



## 13334 - The Longest Period Cepheids, a bridge to the Hubble Constant

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>
01	(2) V-KN-CEN	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:21:45.0	yes
51	(2) V-KN-CEN	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:22:00.0	yes
02	(2) V-KN-CEN	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:22:14.0	yes
09	(7) V-RY-SCO	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:22:28.0	yes
10	(7) V-RY-SCO	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:22:41.0	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>
03	(1) V-S-VUL	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:22:53.0	yes
04	(1) V-S-VUL	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:23:05.0	yes
05	(5) V-YZ-CAR	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:23:21.0	yes
06	(5) V-YZ-CAR	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:23:31.0	yes
07	(6) V-VY-CAR	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:23:43.0	yes
08	(6) V-VY-CAR	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:23:54.0	yes
11	(3) V-X-PUP (4) V-X-PUP-OFF	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:24:05.0	yes
12	(3) V-X-PUP (4) V-X-PUP-OFF	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:24:15.0	yes
13	(8) V-WZ-SGR (9) V-WZ-SGR-OFF	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:24:27.0	yes
14	(8) V-WZ-SGR (9) V-WZ-SGR-OFF	WFC3/IR WFC3/UVIS	1	24-Jan-2014 21:24:39.0	yes

15 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 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.

## **OBSERVING DESCRIPTION**

Spatial scans for parallax

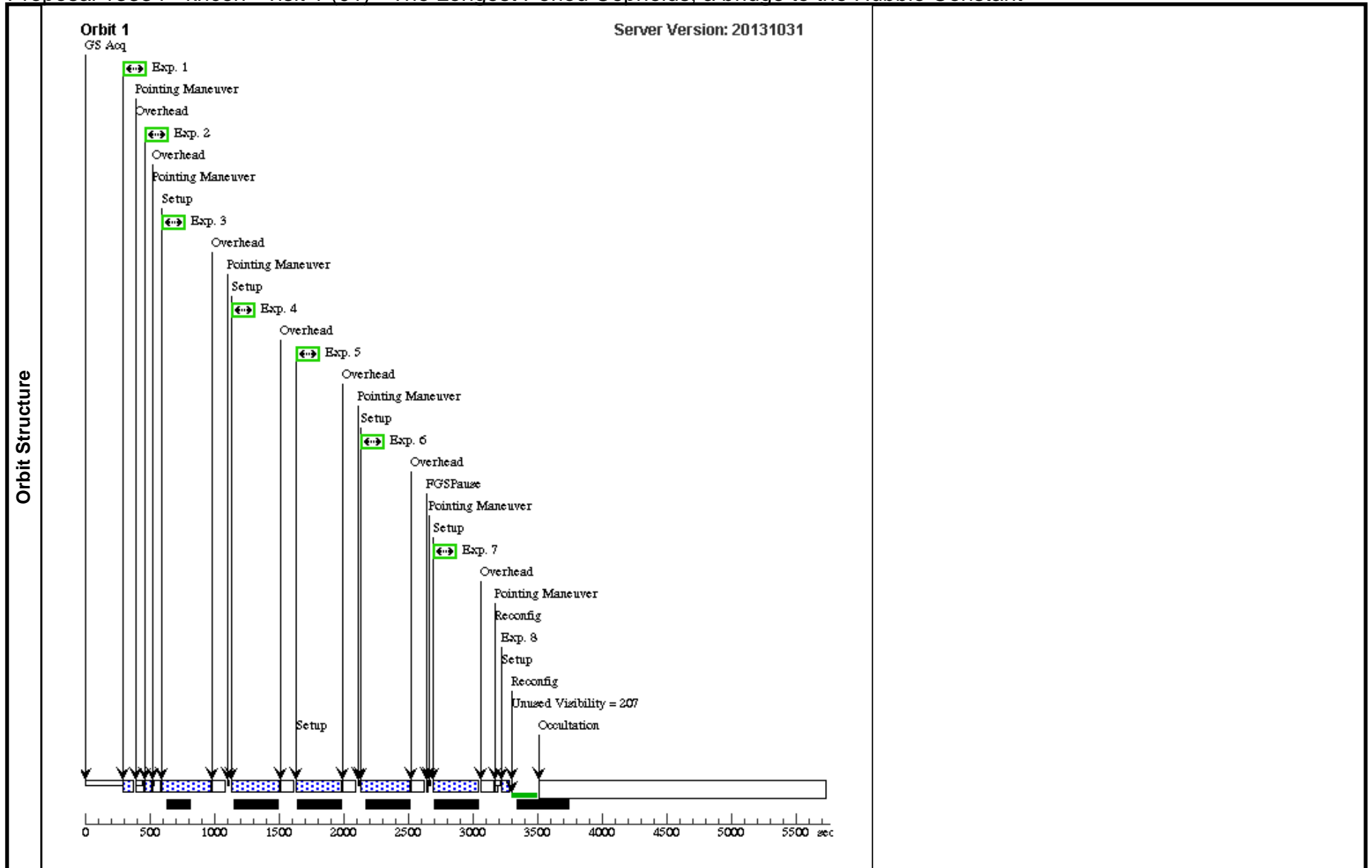
Proposal 13334 - kncen - visit 1 (01) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sat Jan 25 02:24:55 GMT 2014

