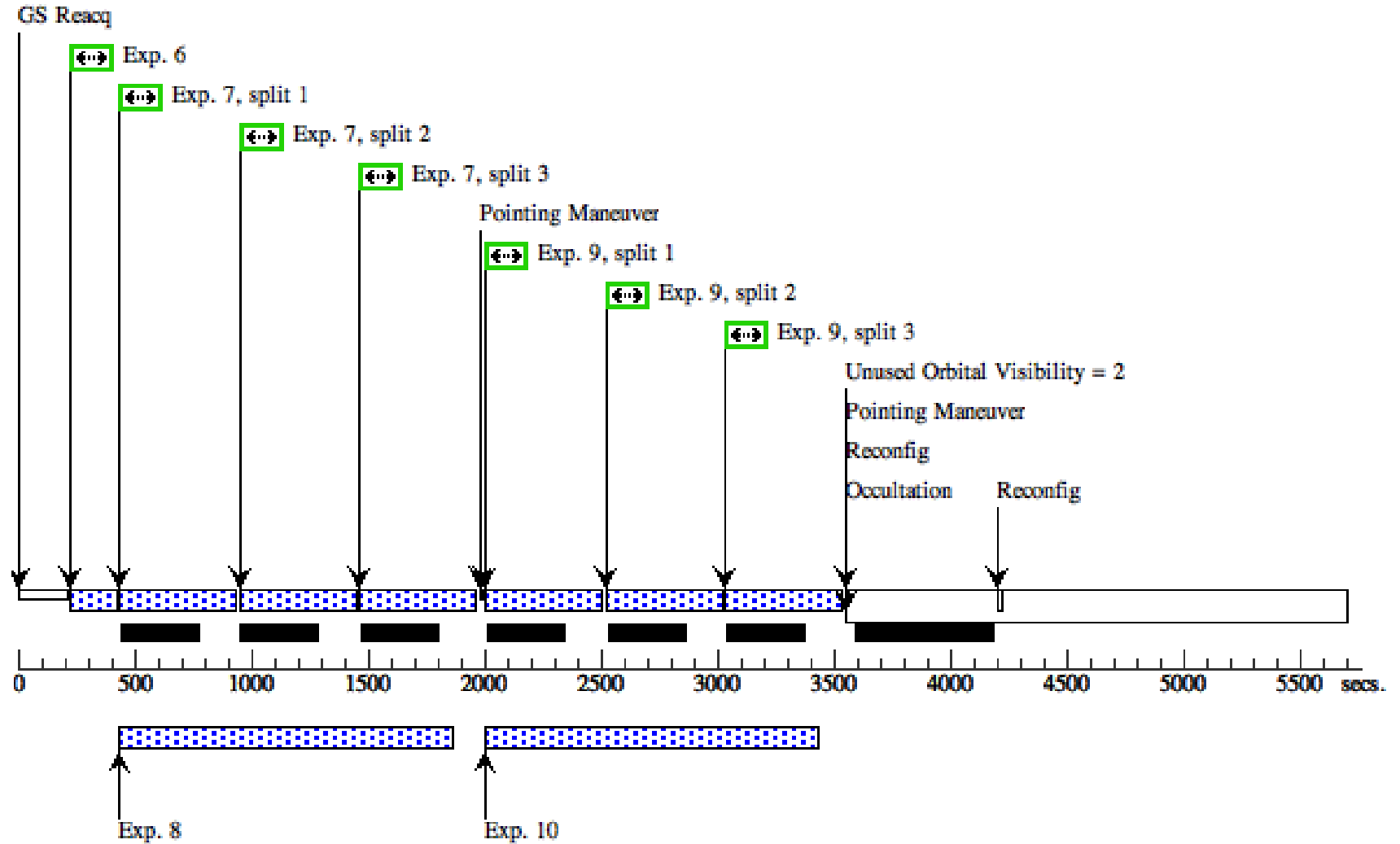
Proposal 14164 - NGC2210-ACS-F814W (11) - Exploring the nature and synchronicity of early cluster formation in the Local Group

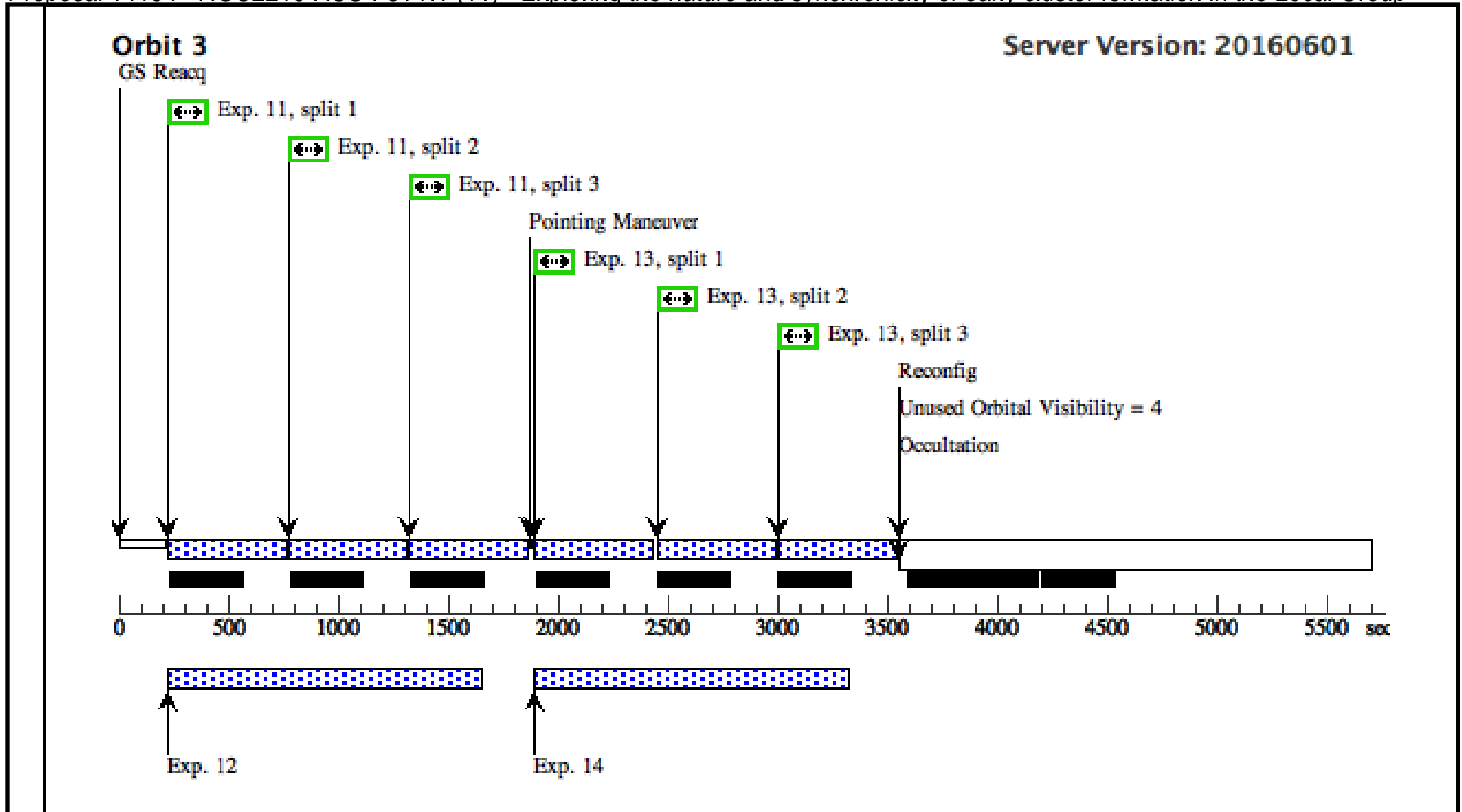
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) NGC-2210	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -5,5		70 Secs (70 Secs)	
								[==>]	[1]
2	F814W	(4) NGC-2210	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -5,5	Prime + Parallel Group 2-3 in NGC2210-ACS-F814W (11)	1032 Secs (1032 Secs)	
								[==>(Split 1)]	[1]
								[==>(Split 2)]	
								[==>(Split 3)]	
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 2-3 in NGC2210-ACS-F814W (11)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[1]
4	F814W	(4) NGC-2210	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -3,3	Prime + Parallel Group 4-5 in NGC2210-ACS-F814W (11)	1032 Secs (1032 Secs)	
								[==>(Split 1)]	[1]
								[==>(Split 2)]	
								[==>(Split 3)]	
5		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 4-5 in NGC2210-ACS-F814W (11)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[1]
6		(4) NGC-2210	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -1,1		70 Secs (70 Secs)	
								[==>]	[2]
7	F814W	(4) NGC-2210	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -1,1	Prime + Parallel Group 7-8 in NGC2210-ACS-F814W (11)	1134 Secs (1134 Secs)	
								[==>(Split 1)]	[2]
								[==>(Split 2)]	
								[==>(Split 3)]	
8		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 7-8 in NGC2210-ACS-F814W (11)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[2]
9	F814W	(4) NGC-2210	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 1,-1	Prime + Parallel Group 9-10 in NGC2210-ACS-F814W (11)	1134 Secs (1134 Secs)	
								[==>(Split 1)]	[2]
								[==>(Split 2)]	
								[==>(Split 3)]	
10		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 9-10 in NGC2210-ACS-F814W (11)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[2]
11	F814W	(4) NGC-2210	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 3,-3	Prime + Parallel Group 11-12 in NGC2210-ACS-F814W (11)	1239 Secs (1239 Secs)	
								[==>(Split 1)]	[3]
								[==>(Split 2)]	
								[==>(Split 3)]	
12		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 11-12 in NGC2210-ACS-F814W (11)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[3]
13	F814W	(4) NGC-2210	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 5,-5	Prime + Parallel Group 13-14 in NGC2210-ACS-F814W (11)	1239 Secs (1239 Secs)	
								[==>(Split 1)]	[3]
								[==>(Split 2)]	
								[==>(Split 3)]	
14		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 13-14 in NGC2210-ACS-F814W (11)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[3]



Orbit 2

Server Version: 20160601



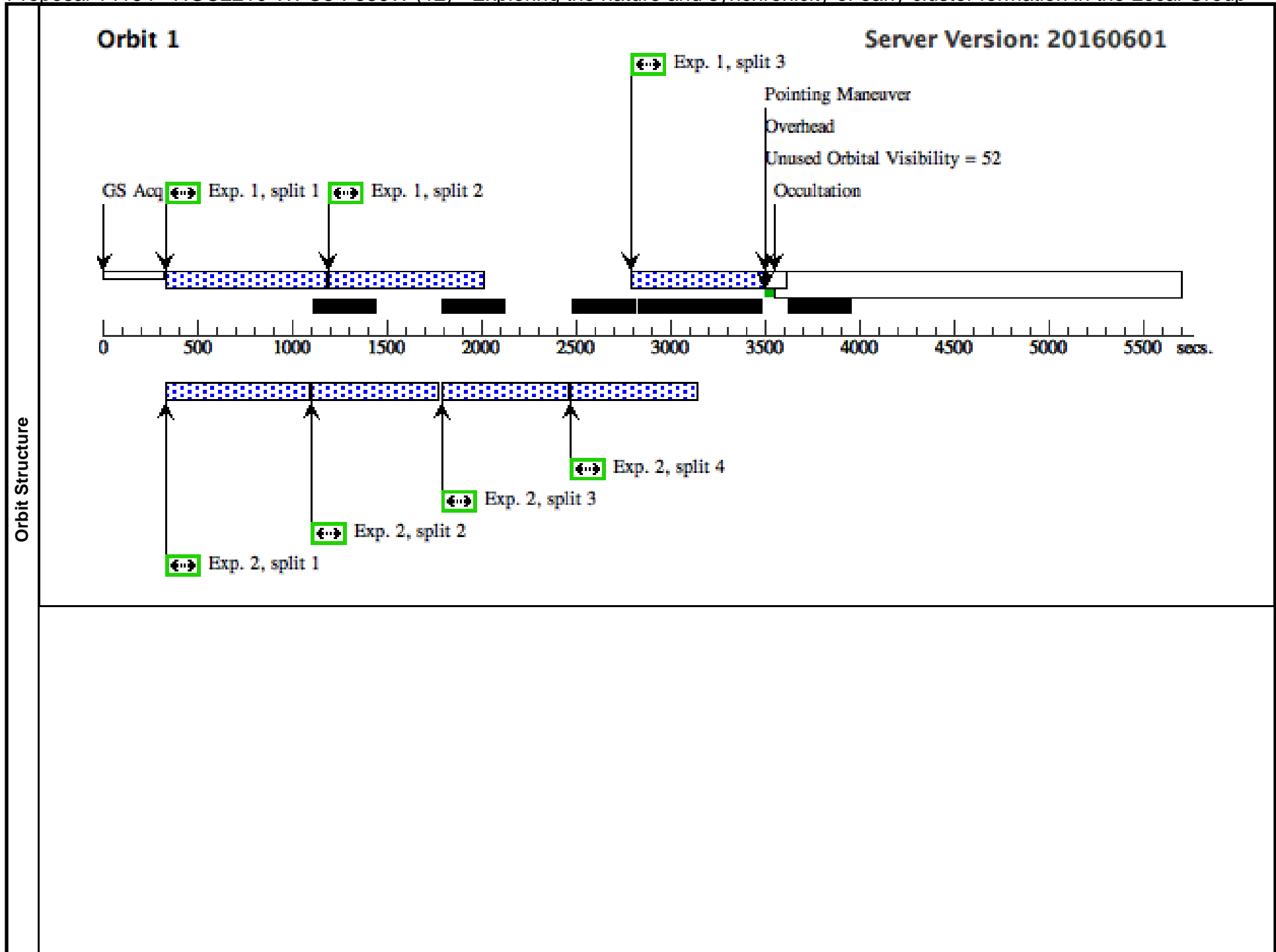


Proposal 14164 - NGC2210-WFC3-F336W (12) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Visit	Proposal 14164, NGC2210-WFC3-F336W (12), scheduling Wed Sep 07 21:03:47 GMT 2016					
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 180D TO 180D FROM 10					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	NGC-2210	RA: 06 11 31.2960 (92.8804000d) Dec: -69 07 17.04 (-69.12140d) Equinox: J2000		V=10.94	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

