



13470 - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Cycle: 21, 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>
52	(5) URSA-MINOR-GALAXY-4-COPY	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:43:40.0	yes
55	(5) URSA-MINOR-GALAXY-4-COPY	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:43:51.0	yes
54	(6) URSA-MINOR-GALAXY-4-COPY-1	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:44:01.0	yes
56	(6) URSA-MINOR-GALAXY-4-COPY-1	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:44:09.0	yes
01	(1) URSA-MINOR-GALAXY	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:44:18.0	yes

Proposal 13470 (STScI Edit Number: 0, Created: Tuesday, August 13, 2013 8:46:24 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>
60	(1) URSA-MINOR-GALAXY	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:44:26.0	yes
57	(1) URSA-MINOR-GALAXY	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:44:34.0	yes
61	(1) URSA-MINOR-GALAXY	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:44:42.0	yes
11	(2) URSA-MINOR-GALAXY-2	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:44:50.0	yes
62	(2) URSA-MINOR-GALAXY-2	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:44:58.0	yes
59	(2) URSA-MINOR-GALAXY-2	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:45:06.0	yes
63	(2) URSA-MINOR-GALAXY-2	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:45:14.0	yes
48	(3) URSA-MINOR-GALAXY-3	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:45:21.0	yes
64	(3) URSA-MINOR-GALAXY-3	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:45:29.0	yes
65	(3) URSA-MINOR-GALAXY-3	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:45:37.0	yes
66	(3) URSA-MINOR-GALAXY-3	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:45:45.0	yes
50	(4) URSA-MINOR-GALAXY-4	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:45:53.0	yes
67	(4) URSA-MINOR-GALAXY-4	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:46:00.0	yes
68	(4) URSA-MINOR-GALAXY-4	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:46:08.0	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>
69	(4) URSA-MINOR-GALAXY-4	ACS/WFC WFC3/UVIS	1	13-Aug-2013 21:46:15.0	yes

20 Total Orbits Used

ABSTRACT

The mass function of dark matter (DM) halos is a central piece in the current framework of hierarchical structure formation. Although a wealth of information is available on the properties of DM halos with $M > 1e8$ solar masses (M_{sun}), lower-mass halos remain virtually inaccessible. In particular, we do not know whether there is substructure on scales below dwarf spheroidal (dSph) galaxies, nor whether the DM power spectrum cuts off at some low-mass value. Here we propose an experiment that, using resolved binary systems as gravitational test particles, will probe these unexplored regimes for the first time. We will measure the stellar 2-point correlation function in 370 square arcmin of the Ursa Minor dSph down to separations of 40 mas, corresponding to 3000 AU. If there is no DM substructure on small scales, we will detect a 6-sigma excess due to "wide" binaries at the smallest separations. On the other hand, if DM substructure exists on scales of $1e4 M_{\text{sun}}$ at even 10% of the level predicted by standard theory, then these binaries will have been destroyed and there will be no excess at small separations. Because the wide-binary separation function is identical in the Milky Way disk and halo (despite being radically different dynamical environments), it is almost certain that dSphs were originally endowed with the same wide-binary distribution. Moreover, the interpretation of the resulting data is free from ambiguities, as there are no known mechanisms for destroying these binaries within dSph environments, other than DM subhalos. Thus this is, to the best of our knowledge, the only current experiment that could detect or rule out DM clustering on $M = 1e4 M_{\text{sun}}$ scales.

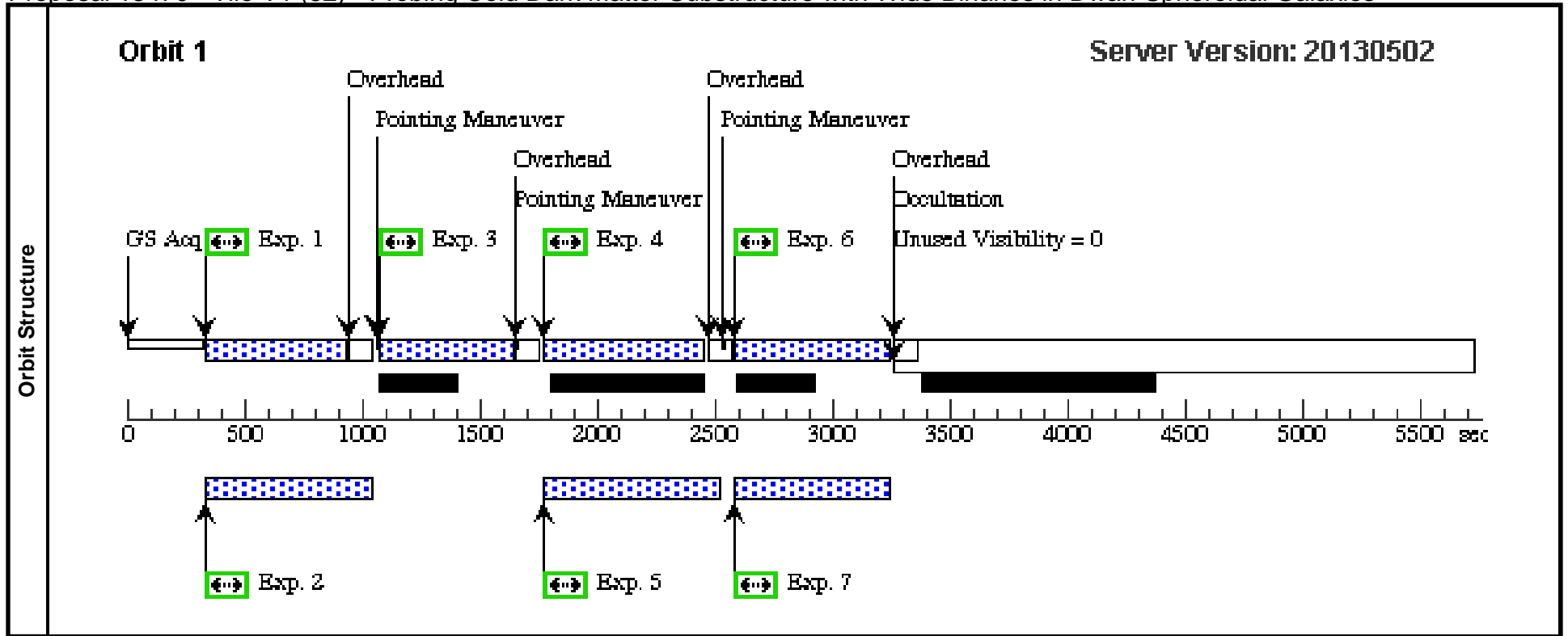
OBSERVING DESCRIPTION

TBD

Proposal 13470 - Tile V1 (52) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:25 GMT 2013

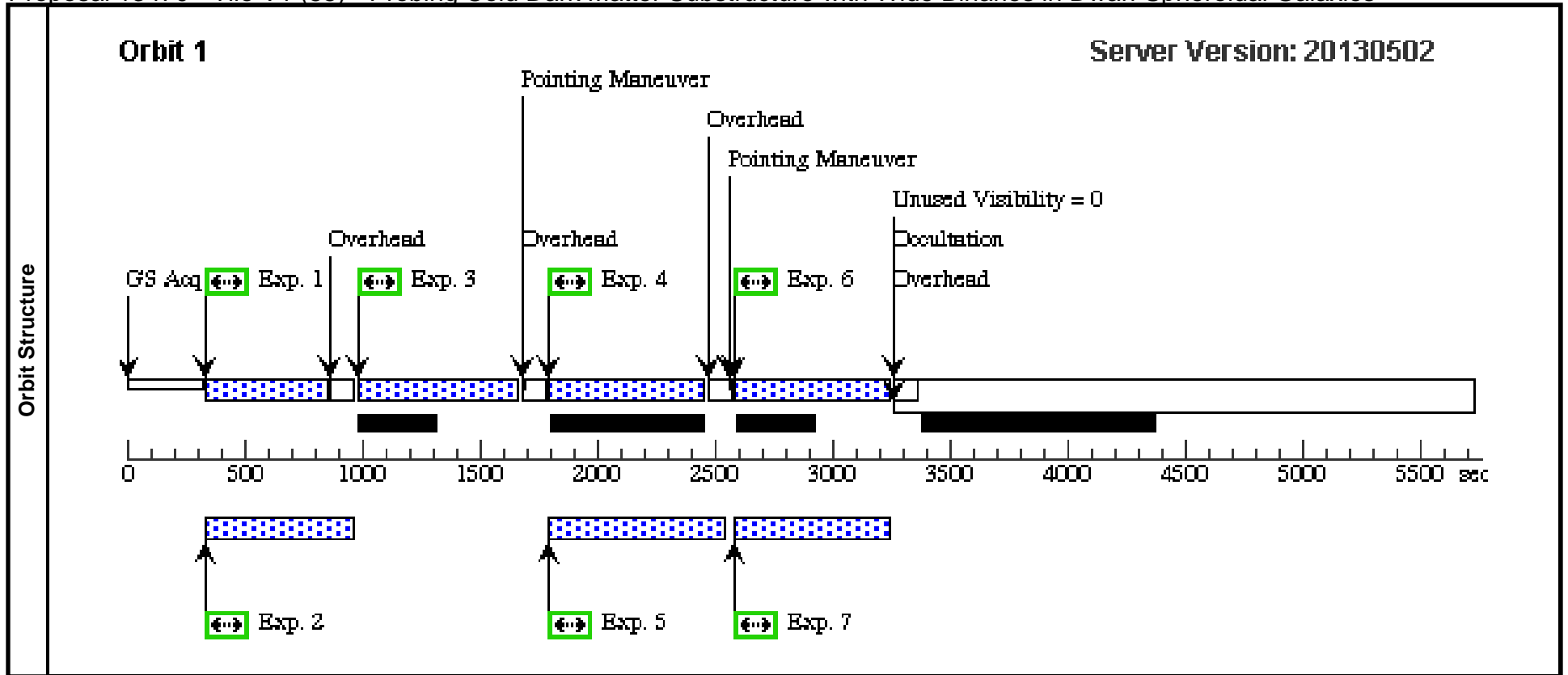
Visit	Proposal 13470, Tile V1 (52) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%: ORIENT 97D TO 97 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(5)	URSA-MINOR-GALAXY-4-COPY	RA: 15 09 18.3865 (227.3266104d) Dec: +67 11 48.23 (67.19673d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY-4-COPY	(5) URSA-MINOR-GALAXY-4-COPY	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -0.0935 4,0.2832; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (52)	568 Secs (568 Secs) [==>]	[1]
	2	(5) URSA-MINOR-GALAXY-4-COPY	(5) URSA-MINOR-GALAXY-4-COPY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (52)	508 Secs (508 Secs) [==>]	[1]
	3	(5) URSA-MINOR-GALAXY-4-COPY	(5) URSA-MINOR-GALAXY-4-COPY	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 0.09354, -0.2832		568 Secs (568 Secs) [==>]	[1]
	4	(5) URSA-MINOR-GALAXY-4-COPY	(5) URSA-MINOR-GALAXY-4-COPY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 0.0,0.0	Prime + Parallel Group 4-5 in Tile V1 (52)	664 Secs (664 Secs) [==>]	[1]
	5	(5) URSA-MINOR-GALAXY-4-COPY	(5) URSA-MINOR-GALAXY-4-COPY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (52)	573 Secs (573 Secs) [==>]	[1]
	6	(5) URSA-MINOR-GALAXY-4-COPY	(5) URSA-MINOR-GALAXY-4-COPY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 0.05421, 0.18436	Prime + Parallel Group 6-7 in Tile V1 (52)	664 Secs (664 Secs) [==>]	[1]
	7	(5) URSA-MINOR-GALAXY-4-COPY	(5) URSA-MINOR-GALAXY-4-COPY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (52)	538 Secs (538 Secs) [==>]	[1]



Proposal 13470 - Tile V1 (55) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:27 GMT 2013

