



13686 - The Longest Period Cepheids, a bridge to the Hubble Constant

Cycle: 22, Proposal Category: GO

(Availability Mode: AVAILABLE)

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>
09	(7) V-RY-SCO	WFC3/UVIS	1	16-May-2015 21:00:50.0	yes
05	(5) V-YZ-CAR	WFC3/IR WFC3/UVIS	1	16-May-2015 21:00:54.0	yes
07	(6) V-VY-CAR	WFC3/IR WFC3/UVIS	1	16-May-2015 21:00:58.0	yes
13	(8) V-WZ-SGR (9) V-WZ-SGR-OFF	WFC3/UVIS	1	16-May-2015 21:01:01.0	yes
14	(2) V-KN-CEN	WFC3/IR WFC3/UVIS	1	16-May-2015 21:01:05.0	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>
15	(2) V-KN-CEN	WFC3/IR WFC3/UVIS	1	16-May-2015 21:01:09.0	yes
16	(7) V-RY-SCO	WFC3/IR WFC3/UVIS	1	16-May-2015 21:01:12.0	yes
17	(1) V-S-VUL	WFC3/IR WFC3/UVIS	1	16-May-2015 21:01:15.0	yes
18	(1) V-S-VUL	WFC3/IR WFC3/UVIS	1	16-May-2015 21:01:19.0	yes
19	(5) V-YZ-CAR	WFC3/IR WFC3/UVIS	1	16-May-2015 21:01:22.0	yes
20	(6) V-VY-CAR	WFC3/IR WFC3/UVIS	1	16-May-2015 21:01:26.0	yes
21	(3) V-X-PUP (4) V-X-PUP-OFF	WFC3/IR WFC3/UVIS	1	16-May-2015 21:01:29.0	yes
22	(3) V-X-PUP (4) V-X-PUP-OFF	WFC3/IR WFC3/UVIS	1	16-May-2015 21:01:31.0	yes
23	(8) V-WZ-SGR (9) V-WZ-SGR-OFF	WFC3/IR WFC3/UVIS	1	16-May-2015 21:01:34.0	yes

14 Total Orbits Used

ABSTRACT

An independent measurement of the Hubble Constant with 1-2% precision offers enormous leverage for resolving outstanding cosmological investigations including the the precise geometry of space, the properties of the elusive neutrinos, and the nature of dark energy. It would contribute the equivalent of nearly doubling the size of other near term cosmological surveys like DES, BOSS and Pan-STARRS. We are building a new distance ladder to double the current precision of the Hubble constant to <2% by attacking the largest unaddressed obstacle to its determination, the lack of parallaxes of long period Milky Way Cepheids. We have developed a new technique to measure relative astrometry of bright stars and their parallaxes with WFC3 using spatial scanning, improving upon the previous best relative astrometry with the HST FGS by an order of magnitude to reach distances of 1-4 kiloparsecs. A new scanning mode, serpentine spatial scan, is available in Cycle 21. It allows us to avoid saturating

Proposal 13686 (STScI Edit Number: 4, Created: Saturday, May 16, 2015 8:01:36 PM EST) - Overview

observations of Milky Way Cepheids with $P > 25$ days which would otherwise be too bright. Measuring the luminosities of these Cepheids is vital to calibrating their analogues visible to HST in distant galaxies which host type Ia supernovae. With Planck CMB data already in hand, this new measurement of the Hubble constant will more than double the precision of the dark energy equation of state, may reveal a new species of neutrino, and would further HST's legacy in the measurement of the Hubble constant, a task for which it was launched.

Proposal 13686 - rysco - visit 1 (09) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sun May 17 01:01:36 GMT 2015

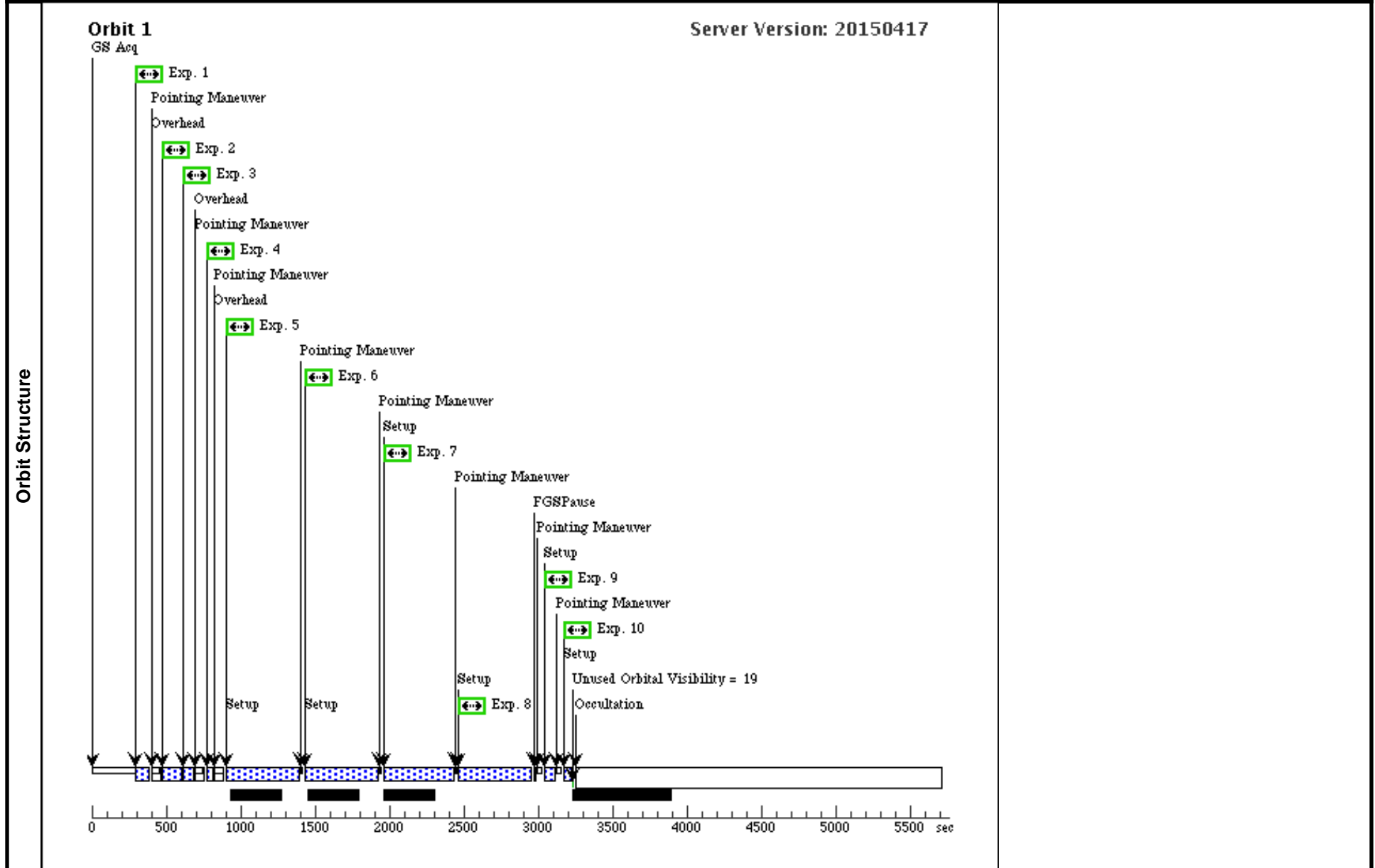
Visit	<p>Proposal 13686, rysco - visit 1 (09), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: ORIENT 113D TO 113 D; BETWEEN 13-SEP-2014 AND 21-SEP-2014</p> <p><i>Comments: same guide stars, orient used in 13334, visit 09</i></p>					
Diagnostics	<p>(rysko - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysko - visit 1 (09)) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT</p> <p>(rysko - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysko - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysko - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysko - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysko - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysko - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	V-RY-SCO	RA: 17 50 52.3433 (267.7180971d) Dec: -33 42 20.42 (-33.70567d) Equinox: J2000		V=8.19	Reference Frame: SIMBAD
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					

Proposal 13686 - rysco - visit 1 (09) - The Longest Period Cepheids, a bridge to the Hubble Constant

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F410M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GSPAIR S8GZ0002 01F1S8GZ077239F2	Sequence 1-10 Non-Int in rysco - visit 1 (09) Same Obset in Sequence 1-10 Non-Int in rysco - visit 1 (09)	60 Secs (60 Secs) [==>]	[1]
	2	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F410M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARIO BASE1B3	Sequence 1-10 Non-Int in rysco - visit 1 (09) Same Obset in Sequence 1-10 Non-Int in rysco - visit 1 (09)	60 Secs (60 Secs) [==>]	[1]
	3	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARIO BASE1B3	Sequence 1-10 Non-Int in rysco - visit 1 (09) Same Obset in Sequence 1-10 Non-Int in rysco - visit 1 (09)	45 Secs (45 Secs) [==>]	[1]
	4	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARIO BASE1B3	Sequence 1-10 Non-Int in rysco - visit 1 (09) Same Obset in Sequence 1-10 Non-Int in rysco - visit 1 (09)	45 Secs (45 Secs) [==>]	[1]
	5	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.41,90.05 Degrees,Forward	Sequence 1-10 Non-Int in rysco - visit 1 (09) Same Obset in Sequence 1-10 Non-Int in rysco - visit 1 (09)	350 Secs (350 Secs) [==>]	[1]
	6	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG -3,-75; SPATIAL SCAN 0.43,90.05 Degrees,Reverse	Sequence 1-10 Non-Int in rysco - visit 1 (09) Same Obset in Sequence 1-10 Non-Int in rysco - visit 1 (09)	350 Secs (350 Secs) [==>]	[1]
	7	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG -3,-68; SPATIAL SCAN 0.389,90.05 Degrees,Forward	Sequence 1-10 Non-Int in rysco - visit 1 (09) Same Obset in Sequence 1-10 Non-Int in rysco - visit 1 (09)	350 Secs (350 Secs) [==>]	[1]
	8	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.41,90.05 Degrees,Reverse	Sequence 1-10 Non-Int in rysco - visit 1 (09) Same Obset in Sequence 1-10 Non-Int in rysco - visit 1 (09)	350 Secs (350 Secs) [==>]	[1]
	9	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	BLADE=A	POS TARG -3,-4.0; SPATIAL SCAN 4.0,90.05 Degrees,Reverse; EXP PCS MODE GYRO	Sequence 1-10 Non-Int in rysco - visit 1 (09) Same Obset in Sequence 1-10 Non-Int in rysco - visit 1 (09)	2.0 Secs (2 Secs) [==>]	[1]

Proposal 13686 - rysco - visit 1 (09) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W	BLADE=A	POS TARG -3,-4.0; SPATIAL SCAN 4.0 ,90.05 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in rysco - visit 1 (09) Same Obset in Sequence 1-10 Non-Int in rysco - visit 1 (09)	2.0 Secs (2 Secs) [==>]	[1]
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Proposal 13686 - yzcar- visit 1 (05) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sun May 17 01:01:37 GMT 2015