<b>Visit</b>	<p><b>Proposal 13334, kncen - visit 1 (01), failed</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 144D TO 146 D; BETWEEN 10-AUG-2013 AND 20-AUG-2013</p> <p><i>Comments: the larger orient is better</i></p>					
<b>Diagnostics</b>	<p>(kncen - visit 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (01)) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT</p> <p>(kncen - visit 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(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 13334 - kncen - visit 1 (01) - 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	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-8 Non-Int in kncen - visit 1 (01) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (01)	50 Secs (50 Secs) [==>]	[1]
	2	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-8 Non-Int in kncen - visit 1 (01) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (01)	50 Secs (50 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 1-8 Non-Int in kncen - visit 1 (01) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (01)	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 1-8 Non-Int in kncen - visit 1 (01) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (01)	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 1-8 Non-Int in kncen - visit 1 (01) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (01)	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 1-8 Non-Int in kncen - visit 1 (01) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (01)	350 Secs (350 Secs) [==>]	[1]
	7	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -10,-72; SPATIAL SCAN 1.4 5,90.05 Degrees,Forward,4.0 Arcsec,3; EXP PCS MODE G YRO	Sequence 1-8 Non-Int in kncen - visit 1 (01) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (01)	350 Secs (350 Secs) [==>]	[1]
	8	(2) V-KN-CEN	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-40; SPATIAL SCAN 7.5 ,90.0 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-8 Non-Int in kncen - visit 1 (01) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (01)	10.236324 Secs (10.236 Secs) [==>]	[1]



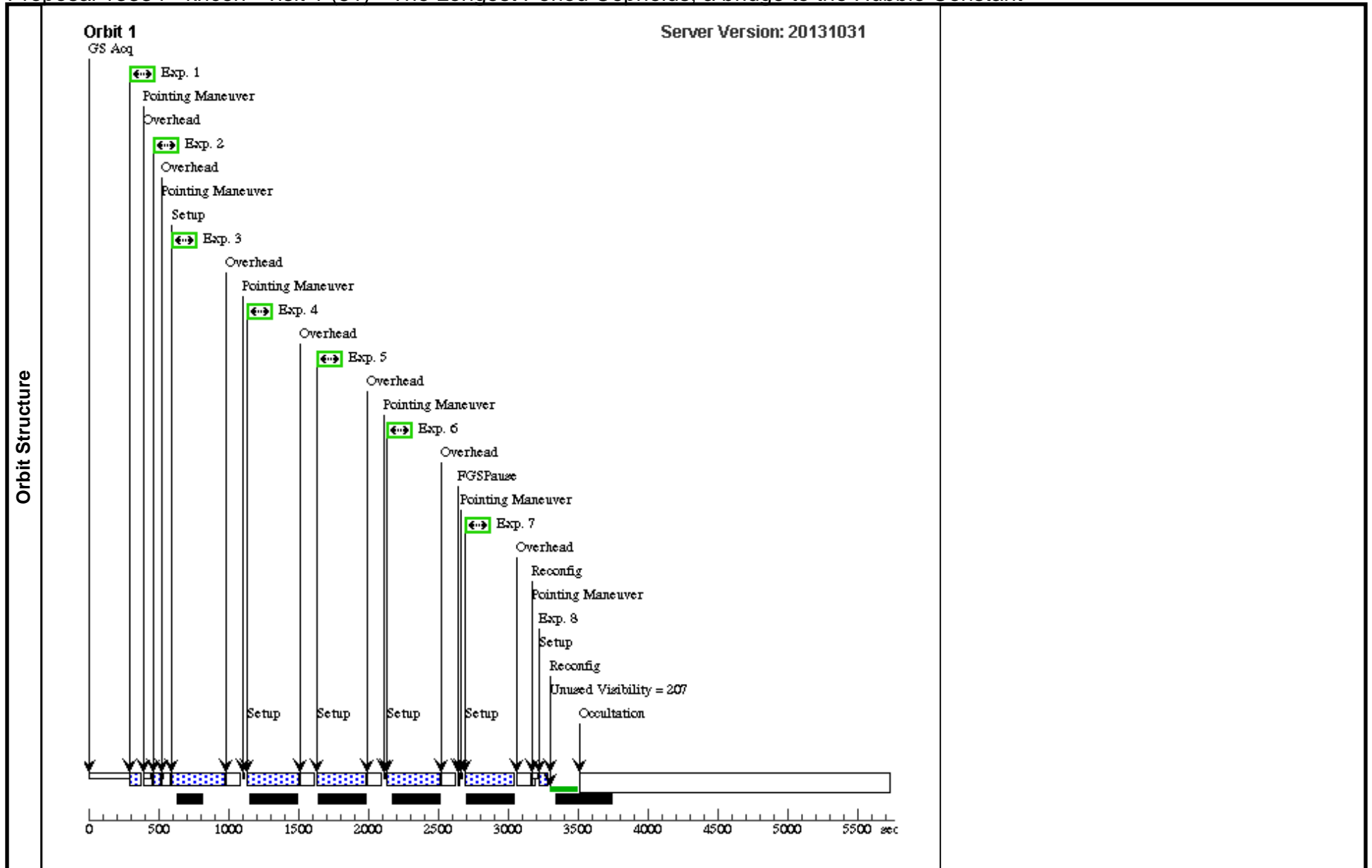
Proposal 13334 - kncen - visit 1 (51) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sat Jan 25 02:24:57 GMT 2014