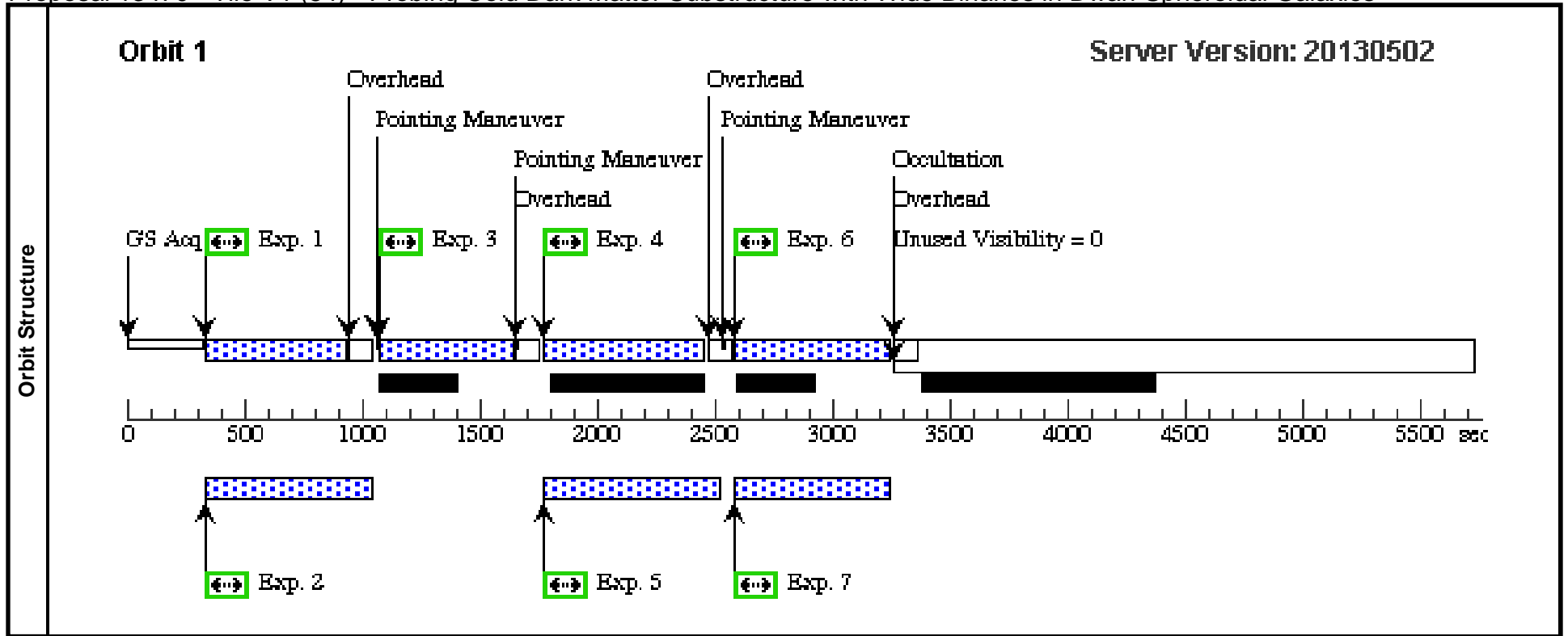
Visit	Proposal 13470, Tile V1 (55) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%: ORIENT 97D TO 97 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(5)	URSA-MINOR-GALAXY-4-COPY	RA: 15 09 18.3865 (227.3266104d) Dec: +67 11 48.23 (67.19673d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY-4-COPY	(5) URSA-MINOR-GALAXY-4-COPY	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -5.0935 4,-4.7168; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (55)	488 Secs (488 Secs) [==>]	[1]
	2	(5) URSA-MINOR-GALAXY-4-COPY	(5) URSA-MINOR-GALAXY-4-COPY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (55)	428 Secs (428 Secs) [==>]	[1]
	3	(5) URSA-MINOR-GALAXY-4-COPY	(5) URSA-MINOR-GALAXY-4-COPY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -5.0935 4,-4.7168		664 Secs (664 Secs) [==>]	[1]
	4	(5) URSA-MINOR-GALAXY-4-COPY	(5) URSA-MINOR-GALAXY-4-COPY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -5.0,-5.0	Prime + Parallel Group 4-5 in Tile V1 (55)	664 Secs (664 Secs) [==>]	[1]
	5	(5) URSA-MINOR-GALAXY-4-COPY	(5) URSA-MINOR-GALAXY-4-COPY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (55)	573 Secs (573 Secs) [==>]	[1]
	6	(5) URSA-MINOR-GALAXY-4-COPY	(5) URSA-MINOR-GALAXY-4-COPY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -4.9457 9,-4.81564	Prime + Parallel Group 6-7 in Tile V1 (55)	664 Secs (664 Secs) [==>]	[1]
	7	(5) URSA-MINOR-GALAXY-4-COPY	(5) URSA-MINOR-GALAXY-4-COPY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (55)	538 Secs (538 Secs) [==>]	[1]



Proposal 13470 - Tile V1 (54) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:29 GMT 2013

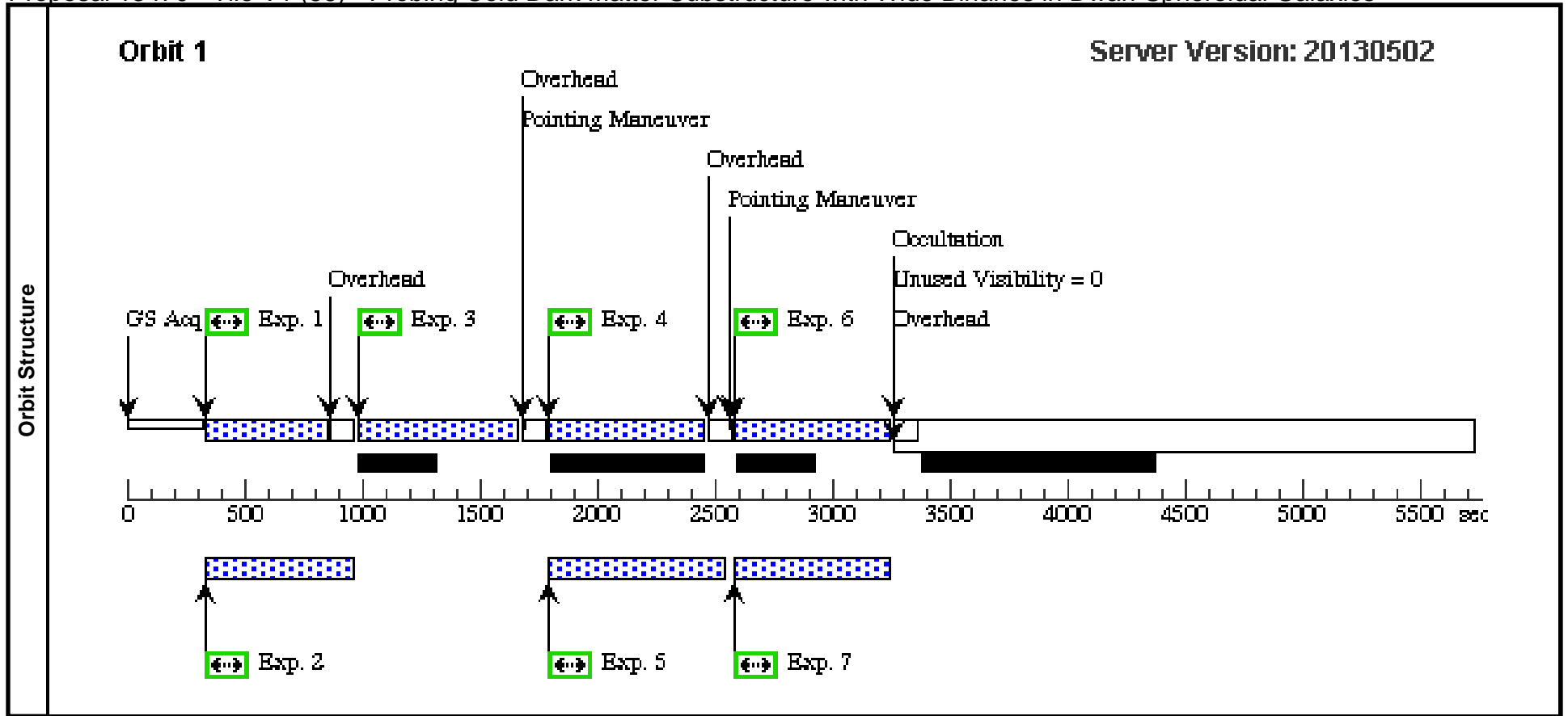
Visit	Proposal 13470, Tile V1 (54) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%: ORIENT 275.18D TO 275.18 D																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>URSA-MINOR-GALAXY-4-COPY-1</td> <td>RA: 15 09 0.8656 (227.2536067d) Dec: +67 13 51.19 (67.23089d) Equinox: J2000</td> <td></td> <td>V=11.9 L=3.9 x 10⁵ Lsun, V</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	(6)	URSA-MINOR-GALAXY-4-COPY-1	RA: 15 09 0.8656 (227.2536067d) Dec: +67 13 51.19 (67.23089d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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																							
(6)	URSA-MINOR-GALAXY-4-COPY-1	RA: 15 09 0.8656 (227.2536067d) Dec: +67 13 51.19 (67.23089d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY-4-COPY-1	(6) URSA-MINOR-GALAXY-4-COPY-1	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -0.0935 4,0.2832; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (54)	568 Secs (568 Secs) [==>]	[1]																		
	2	(6) URSA-MINOR-GALAXY-4-COPY-1	(6) URSA-MINOR-GALAXY-4-COPY-1	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (54)	508 Secs (508 Secs) [==>]	[1]																		
	3	(6) URSA-MINOR-GALAXY-4-COPY-1	(6) URSA-MINOR-GALAXY-4-COPY-1	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 0.09354, -0.2832		568 Secs (568 Secs) [==>]	[1]																		
	4	(6) URSA-MINOR-GALAXY-4-COPY-1	(6) URSA-MINOR-GALAXY-4-COPY-1	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 0.0,0.0	Prime + Parallel Group 4-5 in Tile V1 (54)	664 Secs (664 Secs) [==>]	[1]																		
	5	(6) URSA-MINOR-GALAXY-4-COPY-1	(6) URSA-MINOR-GALAXY-4-COPY-1	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (54)	573 Secs (573 Secs) [==>]	[1]																		
	6	(6) URSA-MINOR-GALAXY-4-COPY-1	(6) URSA-MINOR-GALAXY-4-COPY-1	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 0.05421, 0.18436	Prime + Parallel Group 6-7 in Tile V1 (54)	664 Secs (664 Secs) [==>]	[1]																		
	7	(6) URSA-MINOR-GALAXY-4-COPY-1	(6) URSA-MINOR-GALAXY-4-COPY-1	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (54)	538 Secs (538 Secs) [==>]	[1]																		



Proposal 13470 - Tile V1 (56) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:30 GMT 2013