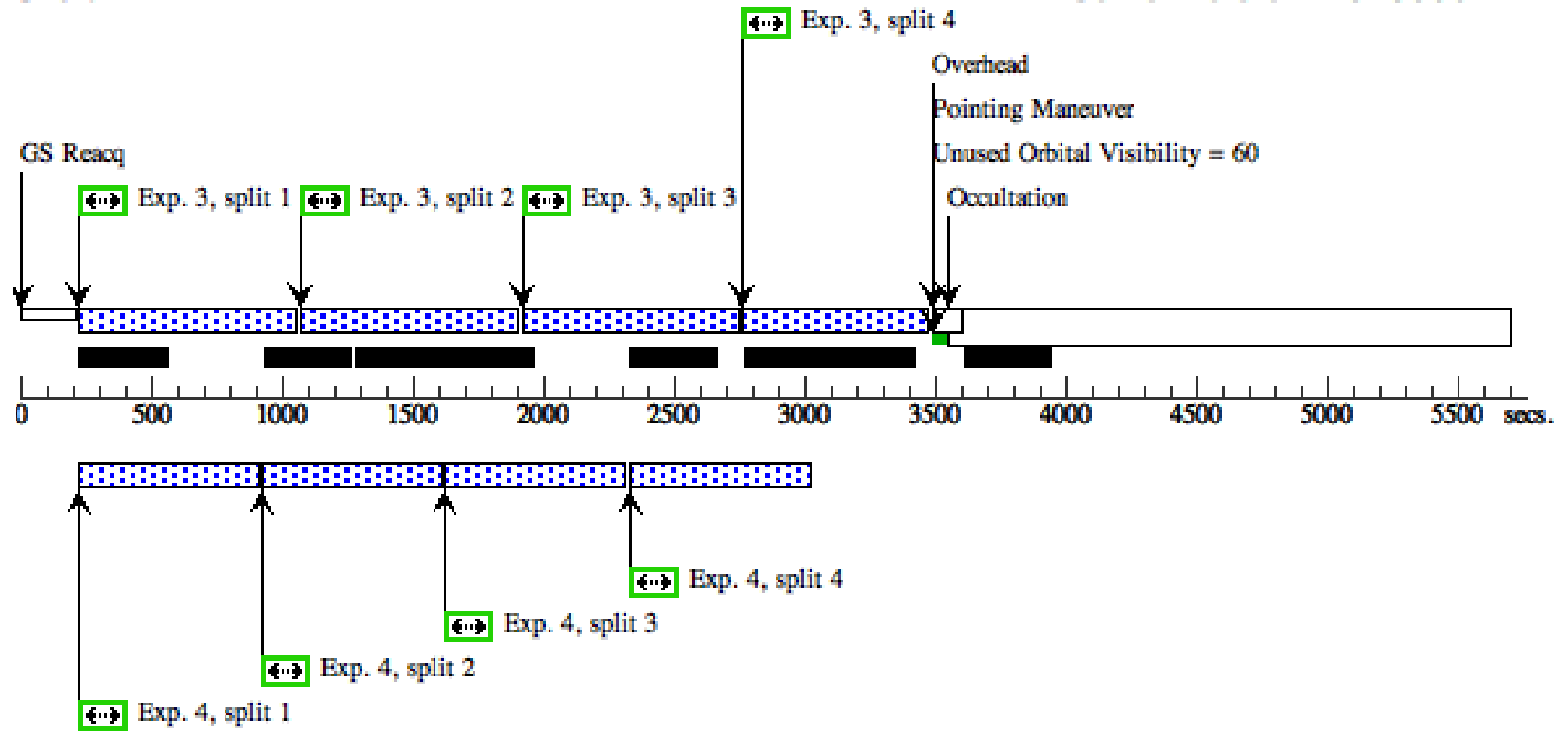
Proposal 14164 - NGC2210-WFC3-F336W (12) - Exploring the nature and synchronicity of early cluster formation in the Local Group

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(4) NGC-2210	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=3; FLASH=10	POS TARG -6,6	Prime + Parallel Group 1-2 in NGC2210-WFC3-F336W (12)	2100 Secs (2100 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	2	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 1-2 in NGC2210-WFC3-F336W (12)	2200 Secs (2200 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(4) NGC-2210	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG -2,2	Prime + Parallel Group 3-4 in NGC2210-WFC3-F336W (12)	2860 Secs (2860 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	4	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 3-4 in NGC2210-WFC3-F336W (12)	2260 Secs (2260 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	5	(4) NGC-2210	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG 2,-2	Prime + Parallel Group 5-6 in NGC2210-WFC3-F336W (12)	2916 Secs (2916 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[3]
	6	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 5-6 in NGC2210-WFC3-F336W (12)	2260 Secs (2260 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[3]
	7	(4) NGC-2210	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG 6,-6	Prime + Parallel Group 7-9 in NGC2210-WFC3-F336W (12)	2920 Secs (2920 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[4]
	8	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3		Prime + Parallel Group 7-9 in NGC2210-WFC3-F336W (12)	1710 Secs (1710 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[4]
	9	ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-9 in NGC2210-WFC3-F336W (12)	50 Secs (50 Secs) [==>]	[4]