<b>Visit</b>	<p><b>Proposal 13334, kncen - visit 1 (51), implementation</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 145.8D TO 145.8 D; BETWEEN 10-AUG-2014 AND 20-AUG-2014</p> <p><i>Comments: tweaked orient from 144 to 145.8 to avoid brighter star, shift should be 1.8deg * 12 pix/deg=21.6 pixels</i></p> <p><i>This is a HOPR repeat of visit 1.</i></p>																
	<p>(kncen - visit 1 (51)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (51)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (51)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (51)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (51)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 1 (51)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>																
<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(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 13334 - kncen - visit 1 (51) - 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	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-8 Non-Int in kncen - visit 1 (51) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (51)	50 Secs (50 Secs) [==>]	[1]
	2	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-8 Non-Int in kncen - visit 1 (51) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (51)	50 Secs (50 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 1-8 Non-Int in kncen - visit 1 (51) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (51)	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 1-8 Non-Int in kncen - visit 1 (51) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (51)	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 1-8 Non-Int in kncen - visit 1 (51) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (51)	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 1-8 Non-Int in kncen - visit 1 (51) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (51)	350 Secs (350 Secs) [==>]	[1]
	7	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -10,-72; SPATIAL SCAN 1.4 5,90.05 Degrees,Forward,4.0 Arcsec,3; EXP PCS MODE G YRO	Sequence 1-8 Non-Int in kncen - visit 1 (51) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (51)	350 Secs (350 Secs) [==>]	[1]
	8	(2) V-KN-CEN	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-40; SPATIAL SCAN 7.5 ,90.0 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-8 Non-Int in kncen - visit 1 (51) Same Obset in Sequence 1-8 Non-Int in kncen - visit 1 (51)	10.236324 Secs (10.236 Secs) [==>]	[1]



Proposal 13334 - kncen - visit 2 (02) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sat Jan 25 02:24:59 GMT 2014

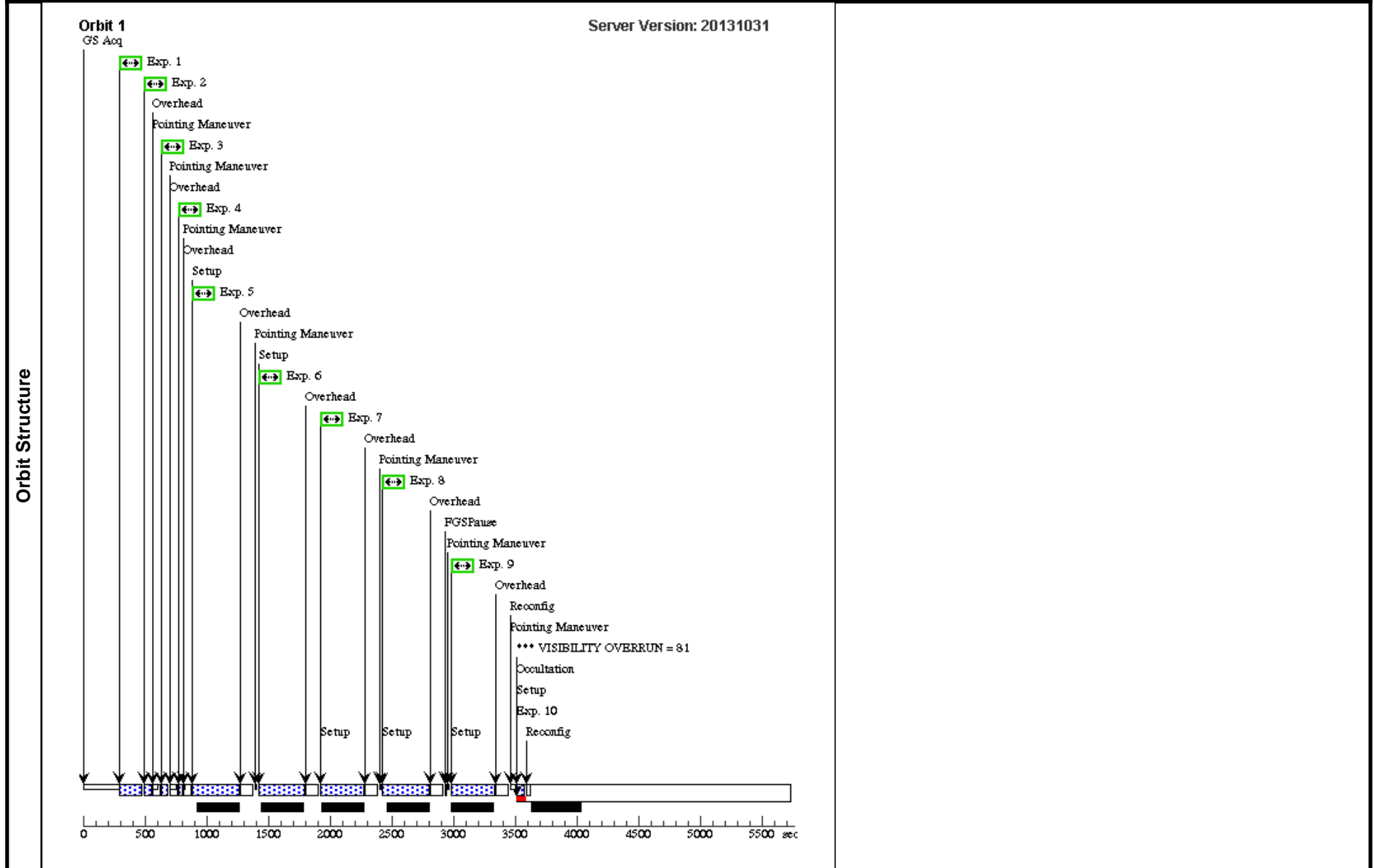
<b>Visit</b>	<p><b>Proposal 13334, kncen - visit 2 (02), implementation</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 325.8D TO 325.8 D; BETWEEN 06-FEB-2014 AND 16-FEB-2014</p> <p><i>Comments: tweaked orient to avoid bright star</i></p>					
<b>Diagnostics</b>	<p>(kncen - visit 2 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 2 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 2 (02)) Warning (Orbit Planner): VISIBILITY OVERRUN</p> <p>(kncen - visit 2 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 2 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 2 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(kncen - visit 2 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(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
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					