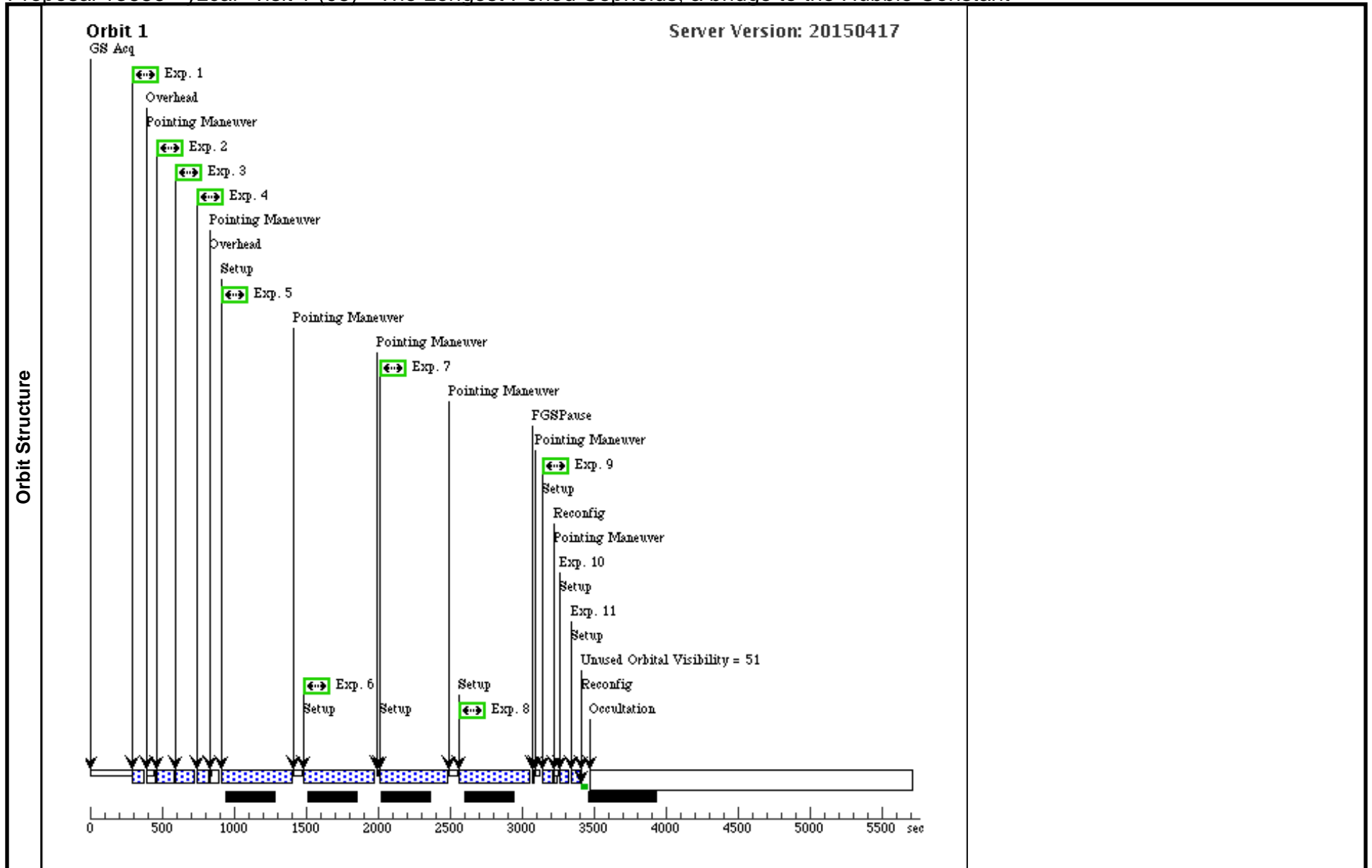
Visit	<p>Proposal 13686, yzcar- visit 1 (05), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 152.0D TO 152.0 D; BETWEEN 05-JUL-2014 AND 30-JUL-2014</p>																		
Diagnostics	<p>(yzcar- visit 1 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(yzcar- visit 1 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(yzcar- visit 1 (05)) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT</p> <p>(yzcar- visit 1 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(yzcar- visit 1 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(yzcar- visit 1 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>																		
Fixed Targets	<table border="1"> <thead> <tr> <th data-bbox="142 418 178 446">#</th> <th data-bbox="247 418 325 446">Name</th> <th data-bbox="485 418 682 446">Target Coordinates</th> <th data-bbox="913 418 1165 446">Targ. Coord. Corrections</th> <th data-bbox="1318 418 1396 446">Fluxes</th> <th data-bbox="1612 418 1753 446">Miscellaneous</th> </tr> </thead> <tbody> <tr> <td data-bbox="142 451 178 479">(5)</td> <td data-bbox="247 451 367 479">V-YZ-CAR</td> <td data-bbox="485 451 808 544"> RA: 10 28 16.8469 (157.0701954d) Dec: -59 21 0.67 (-59.35019d) Equinox: J2000 </td> <td data-bbox="913 451 1165 479"></td> <td data-bbox="1318 451 1396 479">V=8.69</td> <td data-bbox="1612 451 1858 479">Reference Frame: SIMBAD</td> </tr> <tr> <td colspan="6" data-bbox="142 548 1018 576"><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)	V-YZ-CAR	RA: 10 28 16.8469 (157.0701954d) Dec: -59 21 0.67 (-59.35019d) Equinox: J2000		V=8.69	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)	V-YZ-CAR	RA: 10 28 16.8469 (157.0701954d) Dec: -59 21 0.67 (-59.35019d) Equinox: J2000		V=8.69	Reference Frame: SIMBAD														
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>																			

Proposal 13686 - yzcar- visit 1 (05) - The Longest Period Cepheids, a bridge to the Hubble Constant

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GSPAIR S4AZ0007 65F1S4AX000763F3 ; GS ACQ SCENARI O BASE1B3	Sequence 1-11 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-11 Non-Int in yzcar- visit 1 (05)	50 Secs (50 Secs) [==>]	[1]
	2	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-11 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-11 Non-Int in yzcar- visit 1 (05)	50 Secs (50 Secs) [==>]	[1]
	3	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-11 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-11 Non-Int in yzcar- visit 1 (05)	40 Secs (40 Secs) [==>]	[1]
	4	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-11 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-11 Non-Int in yzcar- visit 1 (05)	60 Secs (60 Secs) [==>]	[1]
	5	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-11 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-11 Non-Int in yzcar- visit 1 (05)	350 Secs (350 Secs) [==>]	[1]
	6	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -5,-71; SPATIAL SCAN 0.8 6,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-11 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-11 Non-Int in yzcar- visit 1 (05)	350 Secs (350 Secs) [==>]	[1]
	7	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -5,-71; SPATIAL SCAN 0.8 6,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-11 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-11 Non-Int in yzcar- visit 1 (05)	350 Secs (350 Secs) [==>]	[1]
	8	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-11 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-11 Non-Int in yzcar- visit 1 (05)	350 Secs (350 Secs) [==>]	[1]
	9	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	BLADE=A	POS TARG -3,-4.0; SPATIAL SCAN 4.0 90.05 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-11 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-11 Non-Int in yzcar- visit 1 (05)	2.0 Secs (2 Secs) [==>]	[1]

Proposal 13686 - yzcar- visit 1 (05) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(5) V-YZ-CAR	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-65; SPATIAL SCAN 7.5 ,90.0 Degrees,Forwa rd; EXP PCS MODE G YRO	Sequence 1-11 Non-I nt in yzcar- visit 1 (0 5) Same Obset in Seque nce 1-11 Non-Int in yzcar- visit 1 (05)	10.236324 Secs (10.236 Secs) [==>]	[1]
11	(5) V-YZ-CAR	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-65; SPATIAL SCAN 7.5 ,90.0 Degrees,Revers e; EXP PCS MODE G YRO	Sequence 1-11 Non-I nt in yzcar- visit 1 (0 5) Same Obset in Seque nce 1-11 Non-Int in yzcar- visit 1 (05)	10.236324 Secs (10.236 Secs) [==>]	[1]



Proposal 13686 - vycar- visit 1 (07) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sun May 17 01:01:37 GMT 2015

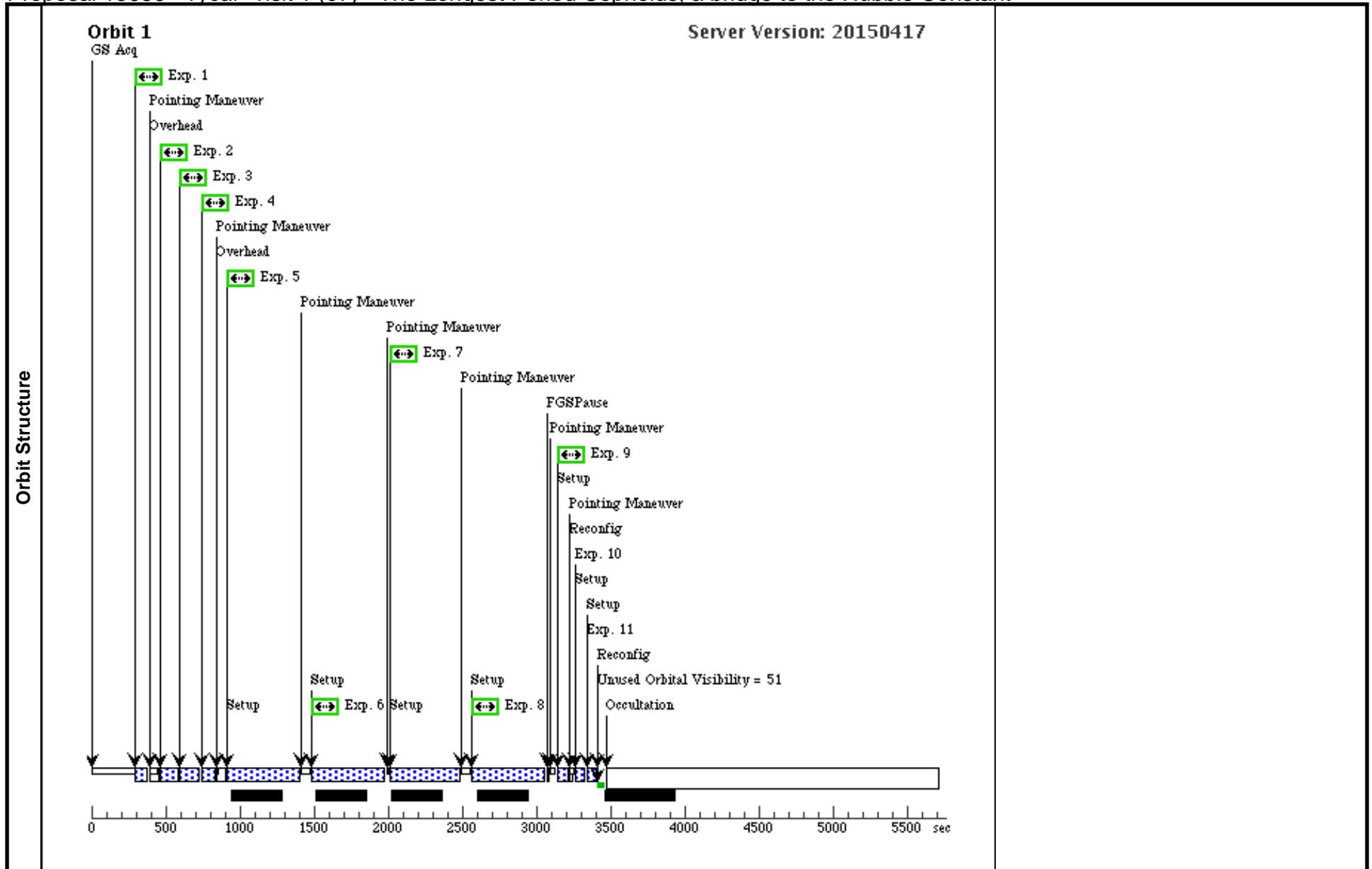
Visit	<p>Proposal 13686, vycar- visit 1 (07), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 147D TO 147 D; BETWEEN 07-JUL-2014 AND 30-JUL-2014</p> <p><i>Comments: same guide stars, orient used in 13334, visit 07</i></p>																		
Diagnostics	<p>(vycar- visit 1 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(vycar- visit 1 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(vycar- visit 1 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(vycar- visit 1 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(vycar- visit 1 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(vycar- visit 1 (07)) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT</p>																		
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>V-VY-CAR</td> <td>RA: 10 44 32.6912 (161.1362133d) Dec: -57 33 55.32 (-57.56537d) Equinox: J2000</td> <td></td> <td>V=7.03</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)	V-VY-CAR	RA: 10 44 32.6912 (161.1362133d) Dec: -57 33 55.32 (-57.56537d) Equinox: J2000		V=7.03	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)	V-VY-CAR	RA: 10 44 32.6912 (161.1362133d) Dec: -57 33 55.32 (-57.56537d) Equinox: J2000		V=7.03	Reference Frame: SIMBAD														
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>																			

Proposal 13686 - vycar- visit 1 (07) - The Longest Period Cepheids, a bridge to the Hubble Constant

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GSPAIR S4C700077 5F1S4C7001113F2	Sequence 1-11 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-11 Non-Int in vycar- visit 1 (07)	50 Secs (50 Secs) [==>]	[1]
	2	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARIO BASE1B3	Sequence 1-11 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-11 Non-Int in vycar- visit 1 (07)	50 Secs (50 Secs) [==>]	[1]
	3	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARIO BASE1B3	Sequence 1-11 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-11 Non-Int in vycar- visit 1 (07)	40 Secs (40 Secs) [==>]	[1]
	4	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F410M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARIO BASE1B3	Sequence 1-11 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-11 Non-Int in vycar- visit 1 (07)	60 Secs (60 Secs) [==>]	[1]
	5	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-11 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-11 Non-Int in vycar- visit 1 (07)	350 Secs (350 Secs) [==>]	[1]
	6	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG -5,-71; SPATIAL SCAN 0.8 6,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-11 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-11 Non-Int in vycar- visit 1 (07)	350 Secs (350 Secs) [==>]	[1]
	7	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG -5,-71; SPATIAL SCAN 0.8 6,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-11 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-11 Non-Int in vycar- visit 1 (07)	350 Secs (350 Secs) [==>]	[1]
	8	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-11 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-11 Non-Int in vycar- visit 1 (07)	350 Secs (350 Secs) [==>]	[1]
	9	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	BLADE=A	POS TARG -3,-4.0; SPATIAL SCAN 4.0 .90.05 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-11 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-11 Non-Int in vycar- visit 1 (07)	2.0 Secs (2 Secs) [==>]	[1]

Proposal 13686 - vycar- visit 1 (07) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(6) V-VY-CAR	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-65; SPATIAL SCAN 7.5 ,90.0 Degrees,Forwa rd; EXP PCS MODE G YRO	Sequence 1-11 Non-I nt in vycar- visit 1 (0 7) Same Obset in Seque nce 1-11 Non-Int in vycar- visit 1 (07)	10.236324 Secs (10.236 Secs) [==>]	[1]
11	(6) V-VY-CAR	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-65; SPATIAL SCAN 7.5 ,90.0 Degrees,Revers e; EXP PCS MODE G YRO	Sequence 1-11 Non-I nt in vycar- visit 1 (0 7) Same Obset in Seque nce 1-11 Non-Int in vycar- visit 1 (07)	10.236324 Secs (10.236 Secs) [==>]	[1]