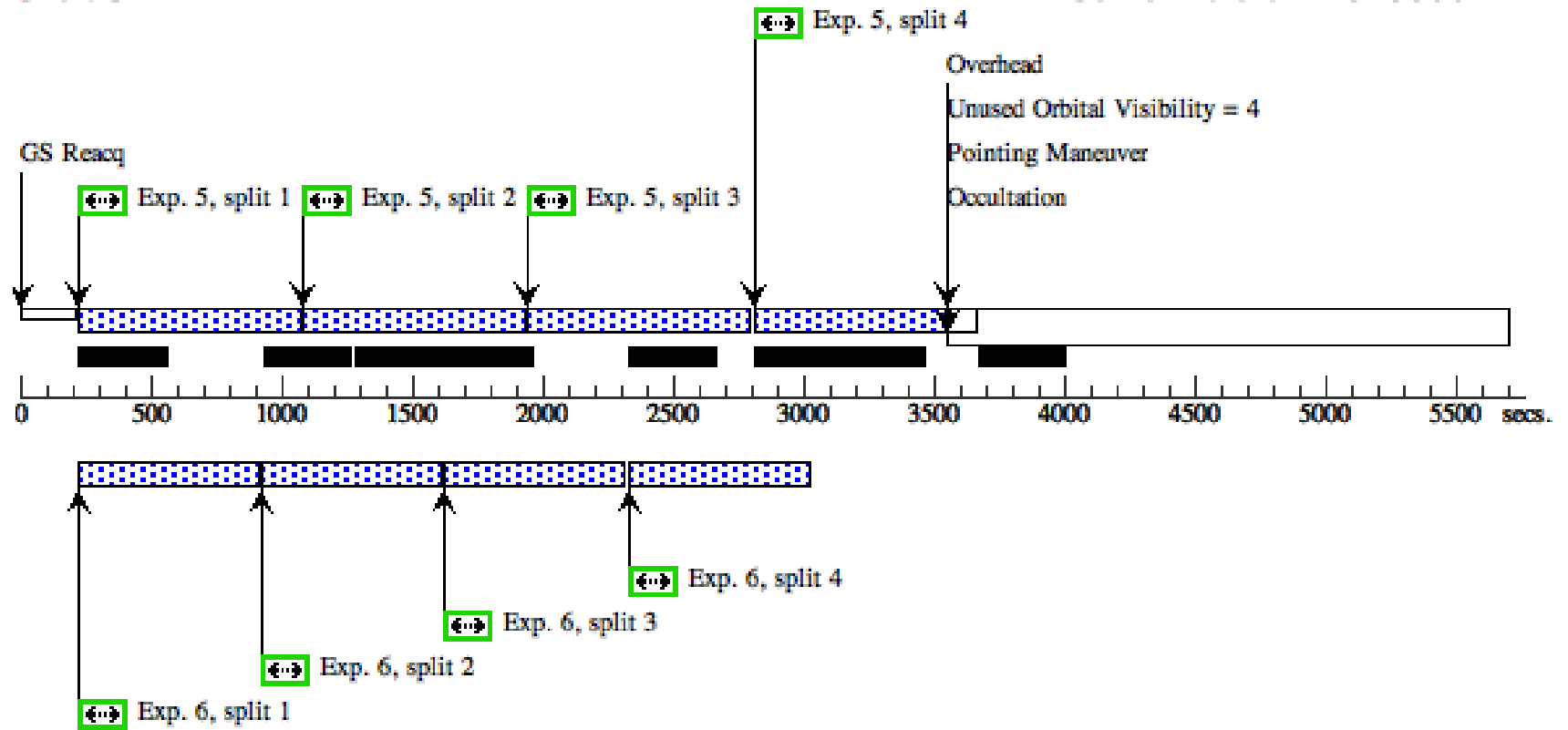
Orbit 2

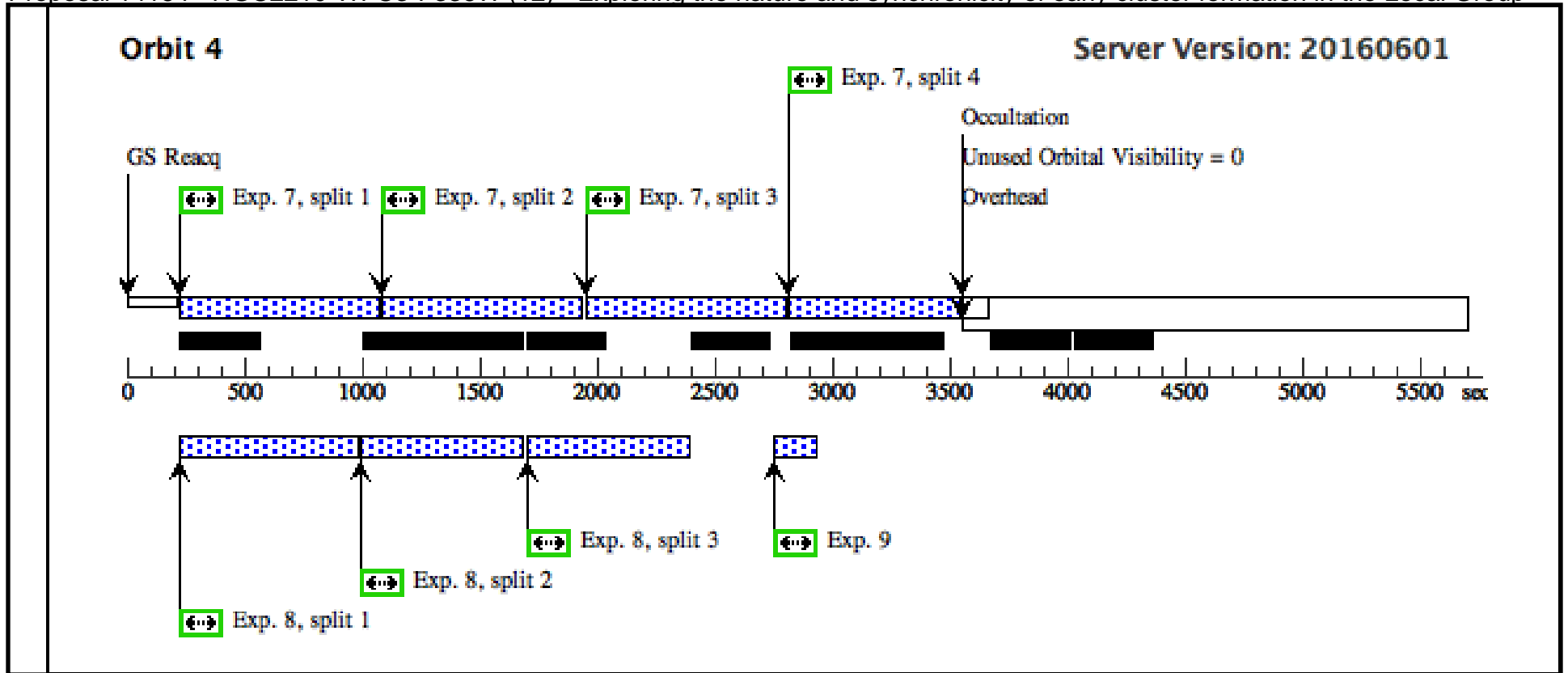
Server Version: 20160601



Orbit 3

Server Version: 20160601

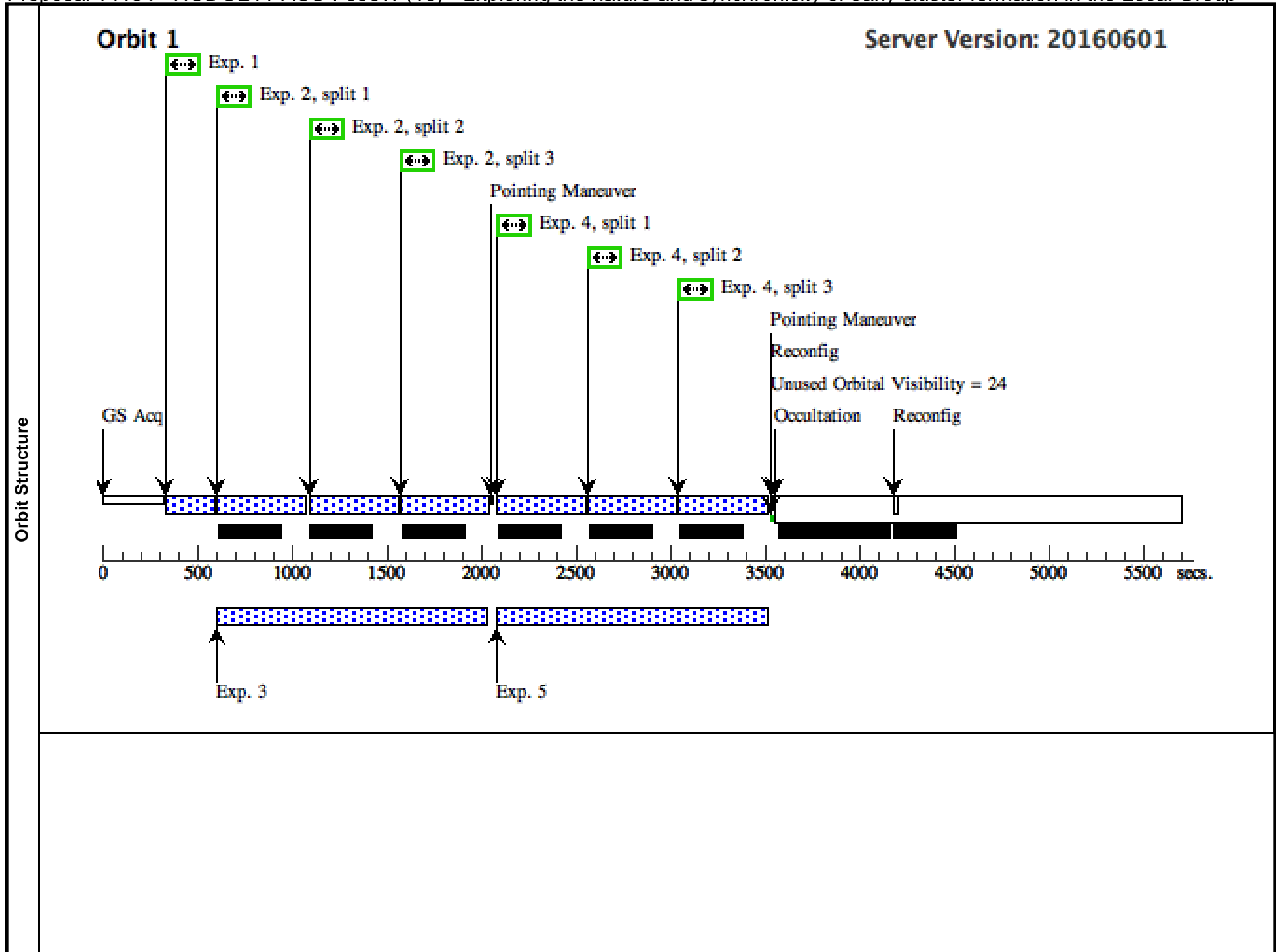


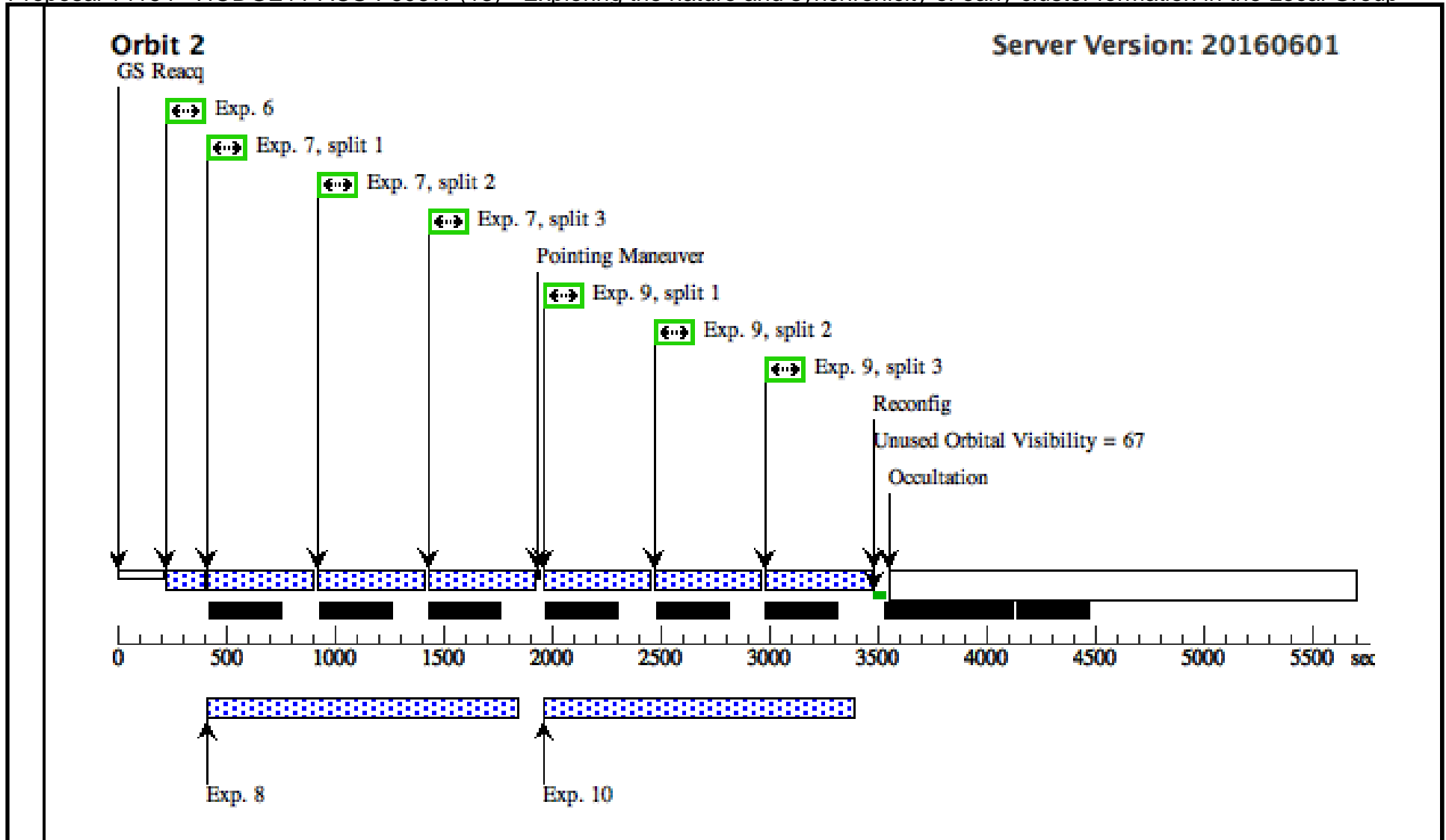


Proposal 14164 - HODGE11-ACS-F606W (13) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Wed Sep 07 21:03:47 GMT 2016

Visit	Proposal 14164, HODGE11-ACS-F606W (13), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SEQ 13,14,15 WITHIN 365 D																											
	Fixed Targets	<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>(5)</td> <td>HODGE-11</td> <td>RA: 06 14 22.0000 (93.5916667d) Dec: -69 50 54.00 (-69.84833d) Equinox: J2000</td> <td></td> <td>V=11.93</td> <td>Reference Frame: SIMBAD</td> </tr> <tr> <td colspan="6"><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(5)	HODGE-11	RA: 06 14 22.0000 (93.5916667d) Dec: -69 50 54.00 (-69.84833d) Equinox: J2000		V=11.93	Reference Frame: SIMBAD	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(5)	HODGE-11	RA: 06 14 22.0000 (93.5916667d) Dec: -69 50 54.00 (-69.84833d) Equinox: J2000		V=11.93	Reference Frame: SIMBAD																							
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>																												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1		(5) HODGE-11	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -6,6		50 Secs (50 Secs) [==>]	[1]																		
	2	F606W	(5) HODGE-11	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG -6,6	Prime + Parallel Group 2-3 in HODGE11-ACS-F606W (13)	1035 Secs (1035 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]																		
	3		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 2-3 in HODGE11-ACS-F606W (13)	1399.231402 Secs (1399.231 Secs) [==>]	[1]																		
	4	F606W	(5) HODGE-11	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG -2,2	Prime + Parallel Group 4-5 in HODGE11-ACS-F606W (13)	1035 Secs (1035 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]																		
	5		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5 in HODGE11-ACS-F606W (13)	1399.231402 Secs (1399.231 Secs) [==>]	[1]																		
	6		(5) HODGE-11	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 2,-2		50 Secs (50 Secs) [==>]	[2]																		
	7	F606W	(5) HODGE-11	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG 2,-2	Prime + Parallel Group 7-8 in HODGE11-ACS-F606W (13)	1110 Secs (1110 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]																		
	8		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 7-8 in HODGE11-ACS-F606W (13)	1399.231402 Secs (1399.231 Secs) [==>]	[2]																		
	9	F606W	(5) HODGE-11	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG 6,-6	Prime + Parallel Group 9-10 in HODGE11-ACS-F606W (13)	1110 Secs (1110 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]																		
10		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 9-10 in HODGE11-ACS-F606W (13)	1399.231402 Secs (1399.231 Secs) [==>]	[2]																			



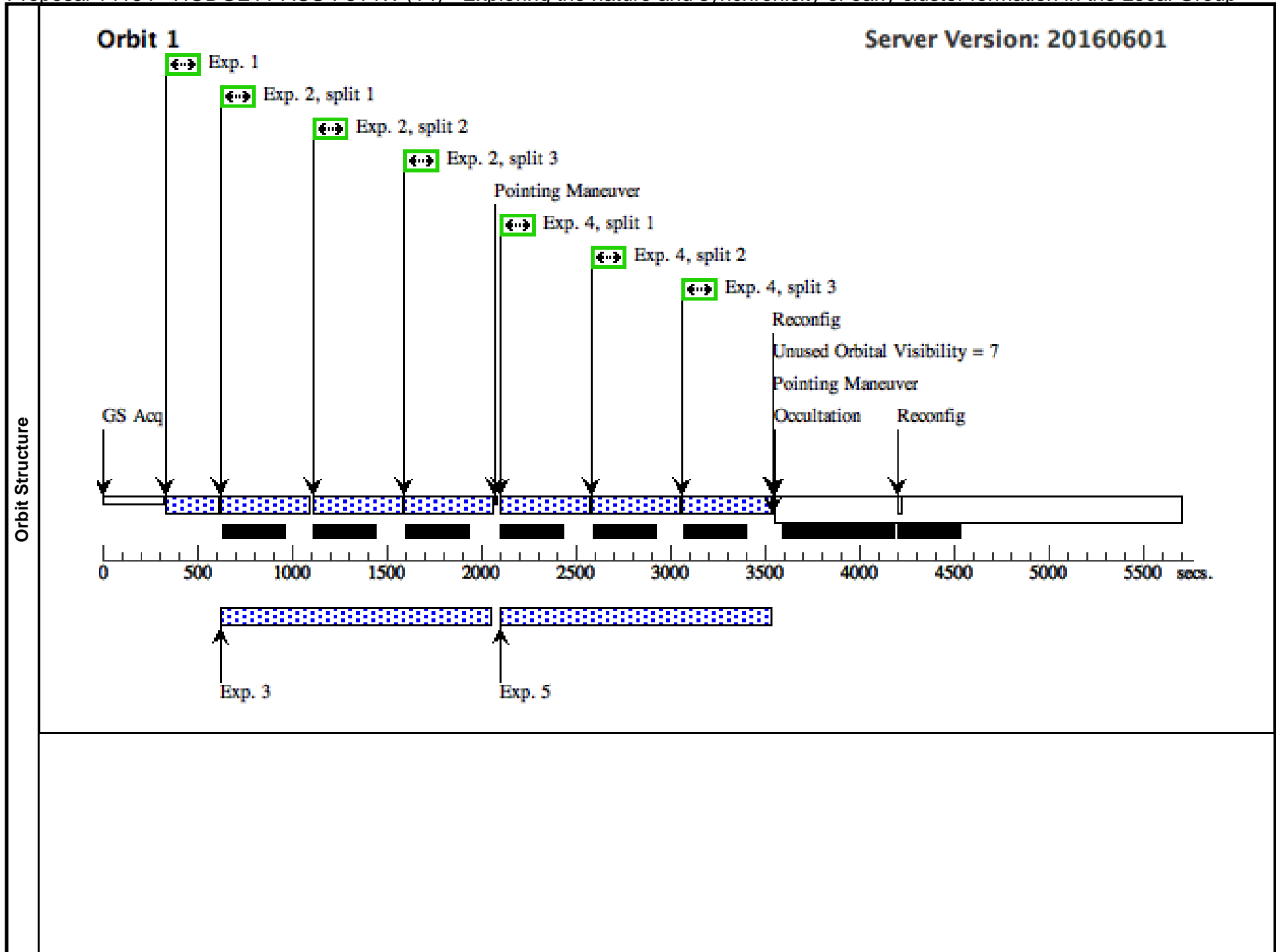


Proposal 14164 - HODGE11-ACS-F814W (14) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Visit	Proposal 14164, HODGE11-ACS-F814W (14), completed Wed Sep 07 21:03:47 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 13					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(5)		HODGE-11	RA: 06 14 22.0000 (93.5916667d) Dec: -69 50 54.00 (-69.84833d) Equinox: J2000		V=11.93	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

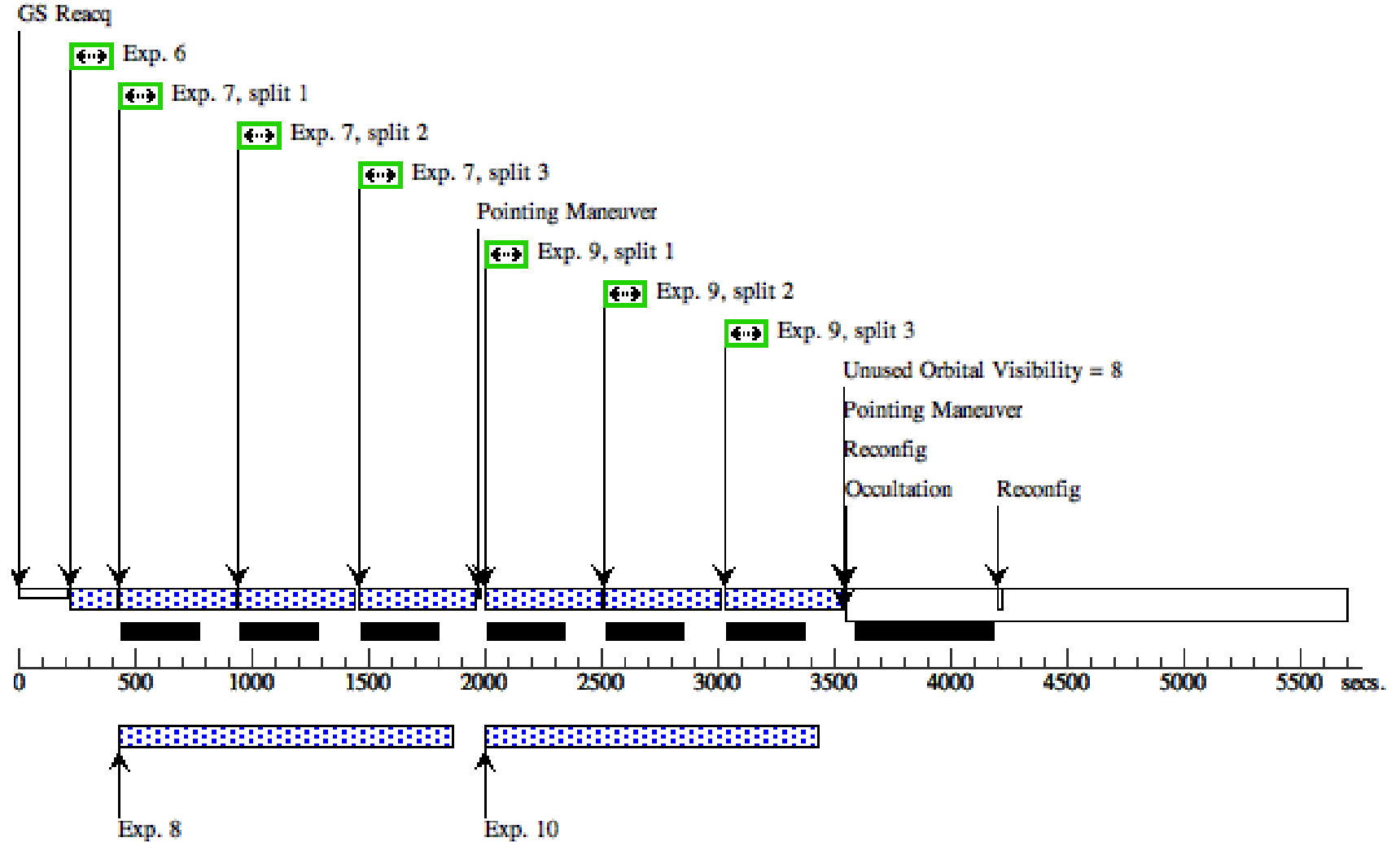
Proposal 14164 - HODGE11-ACS-F814W (14) - Exploring the nature and synchronicity of early cluster formation in the Local Group