Proposal 13334 - kncen - visit 2 (02) - 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,null; GS ACQ SCENARI O BASE1B3	Sequence 1-10 Non-Int in kncen - visit 2 (02) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (02)	80 Secs (80 Secs) [==>]	[1]
	2	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,null	Sequence 1-10 Non-Int in kncen - visit 2 (02) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (02)	40 Secs (40 Secs) [==>]	[1]
	3	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,72	Sequence 1-10 Non-Int in kncen - visit 2 (02) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (02)	30 Secs (30 Secs) [==>]	[1]
	4	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72	Sequence 1-10 Non-Int in kncen - visit 2 (02) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (02)	30 Secs (30 Secs) [==>]	[1]
	5	(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 (02) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (02)	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,Reverse	Sequence 1-10 Non-Int in kncen - visit 2 (02) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (02)	350 Secs (350 Secs) [==>]	[1]
	7	(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 (02) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (02)	350 Secs (350 Secs) [==>]	[1]
	8	(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 (02) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (02)	350 Secs (350 Secs) [==>]	[1]
	9	(2) V-KN-CEN	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG 2,-72; SPATIAL SCAN 1.4 5,90.05 Degrees,Forward,4.0 Arcsec,3; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in kncen - visit 2 (02) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (02)	350 Secs (350 Secs) [==>]	[1]

Proposal 13334 - kncen - visit 2 (02) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(2) V-KN-CEN	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-40; SPATIAL SCAN 7.5 ,90.0 Degrees,Revers e; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in kncen - visit 2 (02) Same Obset in Sequence 1-10 Non-Int in kncen - visit 2 (02)	10.236324 Secs (10.236 Secs) [==>]	[1]
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Proposal 13334 - rysco - visit 1 (09) - The Longest Period Cepheids, a bridge to the Hubble Constant