Proposal 13686 - wzsgr- visit 1 (13) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sun May 17 01:01:38 GMT 2015

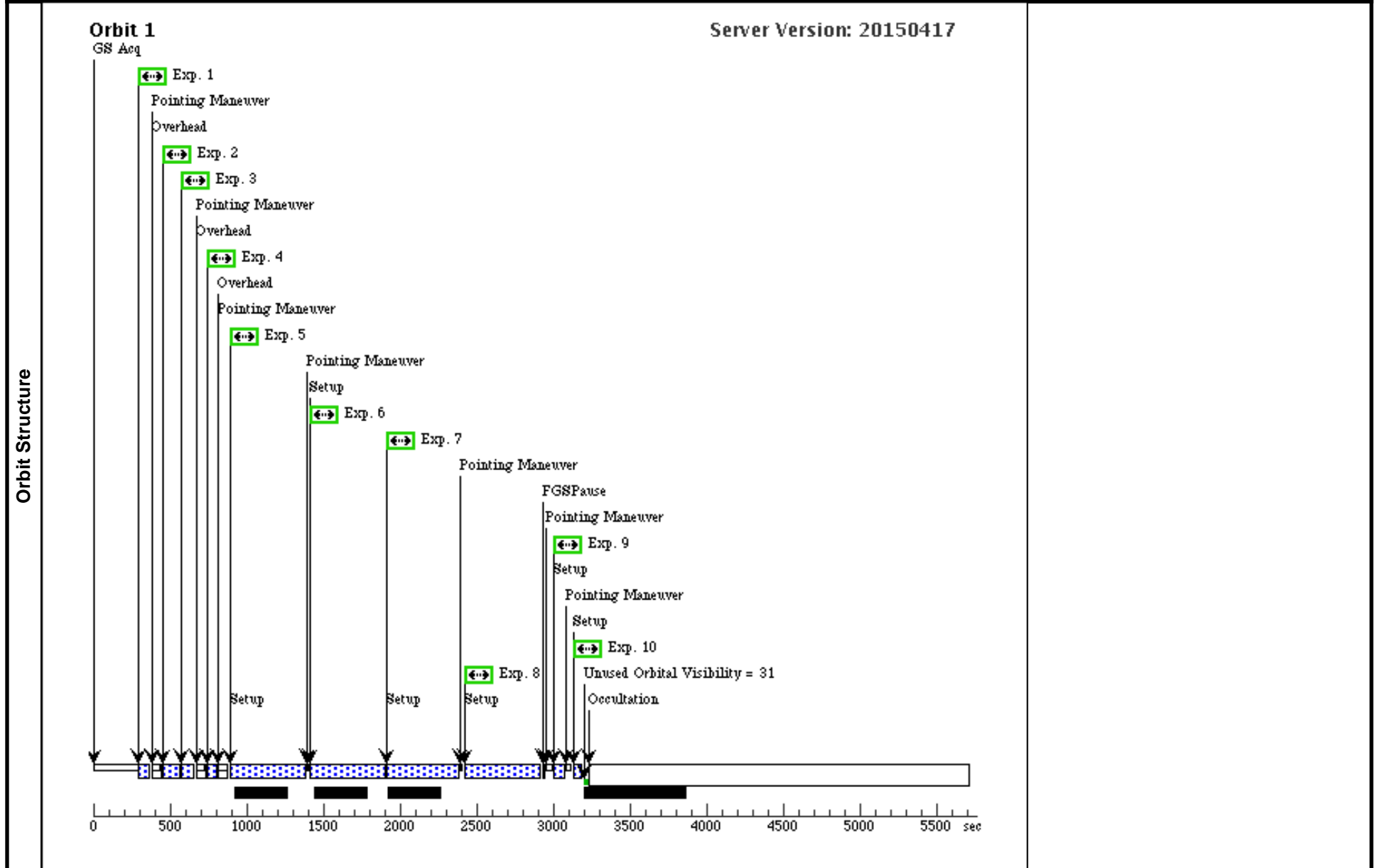
Visit	<p>Proposal 13686, wzsgr- visit 1 (13), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: ORIENT 109D TO 109 D; BETWEEN 21-SEP-2014 AND 30-SEP-2014</p> <p><i>Comments: same guide stars, orient used in 13334, visit 13</i></p>					
Diagnostics	<p>(wzsgr- visit 1 (13)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(wzsgr- visit 1 (13)) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT</p> <p>(wzsgr- visit 1 (13)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(wzsgr- visit 1 (13)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(wzsgr- visit 1 (13)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(wzsgr- visit 1 (13)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(wzsgr- visit 1 (13)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(wzsgr- visit 1 (13)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	V-WZ-SGR	RA: 18 16 59.7158 (274.2488158d) Dec: -19 04 32.97 (-19.07583d) Equinox: J2000		V=7.85	Reference Frame: SIMBAD
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	(9)	V-WZ-SGR-OFF	RA: 18 17 2.6000 (274.2608333d) Dec: -19 04 12.00 (-19.07000d) Equinox: J2000		V=7.85	Reference Frame: SIMBAD
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					

Proposal 13686 - wzsgr- visit 1 (13) - The Longest Period Cepheids, a bridge to the Hubble Constant

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GSPAIR SA6H0005 07F1SA6H000600F2	Sequence 1-10 Non-Int in wzsgr- visit 1 (13) Same Obset in Sequence 1-10 Non-Int in wzsgr- visit 1 (13)	40 Secs (40 Secs) [==>]	[1]
	2	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARIO BASE1B3	Sequence 1-10 Non-Int in wzsgr- visit 1 (13) Same Obset in Sequence 1-10 Non-Int in wzsgr- visit 1 (13)	40 Secs (40 Secs) [==>]	[1]
	3	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F410M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARIO BASE1B3	Sequence 1-10 Non-Int in wzsgr- visit 1 (13) Same Obset in Sequence 1-10 Non-Int in wzsgr- visit 1 (13)	60 Secs (60 Secs) [==>]	[1]
	4	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F410M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARIO BASE1B3	Sequence 1-10 Non-Int in wzsgr- visit 1 (13) Same Obset in Sequence 1-10 Non-Int in wzsgr- visit 1 (13)	60 Secs (60 Secs) [==>]	[1]
	5	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-10 Non-Int in wzsgr- visit 1 (13) Same Obset in Sequence 1-10 Non-Int in wzsgr- visit 1 (13)	350 Secs (350 Secs) [==>]	[1]
	6	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG -3,-75; SPATIAL SCAN 0.4 3,90.05 Degrees,Reverse	Sequence 1-10 Non-Int in wzsgr- visit 1 (13) Same Obset in Sequence 1-10 Non-Int in wzsgr- visit 1 (13)	348 Secs (348 Secs) [==>]	[1]
	7	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG -3,-75; SPATIAL SCAN 0.4 3,90.05 Degrees,Forward	Sequence 1-10 Non-Int in wzsgr- visit 1 (13) Same Obset in Sequence 1-10 Non-Int in wzsgr- visit 1 (13)	348 Secs (348 Secs) [==>]	[1]
	8	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-10 Non-Int in wzsgr- visit 1 (13) Same Obset in Sequence 1-10 Non-Int in wzsgr- visit 1 (13)	350 Secs (350 Secs) [==>]	[1]
	9	(8) V-WZ-SGR	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	BLADE=A	POS TARG -3,-4.0; SPATIAL SCAN 4.0 ,90.05 Degrees,Reverse; EXP PCS MODE GYRO	Sequence 1-10 Non-Int in wzsgr- visit 1 (13) Same Obset in Sequence 1-10 Non-Int in wzsgr- visit 1 (13)	2.0 Secs (2 Secs) [==>]	[1]

Proposal 13686 - wzsgr- visit 1 (13) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(8) V-WZ-SGR	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W	BLADE=A	POS TARG -3,-4.0; SPATIAL SCAN 4.0 ,90.05 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in wzsgr- visit 1 (13) Same Obset in Sequence 1-10 Non-Int in wzsgr- visit 1 (13)	2.0 Secs (2 Secs) [==>]	[1]
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Proposal 13686 - kncen - visit 1 (14) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sun May 17 01:01:38 GMT 2015

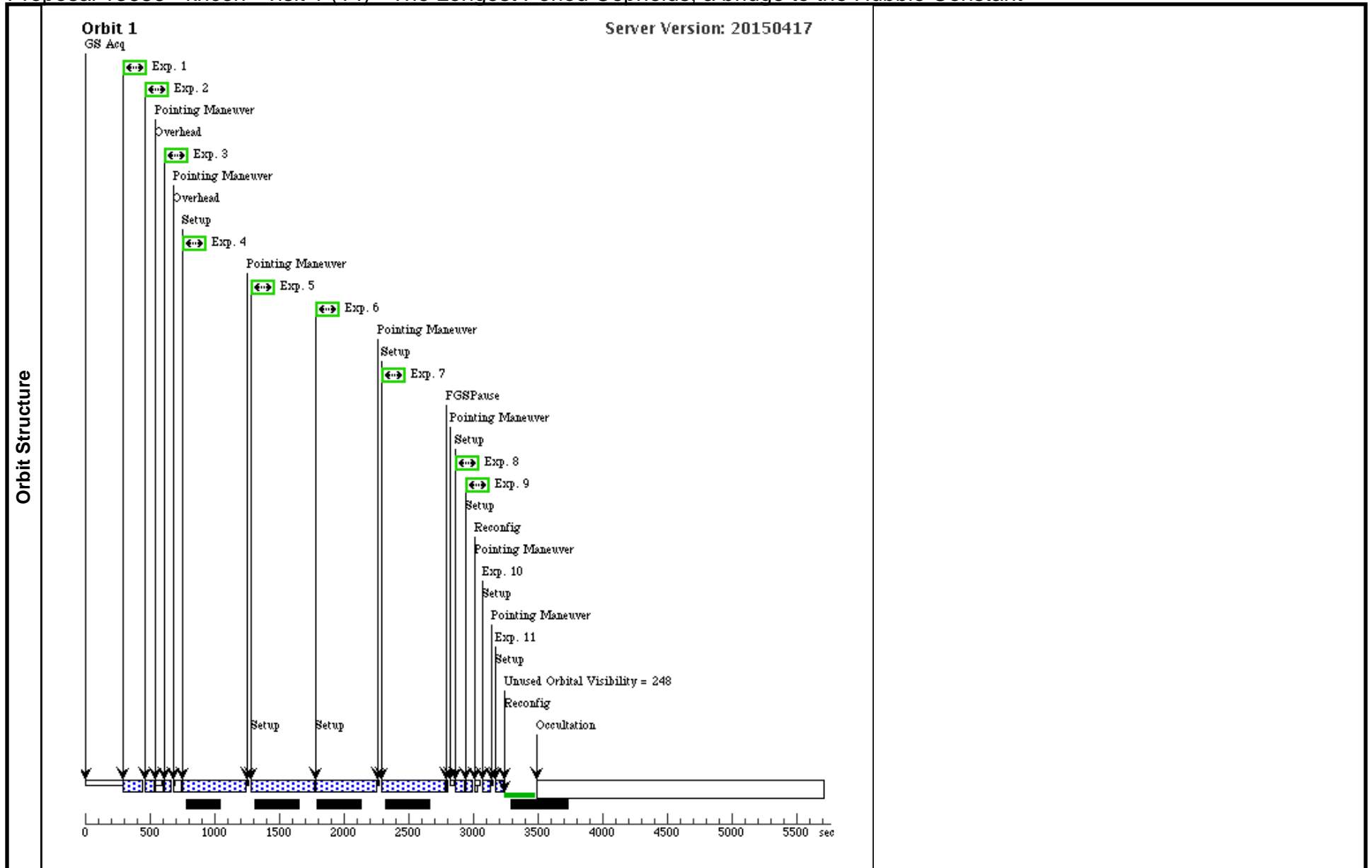
Visit	<p>Proposal 13686, kncen - visit 1 (14), scheduling</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 145.8D TO 145.8 D; BETWEEN 10-AUG-2015 AND 12-SEP-2015</p> <p><i>Comments: was done at 325.8 for first good epoch 1 and will be done 145.8 can't reach 145.8 on Aug 15 choice, wait until Sept 8th (probably lose a good fraction) or do 145.74 and 325.74. Impact is to mix unknown x component of proper motion into y parallax...level could be 0.5 pixel of proper motion into 0.5/1000 = 0.5 mpix of parallax...can live with that noise level.</i></p>					
	<p>(kncen - visit 1 (14)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (14)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (14)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (14)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (14)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (14)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	V-KN-CEN	RA: 13 36 36.8933 (204.1537221d) Dec: -64 33 29.94 (-64.55832d) Equinox: J2000		V=9.86	Reference Frame: SIMBAD
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p>						

Proposal 13686 - kncen - visit 1 (14) - The Longest Period Cepheids, a bridge to the Hubble Constant