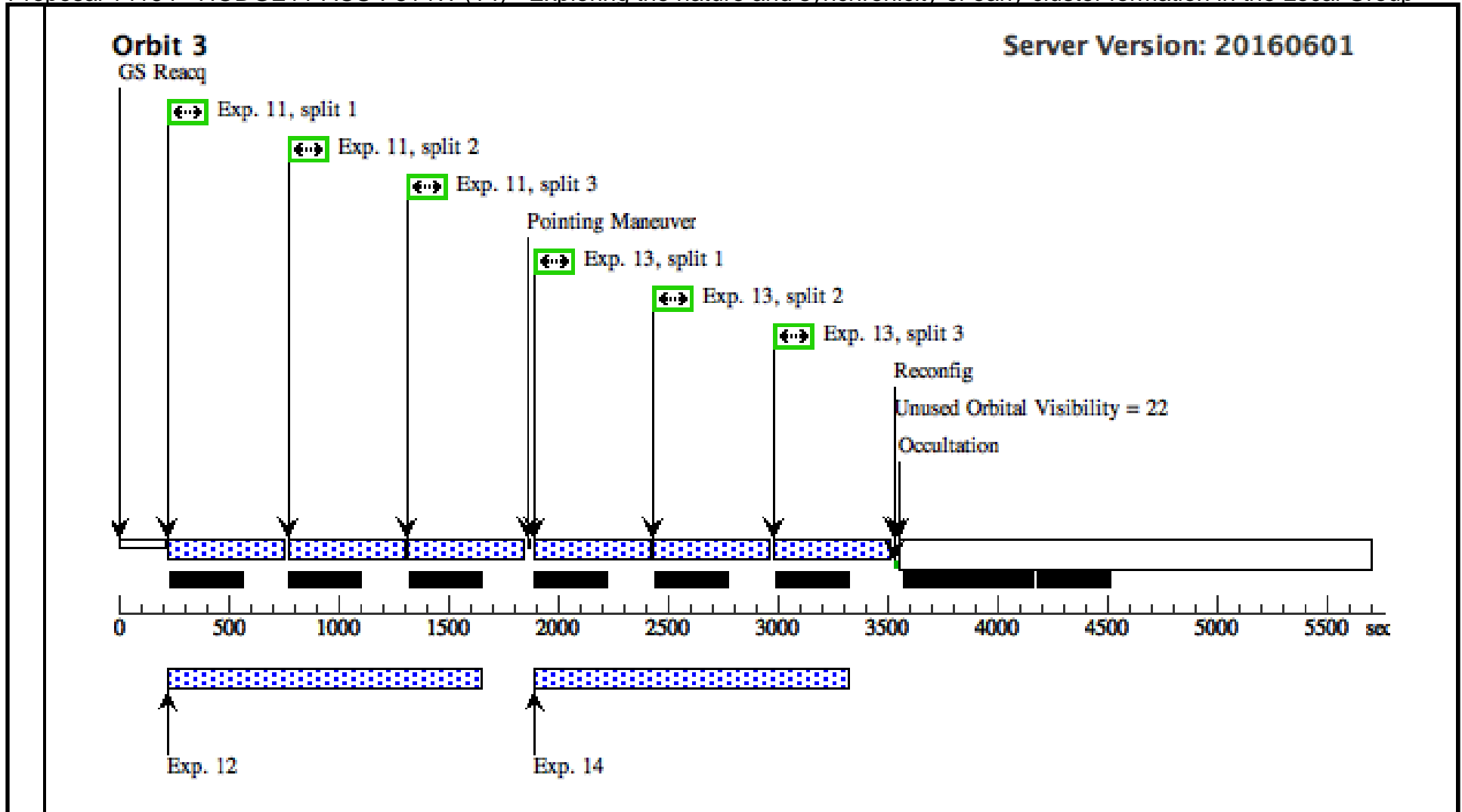
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(5) HODGE-11	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -5,5		70 Secs (70 Secs)	
								[==>]	[1]
2	F814W	(5) HODGE-11	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -5,5	Prime + Parallel Group 2-3 in HODGE11-ACS-F814W (14)	1035 Secs (1035 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[1]
								[==>(Split 3)]	
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 2-3 in HODGE11-ACS-F814W (14)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[1]
4	F814W	(5) HODGE-11	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -3,3	Prime + Parallel Group 4-5 in HODGE11-ACS-F814W (14)	1035 Secs (1035 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[1]
								[==>(Split 3)]	
5		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 4-5 in HODGE11-ACS-F814W (14)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[1]
6		(5) HODGE-11	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -1,1		70 Secs (70 Secs)	
								[==>]	[2]
7	F814W	(5) HODGE-11	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -1,1	Prime + Parallel Group 7-8 in HODGE11-ACS-F814W (14)	1131 Secs (1131 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[2]
								[==>(Split 3)]	
8		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 7-8 in HODGE11-ACS-F814W (14)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[2]
9	F814W	(5) HODGE-11	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 1,-1	Prime + Parallel Group 9-10 in HODGE11-ACS-F814W (14)	1131 Secs (1131 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[2]
								[==>(Split 3)]	
10		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 9-10 in HODGE11-ACS-F814W (14)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[2]
11	F814W	(5) HODGE-11	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 3,-3	Prime + Parallel Group 11-12 in HODGE11-ACS-F814W (14)	1230 Secs (1230 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[3]
								[==>(Split 3)]	
12		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 11-12 in HODGE11-ACS-F814W (14)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[3]
13	F814W	(5) HODGE-11	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 5,-5	Prime + Parallel Group 13-14 in HODGE11-ACS-F814W (14)	1230 Secs (1230 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[3]
								[==>(Split 3)]	
14		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 13-14 in HODGE11-ACS-F814W (14)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[3]



Orbit 2

Server Version: 20160601



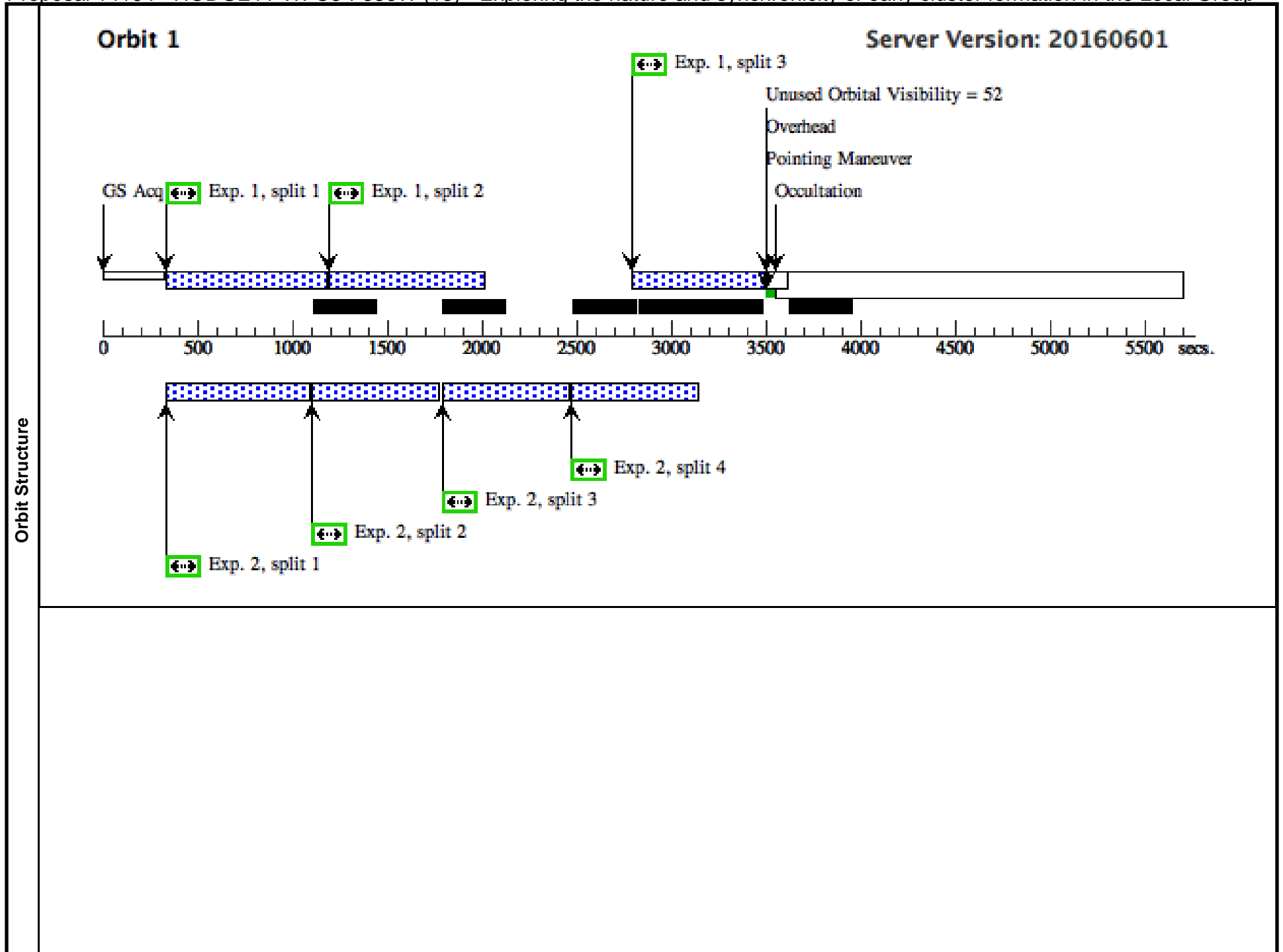


Proposal 14164 - HODGE11-WFC3-F336W (15) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Visit	Proposal 14164, HODGE11-WFC3-F336W (15), scheduling Wed Sep 07 21:03:47 GMT 2016					
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 180D TO 180D FROM 13					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	HODGE-11	RA: 06 14 22.0000 (93.5916667d) Dec: -69 50 54.00 (-69.84833d) Equinox: J2000		V=11.93	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

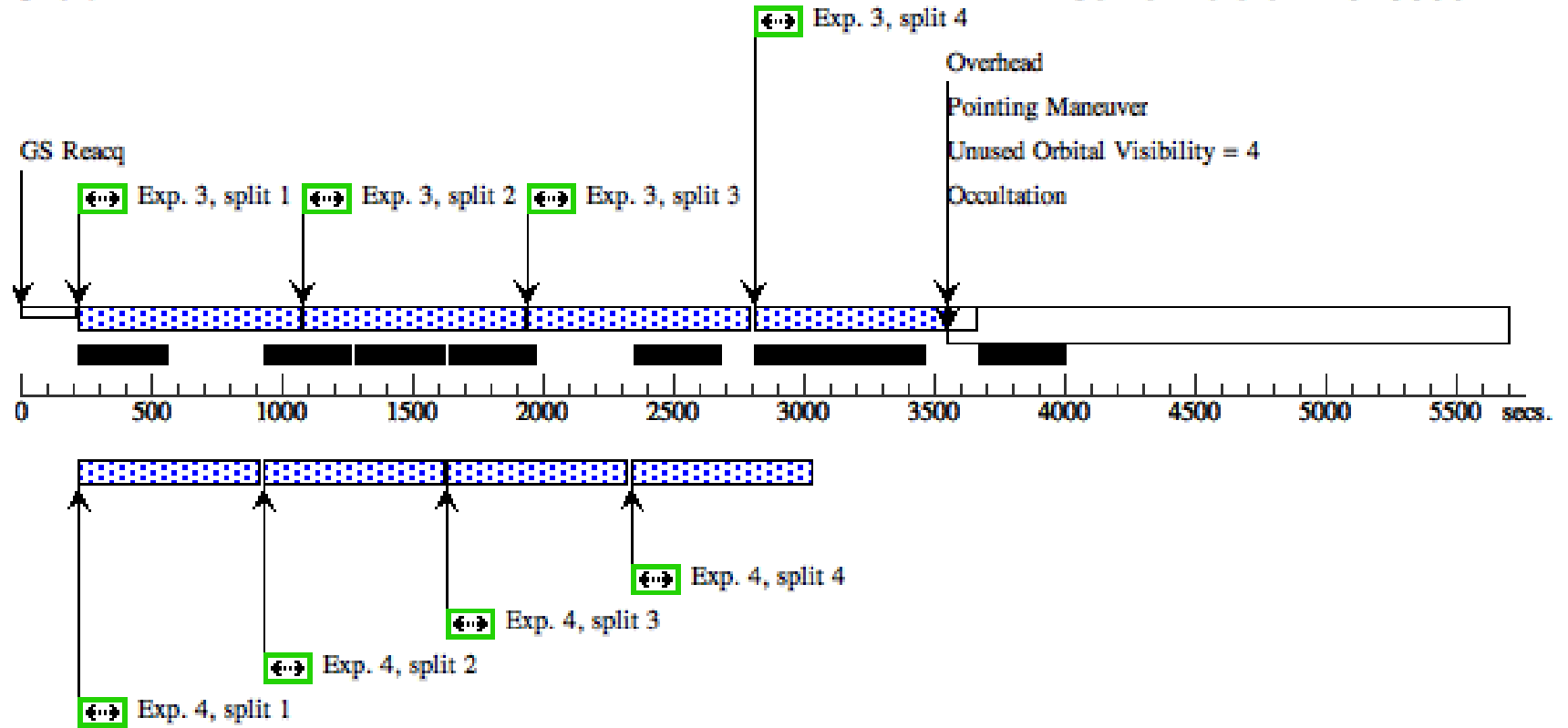
Proposal 14164 - HODGE11-WFC3-F336W (15) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) HODGE-11	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=3; FLASH=10	POS TARG -6,6	Prime + Parallel Group 1-2 in HODGE11-WFC3-F336W (15)	2100 Secs (2100 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 1-2 in HODGE11-WFC3-F336W (15)	2200 Secs (2200 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3		(5) HODGE-11	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG -2,2	Prime + Parallel Group 3-4 in HODGE11-WFC3-F336W (15)	2916 Secs (2916 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 3-4 in HODGE11-WFC3-F336W (15)	2280 Secs (2280 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	5		(5) HODGE-11	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG 2,-2	Prime + Parallel Group 5-6 in HODGE11-WFC3-F336W (15)	2916 Secs (2916 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[3]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 5-6 in HODGE11-WFC3-F336W (15)	2280 Secs (2280 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[3]
	7		(5) HODGE-11	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG 6,-6	Prime + Parallel Group 7-9 in HODGE11-WFC3-F336W (15)	2916 Secs (2916 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[4]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3		Prime + Parallel Group 7-9 in HODGE11-WFC3-F336W (15)	1710 Secs (1710 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[4]
	9		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-9 in HODGE11-WFC3-F336W (15)	50 Secs (50 Secs) [==>]	[4]