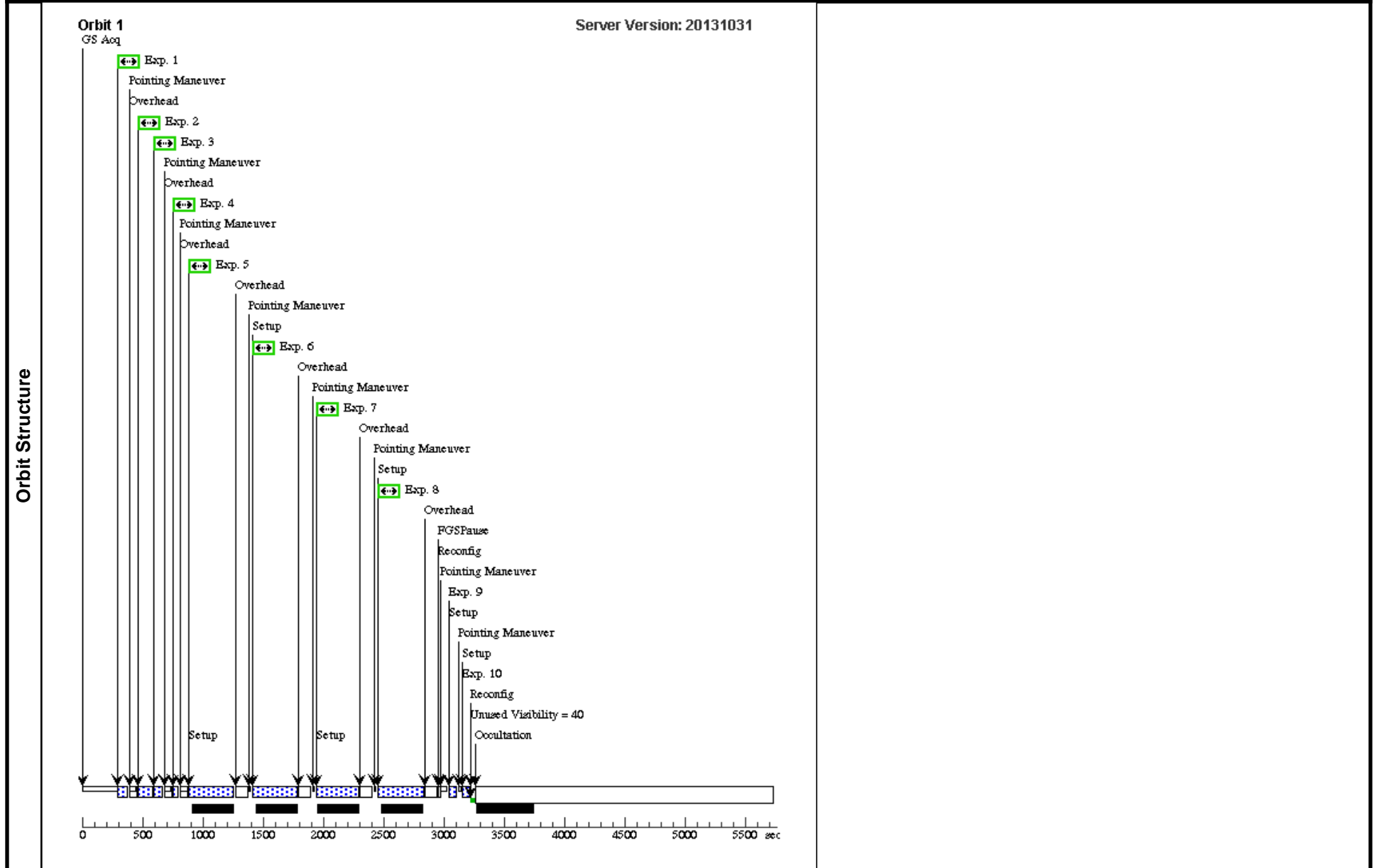
<b>Visit</b>	<p><b>Proposal 13334, rysco - visit 1 (09), completed</b> <span style="float: right;">Sat Jan 25 02:25:01 GMT 2014</span></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 113D TO 113 D; BETWEEN 13-SEP-2013 AND 21-SEP-2013</p>																
	<p>(rysco - visit 1 (09)) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT</p> <p>(rysco - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>																
<b>Fixed Targets</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">#</th> <th style="width: 20%;">Name</th> <th style="width: 25%;">Target Coordinates</th> <th style="width: 20%;">Targ. Coord. Corrections</th> <th style="width: 10%;">Fluxes</th> <th style="width: 20%;">Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(7)</td> <td>V-RY-SCO</td> <td>RA: 17 50 52.3433 (267.7180971d) Dec: -33 42 20.42 (-33.70567d) Equinox: J2000</td> <td></td> <td>V=8.19</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table>					#	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
	#	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 13334 - 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	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-10 Non-Int in rysco - visit 1 (09) Same Obset in Sequence 1-10 Non-Int in rysco - visit 1 (09)	50 Secs (50 Secs) [==>]	[1]
	2	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-10 Non-Int in rysco - visit 1 (09) Same Obset in Sequence 1-10 Non-Int in rysco - visit 1 (09)	50 Secs (50 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 SCENARI O 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 SCENARI O 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 0.4 1,90.05 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 0.4 3,90.05 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 0.3 89,90.05 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 0.4 1,90.05 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/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-40; SPATIAL SCAN 7.5 .90.0 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)	10.236324 Secs (10.236 Secs) [==>]	[1]

Proposal 13334 - rysco - visit 1 (09) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(7) V-RY-SCO	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=13	POS TARG -3,-35; SPATIAL SCAN 6.0 ,90.0 Degrees,Forward; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in rysco - visit 1 (09) Same Obset in Sequence 1-10 Non-Int in r ysco - visit 1 (09)	11.089351 Secs (11.089 Secs) [==>]	[1]
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Proposal 13334 - rysco - visit 2 (10) - The Longest Period Cepheids, a bridge to the Hubble Constant