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GSPAIR S7S100095 2F2S7S1000633F1	Sequence 1-11 Non-Int in kncen - visit 1 (14) Same Obset in Sequence 1-11 Non-Int in kncen - visit 1 (14)	50 Secs (50 Secs) [==>]	[1]
	2	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F410M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARIO BASE1B3	Sequence 1-11 Non-Int in kncen - visit 1 (14) Same Obset in Sequence 1-11 Non-Int in kncen - visit 1 (14)	50 Secs (50 Secs) [==>]	[1]
	3	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F410M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-11 Non-Int in kncen - visit 1 (14) Same Obset in Sequence 1-11 Non-Int in kncen - visit 1 (14)	50 Secs (50 Secs) [==>]	[1]
	4	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-11 Non-Int in kncen - visit 1 (14) Same Obset in Sequence 1-11 Non-Int in kncen - visit 1 (14)	350 Secs (350 Secs) [==>]	[1]
	5	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -3,-68; SPATIAL SCAN 0.3 89,90.05 Degrees,Reverse	Sequence 1-11 Non-Int in kncen - visit 1 (14) Same Obset in Sequence 1-11 Non-Int in kncen - visit 1 (14)	350 Secs (350 Secs) [==>]	[1]
	6	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -3,-68; SPATIAL SCAN 0.3 89,90.05 Degrees,Forward	Sequence 1-11 Non-Int in kncen - visit 1 (14) Same Obset in Sequence 1-11 Non-Int in kncen - visit 1 (14)	350 Secs (350 Secs) [==>]	[1]
	7	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-11 Non-Int in kncen - visit 1 (14) Same Obset in Sequence 1-11 Non-Int in kncen - visit 1 (14)	350 Secs (350 Secs) [==>]	[1]
	8	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 .90.05 Degrees,Reverse; EXP PCS MODE GYRO	Sequence 1-11 Non-Int in kncen - visit 1 (14) Same Obset in Sequence 1-11 Non-Int in kncen - visit 1 (14)	2.5 Secs (2.5 Secs) [==>]	[1]
	9	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 .90.05 Degrees,Forward; EXP PCS MODE GYRO	Sequence 1-11 Non-Int in kncen - visit 1 (14) Same Obset in Sequence 1-11 Non-Int in kncen - visit 1 (14)	2.5 Secs (2.5 Secs) [==>]	[1]

Proposal 13686 - kncen - visit 1 (14) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(2) V-KN-CEN	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG null,-50; SPATIAL SCAN 7.5 ,90.0 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-11 Non-Int in kncen - visit 1 (14) Same Obset in Sequence 1-11 Non-Int in kncen - visit 1 (14)	6.824216 Secs (6.824 Secs) [==>]	[1]
11	(2) V-KN-CEN	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG null,-65; SPATIAL SCAN 7.5 ,90.0 Degrees,Forward; EXP PCS MODE G YRO	Sequence 1-11 Non-Int in kncen - visit 1 (14) Same Obset in Sequence 1-11 Non-Int in kncen - visit 1 (14)	6.824216 Secs (6.824 Secs) [==>]	[1]



Proposal 13686 - kncen - visit 2 (15) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sun May 17 01:01:38 GMT 2015

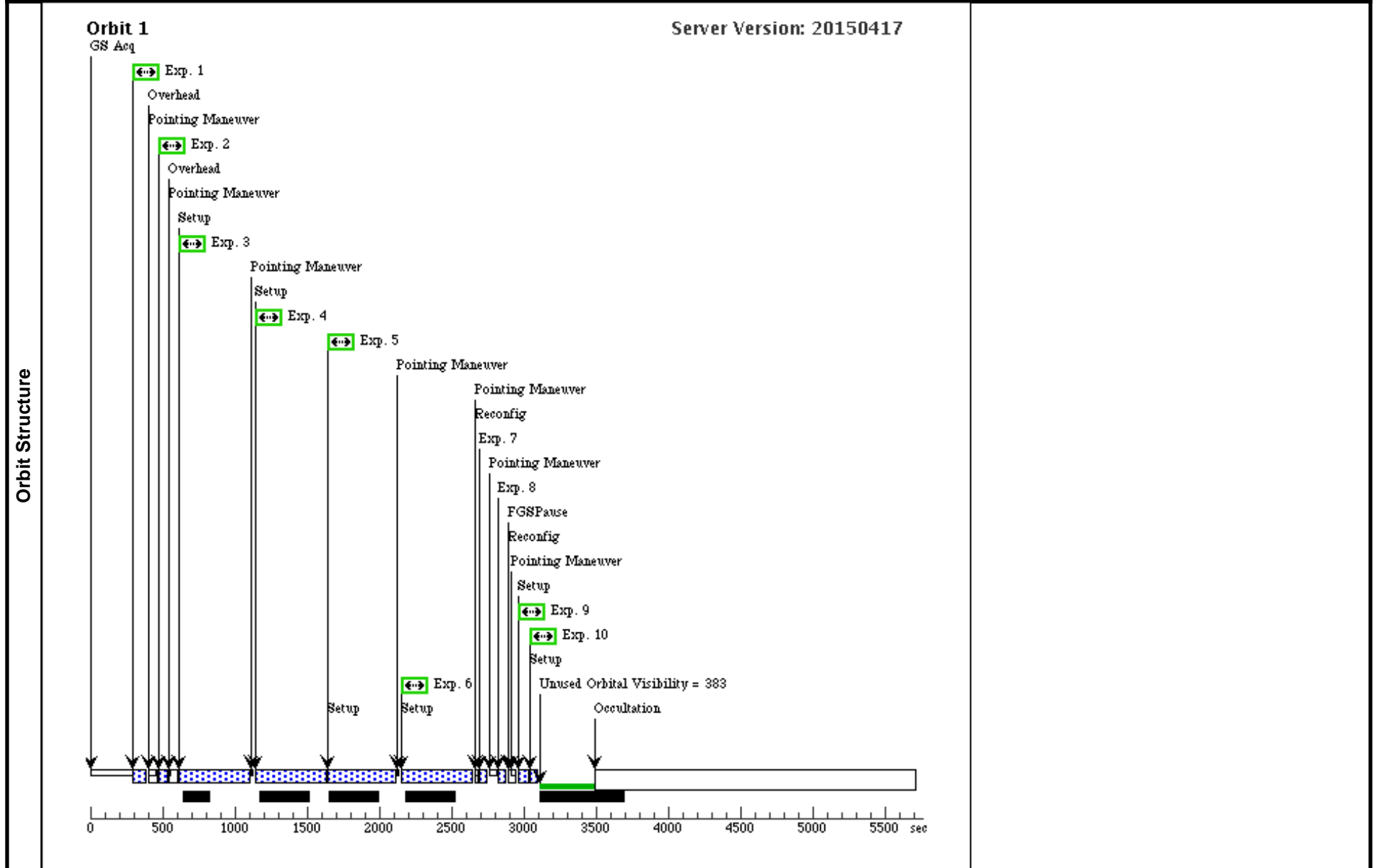
Visit	<p>Proposal 13686, kncen - visit 2 (15), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 325.8D TO 325.8 D; BETWEEN 06-FEB-2015 AND 16-FEB-2015</p> <p><i>Comments: same guide stars, orient used in 13334, visit 02</i></p> <p><i>tweaked orient to avoid bright star</i></p>																
	Diagnostics	(kncen - visit 2 (15)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING															
(kncen - visit 2 (15)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING																	
(kncen - visit 2 (15)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING																	
(kncen - visit 2 (15)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING																	
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(kncen - visit 2 (15)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING																	
(kncen - visit 2 (15)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING																	
(kncen - visit 2 (15)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING																	
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>V-KN-CEN</td> <td>RA: 13 36 36.8933 (204.1537221d) Dec: -64 33 29.94 (-64.55832d) Equinox: J2000</td> <td></td> <td>V=9.86</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	V-KN-CEN	RA: 13 36 36.8933 (204.1537221d) Dec: -64 33 29.94 (-64.55832d) Equinox: J2000		V=9.86	Reference Frame: SIMBAD
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(2)	V-KN-CEN	RA: 13 36 36.8933 (204.1537221d) Dec: -64 33 29.94 (-64.55832d) Equinox: J2000		V=9.86	Reference Frame: SIMBAD												

Proposal 13686 - kncen - visit 2 (15) - The Longest Period Cepheids, a bridge to the Hubble Constant

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,72; GSPAIR S7S100090 2F1S7S1000476F3; GS ACQ SCENARIO BASE1B3	Sequence 1-10 Non-Int in kncen - visit 2 (15) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (15)	60 Secs (60 Secs) [==>]	[1]
	2	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72	Sequence 1-10 Non-Int in kncen - visit 2 (15) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (15)	60 Secs (60 Secs) [==>]	[1]
	3	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-10 Non-Int in kncen - visit 2 (15) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (15)	350 Secs (350 Secs) [==>]	[1]
	4	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG 3,-68; SPATIAL SCAN 0.3 89,90.05 Degrees,Reverse	Sequence 1-10 Non-Int in kncen - visit 2 (15) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (15)	350 Secs (350 Secs) [==>]	[1]
	5	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG 3,-68; SPATIAL SCAN 0.3 89,90.05 Degrees,Forward	Sequence 1-10 Non-Int in kncen - visit 2 (15) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (15)	350 Secs (350 Secs) [==>]	[1]
	6	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-10 Non-Int in kncen - visit 2 (15) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (15)	350 Secs (350 Secs) [==>]	[1]
	7	(2) V-KN-CEN	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 NSAMP=5	POS TARG null,-60	Sequence 1-10 Non-Int in kncen - visit 2 (15) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (15)	24.229711 Secs (24.23 Secs) [==>]	[1]
	8	(2) V-KN-CEN	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 NSAMP=5	POS TARG null,60	Sequence 1-10 Non-Int in kncen - visit 2 (15) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (15)	24.229711 Secs (24.23 Secs) [==>]	[1]
	9	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 .90.05 Degrees,Reverse; EXP PCS MODE GYRO	Sequence 1-10 Non-Int in kncen - visit 2 (15) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (15)	2.5 Secs (2.5 Secs) [==>]	[1]

Proposal 13686 - knccn - visit 2 (15) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 ,90.05 Degrees,Forward; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in knccn - visit 2 (15) Same Obset in Sequence 1-10 Non-Int in knccn - visit 2 (15)	2.5 Secs (2.5 Secs) [==>]	[1]
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Proposal 13686 - rysco - visit 2 (16) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sun May 17 01:01:38 GMT 2015

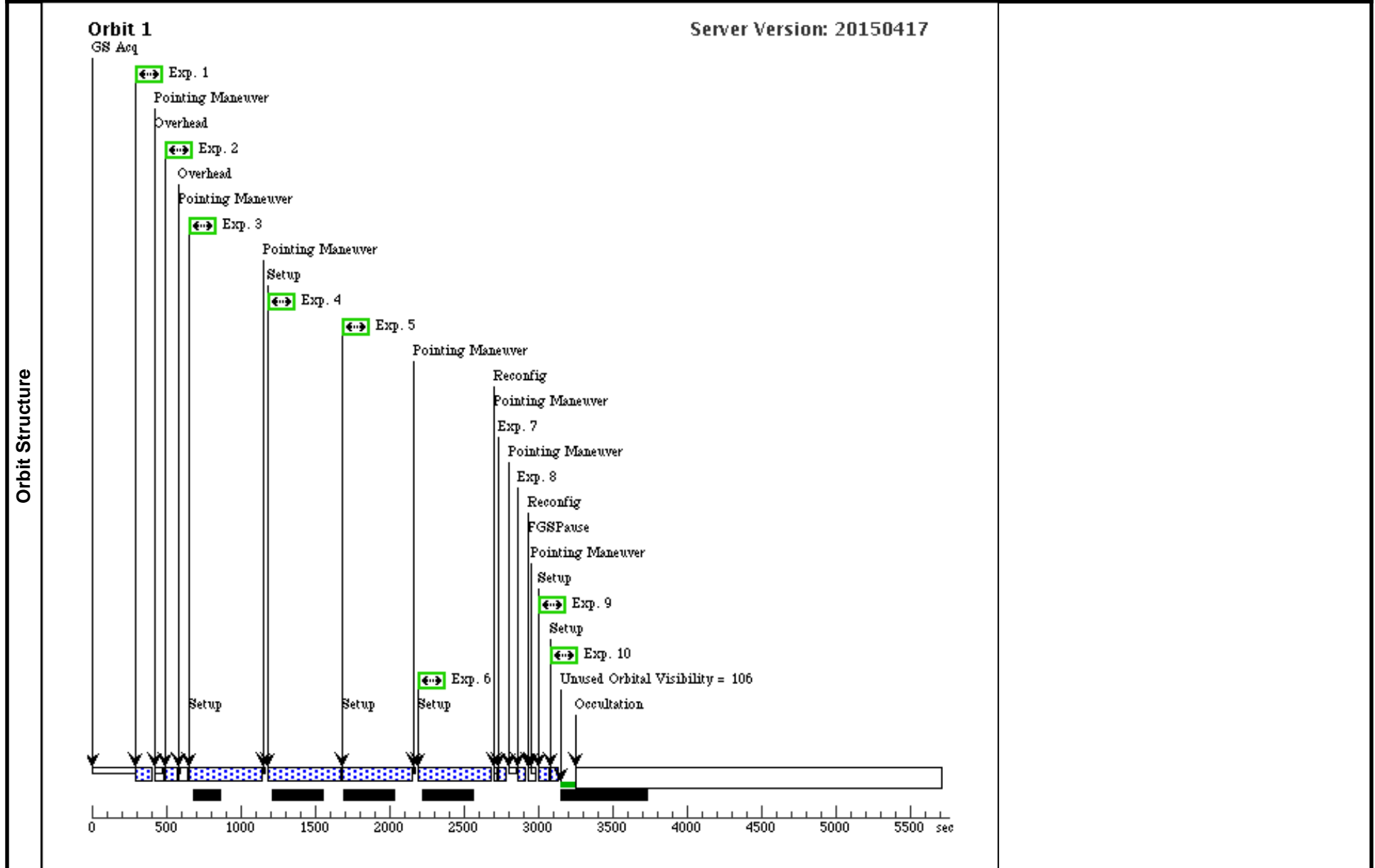
Visit	<p>Proposal 13686, rysco - visit 2 (16), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 293.0D TO 293.0 D; BETWEEN 26-MAR-2015 AND 01-APR-2015</p> <p><i>Comments: same guide stars, orient used in 13334, visit 10</i></p>					
Diagnostics	<p>(rysco - visit 2 (16)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 2 (16)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 2 (16)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 2 (16)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p> <p>(rysco - visit 2 (16)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 2 (16)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 2 (16)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 2 (16)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 2 (16)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	V-RY-SCO	RA: 17 50 52.3433 (267.7180971d) Dec: -33 42 20.42 (-33.70567d) Equinox: J2000		V=8.19	Reference Frame: SIMBAD
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p>					