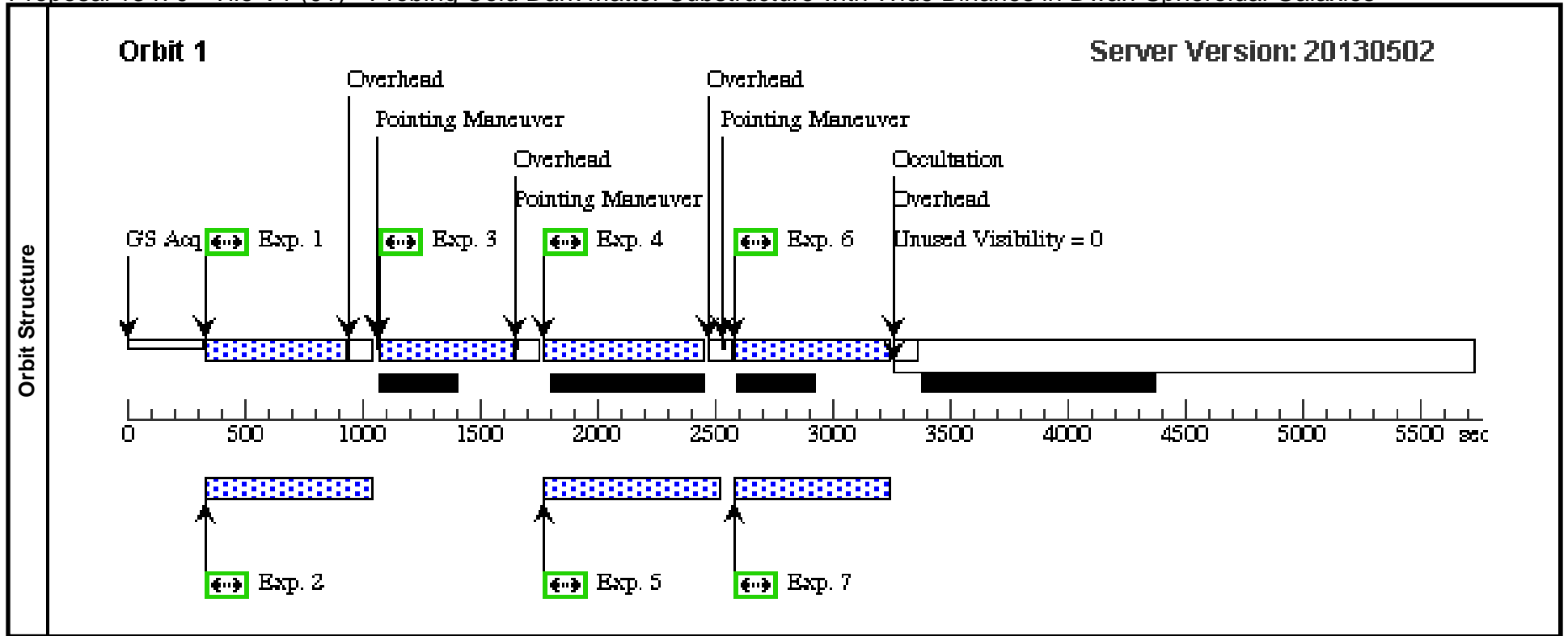
Visit	Proposal 13470, Tile V1 (56) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%: ORIENT 275.18D TO 275.18 D																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>URSA-MINOR-GALAXY-4-COPY-1</td> <td>RA: 15 09 0.8656 (227.2536067d) Dec: +67 13 51.19 (67.23089d) Equinox: J2000</td> <td></td> <td>V=11.9 L=3.9 x 10⁵ Lsun, V</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	(6)	URSA-MINOR-GALAXY-4-COPY-1	RA: 15 09 0.8656 (227.2536067d) Dec: +67 13 51.19 (67.23089d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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																							
(6)	URSA-MINOR-GALAXY-4-COPY-1	RA: 15 09 0.8656 (227.2536067d) Dec: +67 13 51.19 (67.23089d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY-4-COPY-1	(6) URSA-MINOR-GALAXY-4-COPY-1	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 4.90646, 5.2832; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (56)	488 Secs (488 Secs) [==>]	[1]																		
	2	(6) URSA-MINOR-GALAXY-4-COPY-1	(6) URSA-MINOR-GALAXY-4-COPY-1	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (56)	428 Secs (428 Secs) [==>]	[1]																		
	3	(6) URSA-MINOR-GALAXY-4-COPY-1	(6) URSA-MINOR-GALAXY-4-COPY-1	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 4.90646, 5.2832		664 Secs (664 Secs) [==>]	[1]																		
	4	(6) URSA-MINOR-GALAXY-4-COPY-1	(6) URSA-MINOR-GALAXY-4-COPY-1	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 5.0,5.0	Prime + Parallel Group 4-5 in Tile V1 (56)	664 Secs (664 Secs) [==>]	[1]																		
	5	(6) URSA-MINOR-GALAXY-4-COPY-1	(6) URSA-MINOR-GALAXY-4-COPY-1	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (56)	573 Secs (573 Secs) [==>]	[1]																		
	6	(6) URSA-MINOR-GALAXY-4-COPY-1	(6) URSA-MINOR-GALAXY-4-COPY-1	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 5.05421, 5.18436	Prime + Parallel Group 6-7 in Tile V1 (56)	664 Secs (664 Secs) [==>]	[1]																		
	7	(6) URSA-MINOR-GALAXY-4-COPY-1	(6) URSA-MINOR-GALAXY-4-COPY-1	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (56)	538 Secs (538 Secs) [==>]	[1]																		



Proposal 13470 - Tile V1 (01) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:30 GMT 2013

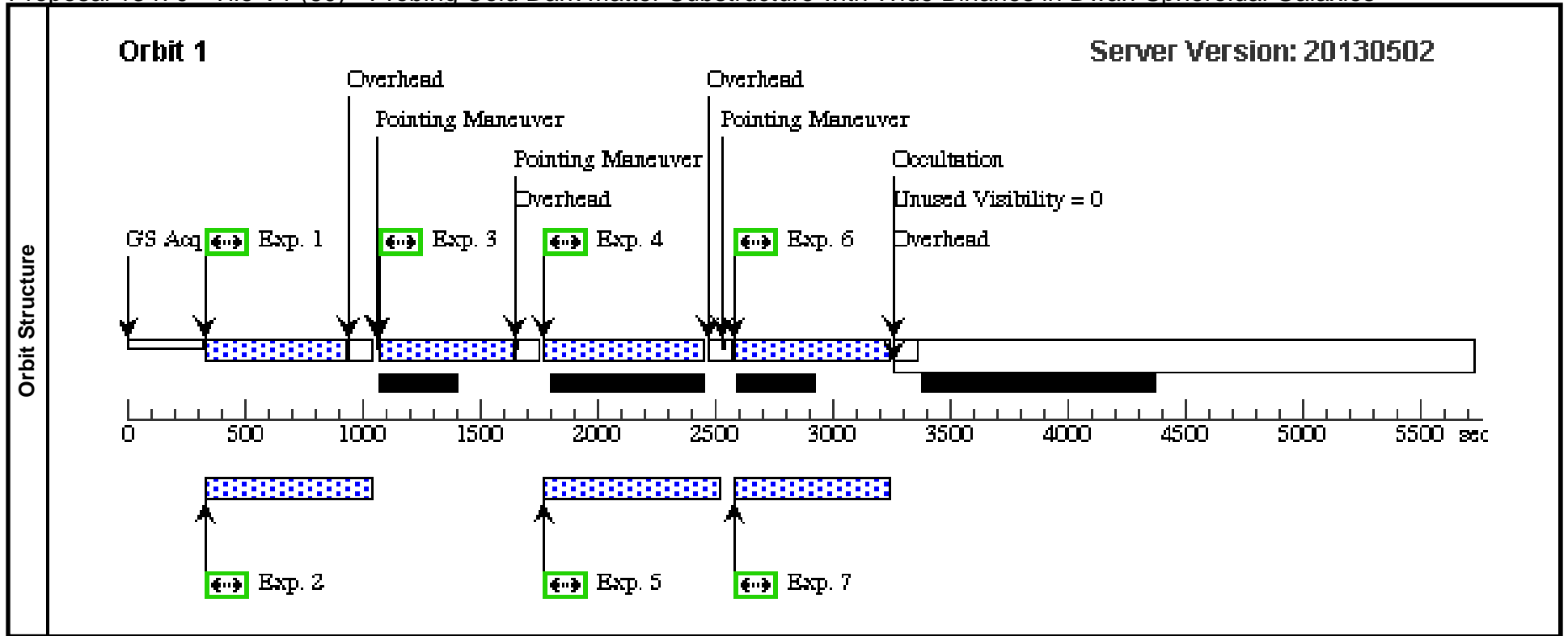
Visit	Proposal 13470, Tile V1 (01) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%; ORIENT 5.18D TO 5.18 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	URSA-MINOR-GALAXY	RA: 15 10 43.5101 (227.6812921d) Dec: +67 20 24.52 (67.34014d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -77.734 79955823828,-5.146 005756186209; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (01)	568 Secs (568 Secs) [==>]	[1]
	2	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (01)	508 Secs (508 Secs) [==>]	[1]
	3	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -77.547 71955823827,-5.712 405756186209		568 Secs (568 Secs) [==>]	[1]
	4	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -77.641 25955823827,-5.429 205756186209	Prime + Parallel Group 4-5 in Tile V1 (01)	664 Secs (664 Secs) [==>]	[1]
	5	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (01)	573 Secs (573 Secs) [==>]	[1]
	6	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -77.587 04955823828,-5.244 845756186209	Prime + Parallel Group 6-7 in Tile V1 (01)	664 Secs (664 Secs) [==>]	[1]
	7	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (01)	538 Secs (538 Secs) [==>]	[1]



Proposal 13470 - Tile V1 (60) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:31 GMT 2013

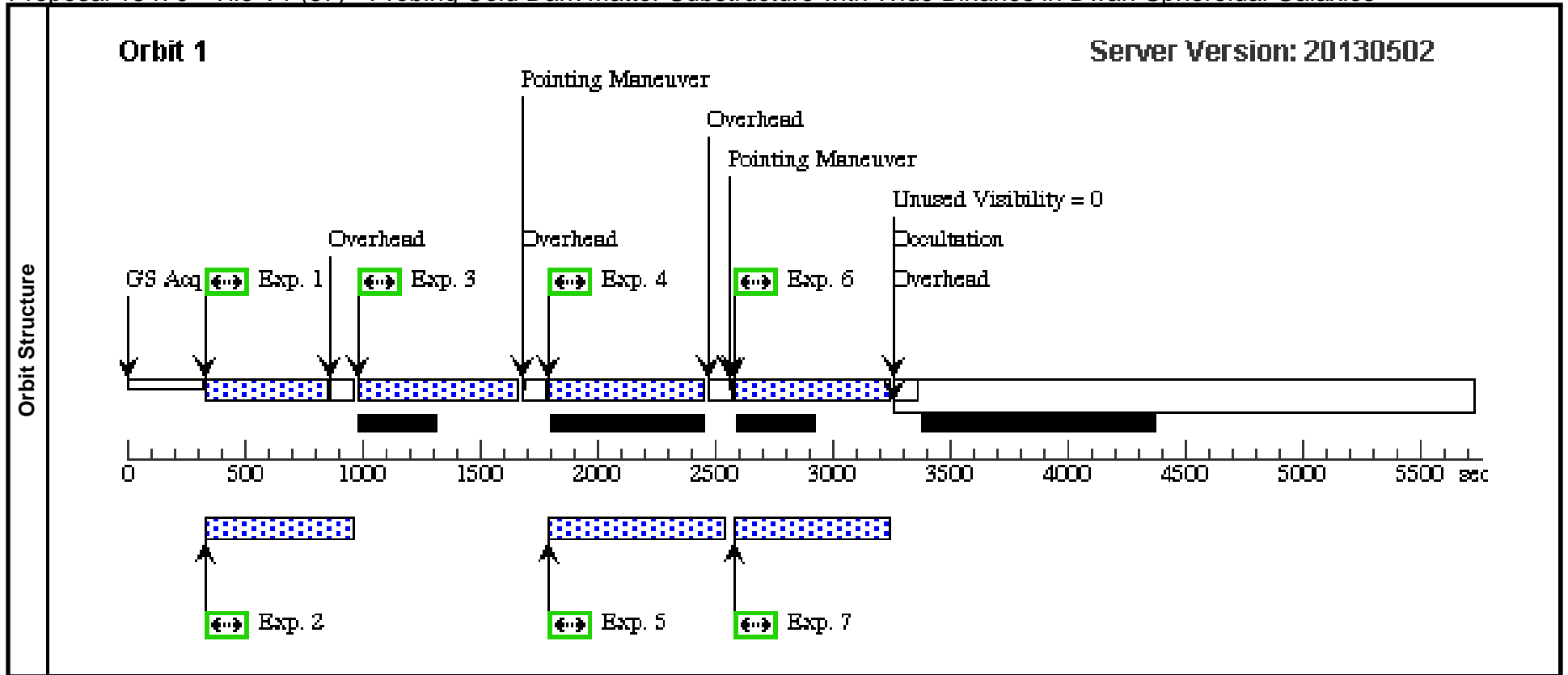
Visit	Proposal 13470, Tile V1 (60) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%; SAME ORIENT AS 01									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	URSA-MINOR-GALAXY	RA: 15 10 43.5101 (227.6812921d) Dec: +67 20 24.52 (67.34014d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 77.5477 195582383,5.712405 756186209; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (60)	568 Secs (568 Secs) [==>]	[1]
	2	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (60)	508 Secs (508 Secs) [==>]	[1]
	3	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 77.7347 9955823831,5.14600 5756186209		568 Secs (568 Secs) [==>]	[1]
	4	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 77.6412 595582383,5.429205 756186209	Prime + Parallel Group 4-5 in Tile V1 (60)	664 Secs (664 Secs) [==>]	[1]
	5	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (60)	573 Secs (573 Secs) [==>]	[1]
	6	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 77.6954 695582383,5.613565 756186209	Prime + Parallel Group 6-7 in Tile V1 (60)	664 Secs (664 Secs) [==>]	[1]
	7	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (60)	538 Secs (538 Secs) [==>]	[1]