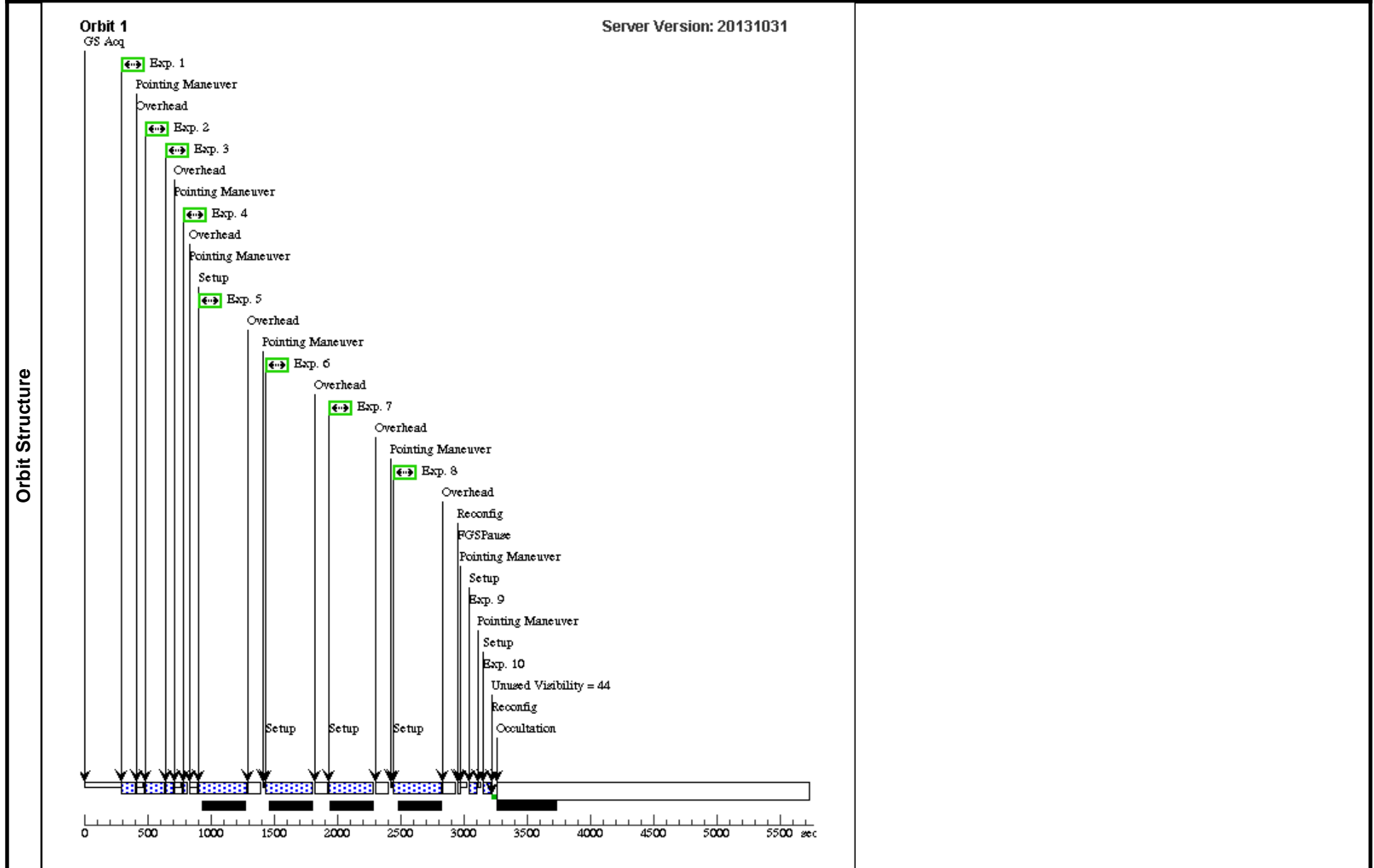
<b>Visit</b>	<p>Proposal 13334, rysco - visit 2 (10), scheduling <span style="float: right;">Sat Jan 25 02:25:02 GMT 2014</span></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 180D TO 180D FROM 09: BETWEEN 26-MAR-2014 AND 01-APR-2014</p>																
	<p>(rysco - visit 2 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 2 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 2 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 2 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 2 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 2 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(rysco - visit 2 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>																
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	#	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 13334 - rysco - visit 2 (10) - 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	F336W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,72; GS ACQ SCENARI O BASE1B3	Sequence 1-10 Non-Int in rysco - visit 2 (10) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (10)	75 Secs (75 Secs) [==>]	[1]
	2	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72	Sequence 1-10 Non-Int in rysco - visit 2 (10) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (10)	75 Secs (75 Secs) [==>]	[1]
	3	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72	Sequence 1-10 Non-Int in rysco - visit 2 (10) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (10)	40 Secs (40 Secs) [==>]	[1]
	4	(7) V-RY-SCO	WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,72	Sequence 1-10 Non-Int in rysco - visit 2 (10) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (10)	30 Secs (30 Secs) [==>]	[1]
	5	(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 (10) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (10)	350 Secs (350 Secs) [==>]	[1]
	6	(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 (10) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (10)	350 Secs (350 Secs) [==>]	[1]
	7	(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 (10) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (10)	350 Secs (350 Secs) [==>]	[1]
	8	(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 (10) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (10)	350 Secs (350 Secs) [==>]	[1]
	9	(7) V-RY-SCO	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-40; SPATIAL SCAN 7.5 .90.0 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in rysco - visit 2 (10) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (10)	10.236324 Secs (10.236 Secs) [==>]	[1]