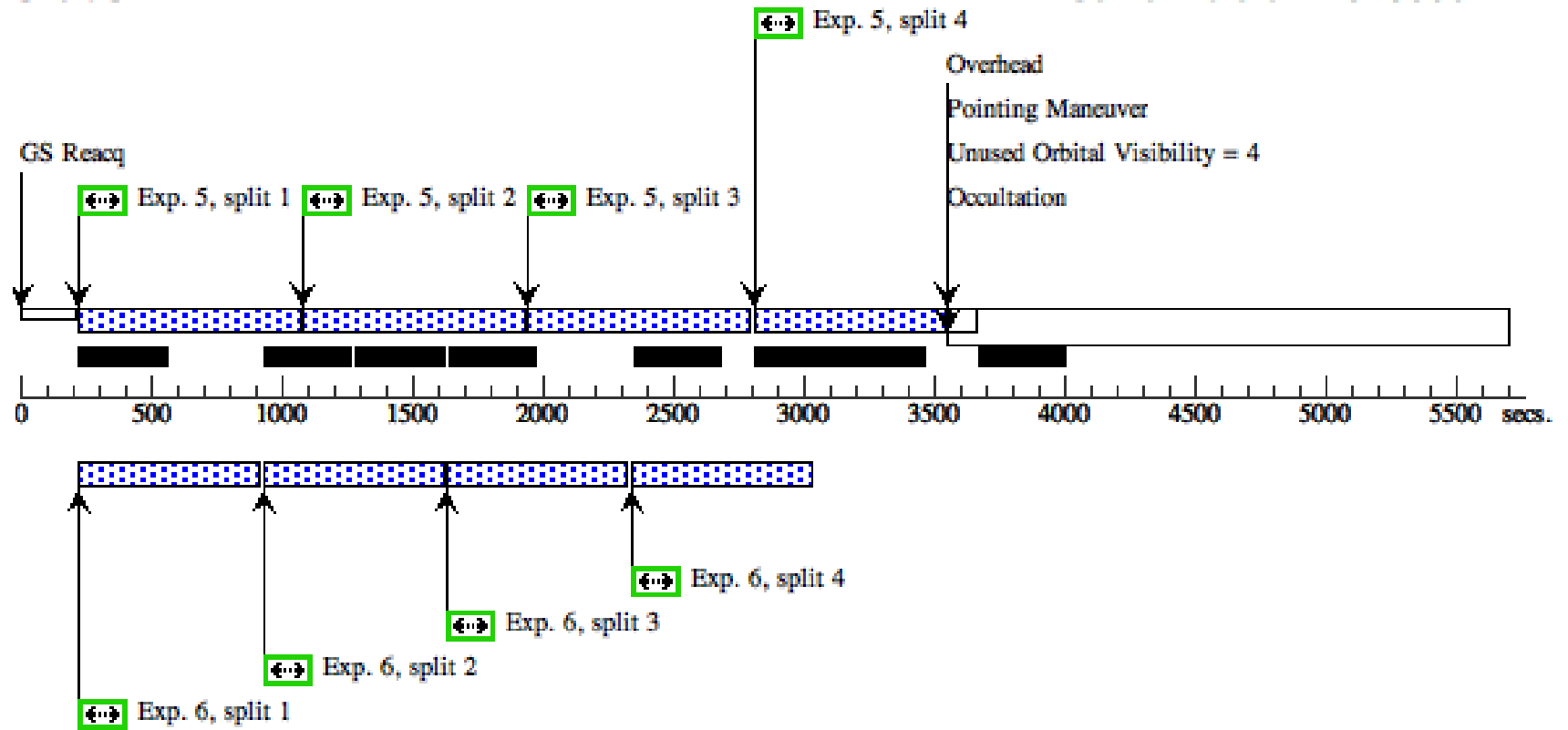
Orbit 2

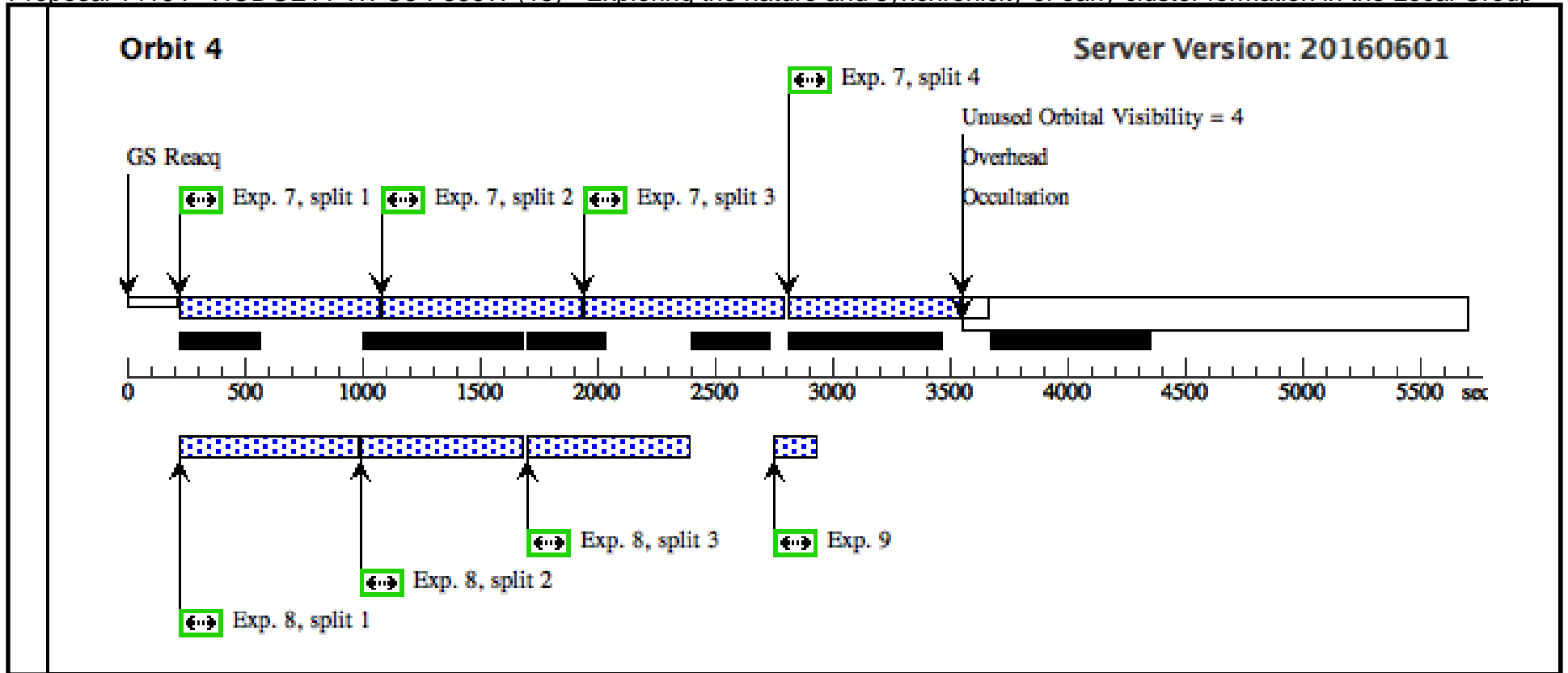
Server Version: 20160601



Orbit 3

Server Version: 20160601

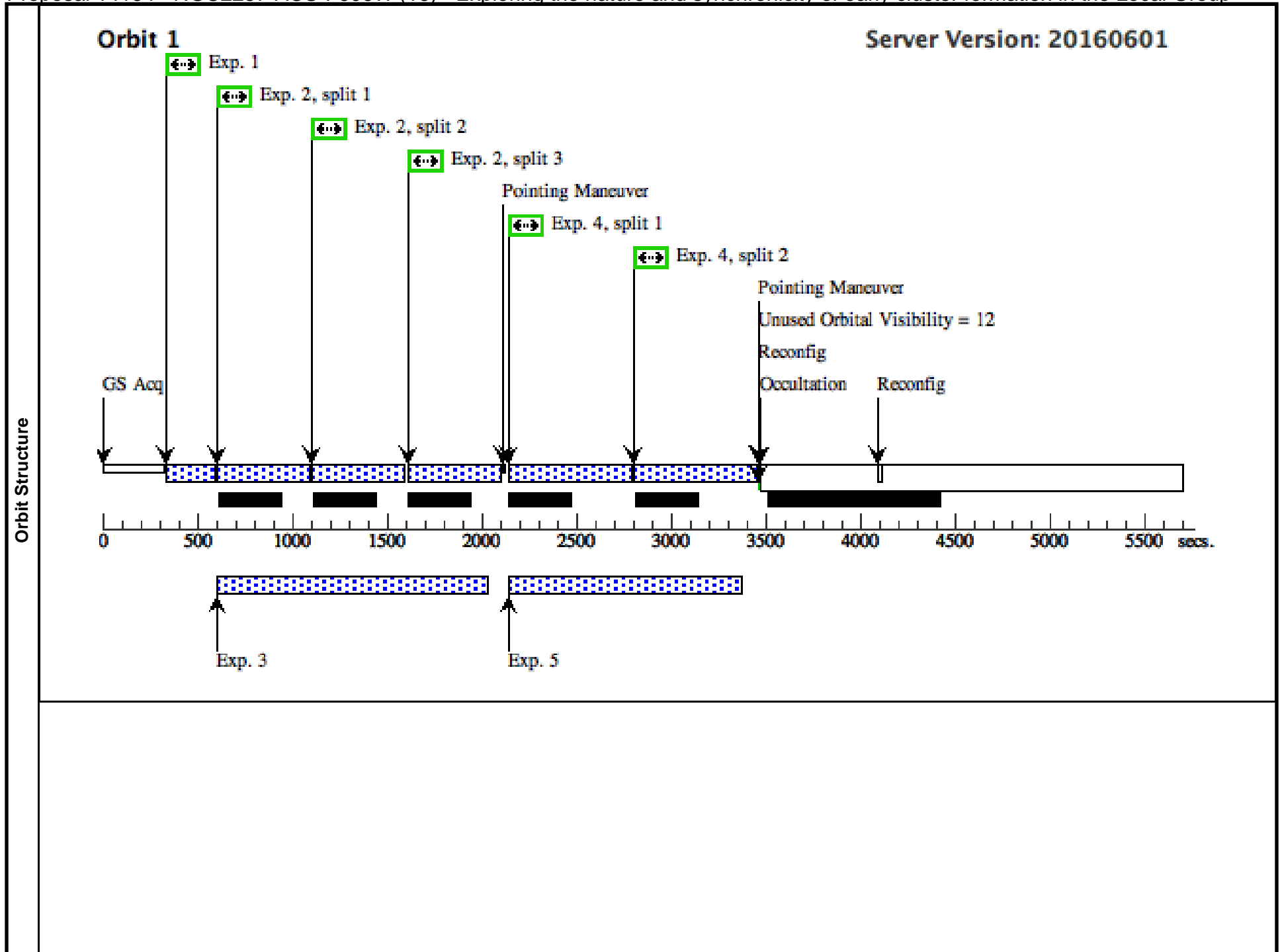


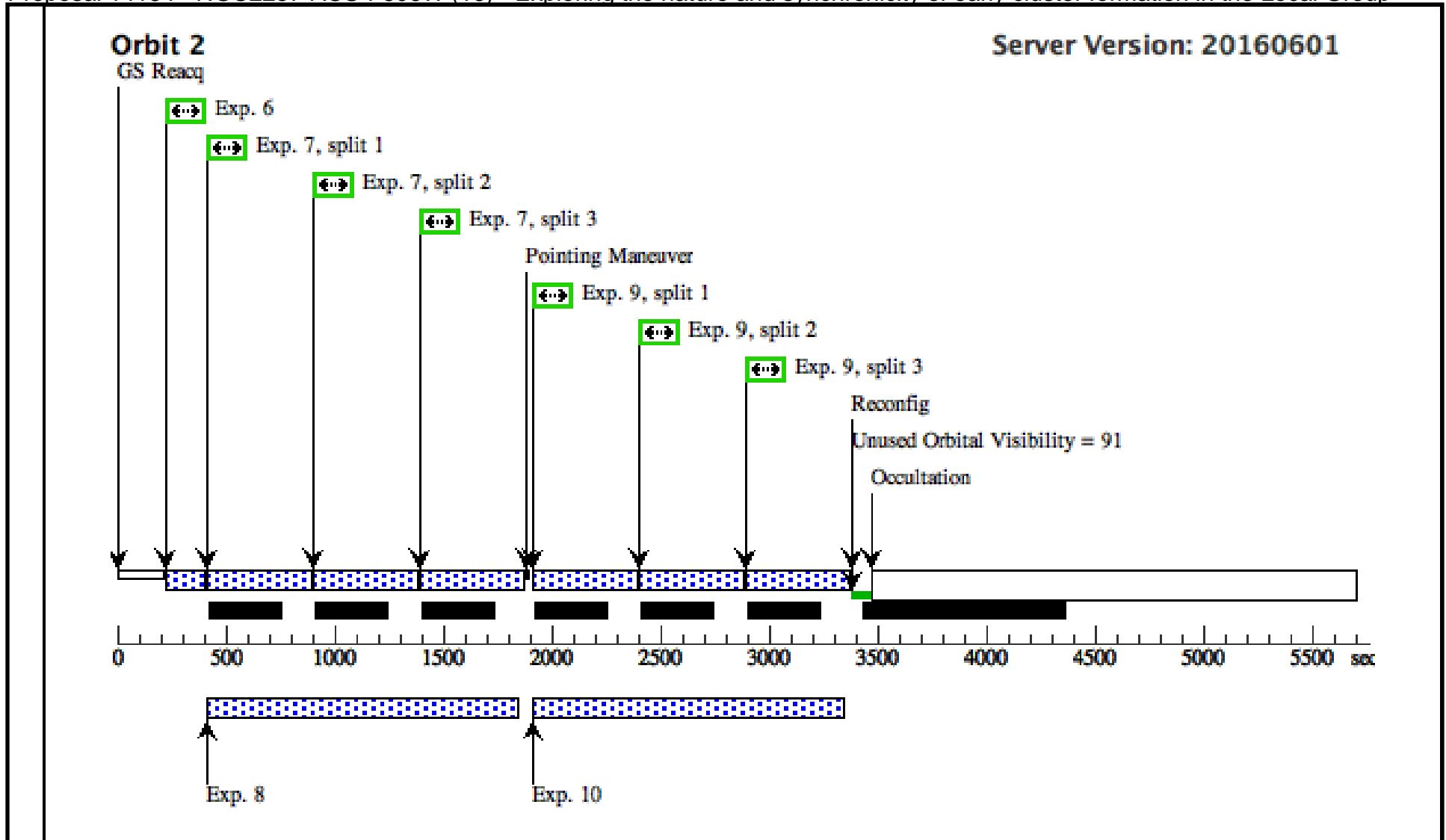


Proposal 14164 - NGC2257-ACS-F606W (16) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Wed Sep 07 21:03:47 GMT 2016