Proposal 13470 - Tile V1 (57) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:32 GMT 2013

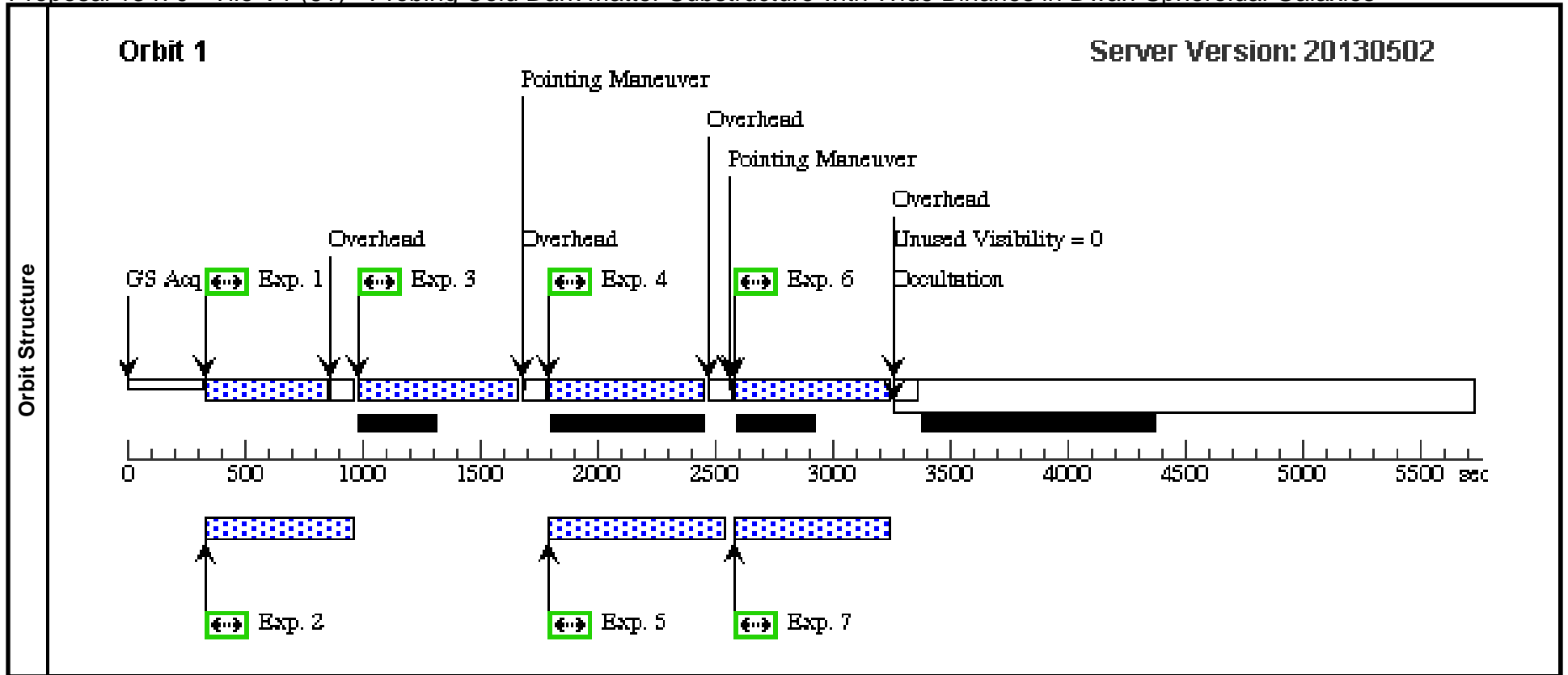
Visit	Proposal 13470, Tile V1 (57) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%; ORIENT 5.18D TO 5.18 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	URSA-MINOR-GALAXY	RA: 15 10 43.5101 (227.6812921d) Dec: +67 20 24.52 (67.34014d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -72.734 79955823828,-0.146 00575618620937; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (57)	488 Secs (488 Secs) [==>]	[1]
	2	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (57)	428 Secs (428 Secs) [==>]	[1]
	3	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -72.734 79955823828,-0.146 00575618620937		664 Secs (664 Secs) [==>]	[1]
	4	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -72.641 25955823827,-0.429 20575618620926	Prime + Parallel Group 4-5 in Tile V1 (57)	664 Secs (664 Secs) [==>]	[1]
	5	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (57)	573 Secs (573 Secs) [==>]	[1]
	6	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -72.587 04955823828,-0.244 8457561862094	Prime + Parallel Group 6-7 in Tile V1 (57)	664 Secs (664 Secs) [==>]	[1]
	7	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (57)	538 Secs (538 Secs) [==>]	[1]



Proposal 13470 - Tile V1 (61) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:33 GMT 2013

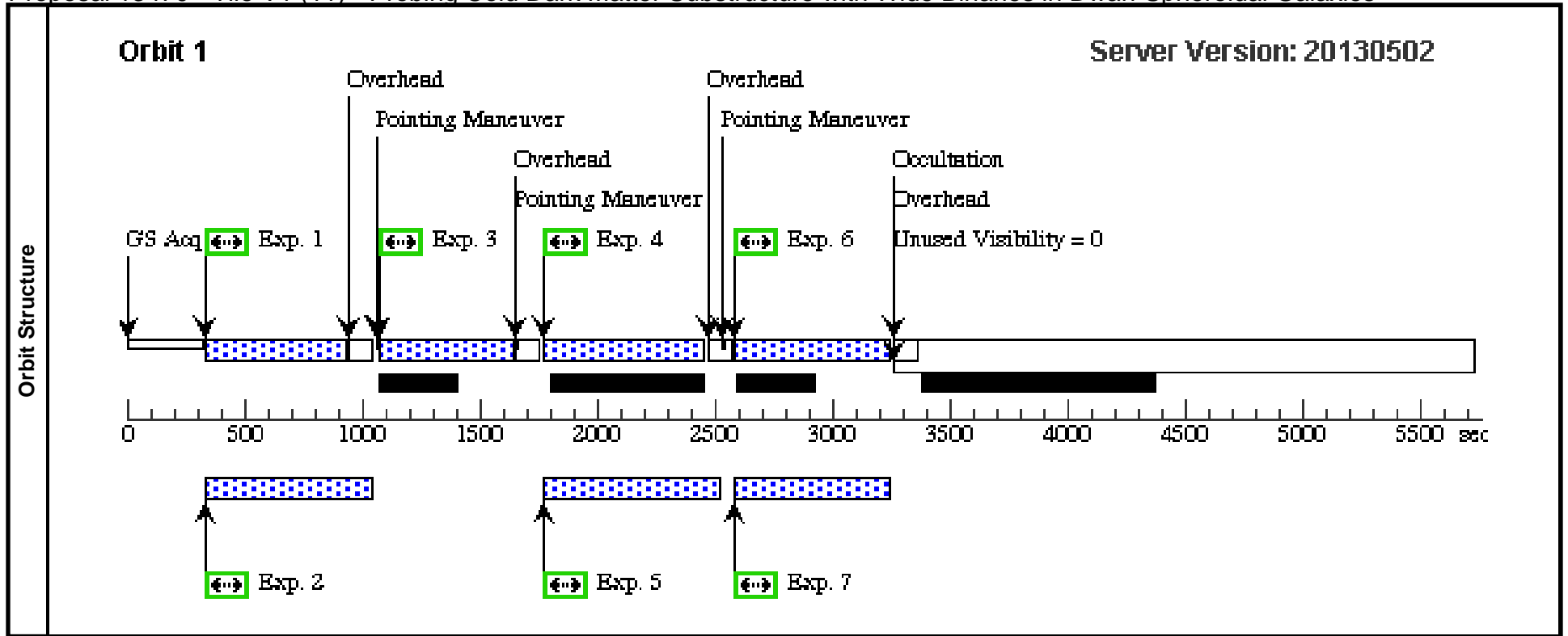
Visit	Proposal 13470, Tile V1 (61) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%; SAME ORIENT AS 57									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	URSA-MINOR-GALAXY	RA: 15 10 43.5101 (227.6812921d) Dec: +67 20 24.52 (67.34014d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 82.5477 195582383,10.71240 5756186207; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (61)	488 Secs (488 Secs) [==>]	[1]
	2	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (61)	428 Secs (428 Secs) [==>]	[1]
	3	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 82.5477 195582383,10.71240 5756186207		664 Secs (664 Secs) [==>]	[1]
	4	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 82.6412 595582383,10.42920 5756186207	Prime + Parallel Group 4-5 in Tile V1 (61)	664 Secs (664 Secs) [==>]	[1]
	5	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (61)	573 Secs (573 Secs) [==>]	[1]
	6	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 82.6954 695582383,10.61356 5756186206	Prime + Parallel Group 6-7 in Tile V1 (61)	664 Secs (664 Secs) [==>]	[1]
	7	(1) URSA-MINOR-GALAXY	(1) URSA-MINOR-GALAXY	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (61)	538 Secs (538 Secs) [==>]	[1]



Proposal 13470 - Tile V1 (11) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:34 GMT 2013