Proposal 13334 - rysco - visit 2 (10) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(7) V-RY-SCO	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=13	POS TARG -3,-35; SPATIAL SCAN 6.0,90.0 Degrees,Forward; EXP PCS MODE GYRO	Sequence 1-10 Non-Int in rysco - visit 2 (10) Same Obset in Sequence 1-10 Non-Int in rysco - visit 2 (10)	11.089351 Secs (11.089 Secs) [==>]	[1]
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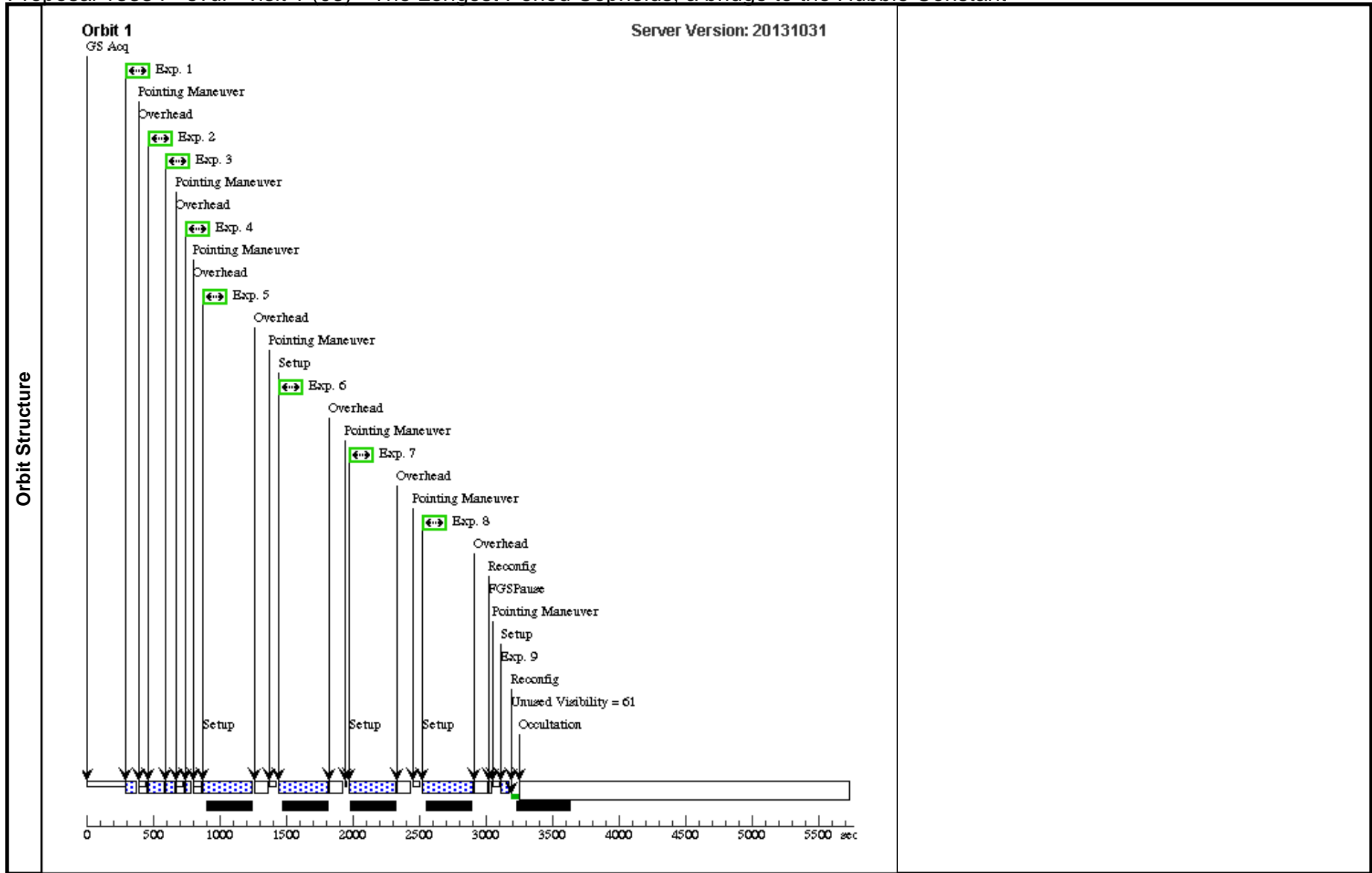


Proposal 13334 - svul - visit 1 (03) - The Longest Period Cepheids, a bridge to the Hubble Constant

<b>Visit</b>	<p>Proposal 13334, svul - visit 1 (03), completed <span style="float: right;">Sat Jan 25 02:25:04 GMT 2014</span>  <b>Diagnostic Status: Warning</b>                  Scientific Instruments: WFC3/IR, WFC3/UVIS                  Special Requirements: ORIENT 97D TO 97 D; BETWEEN 25-OCT-2013 AND 01-NOV-2013</p>																
	<p>(svul - visit 1 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING                  (svul - visit 1 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING                  (svul - visit 1 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING                  (svul - visit 1 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING                  (svul - visit 1 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING                  (svul - visit 1 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>																
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	#	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 13334 - svul - visit 1 (03) - The Longest Period Cepheids, a bridge to the Hubble Constant

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARIO BASE1B3	Sequence 1-9 Non-Int in svul - visit 1 (03) Same Obset in Sequence 1-9 Non-Int in svul - visit 1 (03)	50 Secs (50 Secs) [==>]	[1]	
	2	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-9 Non-Int in svul - visit 1 (03) Same Obset in Sequence 1-9 Non-Int in svul - visit 1 (03)	50 Secs (50 Secs) [==>]	[1]	
	3	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-9 Non-Int in svul - visit 1 (03) Same Obset in Sequence 1-9 Non-Int in svul - visit 1 (03)	40 Secs (40 Secs) [==>]	[1]	
	4	(1) V-S-VUL	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-9 Non-Int in svul - visit 1 (03) Same Obset in Sequence 1-9 Non-Int in svul - visit 1 (03)	40 Secs (40 Secs) [==>]	[1]	
	5	(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 1 (03) Same Obset in Sequence 1-9 Non-Int in svul - visit 1 (03)	350 Secs (350 Secs) [==>]	[1]	
	6	(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 1-9 Non-Int in svul - visit 1 (03) Same Obset in Sequence 1-9 Non-Int in svul - visit 1 (03)	350 Secs (350 Secs) [==>]	[1]	
	7	(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 1-9 Non-Int in svul - visit 1 (03) Same Obset in Sequence 1-9 Non-Int in svul - visit 1 (03)	350 Secs (350 Secs) [==>]	[1]	
	8	(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 1 (03) Same Obset in Sequence 1-9 Non-Int in svul - visit 1 (03)	350 Secs (350 Secs) [==>]	[1]	
	9	(1) V-S-VUL	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID; NSAMP=12	POS TARG -3,-40; SPATIAL SCAN 7.5 ,90.0 Degrees,Reverse; EXP PCS MODE GYRO	Sequence 1-9 Non-Int in svul - visit 1 (03) Same Obset in Sequence 1-9 Non-Int in svul - visit 1 (03)	10.236324 Secs (10.236 Secs) [==>]	[1]	