Proposal 13686 - rysco - visit 2 (16) - The Longest Period Cepheids, a bridge to the Hubble Constant

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,72; GSPAIR S8GY0002 64F1S8GY000179F2	Sequence 1-10 Non-Int in rysco - visit 2 (16) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (16)	80 Secs (80 Secs) [==>]	[1]
	2	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72	Sequence 1-10 Non-Int in rysco - visit 2 (16) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (16)	80 Secs (80 Secs) [==>]	[1]
	3	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-10 Non-Int in rysco - visit 2 (16) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (16)	350 Secs (350 Secs) [==>]	[1]
	4	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG 3,-68; SPATIAL SCAN 0.3 89,90.05 Degrees,Reverse	Sequence 1-10 Non-Int in rysco - visit 2 (16) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (16)	350 Secs (350 Secs) [==>]	[1]
	5	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG 3,-68; SPATIAL SCAN 0.3 89,90.05 Degrees,Forward	Sequence 1-10 Non-Int in rysco - visit 2 (16) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (16)	350 Secs (350 Secs) [==>]	[1]
	6	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-10 Non-Int in rysco - visit 2 (16) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (16)	350 Secs (350 Secs) [==>]	[1]
	7	(7) V-RY-SCO	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 NSAMP=5	POS TARG null,-60	Sequence 1-10 Non-Int in rysco - visit 2 (16) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (16)	24.229711 Secs (24.23 Secs) [==>]	[1]
	8	(7) V-RY-SCO	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 NSAMP=5	POS TARG null,60	Sequence 1-10 Non-Int in rysco - visit 2 (16) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (16)	24.229711 Secs (24.23 Secs) [==>]	[1]
	9	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 .90.05 Degrees,Reverse; EXP PCS MODE GYRO	Sequence 1-10 Non-Int in rysco - visit 2 (16) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (16)	2.5 Secs (2.5 Secs) [==>]	[1]

Proposal 13686 - rysco - visit 2 (16) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 ,90.05 Degrees,Forward; EXP PCS MODE G YRO	Sequence 1-10 Non-Int nt in rysco - visit 2 (16) Same Obset in Sequence 1-10 Non-Int in r ysco - visit 2 (16)	2.5 Secs (2.5 Secs) [==>]	[1]
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Proposal 13686 - svul - visit 1 (17) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sun May 17 01:01:39 GMT 2015

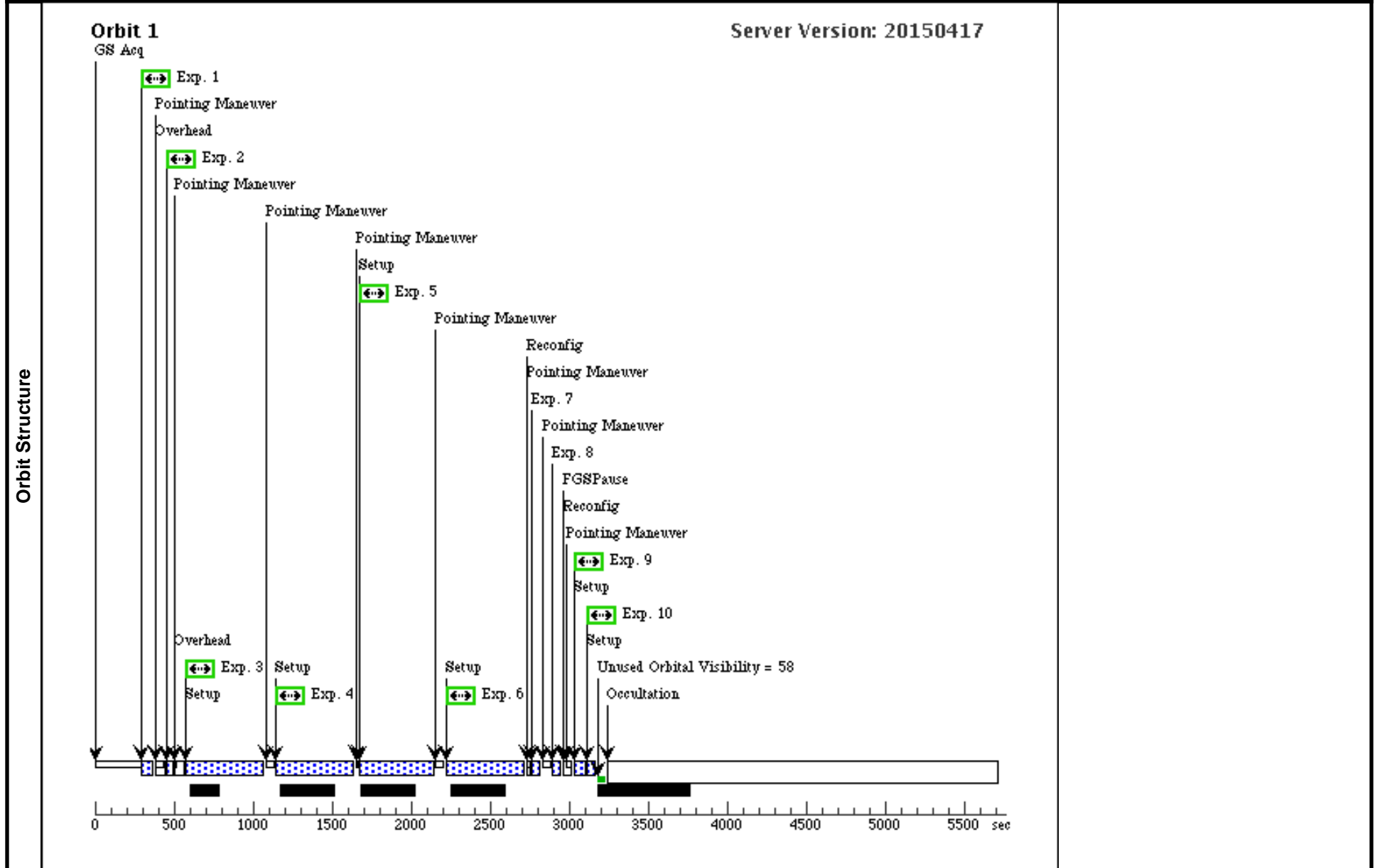
Visit	<p>Proposal 13686, svul - visit 1 (17), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 97D TO 97 D; BETWEEN 25-OCT-2014 AND 01-NOV-2014</p> <p><i>Comments: same guide stars, orient used in 13334, visit 03</i></p>					
Diagnostics	<p>(svul - visit 1 (17)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(svul - visit 1 (17)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(svul - visit 1 (17)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(svul - visit 1 (17)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(svul - visit 1 (17)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(svul - visit 1 (17)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(svul - visit 1 (17)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(svul - visit 1 (17)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(svul - visit 1 (17)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p>					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	V-S-VUL	RA: 19 48 23.8067 (297.0991946d) Dec: +27 17 11.39 (27.28650d) Equinox: J2000		V=9.17	Reference Frame: SIMBAD
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p>					

Proposal 13686 - svul - visit 1 (17) - The Longest Period Cepheids, a bridge to the Hubble Constant

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,72; GSPAIR N2F500196 0F1N2F5002181F2	Sequence 1-10 Non-Int in svul - visit 1 (17) Same Obset in Sequence 1-10 Non-Int in svul - visit 1 (17)	40 Secs (40 Secs) [==>]	[1]
	2	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-10 Non-Int in svul - visit 1 (17) Same Obset in Sequence 1-10 Non-Int in svul - visit 1 (17)	40 Secs (40 Secs) [==>]	[1]
	3	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-10 Non-Int in svul - visit 1 (17) Same Obset in Sequence 1-10 Non-Int in svul - visit 1 (17)	350 Secs (350 Secs) [==>]	[1]
	4	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -5,-57; SPATIAL SCAN 0.6 9,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-10 Non-Int in svul - visit 1 (17) Same Obset in Sequence 1-10 Non-Int in svul - visit 1 (17)	350 Secs (350 Secs) [==>]	[1]
	5	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -5,-57; SPATIAL SCAN 0.6 9,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-10 Non-Int in svul - visit 1 (17) Same Obset in Sequence 1-10 Non-Int in svul - visit 1 (17)	350 Secs (350 Secs) [==>]	[1]
	6	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-10 Non-Int in svul - visit 1 (17) Same Obset in Sequence 1-10 Non-Int in svul - visit 1 (17)	350 Secs (350 Secs) [==>]	[1]
	7	(1) V-S-VUL	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 NSAMP=5	POS TARG null,-60 5;	Sequence 1-10 Non-Int in svul - visit 1 (17) Same Obset in Sequence 1-10 Non-Int in svul - visit 1 (17)	24.229711 Secs (24.23 Secs) [==>]	[1]
	8	(1) V-S-VUL	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 NSAMP=5	POS TARG null,60 5;	Sequence 1-10 Non-Int in svul - visit 1 (17) Same Obset in Sequence 1-10 Non-Int in svul - visit 1 (17)	24.229711 Secs (24.23 Secs) [==>]	[1]
	9	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 .90.05 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in svul - visit 1 (17) Same Obset in Sequence 1-10 Non-Int in svul - visit 1 (17)	2.5 Secs (2.5 Secs) [==>]	[1]

Proposal 13686 - svul - visit 1 (17) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 ,90.05 Degrees,Forward; EXP PCS MODE G YRO	Sequence 1-10 Non-Int nt in svul - visit 1 (17) Same Obset in Sequ nce 1-10 Non-Int in s vul - visit 1 (17)	2.5 Secs (2.5 Secs) [==>]	[1]
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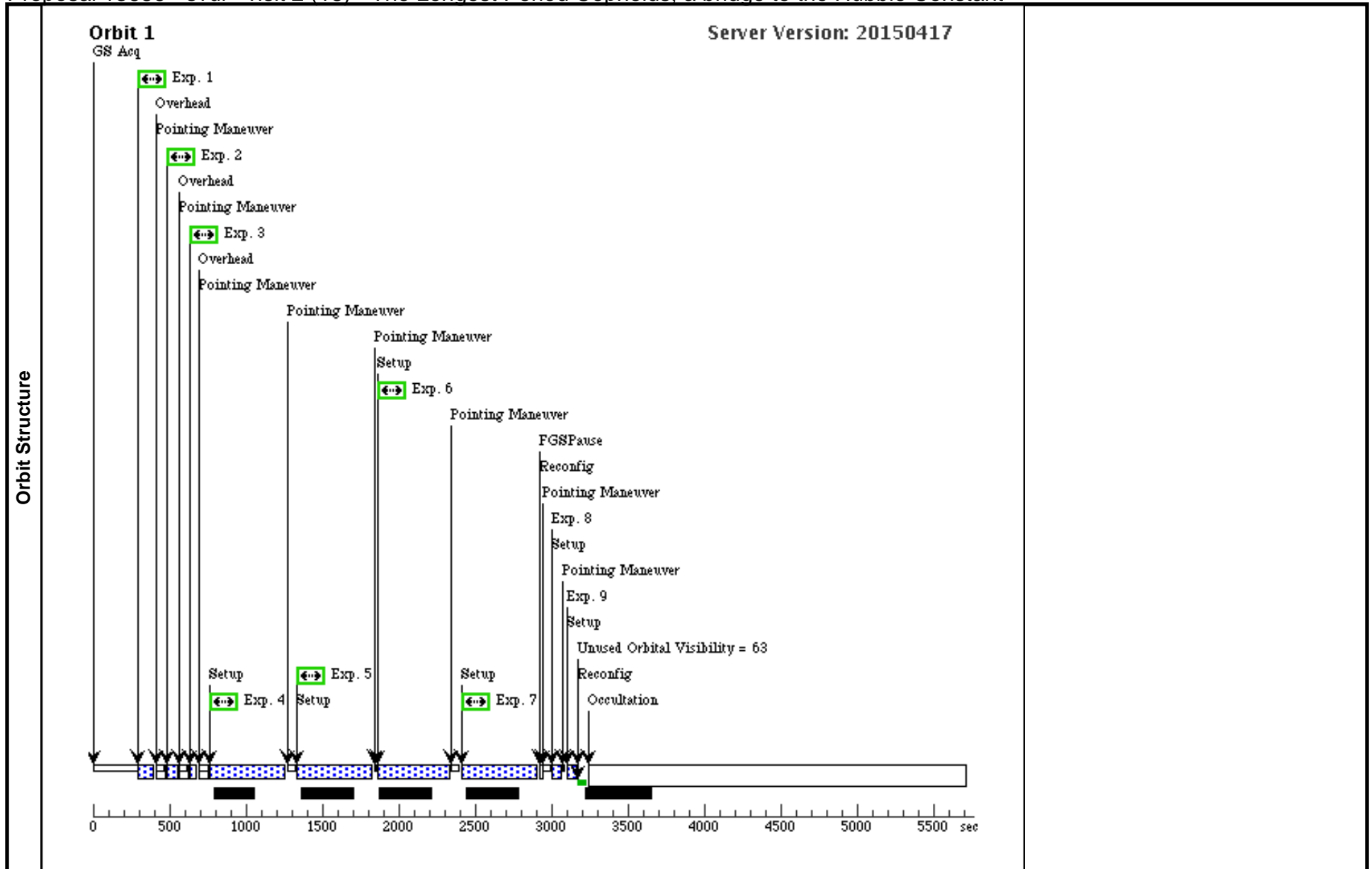
Proposal 13686 - svul - visit 2 (18) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sun May 17 01:01:39 GMT 2015