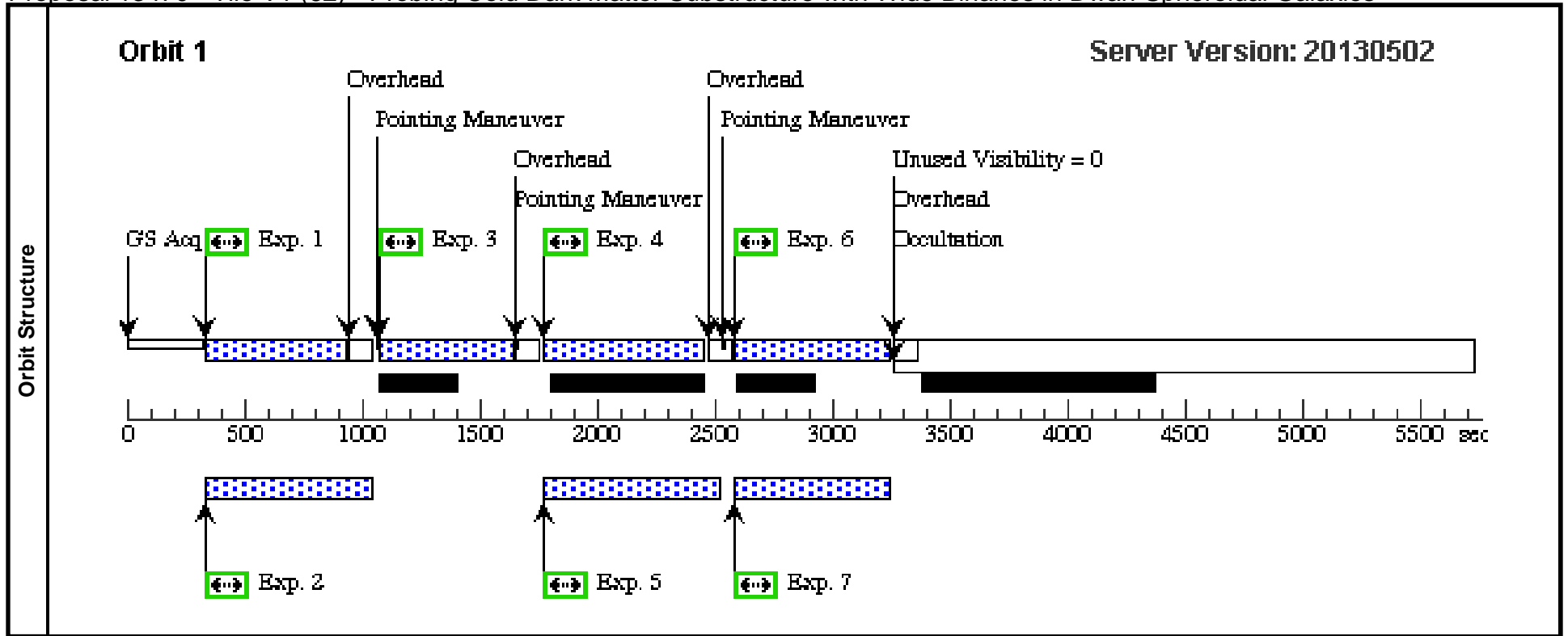
Visit	Proposal 13470, Tile V1 (11) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%; ORIENT 7D TO 7 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	URSA-MINOR-GALAXY-2	RA: 15 10 23.1446 (227.5964358d) Dec: +67 18 49.86 (67.31385d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -77.734 79955823828,-5.146 005756186209; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (11)	568 Secs (568 Secs) [==>]	[1]
	2	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (11)	508 Secs (508 Secs) [==>]	[1]
	3	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -77.547 71955823827,-5.712 405756186209		568 Secs (568 Secs) [==>]	[1]
	4	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -77.641 25955823827,-5.429 205756186209	Prime + Parallel Group 4-5 in Tile V1 (11)	664 Secs (664 Secs) [==>]	[1]
	5	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (11)	573 Secs (573 Secs) [==>]	[1]
	6	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -77.587 04955823828,-5.244 845756186209	Prime + Parallel Group 6-7 in Tile V1 (11)	664 Secs (664 Secs) [==>]	[1]
	7	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (11)	538 Secs (538 Secs) [==>]	[1]



Proposal 13470 - Tile V1 (62) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:34 GMT 2013

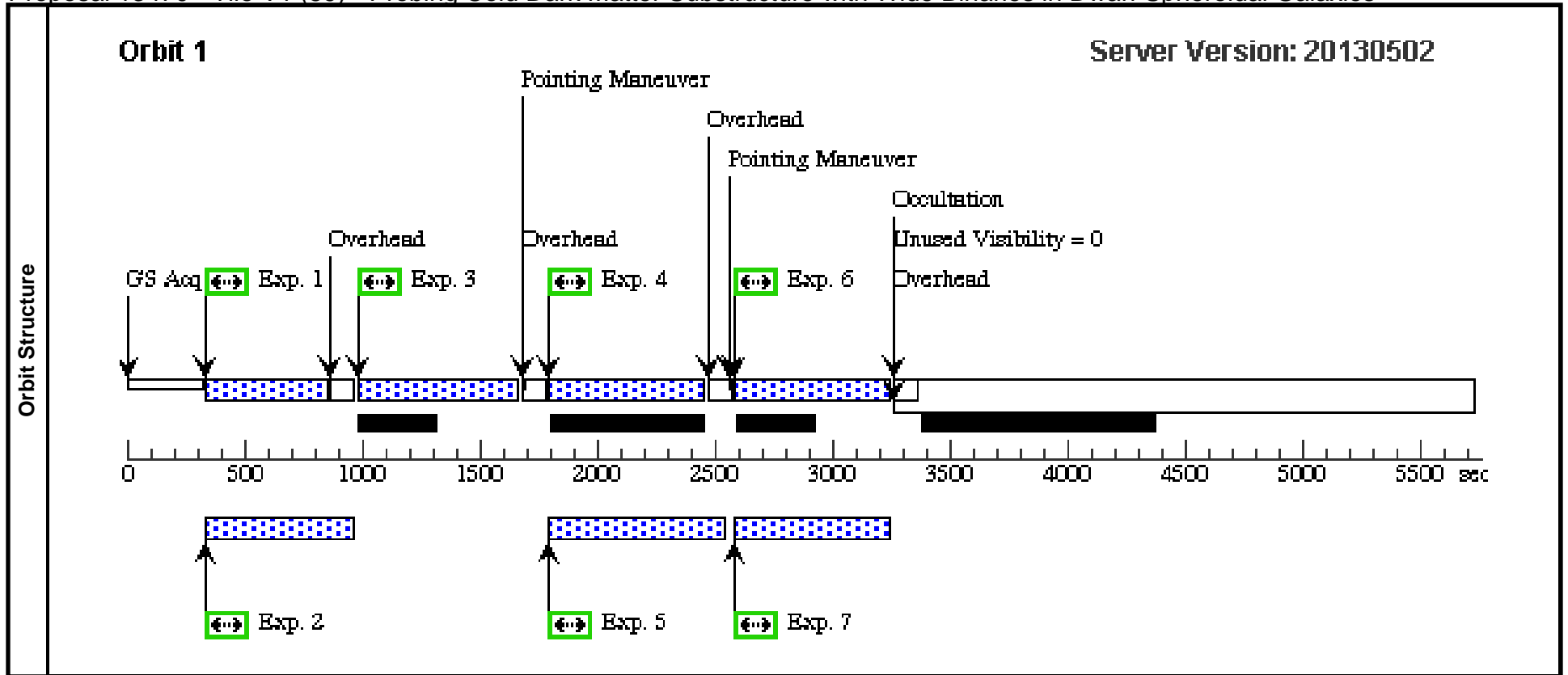
Visit	Proposal 13470, Tile V1 (62) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%; SAME ORIENT AS 11									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	URSA-MINOR-GALAXY-2	RA: 15 10 23.1446 (227.5964358d) Dec: +67 18 49.86 (67.31385d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 77.5477 195582383,5.712405 756186209; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (62)	568 Secs (568 Secs) [==>]	[1]
	2	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (62)	508 Secs (508 Secs) [==>]	[1]
	3	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 77.7347 9955823831,5.14600 5756186209		568 Secs (568 Secs) [==>]	[1]
	4	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 77.6412 595582383,5.429205 756186209	Prime + Parallel Group 4-5 in Tile V1 (62)	664 Secs (664 Secs) [==>]	[1]
	5	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (62)	573 Secs (573 Secs) [==>]	[1]
	6	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 77.6954 695582383,5.613565 756186209	Prime + Parallel Group 6-7 in Tile V1 (62)	664 Secs (664 Secs) [==>]	[1]
	7	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (62)	538 Secs (538 Secs) [==>]	[1]



Proposal 13470 - Tile V1 (59) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:35 GMT 2013

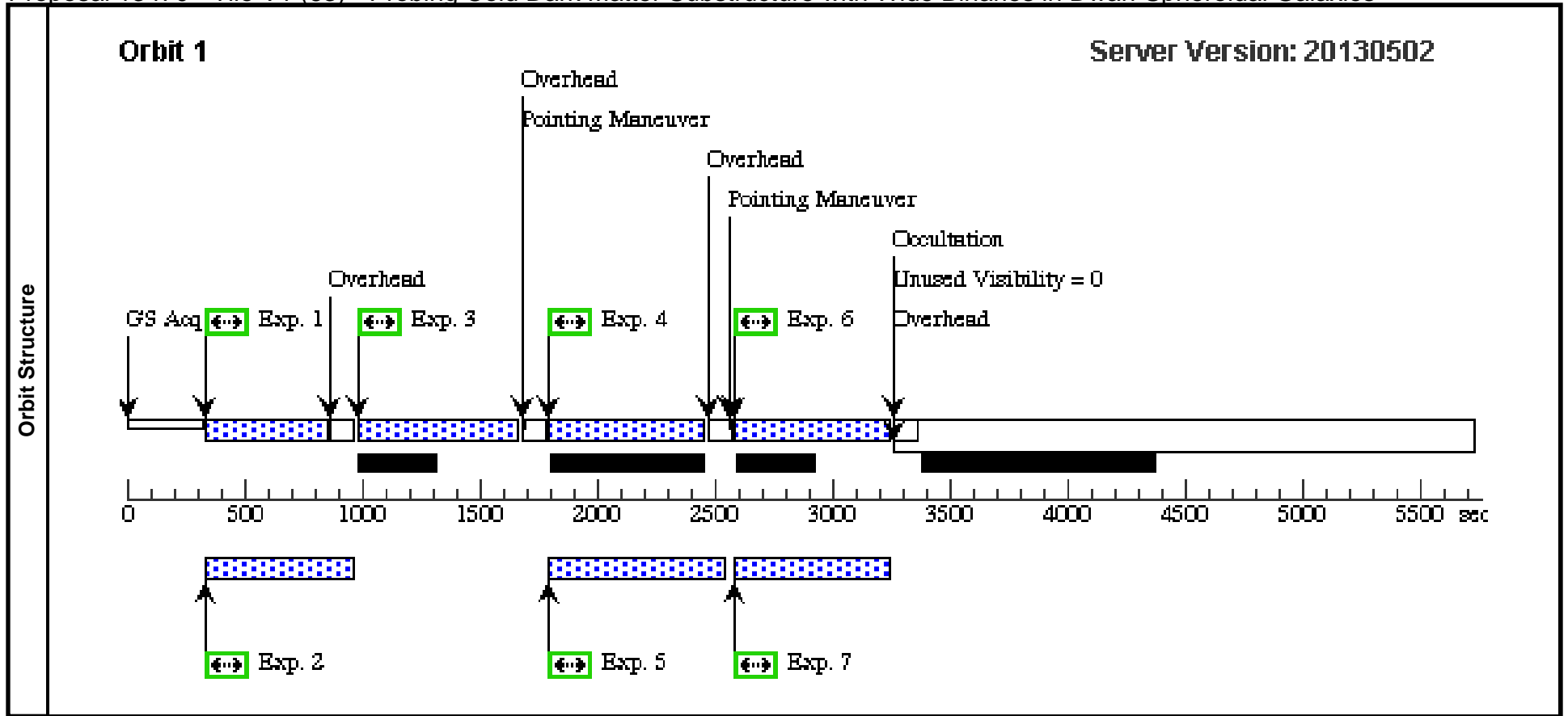
Visit	Proposal 13470, Tile V1 (59) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%; ORIENT 7D TO 7 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	URSA-MINOR-GALAXY-2	RA: 15 10 23.1446 (227.5964358d) Dec: +67 18 49.86 (67.31385d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -82.734 79955823828,-10.14 600575618621; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (59)	488 Secs (488 Secs) [==>]	[1]
	2	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (59)	428 Secs (428 Secs) [==>]	[1]
	3	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -82.734 79955823828,-10.14 600575618621		664 Secs (664 Secs) [==>]	[1]
	4	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -82.641 25955823827,-10.42 9205756186208	Prime + Parallel Group 4-5 in Tile V1 (59)	664 Secs (664 Secs) [==>]	[1]
	5	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (59)	573 Secs (573 Secs) [==>]	[1]
	6	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -82.599 15955823827,-10.24 4845756186209	Prime + Parallel Group 6-7 in Tile V1 (59)	664 Secs (664 Secs) [==>]	[1]
	7	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (59)	538 Secs (538 Secs) [==>]	[1]



Proposal 13470 - Tile V1 (63) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:36 GMT 2013