Visit	Proposal 14164, NGC2257-ACS-F606W (16), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SEQ 16,17,18 WITHIN 365 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(6)	NGC-2257	RA: 06 30 12.0000 (97.5500000d) Dec: -64 19 36.00 (-64.32667d) Equinox: J2000		V=12.62	Reference Frame: SIMBAD				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) NGC-2257	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -6,6		50 Secs (50 Secs) [==>]	[1]
	2	F606W	(6) NGC-2257	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG -6,6	Prime + Parallel Group 2-3 in NGC2257-ACS-F606W (16)	1092 Secs (1092 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	3		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 2-3 in NGC2257-ACS-F606W (16)	1399.231402 Secs (1399.231 Secs) [==>]	[1]
	4	F606W	(6) NGC-2257	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=2	POS TARG -2,2	Prime + Parallel Group 4-5 in NGC2257-ACS-F606W (16)	1050 Secs (1050 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	5		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=13; SAMP-SEQ=STEP200		Prime + Parallel Group 4-5 in NGC2257-ACS-F606W (16)	1199.231335 Secs (1199.231 Secs) [==>]	[1]
	6		(6) NGC-2257	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 2,-2		50 Secs (50 Secs) [==>]	[2]
	7	F606W	(6) NGC-2257	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG 2,-2	Prime + Parallel Group 7-8 in NGC2257-ACS-F606W (16)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
	8		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 7-8 in NGC2257-ACS-F606W (16)	1399.231402 Secs (1399.231 Secs) [==>]	[2]
	9	F606W	(6) NGC-2257	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3	POS TARG 6,-6	Prime + Parallel Group 9-10 in NGC2257-ACS-F606W (16)	1059 Secs (1059 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[2]
10		ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP200		Prime + Parallel Group 9-10 in NGC2257-ACS-F606W (16)	1399.231402 Secs (1399.231 Secs) [==>]	[2]	





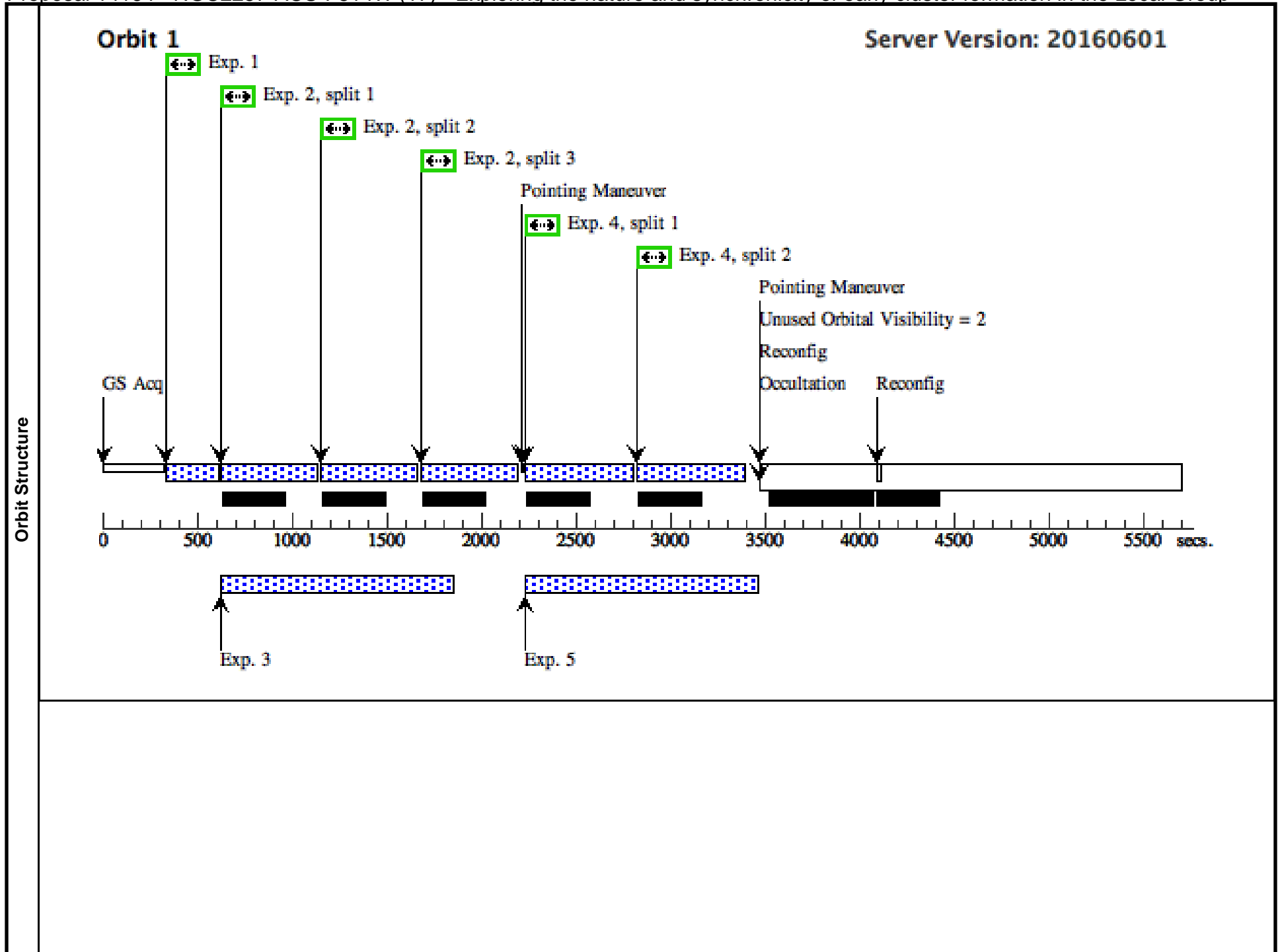
Proposal 14164 - NGC2257-ACS-F814W (17) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Visit	Proposal 14164, NGC2257-ACS-F814W (17), completed Wed Sep 07 21:03:47 GMT 2016 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 16																
	Diagnosics (NGC2257-ACS-F814W (17)) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME																
Fixed Targets	<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>(6)</td> <td>NGC-2257</td> <td>RA: 06 30 12.0000 (97.5500000d) Dec: -64 19 36.00 (-64.32667d) Equinox: J2000</td> <td></td> <td>V=12.62</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(6)	NGC-2257	RA: 06 30 12.0000 (97.5500000d) Dec: -64 19 36.00 (-64.32667d) Equinox: J2000		V=12.62	Reference Frame: SIMBAD
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(6)	NGC-2257	RA: 06 30 12.0000 (97.5500000d) Dec: -64 19 36.00 (-64.32667d) Equinox: J2000		V=12.62	Reference Frame: SIMBAD												
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.																	

Proposal 14164 - NGC2257-ACS-F814W (17) - Exploring the nature and synchronicity of early cluster formation in the Local Group

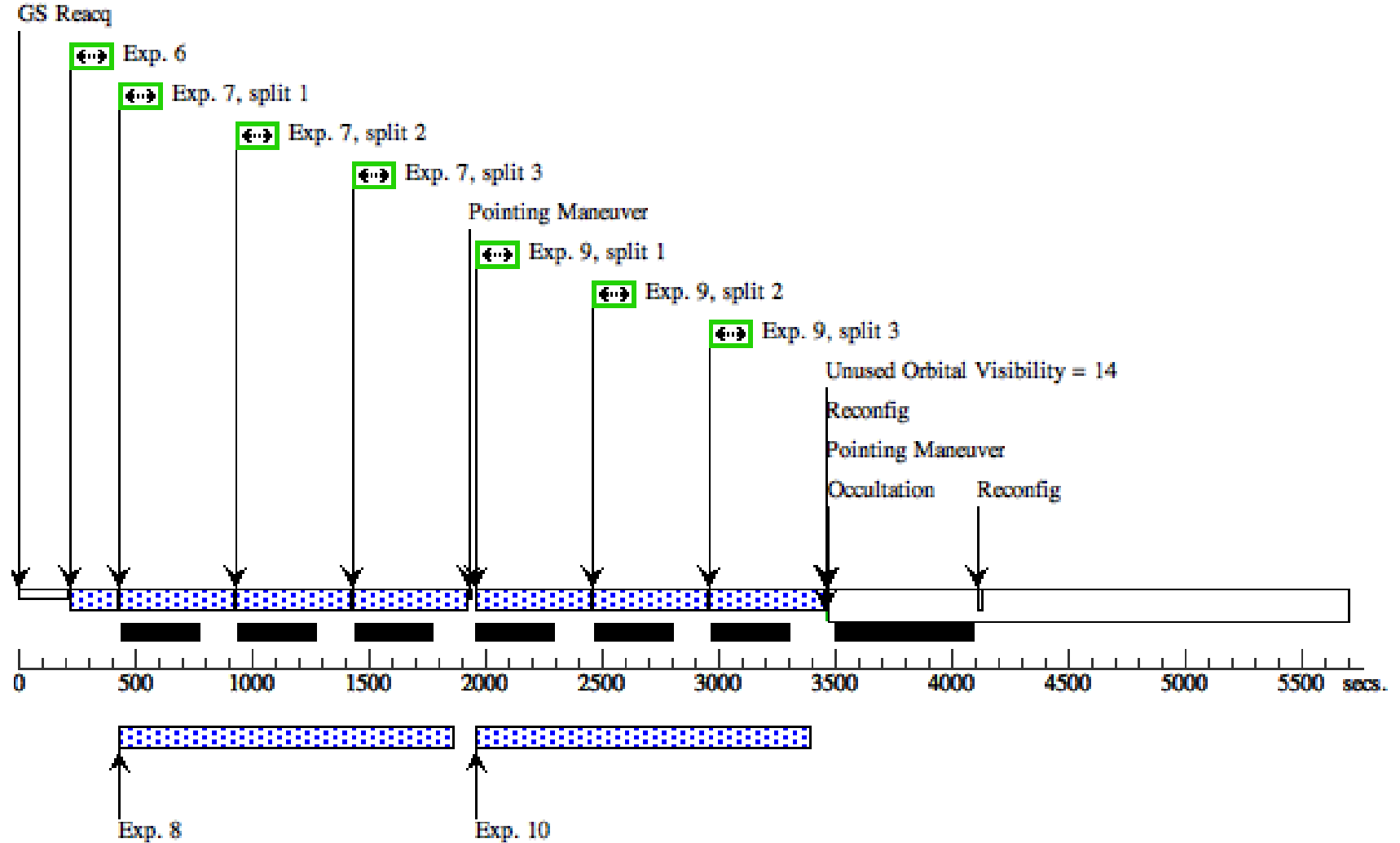
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(6) NGC-2257	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -5,5		70 Secs (70 Secs)	
								[==>]	[1]
2	F814W	(6) NGC-2257	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -5,5	Prime + Parallel Group 2-3 in NGC2257-ACS-F814W (17)	1170 Secs (1170 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[1]
								[==>(Split 3)]	
3		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13;		Prime + Parallel Group 2-3 in NGC2257-ACS-F814W (17)	1199.231335 Secs (1199.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[1]
4	F814W	(6) NGC-2257	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=2	POS TARG -3,3	Prime + Parallel Group 4-5 in NGC2257-ACS-F814W (17)	900 Secs (900 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[1]
5		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13;		Prime + Parallel Group 4-5 in NGC2257-ACS-F814W (17)	1199.231335 Secs (1199.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[1]
6		(6) NGC-2257	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -1,1		70 Secs (70 Secs)	
								[==>]	[2]
7	F814W	(6) NGC-2257	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG -1,1	Prime + Parallel Group 7-8 in NGC2257-ACS-F814W (17)	1089 Secs (1089 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[2]
								[==>(Split 3)]	
8		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 7-8 in NGC2257-ACS-F814W (17)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[2]
9	F814W	(6) NGC-2257	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 1,-1	Prime + Parallel Group 9-10 in NGC2257-ACS-F814W (17)	1089 Secs (1089 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[2]
								[==>(Split 3)]	
10		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 9-10 in NGC2257-ACS-F814W (17)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[2]
11	F814W	(6) NGC-2257	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 3,-3	Prime + Parallel Group 11-12 in NGC2257-ACS-F814W (17)	1200 Secs (1200 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[3]
								[==>(Split 3)]	
12		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 11-12 in NGC2257-ACS-F814W (17)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[3]
13	F814W	(6) NGC-2257	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=3	POS TARG 5,-5	Prime + Parallel Group 13-14 in NGC2257-ACS-F814W (17)	1200 Secs (1200 Secs)	
								[==>(Split 1)]	
								[==>(Split 2)]	[3]
								[==>(Split 3)]	
14		ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14;		Prime + Parallel Group 13-14 in NGC2257-ACS-F814W (17)	1399.231402 Secs (1399.231 Secs)	
					SAMP-SEQ=STEP200			[==>]	[3]