Visit	<p>Proposal 13686, svul - visit 2 (18), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 277D TO 277 D; BETWEEN 28-MAR-2015 AND 04-APR-2015</p> <p><i>Comments: same guide stars, orient used in 13334, visit 04</i></p>					
Diagnostics	<p>(svul - visit 2 (18)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(svul - visit 2 (18)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(svul - visit 2 (18)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(svul - visit 2 (18)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(svul - visit 2 (18)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(svul - visit 2 (18)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	V-S-VUL	RA: 19 48 23.8067 (297.0991946d) Dec: +27 17 11.39 (27.28650d) Equinox: J2000		V=9.17	Reference Frame: SIMBAD
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p>					

Proposal 13686 - svul - visit 2 (18) - The Longest Period Cepheids, a bridge to the Hubble Constant

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,72; GSPAIR N2F500078 3F1N2F5000447F2	Sequence 1-9 Non-Int in svul - visit 2 (18) Same Obset in Sequence 1-9 Non-Int in svul - visit 2 (18)	70 Secs (70 Secs) [==>]	[1]
	2	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72	Sequence 1-9 Non-Int in svul - visit 2 (18) Same Obset in Sequence 1-9 Non-Int in svul - visit 2 (18)	70 Secs (70 Secs) [==>]	[1]
	3	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,72	Sequence 1-9 Non-Int in svul - visit 2 (18) Same Obset in Sequence 1-9 Non-Int in svul - visit 2 (18)	25 Secs (25 Secs) [==>]	[1]
	4	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-9 Non-Int in svul - visit 2 (18) Same Obset in Sequence 1-9 Non-Int in svul - visit 2 (18)	350 Secs (350 Secs) [==>]	[1]
	5	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG 1,-57; SPATIAL SCAN 0.6 9,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-9 Non-Int in svul - visit 2 (18) Same Obset in Sequence 1-9 Non-Int in svul - visit 2 (18)	350 Secs (350 Secs) [==>]	[1]
	6	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG 1,-57; SPATIAL SCAN 0.6 9,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-9 Non-Int in svul - visit 2 (18) Same Obset in Sequence 1-9 Non-Int in svul - visit 2 (18)	350 Secs (350 Secs) [==>]	[1]
	7	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-9 Non-Int in svul - visit 2 (18) Same Obset in Sequence 1-9 Non-Int in svul - visit 2 (18)	350 Secs (350 Secs) [==>]	[1]
	8	(1) V-S-VUL	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG null,-50; SPATIAL SCAN 7.5 ,90.0 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-9 Non-Int in svul - visit 2 (18) Same Obset in Sequence 1-9 Non-Int in svul - visit 2 (18)	6.824216 Secs (6.824 Secs) [==>]	[1]
	9	(1) V-S-VUL	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG null,-65; SPATIAL SCAN 7.5 ,90.0 Degrees,Forward; EXP PCS MODE G YRO	Sequence 1-9 Non-Int in svul - visit 2 (18) Same Obset in Sequence 1-9 Non-Int in svul - visit 2 (18)	6.824216 Secs (6.824 Secs) [==>]	[1]



Proposal 13686 - yzcar - visit 2 (19) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sun May 17 01:01:39 GMT 2015

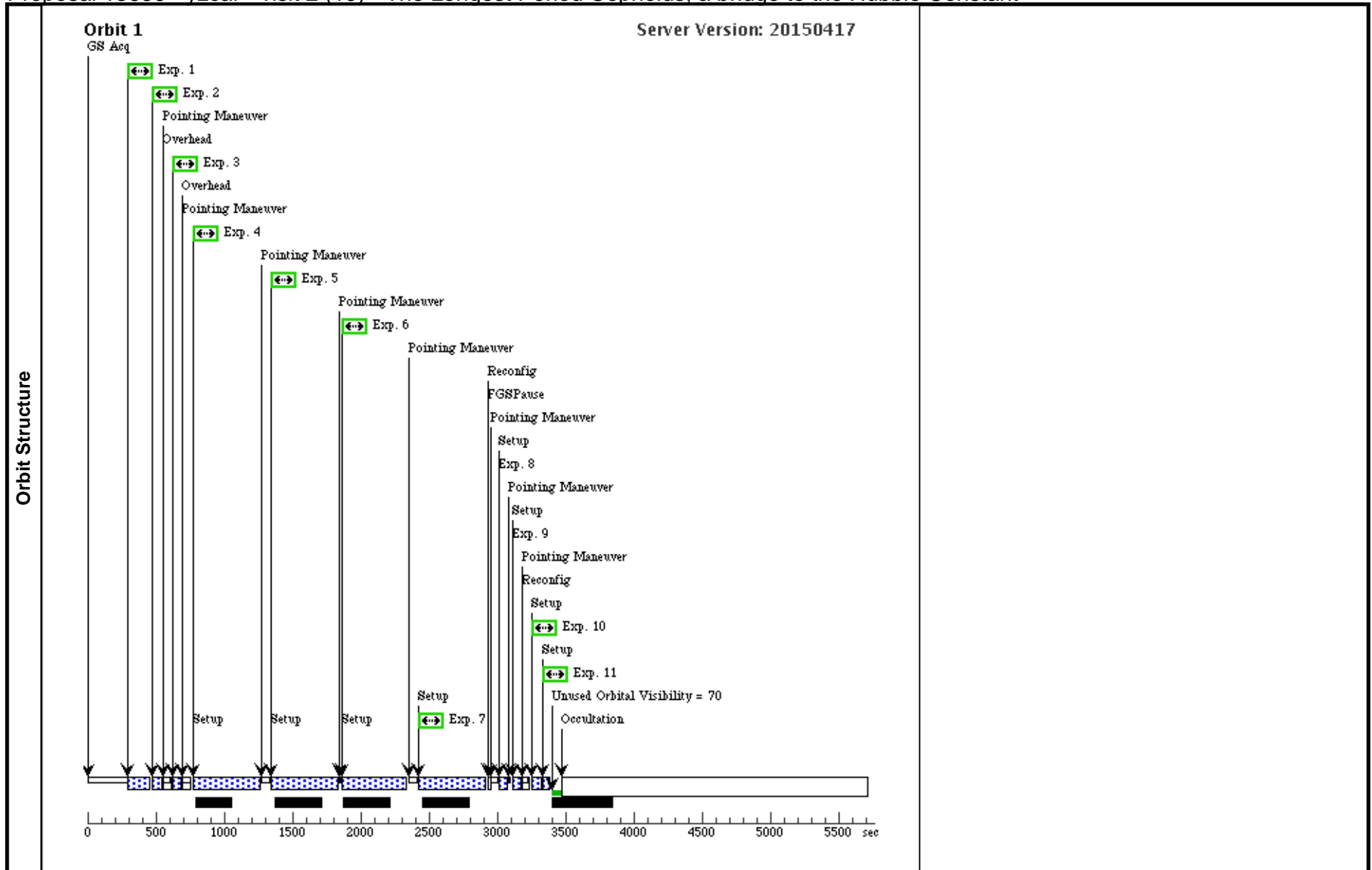
Visit	<p>Proposal 13686, yzcar - visit 2 (19), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 332D TO 332 D; BETWEEN 04-JAN-2015 AND 12-JAN-2015</p> <p><i>Comments: same guide stars, orient used in 13334, visit 06</i></p>					
	<p>(yzcar - visit 2 (19)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(yzcar - visit 2 (19)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(yzcar - visit 2 (19)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(yzcar - visit 2 (19)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(yzcar - visit 2 (19)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	V-YZ-CAR	RA: 10 28 16.8469 (157.0701954d) Dec: -59 21 0.67 (-59.35019d) Equinox: J2000		V=8.69	Reference Frame: SIMBAD
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p>						

Proposal 13686 - yzcar - visit 2 (19) - The Longest Period Cepheids, a bridge to the Hubble Constant

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F410M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72; GSPAIR S4AX0006 36F2S4AX000746F1	Sequence 1-11 Non-Int in yzcar - visit 2 (19) Same Obset in Sequence 1-11 Non-Int in yzcar - visit 2 (19)	60 Secs (60 Secs) [==>]	[1]
	2	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72	Sequence 1-11 Non-Int in yzcar - visit 2 (19) Same Obset in Sequence 1-11 Non-Int in yzcar - visit 2 (19)	60 Secs (60 Secs) [==>]	[1]
	3	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,72	Sequence 1-11 Non-Int in yzcar - visit 2 (19) Same Obset in Sequence 1-11 Non-Int in yzcar - visit 2 (19)	60 Secs (60 Secs) [==>]	[1]
	4	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-11 Non-Int in yzcar - visit 2 (19) Same Obset in Sequence 1-11 Non-Int in yzcar - visit 2 (19)	350 Secs (350 Secs) [==>]	[1]
	5	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG 1,-71; SPATIAL SCAN 0.8 6,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-11 Non-Int in yzcar - visit 2 (19) Same Obset in Sequence 1-11 Non-Int in yzcar - visit 2 (19)	350 Secs (350 Secs) [==>]	[1]
	6	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG 1,-71; SPATIAL SCAN 0.8 6,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-11 Non-Int in yzcar - visit 2 (19) Same Obset in Sequence 1-11 Non-Int in yzcar - visit 2 (19)	350 Secs (350 Secs) [==>]	[1]
	7	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-11 Non-Int in yzcar - visit 2 (19) Same Obset in Sequence 1-11 Non-Int in yzcar - visit 2 (19)	350 Secs (350 Secs) [==>]	[1]
	8	(5) V-YZ-CAR	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG null,-50; SPATIAL SCAN 7.5 ,90.0 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-11 Non-Int in yzcar - visit 2 (19) Same Obset in Sequence 1-11 Non-Int in yzcar - visit 2 (19)	6.824216 Secs (6.824 Secs) [==>]	[1]
	9	(5) V-YZ-CAR	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG null,-65; SPATIAL SCAN 7.5 ,90.0 Degrees,Forward; EXP PCS MODE G YRO	Sequence 1-11 Non-Int in yzcar - visit 2 (19) Same Obset in Sequence 1-11 Non-Int in yzcar - visit 2 (19)	6.824216 Secs (6.824 Secs) [==>]	[1]

Proposal 13686 - yzcar - visit 2 (19) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 ,90.05 Degrees,Reve rse; EXP PCS MODE G YRO	Sequence 1-11 Non-I nt in yzcar - visit 2 (1 9) Same Obset in Seque nce 1-11 Non-Int in yzcar - visit 2 (19)	2.5 Secs (2.5 Secs) [==>]	[1]
11	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 ,90.05 Degrees,Forw ard; EXP PCS MODE G YRO	Sequence 1-11 Non-I nt in yzcar - visit 2 (1 9) Same Obset in Seque nce 1-11 Non-Int in yzcar - visit 2 (19)	2.5 Secs (2.5 Secs) [==>]	[1]



Proposal 13686 - vycar - visit 2 (20) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sun May 17 01:01:39 GMT 2015