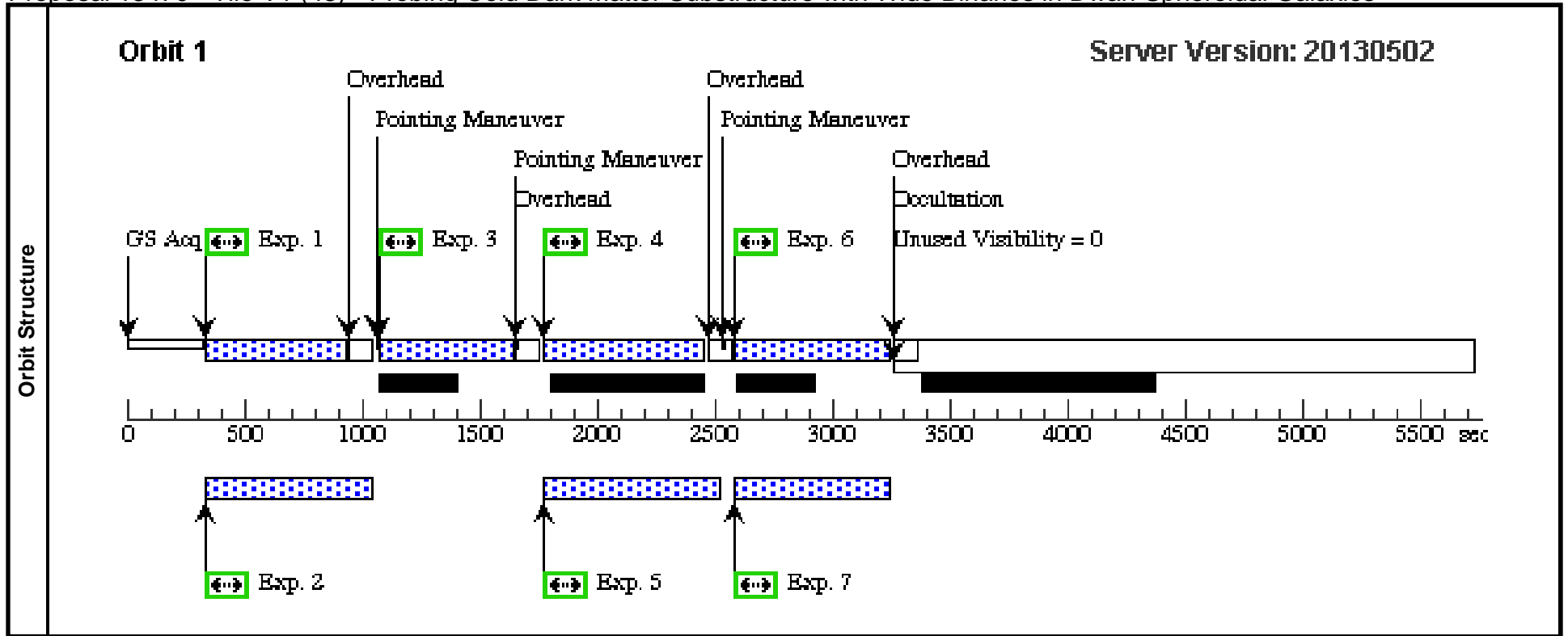
Visit	Proposal 13470, Tile V1 (63) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%; SAME ORIENT AS 59									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	URSA-MINOR-GALAXY-2	RA: 15 10 23.1446 (227.5964358d) Dec: +67 18 49.86 (67.31385d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 72.5477 195582383,0.712405 7561862092; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (63)	488 Secs (488 Secs) [==>]	[1]
	2	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (63)	428 Secs (428 Secs) [==>]	[1]
	3	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 72.5477 195582383,0.712405 7561862092		664 Secs (664 Secs) [==>]	[1]
	4	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 72.6412 595582383,0.429205 75618620926	Prime + Parallel Group 4-5 in Tile V1 (63)	664 Secs (664 Secs) [==>]	[1]
	5	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (63)	573 Secs (573 Secs) [==>]	[1]
	6	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 72.6833 5955823831,0.61356 57561862091	Prime + Parallel Group 6-7 in Tile V1 (63)	664 Secs (664 Secs) [==>]	[1]
	7	(2) URSA-MINOR-GALAXY-2	(2) URSA-MINOR-GALAXY-2	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (63)	538 Secs (538 Secs) [==>]	[1]



Proposal 13470 - Tile V1 (48) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:36 GMT 2013

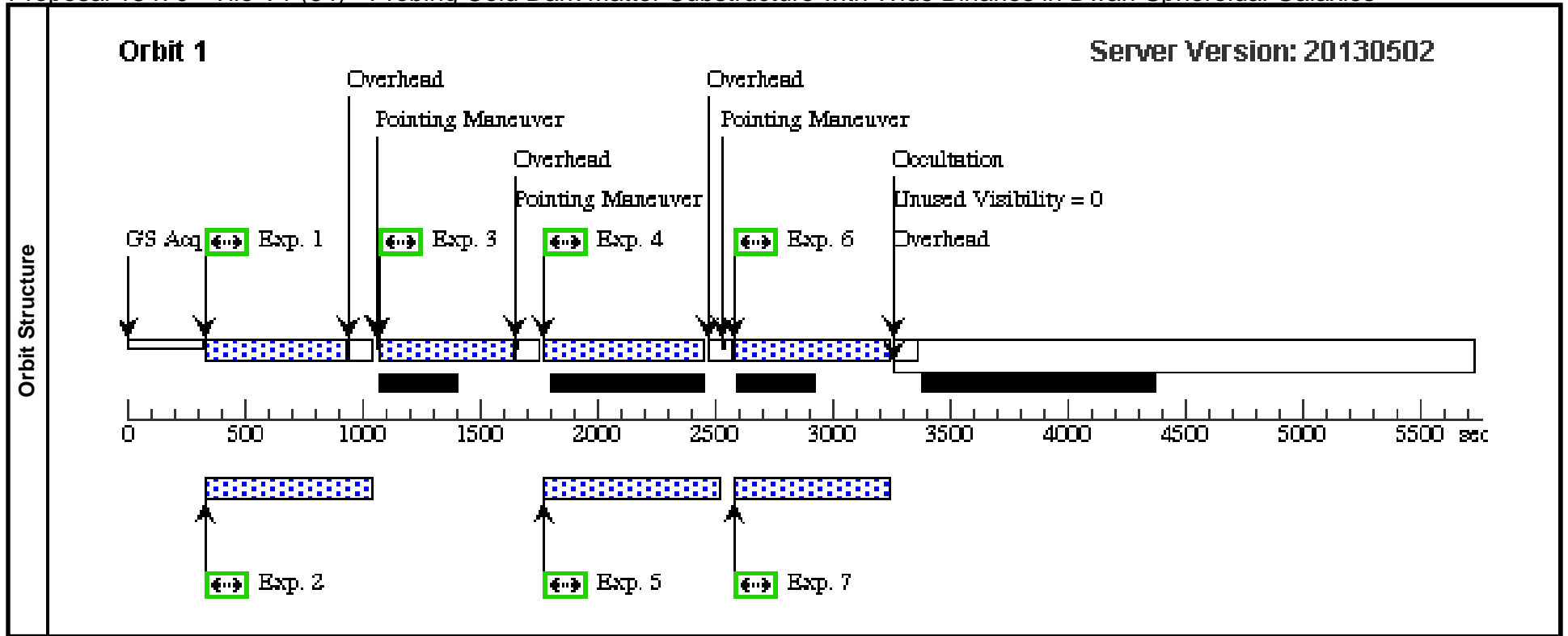
Visit	Proposal 13470, Tile V1 (48) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%: ORIENT 185.18D TO 185.18 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	URSA-MINOR-GALAXY-3	RA: 15 07 33.3100 (226.8887917d) Dec: +67 05 6.72 (67.08520d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -77.734 79955823828,-5.146 00575618621	Prime + Parallel Group 1-2 in Tile V1 (48)	568 Secs (568 Secs) [==>]	[1]
	2	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (48)	508 Secs (508 Secs) [==>]	[1]
	3	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -77.547 71955823827,-5.712 40575618621		568 Secs (568 Secs) [==>]	[1]
	4	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -77.641 25955823827,-5.429 20575618621	Prime + Parallel Group 4-5 in Tile V1 (48)	664 Secs (664 Secs) [==>]	[1]
	5	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (48)	573 Secs (573 Secs) [==>]	[1]
	6	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -77.587 04955823828,-5.244 84575618621	Prime + Parallel Group 6-7 in Tile V1 (48)	664 Secs (664 Secs) [==>]	[1]
	7	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (48)	538 Secs (538 Secs) [==>]	[1]



Proposal 13470 - Tile V1 (64) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:37 GMT 2013

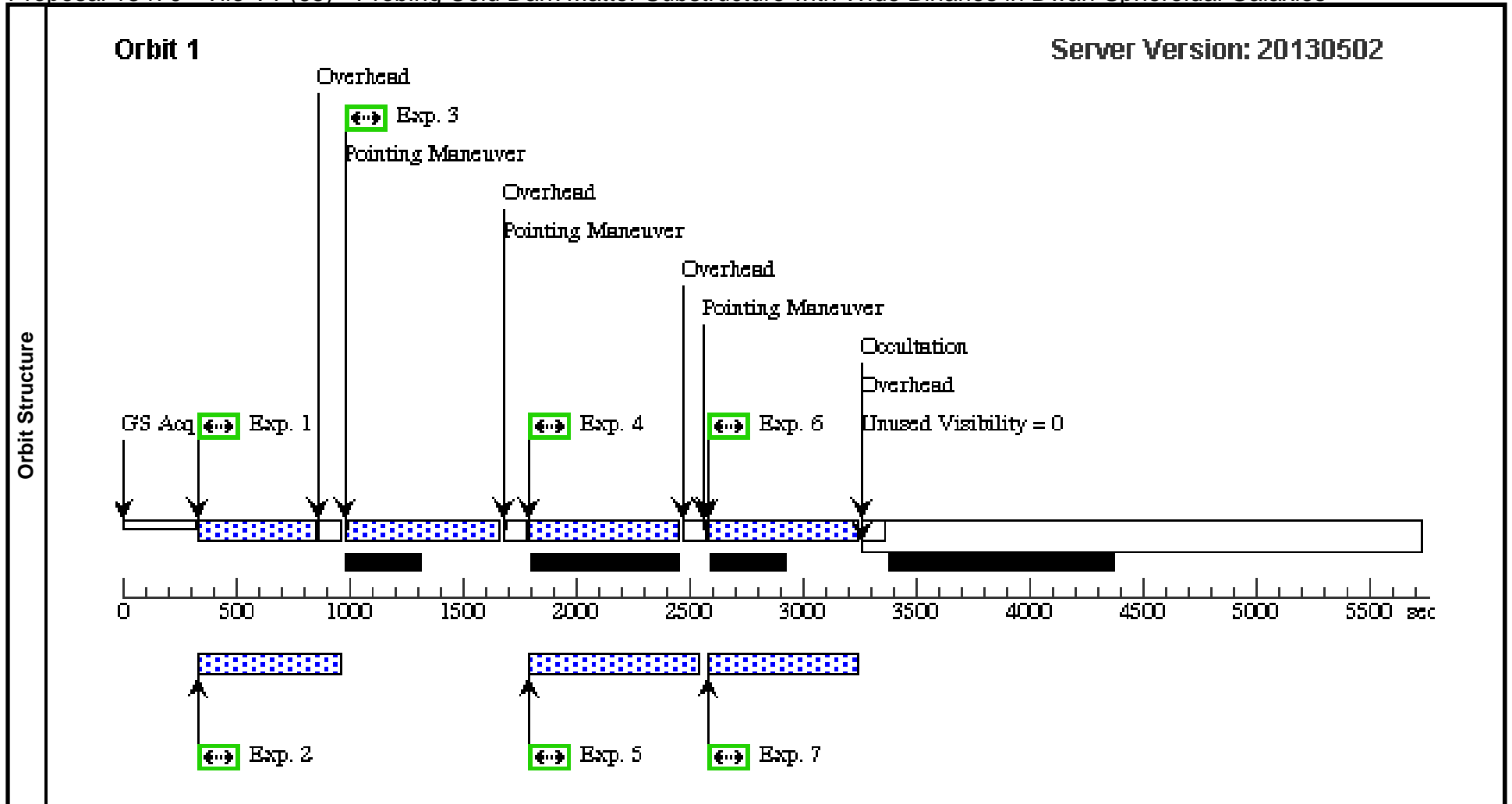
Visit	Proposal 13470, Tile V1 (64) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%; SAME ORIENT AS 48									
	Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (3) URSA-MINOR-GALAXY-3 RA: 15 07 33.3100 (226.8887917d) Dec: +67 05 6.72 (67.08520d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> V=11.9 L=3.9 x 10 ⁵ Lsun, V Reference Frame: SIMBAD								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	POS TARG 77.5477 195582383,5.712405 756186209	Prime + Parallel Group 1-2 in Tile V1 (64)	568 Secs (568 Secs) [==>]	[1]		
	2	(3) URSA-MINOR-GALAXY-3	ACS/WFC, ACCUM, WFC	F814W	Prime + Parallel Group 1-2 in Tile V1 (64)	508 Secs (508 Secs) [==>]	[1]			
	3	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	POS TARG 77.7347 9955823831,5.14600 5756186209	Prime + Parallel Group 1-2 in Tile V1 (64)	568 Secs (568 Secs) [==>]	[1]		
	4	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	POS TARG 77.6412 595582383,5.429205 756186209	Prime + Parallel Group 4-5 in Tile V1 (64)	664 Secs (664 Secs) [==>]	[1]		
	5	(3) URSA-MINOR-GALAXY-3	ACS/WFC, ACCUM, WFC	F606W	Prime + Parallel Group 4-5 in Tile V1 (64)	573 Secs (573 Secs) [==>]	[1]			
	6	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	POS TARG 77.6954 695582383,5.613565 756186209	Prime + Parallel Group 6-7 in Tile V1 (64)	664 Secs (664 Secs) [==>]	[1]		
	7	(3) URSA-MINOR-GALAXY-3	ACS/WFC, ACCUM, WFC	F606W	Prime + Parallel Group 6-7 in Tile V1 (64)	538 Secs (538 Secs) [==>]	[1]			