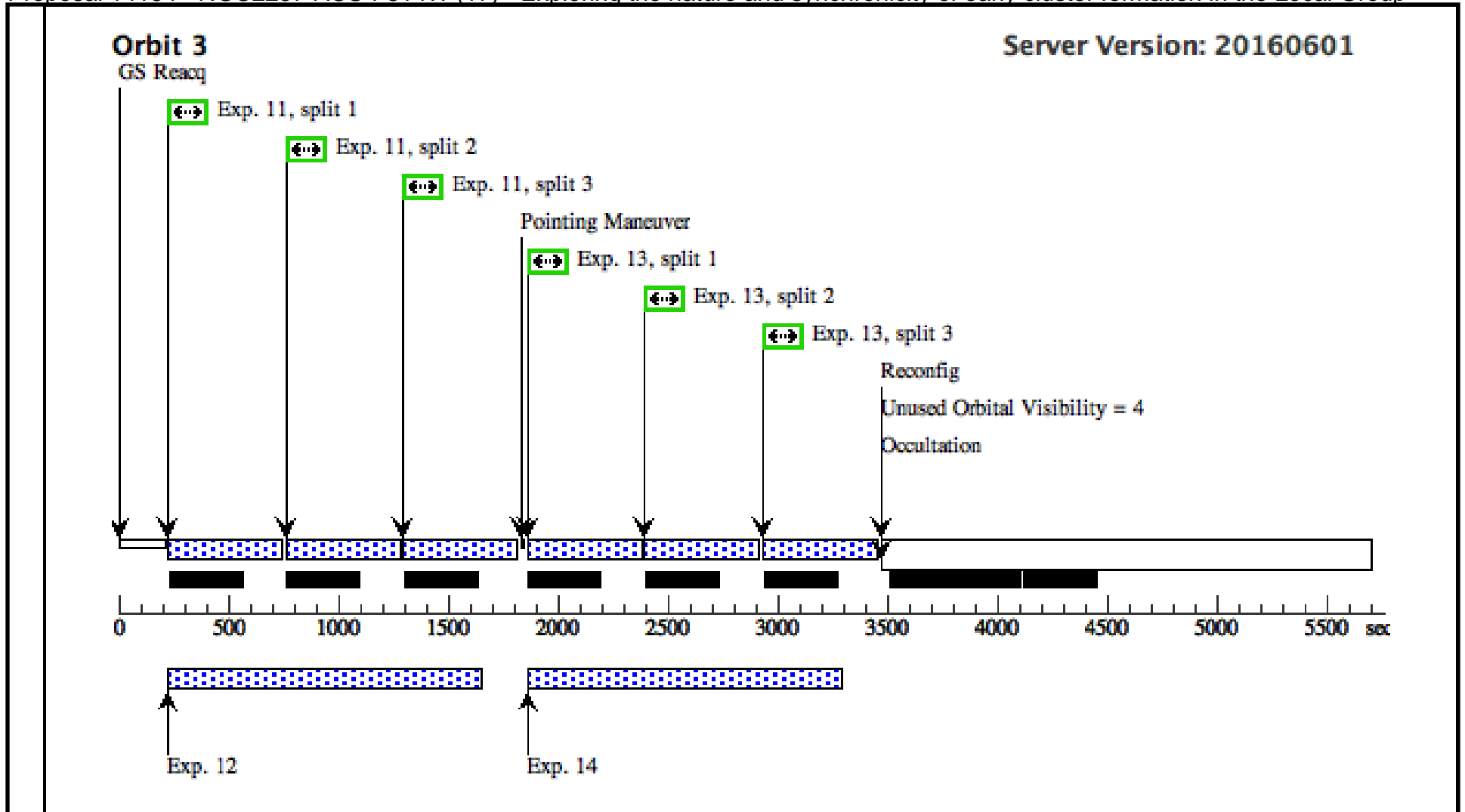
Exposures



Orbit 2

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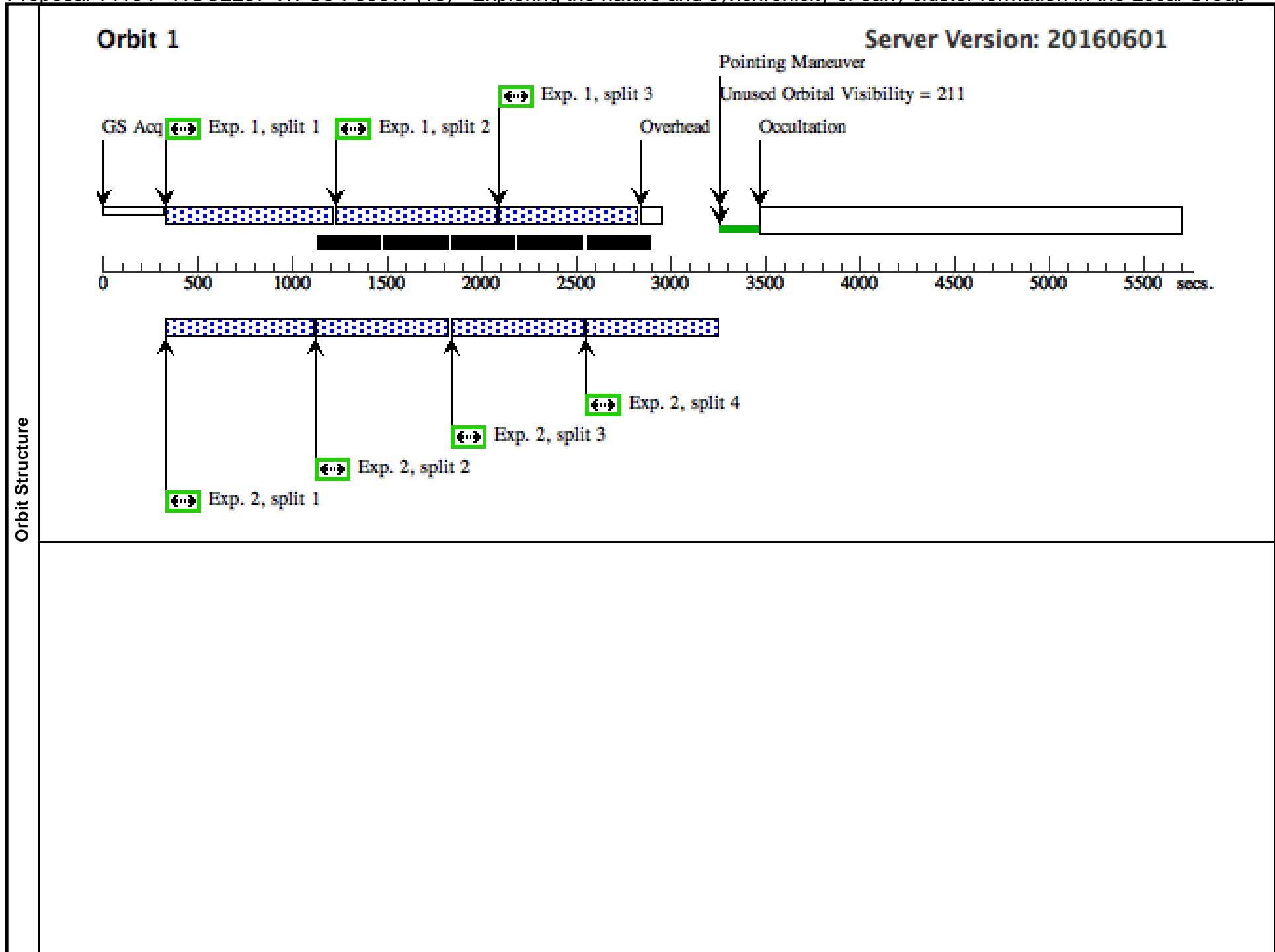


Proposal 14164 - NGC2257-WFC3-F336W (18) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Visit	Proposal 14164, NGC2257-WFC3-F336W (18), failed Wed Sep 07 21:03:48 GMT 2016 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 180D TO 180D FROM 16																
	Diagnosics (NGC2257-WFC3-F336W (18)) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME																
Fixed Targets	<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>(6)</td> <td>NGC-2257</td> <td>RA: 06 30 12.0000 (97.5500000d) Dec: -64 19 36.00 (-64.32667d) Equinox: J2000</td> <td></td> <td>V=12.62</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(6)	NGC-2257	RA: 06 30 12.0000 (97.5500000d) Dec: -64 19 36.00 (-64.32667d) Equinox: J2000		V=12.62	Reference Frame: SIMBAD
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(6)	NGC-2257	RA: 06 30 12.0000 (97.5500000d) Dec: -64 19 36.00 (-64.32667d) Equinox: J2000		V=12.62	Reference Frame: SIMBAD												
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.																	

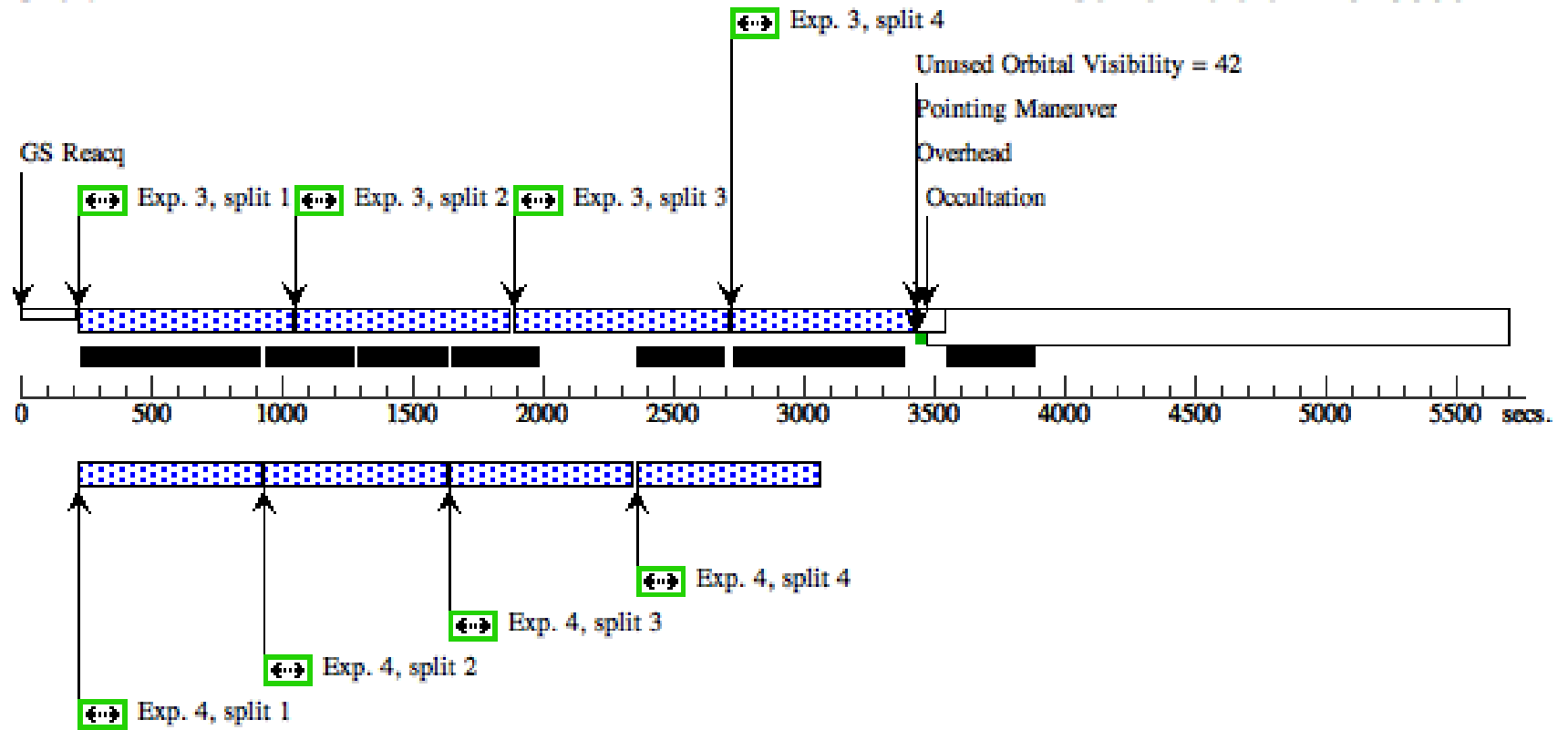
Proposal 14164 - NGC2257-WFC3-F336W (18) - Exploring the nature and synchronicity of early cluster formation in the Local Group

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(6) NGC-2257	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=3; FLASH=10	POS TARG -6,6	Prime + Parallel Group 1-2 in NGC2257-WFC3-F336W (18)	2199 Secs (2199 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	2	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 1-2 in NGC2257-WFC3-F336W (18)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(6) NGC-2257	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG -2,2	Prime + Parallel Group 3-4 in NGC2257-WFC3-F336W (18)	2800 Secs (2800 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	4	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 3-4 in NGC2257-WFC3-F336W (18)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	5	(6) NGC-2257	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG 2,-2	Prime + Parallel Group 5-6 in NGC2257-WFC3-F336W (18)	2800 Secs (2800 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[3]
	6	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 5-6 in NGC2257-WFC3-F336W (18)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[3]
	7	(6) NGC-2257	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG 6,-6	Prime + Parallel Group 7-9 in NGC2257-WFC3-F336W (18)	2820 Secs (2820 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[4]
	8	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3		Prime + Parallel Group 7-9 in NGC2257-WFC3-F336W (18)	1710 Secs (1710 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[4]
	9	ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-9 in NGC2257-WFC3-F336W (18)	50 Secs (50 Secs) [==>]	[4]