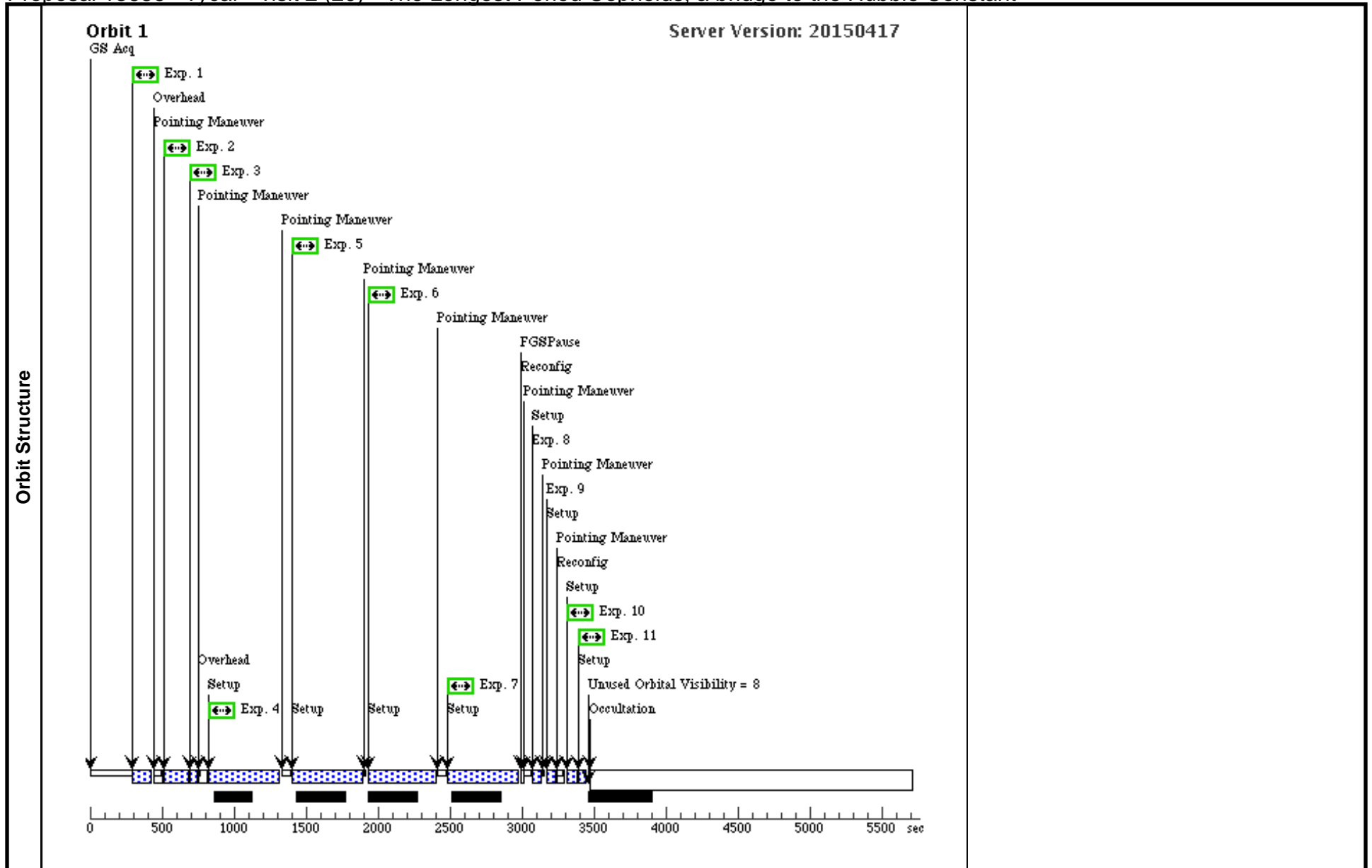
Visit	<p>Proposal 13686, vycar - visit 2 (20), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 327.0D TO 327.0 D; BETWEEN 05-JAN-2015 AND 13-JAN-2015</p> <p><i>Comments: same guide stars, orient used in 13334, visit 08</i></p>												
Diagnostics	<p>(vycar - visit 2 (20)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(vycar - visit 2 (20)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(vycar - visit 2 (20)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(vycar - visit 2 (20)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(vycar - visit 2 (20)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>												
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>V-VY-CAR</td> <td>RA: 10 44 32.6912 (161.1362133d) Dec: -57 33 55.32 (-57.56537d) Equinox: J2000</td> <td></td> <td>V=7.03</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(6)	V-VY-CAR	RA: 10 44 32.6912 (161.1362133d) Dec: -57 33 55.32 (-57.56537d) Equinox: J2000		V=7.03	Reference Frame: SIMBAD
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(6)	V-VY-CAR	RA: 10 44 32.6912 (161.1362133d) Dec: -57 33 55.32 (-57.56537d) Equinox: J2000		V=7.03	Reference Frame: SIMBAD								

Proposal 13686 - vycar - visit 2 (20) - The Longest Period Cepheids, a bridge to the Hubble Constant

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,72; GSPAIR S4C700049 0F2S4C7001048F1	Sequence 1-11 Non-Int in vycar - visit 2 (20) Same Obset in Sequence 1-11 Non-Int in vycar - visit 2 (20)	100 Secs (100 Secs) [==>]	[1]
	2	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72	Sequence 1-11 Non-Int in vycar - visit 2 (20) Same Obset in Sequence 1-11 Non-Int in vycar - visit 2 (20)	100 Secs (100 Secs) [==>]	[1]
	3	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F410M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72	Sequence 1-11 Non-Int in vycar - visit 2 (20) Same Obset in Sequence 1-11 Non-Int in vycar - visit 2 (20)	30 Secs (30 Secs) [==>]	[1]
	4	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-11 Non-Int in vycar - visit 2 (20) Same Obset in Sequence 1-11 Non-Int in vycar - visit 2 (20)	350 Secs (350 Secs) [==>]	[1]
	5	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG 1,-71; SPATIAL SCAN 0.8 6,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-11 Non-Int in vycar - visit 2 (20) Same Obset in Sequence 1-11 Non-Int in vycar - visit 2 (20)	350 Secs (350 Secs) [==>]	[1]
	6	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG 1,-71; SPATIAL SCAN 0.8 6,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-11 Non-Int in vycar - visit 2 (20) Same Obset in Sequence 1-11 Non-Int in vycar - visit 2 (20)	350 Secs (350 Secs) [==>]	[1]
	7	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-11 Non-Int in vycar - visit 2 (20) Same Obset in Sequence 1-11 Non-Int in vycar - visit 2 (20)	350 Secs (350 Secs) [==>]	[1]
	8	(6) V-VY-CAR	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG null,-50; SPATIAL SCAN 7.5 ,90.0 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-11 Non-Int in vycar - visit 2 (20) Same Obset in Sequence 1-11 Non-Int in vycar - visit 2 (20)	6.824216 Secs (6.824 Secs) [==>]	[1]
	9	(6) V-VY-CAR	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG null,-65; SPATIAL SCAN 7.5 ,90.0 Degrees,Forward; EXP PCS MODE G YRO	Sequence 1-11 Non-Int in vycar - visit 2 (20) Same Obset in Sequence 1-11 Non-Int in vycar - visit 2 (20)	6.824216 Secs (6.824 Secs) [==>]	[1]

Proposal 13686 - vycar - visit 2 (20) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 ,90.05 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-11 Non-Int in vycar - visit 2 (20) Same Obset in Sequence 1-11 Non-Int in vycar - visit 2 (20)	2.5 Secs (2.5 Secs) [==>]	[1]
11	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 ,90.05 Degrees,Forward; EXP PCS MODE G YRO	Sequence 1-11 Non-Int in vycar - visit 2 (20) Same Obset in Sequence 1-11 Non-Int in vycar - visit 2 (20)	2.5 Secs (2.5 Secs) [==>]	[1]



Proposal 13686 - xpup- visit 1 (21) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sun May 17 01:01:39 GMT 2015

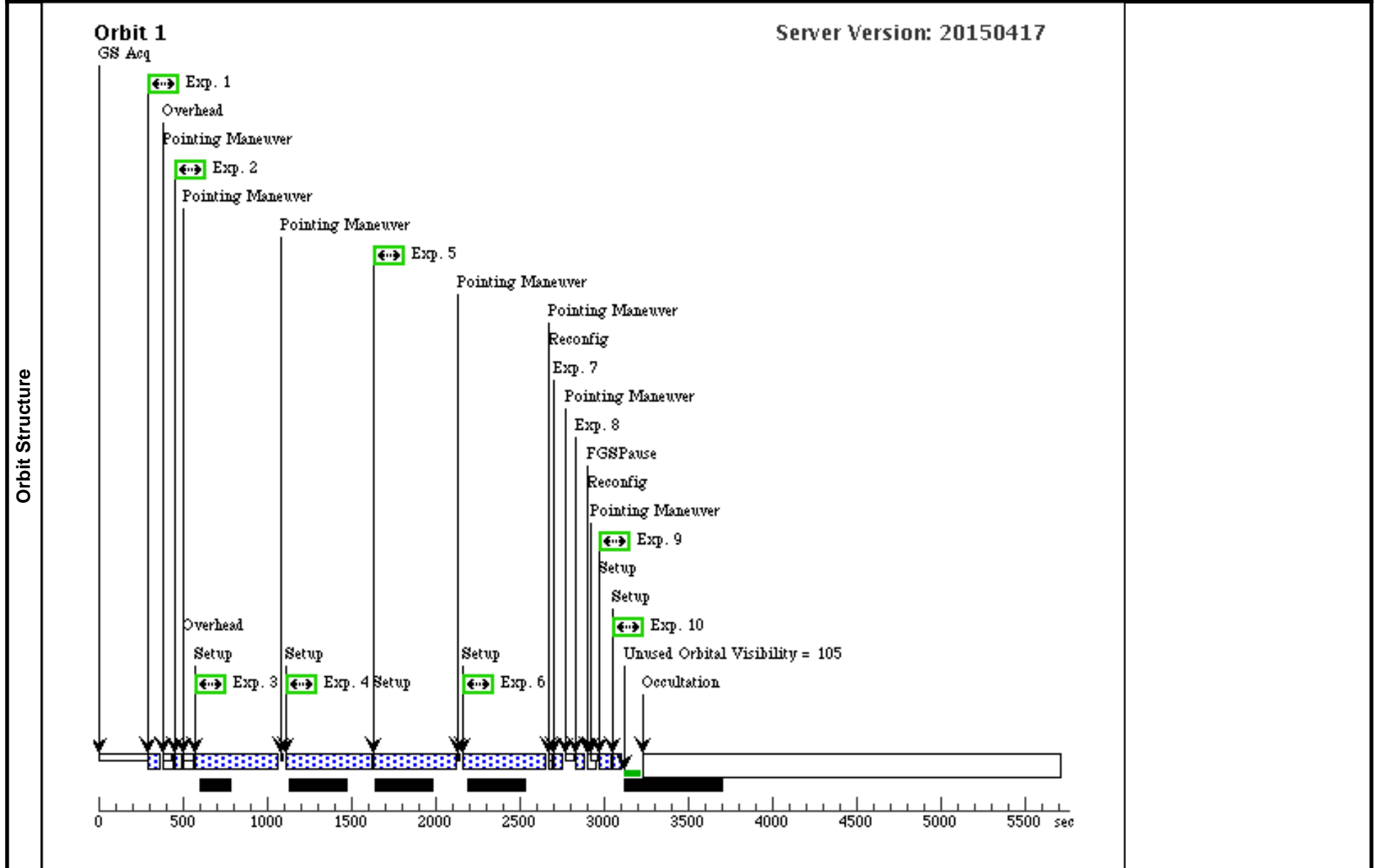
Visit	<p>Proposal 13686, xpup- visit 1 (21), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 302D TO 302 D; BETWEEN 18-OCT-2014 AND 25-OCT-2014</p> <p><i>Comments: same guide stars, orient used in 13334, visit 11</i></p> <p><i>Oct 22 is the optimal day and could go a few days earlier. The light curve rises fast after the 22nd from 9.0 mag to 8.0 mag by Oct 24. Oct 23 should still be no brighter than V=8.5 whereas the F621M, n=2 obs approach saturation at V=8.4 could drop to F673N, n=1 which is ok to V=7.9, but that loss of 0.5 mag depth reduces the small set of ref stars</i></p>					
	Diagnostics	(xpup- visit 1 (21)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING				
(xpup- visit 1 (21)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING						
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(xpup- visit 1 (21)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING						
(xpup- visit 1 (21)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING						
(xpup- visit 1 (21)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE						
Fixed Targets	(xpup- visit 1 (21)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	V-X-PUP	RA: 07 32 47.0339 (113.1959746d) Dec: -20 54 34.88 (-20.90969d) Equinox: J2000		V=8.46	Reference Frame: SIMBAD
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	(4)	V-X-PUP-OFF	RA: 07 32 49.7300 (113.2072083d) Dec: -20 54 20.00 (-20.90556d) Equinox: J2000		V=8.46	Reference Frame: SIMBAD
<i>Comments: position offset from X Pup to get more bright ref stars</i>						

Proposal 13686 - xpup- visit 1 (21) - The Longest Period Cepheids, a bridge to the Hubble Constant