Proposal 13470 - Tile V1 (65) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:38 GMT 2013

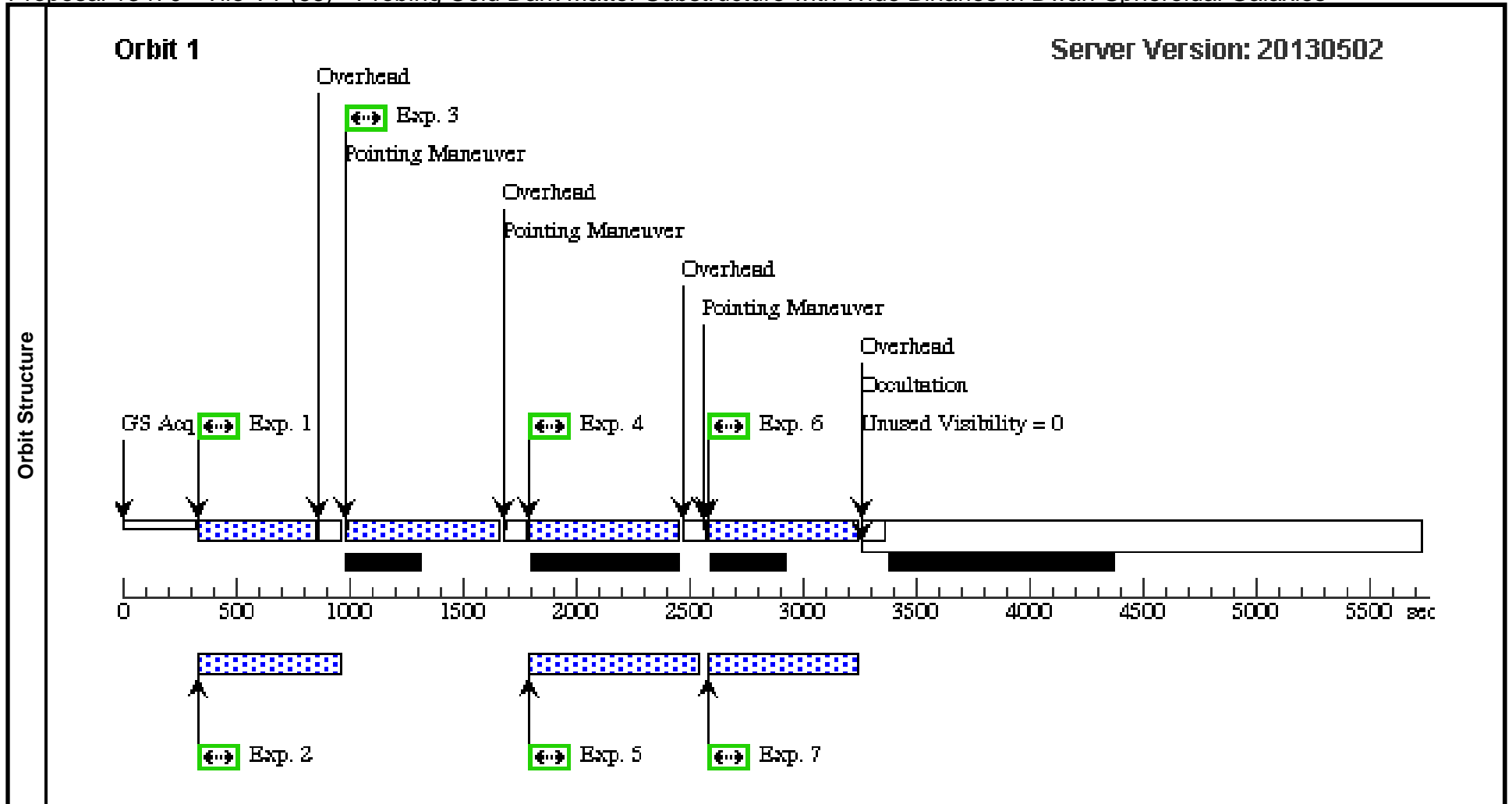
Visit	Proposal 13470, Tile V1 (65) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%: ORIENT 185.18D TO 185.18 D																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>URSA-MINOR-GALAXY-3</td> <td>RA: 15 07 33.3100 (226.8887917d) Dec: +67 05 6.72 (67.08520d) Equinox: J2000</td> <td></td> <td>V=11.9 L=3.9 x 10⁵ Lsun, V</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)	URSA-MINOR-GALAXY-3	RA: 15 07 33.3100 (226.8887917d) Dec: +67 05 6.72 (67.08520d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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)	URSA-MINOR-GALAXY-3	RA: 15 07 33.3100 (226.8887917d) Dec: +67 05 6.72 (67.08520d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -82.734 79955823828,-10.14 600575618621	Prime + Parallel Group 1-2 in Tile V1 (65)	488 Secs (488 Secs) [==>]	[1]																		
	2	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (65)	428 Secs (428 Secs) [==>]	[1]																		
	3	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -83.576 65955823828,-10.14 600575618621		664 Secs (664 Secs) [==>]	[1]																		
	4	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -82.641 25955823827,-10.42 9205756186208	Prime + Parallel Group 4-5 in Tile V1 (65)	664 Secs (664 Secs) [==>]	[1]																		
	5	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (65)	573 Secs (573 Secs) [==>]	[1]																		
	6	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -82.587 04955823828,-10.24 4845756186209	Prime + Parallel Group 6-7 in Tile V1 (65)	664 Secs (664 Secs) [==>]	[1]																		
	7	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (65)	538 Secs (538 Secs) [==>]	[1]																		



Proposal 13470 - Tile V1 (66) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:38 GMT 2013

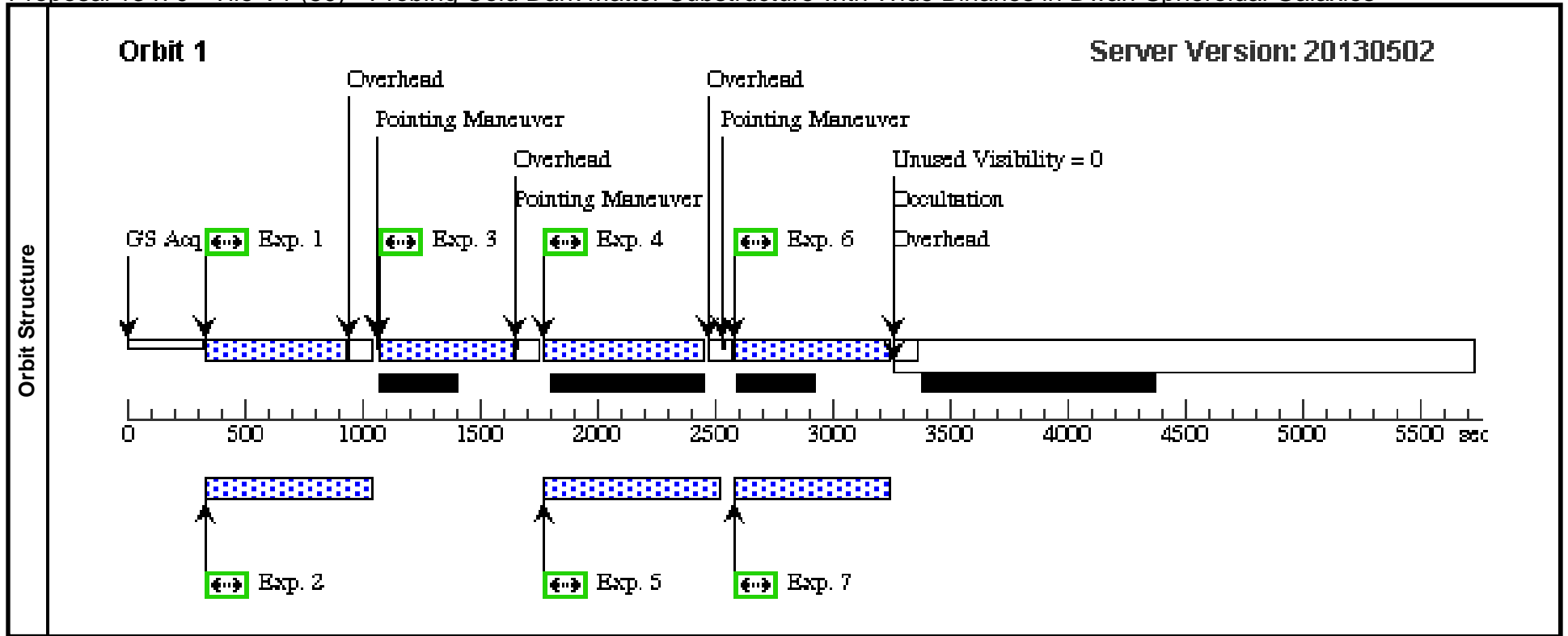
Visit	Proposal 13470, Tile V1 (66) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%; SAME ORIENT AS 65																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>URSA-MINOR-GALAXY-3</td> <td>RA: 15 07 33.3100 (226.8887917d) Dec: +67 05 6.72 (67.08520d) Equinox: J2000</td> <td></td> <td>V=11.9 L=3.9 x 10⁵ Lsun, V</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)	URSA-MINOR-GALAXY-3	RA: 15 07 33.3100 (226.8887917d) Dec: +67 05 6.72 (67.08520d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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)	URSA-MINOR-GALAXY-3	RA: 15 07 33.3100 (226.8887917d) Dec: +67 05 6.72 (67.08520d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 72.5477 195582383,0.712405 7561862092	Prime + Parallel Group 1-2 in Tile V1 (66)	488 Secs (488 Secs) [==>]	[1]																		
	2	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (66)	428 Secs (428 Secs) [==>]	[1]																		
	3	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 71.7058 595582383,0.712405 7561862092		664 Secs (664 Secs) [==>]	[1]																		
	4	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 72.6412 595582383,0.429205 75618620926	Prime + Parallel Group 4-5 in Tile V1 (66)	664 Secs (664 Secs) [==>]	[1]																		
	5	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (66)	573 Secs (573 Secs) [==>]	[1]																		
	6	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 72.6954 695582383,0.613565 7561862091	Prime + Parallel Group 6-7 in Tile V1 (66)	664 Secs (664 Secs) [==>]	[1]																		
	7	(3) URSA-MINOR-GALAXY-3	(3) URSA-MINOR-GALAXY-3	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (66)	538 Secs (538 Secs) [==>]	[1]																		