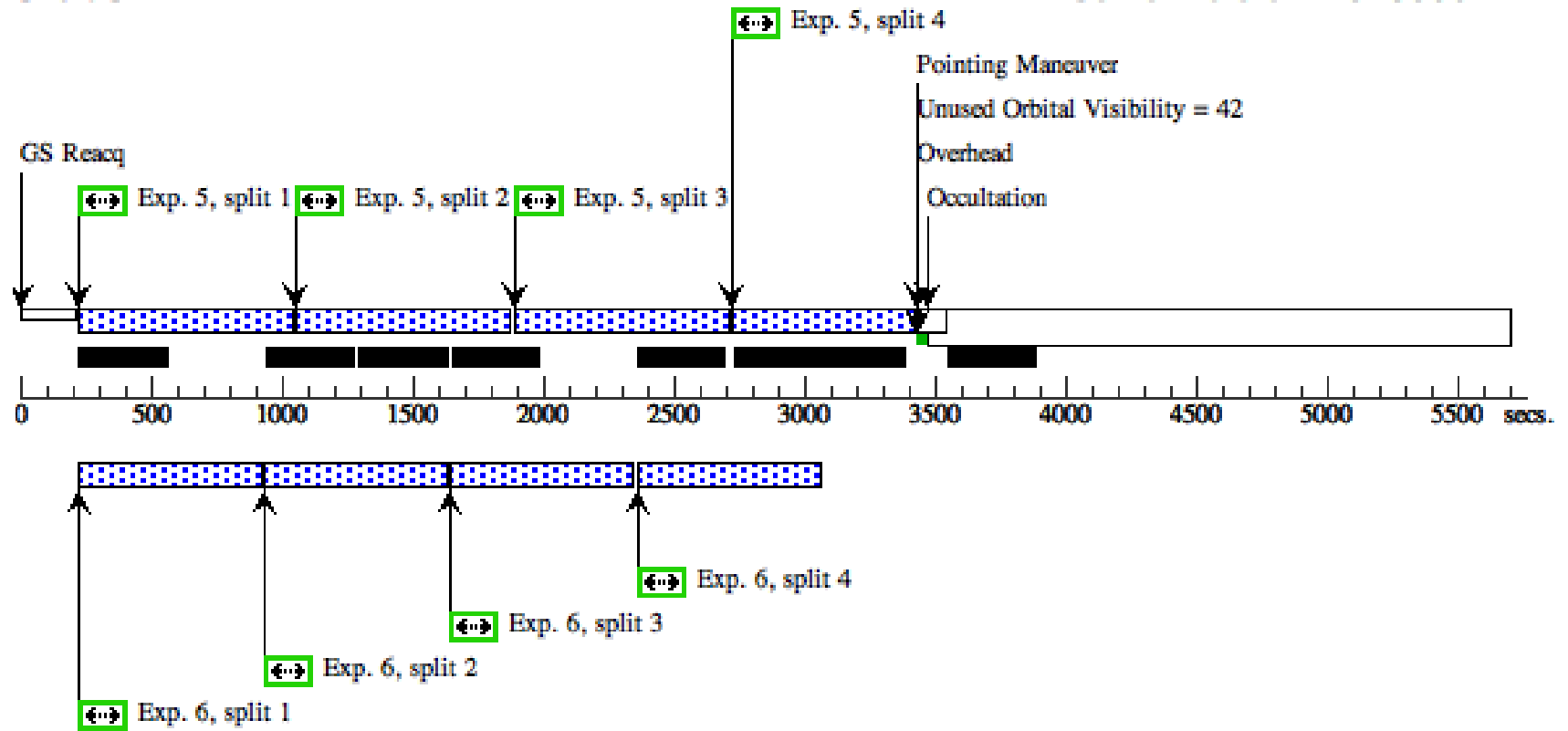
Orbit 2

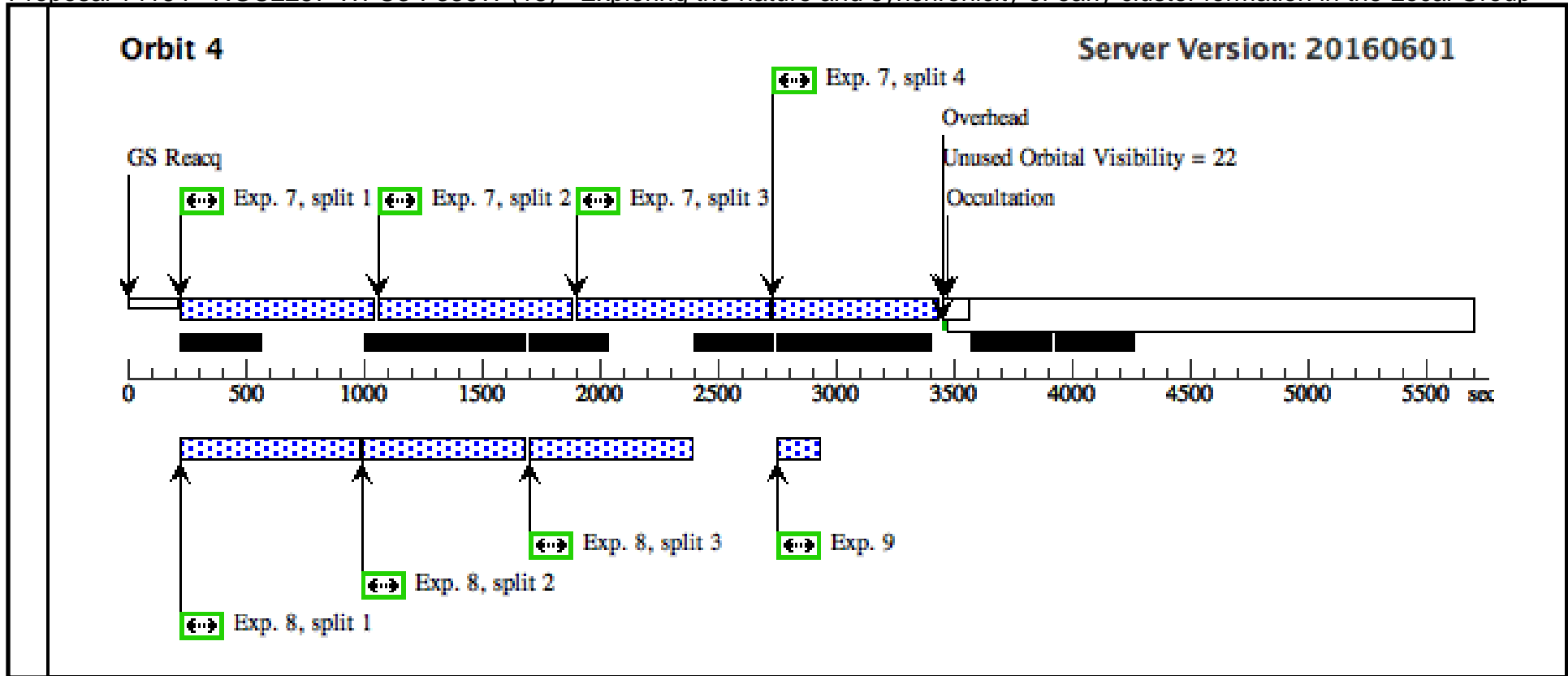
Server Version: 20160601



Orbit 3

Server Version: 20160601



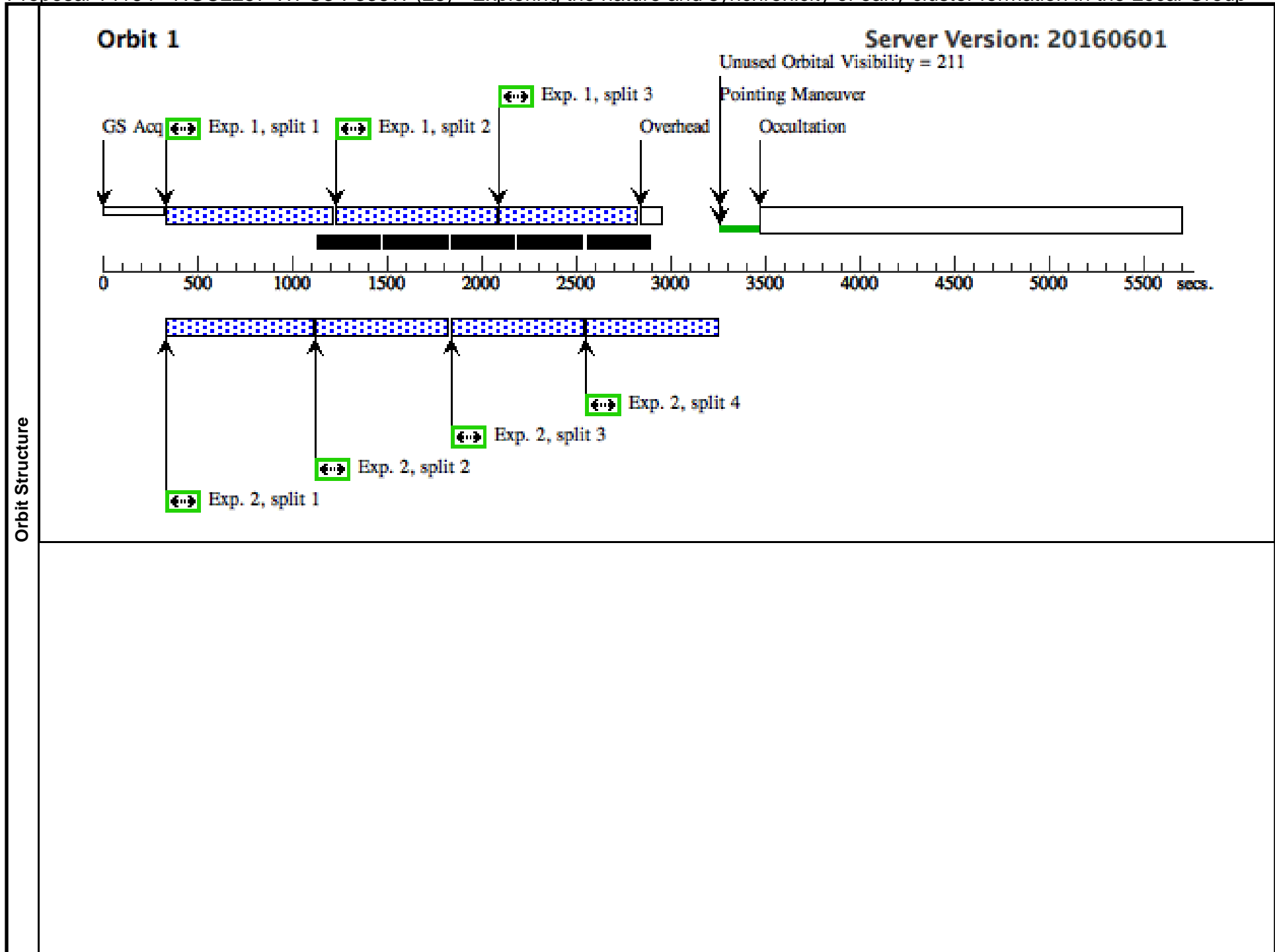


Proposal 14164 - NGC2257-WFC3-F336W (28) - Exploring the nature and synchronicity of early cluster formation in the Local Group

Visit	Proposal 14164, NGC2257-WFC3-F336W (28), implementation Wed Sep 07 21:03:48 GMT 2016 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT -45D TO -45D FROM 16					
	(NGC2257-WFC3-F336W (28)) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	NGC-2257	RA: 06 30 12.0000 (97.5500000d) Dec: -64 19 36.00 (-64.32667d) Equinox: J2000		V=12.62	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

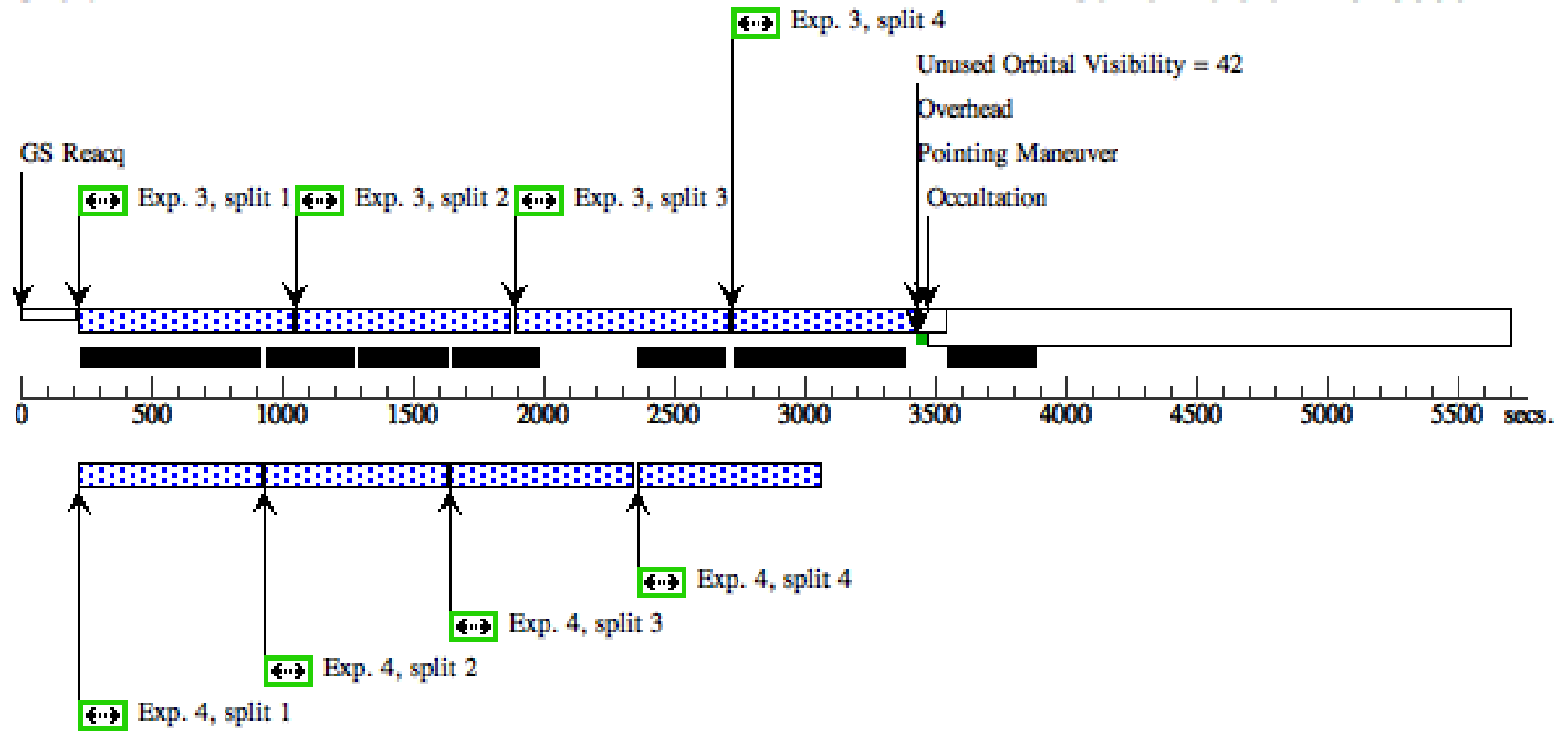
Proposal 14164 - NGC2257-WFC3-F336W (28) - Exploring the nature and synchronicity of early cluster formation in the Local Group

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(6) NGC-2257	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=3; FLASH=10	POS TARG -6,6	Prime + Parallel Group 1-2 in NGC2257-WFC3-F336W (28)	2199 Secs (2199 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	2	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 1-2 in NGC2257-WFC3-F336W (28)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(6) NGC-2257	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG -2,2	Prime + Parallel Group 3-4 in NGC2257-WFC3-F336W (28)	2800 Secs (2800 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	4	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 3-4 in NGC2257-WFC3-F336W (28)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	5	(6) NGC-2257	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG 2,-2	Prime + Parallel Group 5-6 in NGC2257-WFC3-F336W (28)	2800 Secs (2800 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[3]
	6	ANY	ACS/WFC, ACCUM, WFCENTER	F435W	CR-SPLIT=4		Prime + Parallel Group 5-6 in NGC2257-WFC3-F336W (28)	2300 Secs (2300 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[3]
	7	(6) NGC-2257	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=4; FLASH=10	POS TARG 6,-6	Prime + Parallel Group 7-9 in NGC2257-WFC3-F336W (28)	2820 Secs (2820 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[4]
	8	ANY	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=3		Prime + Parallel Group 7-9 in NGC2257-WFC3-F336W (28)	1710 Secs (1710 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[4]
	9	ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-9 in NGC2257-WFC3-F336W (28)	50 Secs (50 Secs) [==>]	[4]



Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601