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(4) V-X-PUP-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GSPAIR S3R900066 8F3S3R9001076F1; GS ACQ SCENARIO BASE1B3	Sequence 1-10 Non-Int in xpup- visit 1 (21) Same Obset in Sequence 1-10 Non-Int in xpup- visit 1 (21)	40 Secs (40 Secs) [==>]	[1]
	2	(4) V-X-PUP-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,72	Sequence 1-10 Non-Int in xpup- visit 1 (21) Same Obset in Sequence 1-10 Non-Int in xpup- visit 1 (21)	40 Secs (40 Secs) [==>]	[1]
	3	(4) V-X-PUP-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-10 Non-Int in xpup- visit 1 (21) Same Obset in Sequence 1-10 Non-Int in xpup- visit 1 (21)	350 Secs (350 Secs) [==>]	[1]
	4	(4) V-X-PUP-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG -3,-65; SPATIAL SCAN 0.3 5,90.05 Degrees,Reverse	Sequence 1-10 Non-Int in xpup- visit 1 (21) Same Obset in Sequence 1-10 Non-Int in xpup- visit 1 (21)	370 Secs (370 Secs) [==>]	[1]
	5	(4) V-X-PUP-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG -3,-65; SPATIAL SCAN 0.3 5,90.05 Degrees,Forward	Sequence 1-10 Non-Int in xpup- visit 1 (21) Same Obset in Sequence 1-10 Non-Int in xpup- visit 1 (21)	370 Secs (370 Secs) [==>]	[1]
	6	(4) V-X-PUP-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-10 Non-Int in xpup- visit 1 (21) Same Obset in Sequence 1-10 Non-Int in xpup- visit 1 (21)	350 Secs (350 Secs) [==>]	[1]
	7	(4) V-X-PUP-OFF	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 NSAMP=5	POS TARG null,-60	Sequence 1-10 Non-Int in xpup- visit 1 (21) Same Obset in Sequence 1-10 Non-Int in xpup- visit 1 (21)	24.229711 Secs (24.23 Secs) [==>]	[1]
	8	(4) V-X-PUP-OFF	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 NSAMP=5	POS TARG null,60	Sequence 1-10 Non-Int in xpup- visit 1 (21) Same Obset in Sequence 1-10 Non-Int in xpup- visit 1 (21)	24.229711 Secs (24.23 Secs) [==>]	[1]
	9	(3) V-X-PUP	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 .90.05 Degrees,Reverse; EXP PCS MODE GYRO	Sequence 1-10 Non-Int in xpup- visit 1 (21) Same Obset in Sequence 1-10 Non-Int in xpup- visit 1 (21)	2.5 Secs (2.5 Secs) [==>]	[1]

Proposal 13686 - xpup- visit 1 (21) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(3) V-X-PUP	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 ,90.05 Degrees,Forward; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in xpup- visit 1 (21) Same Obset in Sequence 1-10 Non-Int in xpup- visit 1 (21)	2.5 Secs (2.5 Secs) [==>]	[1]
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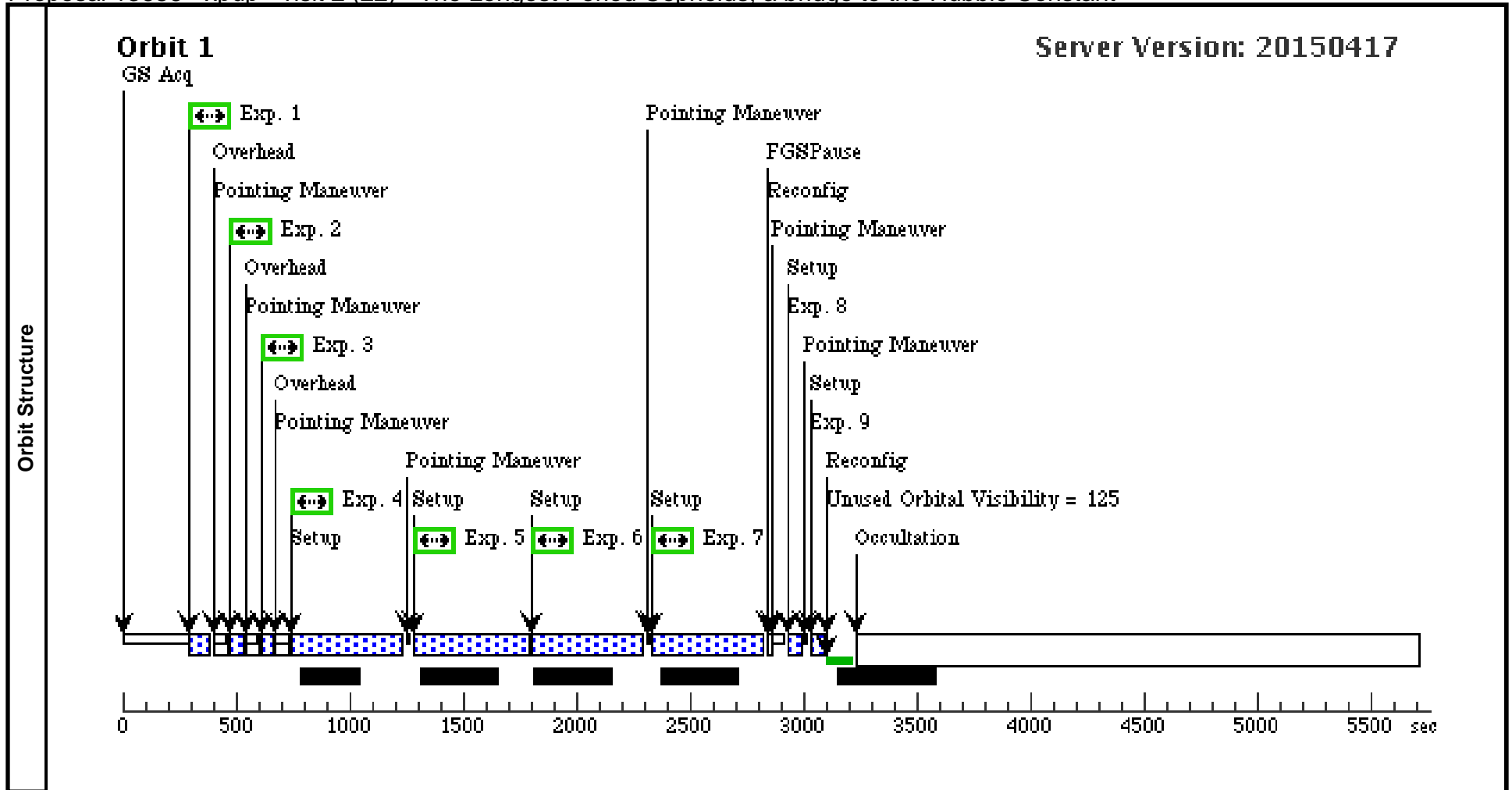
Proposal 13686 - xpup - visit 2 (22) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sun May 17 01:01:39 GMT 2015

Visit	<p>Proposal 13686, xpup - visit 2 (22), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 122D TO 122 D; BETWEEN 15-APR-2015 AND 21-APR-2015</p> <p><i>Comments: same guide stars, orient used in 13334, visit 12</i></p>					
Diagnostics	<p>(xpup - visit 2 (22)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(xpup - visit 2 (22)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(xpup - visit 2 (22)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(xpup - visit 2 (22)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(xpup - visit 2 (22)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(xpup - visit 2 (22)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(xpup - visit 2 (22)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	V-X-PUP	RA: 07 32 47.0339 (113.1959746d) Dec: -20 54 34.88 (-20.90969d) Equinox: J2000		V=8.46	Reference Frame: SIMBAD
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	(4)	V-X-PUP-OFF	RA: 07 32 49.7300 (113.2072083d) Dec: -20 54 20.00 (-20.90556d) Equinox: J2000		V=8.46	Reference Frame: SIMBAD
	<i>Comments: position offset from X Pup to get more bright ref stars</i>					

Proposal 13686 - xpup - visit 2 (22) - The Longest Period Cepheids, a bridge to the Hubble Constant

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(4) V-X-PUP-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GSPAIR S3R900106 2F2S3R9000646F1	Sequence 1-9 Non-Int in xpup - visit 2 (22) Same Obset in Sequence 1-9 Non-Int in xpup - visit 2 (22)	60 Secs (60 Secs) [==>]	[1]
	2	(4) V-X-PUP-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-9 Non-Int in xpup - visit 2 (22) Same Obset in Sequence 1-9 Non-Int in xpup - visit 2 (22)	60 Secs (60 Secs) [==>]	[1]
	3	(4) V-X-PUP-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-9 Non-Int in xpup - visit 2 (22) Same Obset in Sequence 1-9 Non-Int in xpup - visit 2 (22)	30 Secs (30 Secs) [==>]	[1]
	4	(4) V-X-PUP-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-9 Non-Int in xpup - visit 2 (22) Same Obset in Sequence 1-9 Non-Int in xpup - visit 2 (22)	350 Secs (350 Secs) [==>]	[1]
	5	(4) V-X-PUP-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG -3,-65; SPATIAL SCAN 0.3 5,90.05 Degrees,Reverse	Sequence 1-9 Non-Int in xpup - visit 2 (22) Same Obset in Sequence 1-9 Non-Int in xpup - visit 2 (22)	370 Secs (370 Secs) [==>]	[1]
	6	(4) V-X-PUP-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG -3,-65; SPATIAL SCAN 0.3 5,90.05 Degrees,Forward	Sequence 1-9 Non-Int in xpup - visit 2 (22) Same Obset in Sequence 1-9 Non-Int in xpup - visit 2 (22)	370 Secs (370 Secs) [==>]	[1]
	7	(4) V-X-PUP-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-9 Non-Int in xpup - visit 2 (22) Same Obset in Sequence 1-9 Non-Int in xpup - visit 2 (22)	350 Secs (350 Secs) [==>]	[1]
	8	(3) V-X-PUP	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG null,-50; SPATIAL SCAN 7.5 ,90.0 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-9 Non-Int in xpup - visit 2 (22) Same Obset in Sequence 1-9 Non-Int in xpup - visit 2 (22)	6.824216 Secs (6.824 Secs) [==>]	[1]
	9	(3) V-X-PUP	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG null,-65; SPATIAL SCAN 7.5 ,90.0 Degrees,Forward; EXP PCS MODE G YRO	Sequence 1-9 Non-Int in xpup - visit 2 (22) Same Obset in Sequence 1-9 Non-Int in xpup - visit 2 (22)	6.824216 Secs (6.824 Secs) [==>]	[1]



Proposal 13686 - wzsg - visit 2 (23) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sun May 17 01:01:40 GMT 2015

Visit	<p>Proposal 13686, wzsg - visit 2 (23), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 289.0D TO 289.0 D; BETWEEN 22-MAR-2015 AND 27-MAR-2015</p> <p><i>Comments: same guide stars, orient used in 13334, visit 14</i></p>					
Diagnostics	<p>(wzsg - visit 2 (23)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(wzsg - visit 2 (23)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(wzsg - visit 2 (23)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(wzsg - visit 2 (23)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(wzsg - visit 2 (23)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(wzsg - visit 2 (23)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(wzsg - visit 2 (23)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(wzsg - visit 2 (23)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p> <p>(wzsg - visit 2 (23)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	V-WZ-SGR	RA: 18 16 59.7158 (274.2488158d) Dec: -19 04 32.97 (-19.07583d) Equinox: J2000		V=7.85	Reference Frame: SIMBAD
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	(9)	V-WZ-SGR-OFF	RA: 18 17 2.6000 (274.2608333d) Dec: -19 04 12.00 (-19.07000d) Equinox: J2000		V=7.85	Reference Frame: SIMBAD
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					

Proposal 13686 - wzsgr - visit 2 (23) - The Longest Period Cepheids, a bridge to the Hubble Constant

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,72; GSPAIR SA6H0005 44F2SA6H000698F1	Sequence 1-10 Non-Int in wzsgr - visit 2 (23) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (23)	75 Secs (75 Secs) [==>]	[1]
	2	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-10 Non-Int in wzsgr - visit 2 (23) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (23)	75 Secs (75 Secs) [==>]	[1]
	3	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-10 Non-Int in wzsgr - visit 2 (23) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (23)	350 Secs (350 Secs) [==>]	[1]
	4	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG -3,-75; SPATIAL SCAN 0.4 3,90.05 Degrees,Reverse	Sequence 1-10 Non-Int in wzsgr - visit 2 (23) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (23)	348 Secs (348 Secs) [==>]	[1]
	5	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG -3,-75; SPATIAL SCAN 0.4 3,90.05 Degrees,Forward	Sequence 1-10 Non-Int in wzsgr - visit 2 (23) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (23)	348 Secs (348 Secs) [==>]	[1]
	6	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-10 Non-Int in wzsgr - visit 2 (23) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (23)	350 Secs (350 Secs) [==>]	[1]
	7	(9) V-WZ-SGR-OFF	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,-60	Sequence 1-10 Non-Int in wzsgr - visit 2 (23) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (23)	24.229711 Secs (24.23 Secs) [==>]	[1]
	8	(9) V-WZ-SGR-OFF	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,60	Sequence 1-10 Non-Int in wzsgr - visit 2 (23) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (23)	24.229711 Secs (24.23 Secs) [==>]	[1]
	9	(8) V-WZ-SGR	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 .90.05 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in wzsgr - visit 2 (23) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (23)	2.5 Secs (2.5 Secs) [==>]	[1]

Proposal 13686 - wzsgr - visit 2 (23) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(8) V-WZ-SGR	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W	BLADE=A	POS TARG -3,-10.0; SPATIAL SCAN 4.0 ,90.05 Degrees,Forw ard; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in wzsgr - visit 2 (23) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (23)	2.5 Secs (2.5 Secs) [==>]	[1]
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