Proposal 13470 - Tile V1 (50) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:39 GMT 2013

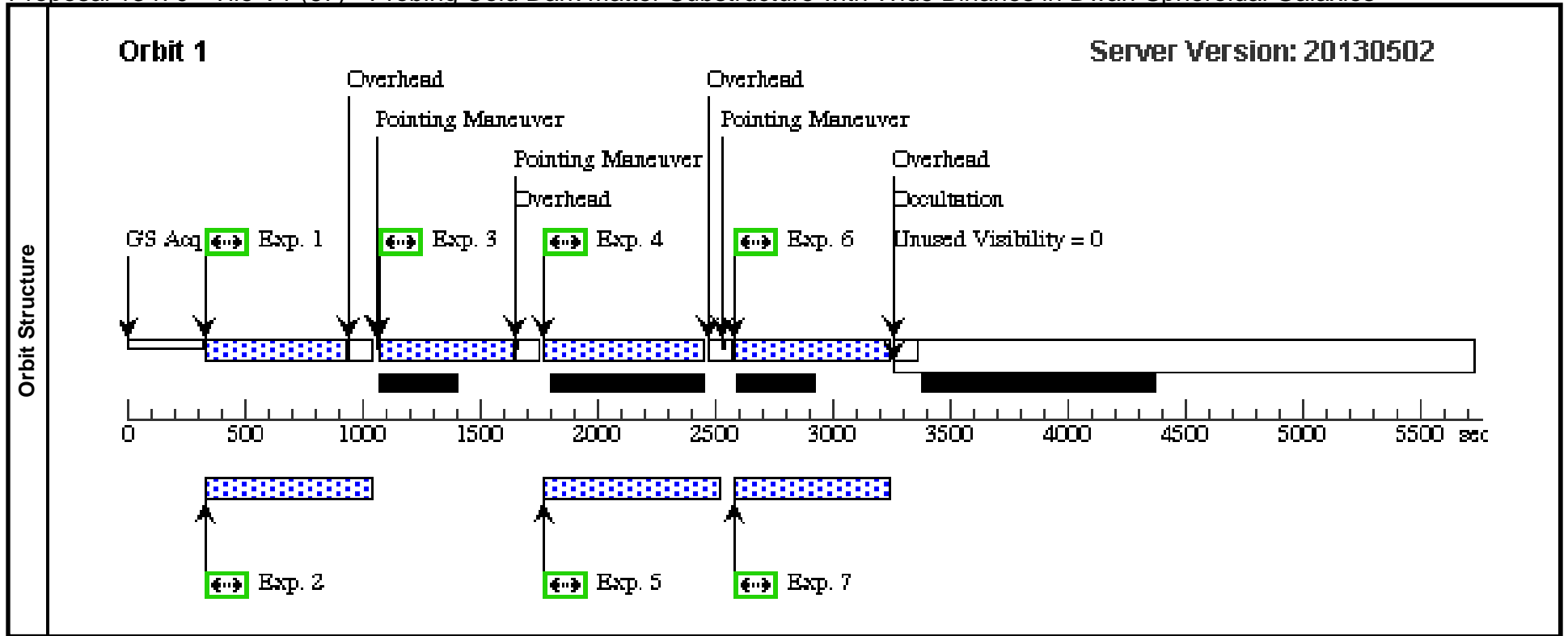
Visit	Proposal 13470, Tile V1 (50) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%; ORIENT 195.15D TO 195.15 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	URSA-MINOR-GALAXY-4	RA: 15 07 53.6070 (226.9733625d) Dec: +67 06 55.26 (67.11535d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -77.734 79955823828,-5.146 005756186209; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (50)	568 Secs (568 Secs) [==>]	[1]
	2	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (50)	508 Secs (508 Secs) [==>]	[1]
	3	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -77.547 71955823827,-5.712 405756186209		568 Secs (568 Secs) [==>]	[1]
	4	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -77.641 25955823827,-5.429 205756186209	Prime + Parallel Group 4-5 in Tile V1 (50)	664 Secs (664 Secs) [==>]	[1]
	5	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (50)	573 Secs (573 Secs) [==>]	[1]
	6	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -77.587 04955823828,-5.244 845756186209	Prime + Parallel Group 6-7 in Tile V1 (50)	664 Secs (664 Secs) [==>]	[1]
	7	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (50)	538 Secs (538 Secs) [==>]	[1]



Proposal 13470 - Tile V1 (67) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:40 GMT 2013

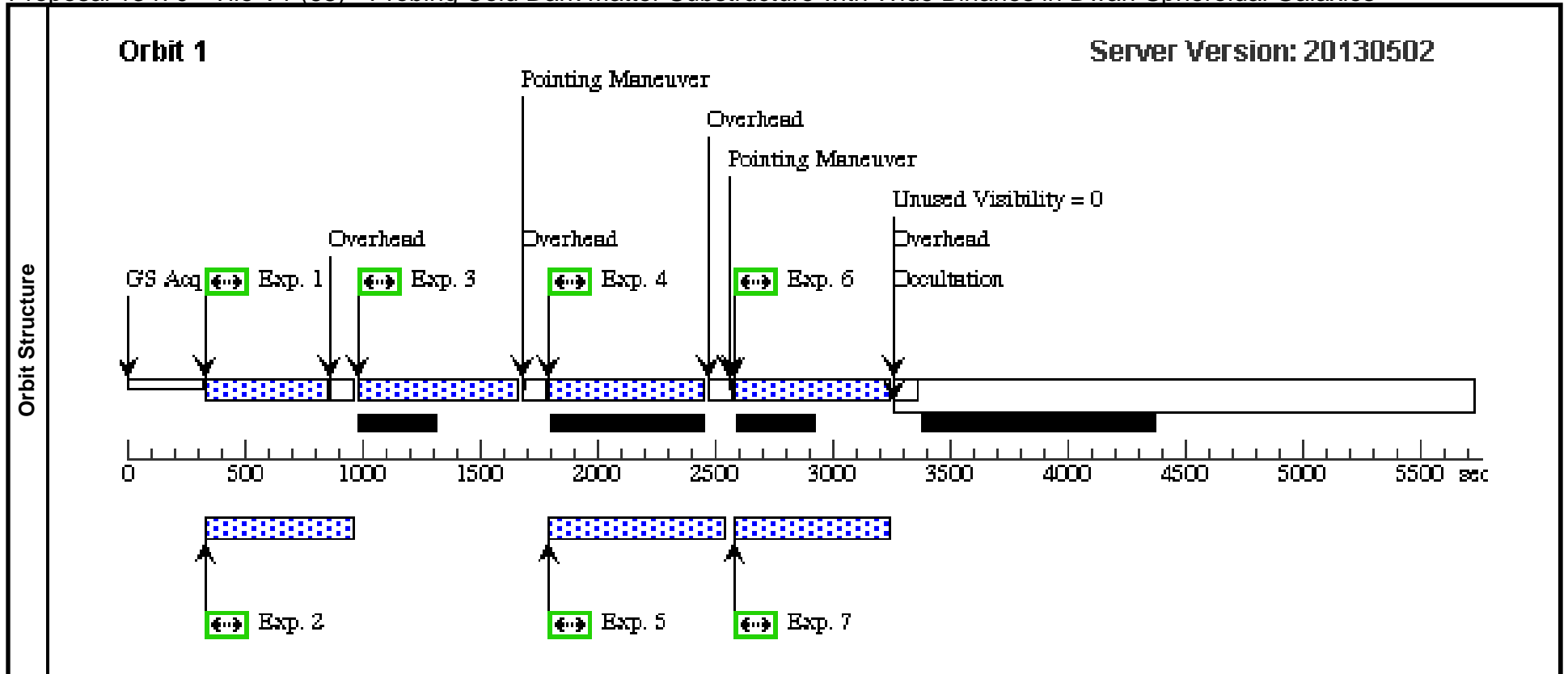
Visit	Proposal 13470, Tile V1 (67) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%; SAME ORIENT AS 50									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	URSA-MINOR-GALAXY-4	RA: 15 07 53.6070 (226.9733625d) Dec: +67 06 55.26 (67.11535d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 77.5477 195582383,5.712405 756186209; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (67)	568 Secs (568 Secs) [==>]	[1]
	2	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (67)	508 Secs (508 Secs) [==>]	[1]
	3	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 77.7347 9955823831,5.14600 5756186209		568 Secs (568 Secs) [==>]	[1]
	4	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 77.6412 595582383,5.429205 756186209	Prime + Parallel Group 4-5 in Tile V1 (67)	664 Secs (664 Secs) [==>]	[1]
	5	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (67)	573 Secs (573 Secs) [==>]	[1]
	6	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 77.6954 695582383,5.613565 756186209	Prime + Parallel Group 6-7 in Tile V1 (67)	664 Secs (664 Secs) [==>]	[1]
	7	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (67)	538 Secs (538 Secs) [==>]	[1]



Proposal 13470 - Tile V1 (68) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:40 GMT 2013

Visit	Proposal 13470, Tile V1 (68) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%; ORIENT 185.18D TO 185.18 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	URSA-MINOR-GALAXY-4	RA: 15 07 53.6070 (226.9733625d) Dec: +67 06 55.26 (67.11535d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG -72.734 79955823828,-0.146 00575618620937; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (68)	488 Secs (488 Secs) [==>]	[1]
	2	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (68)	428 Secs (428 Secs) [==>]	[1]
	3	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -72.734 79955823828,-0.146 00575618620937		664 Secs (664 Secs) [==>]	[1]
	4	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -72.641 25955823827,-0.429 20575618620926	Prime + Parallel Group 4-5 in Tile V1 (68)	664 Secs (664 Secs) [==>]	[1]
	5	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (68)	573 Secs (573 Secs) [==>]	[1]
	6	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -72.587 15955823827,-0.244 8457561862094	Prime + Parallel Group 6-7 in Tile V1 (68)	664 Secs (664 Secs) [==>]	[1]
	7	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (68)	538 Secs (538 Secs) [==>]	[1]



Proposal 13470 - Tile V1 (69) - Probing Cold Dark Matter Substructure with Wide Binaries in Dwarf Spheroidal Galaxies

Wed Aug 14 01:46:41 GMT 2013

Visit	Proposal 13470, Tile V1 (69) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 70%; SAME ORIENT AS 68									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	URSA-MINOR-GALAXY-4	RA: 15 07 53.6070 (226.9733625d) Dec: +67 06 55.26 (67.11535d) Equinox: J2000		V=11.9 L=3.9 x 10 ⁵ Lsun, V	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) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W		POS TARG 82.5477 195582383,10.71240 5756186207; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Tile V1 (69)	488 Secs (488 Secs) [==>]	[1]
	2	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Tile V1 (69)	428 Secs (428 Secs) [==>]	[1]
	3	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 82.5477 195582383,10.71240 5756186207		664 Secs (664 Secs) [==>]	[1]
	4	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 82.6412 595582383,10.42920 5756186207	Prime + Parallel Group 4-5 in Tile V1 (69)	664 Secs (664 Secs) [==>]	[1]
	5	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 4-5 in Tile V1 (69)	573 Secs (573 Secs) [==>]	[1]
	6	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 82.6953 5955823831,10.6135 65756186206	Prime + Parallel Group 6-7 in Tile V1 (69)	664 Secs (664 Secs) [==>]	[1]
	7	(4) URSA-MINOR-GALAXY-4	(4) URSA-MINOR-GALAXY-4	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 6-7 in Tile V1 (69)	538 Secs (538 Secs) [==>]	[1]