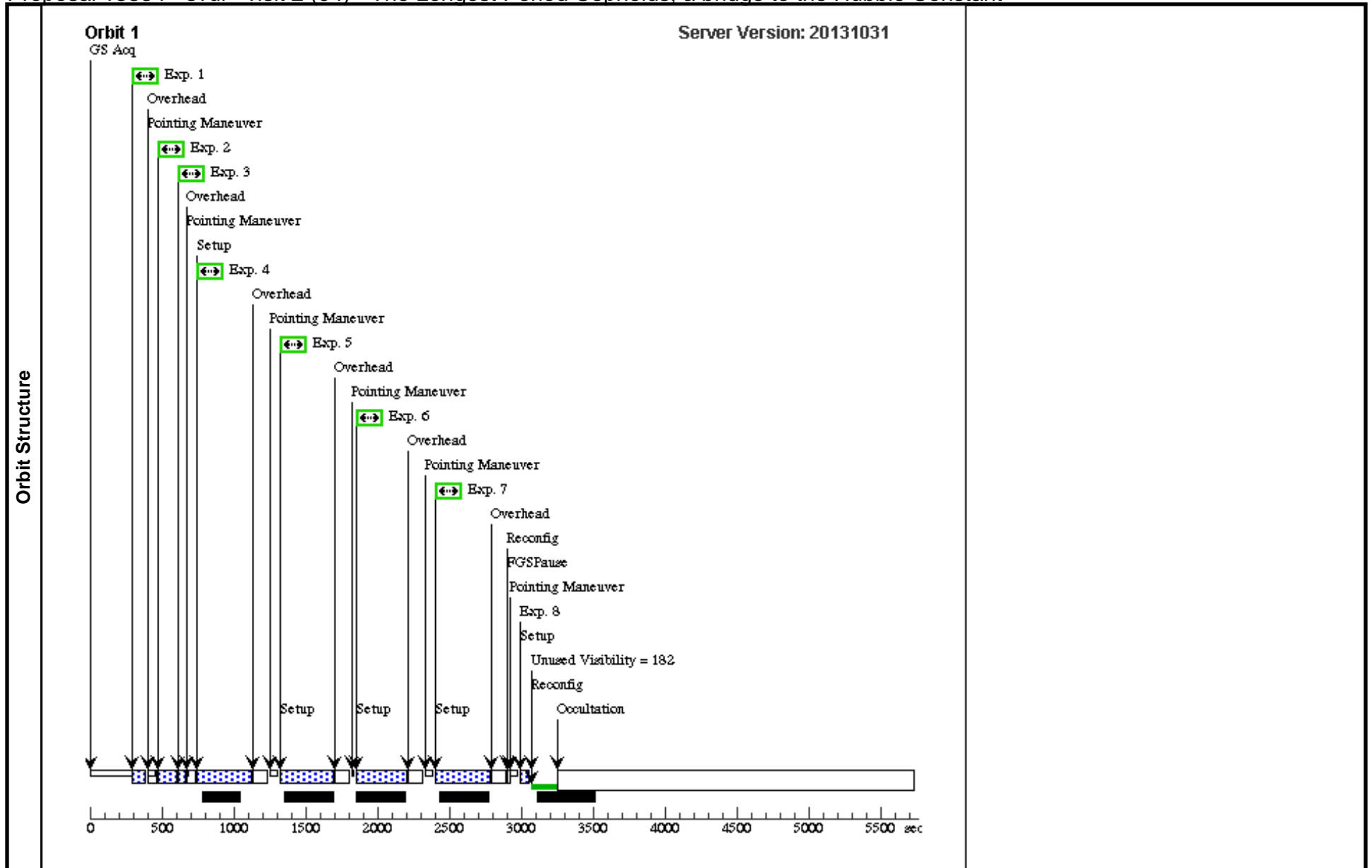


Proposal 13334 - svul - visit 2 (04) - The Longest Period Cepheids, a bridge to the Hubble Constant

<b>Visit</b>	Proposal 13334, svul - visit 2 (04), scheduling <span style="float: right;">Sat Jan 25 02:25:05 GMT 2014</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 277D TO 277 D; BETWEEN 28-MAR-2014 AND 04-APR-2014																
	<b>Diagnostics</b>	(svul - visit 2 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING															
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	#	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												
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>																	

Proposal 13334 - svul - visit 2 (04) - The Longest Period Cepheids, a bridge to the Hubble Constant

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) V-S-VUL		WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,72; GS ACQ SCENARI O BASE1B3	Sequence 1-8 Non-Int in svul - visit 2 (04) Same Obset in Sequence 1-8 Non-Int in svul - visit 2 (04)	60 Secs (60 Secs) [==>]	[1]
	2	(1) V-S-VUL		WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72	Sequence 1-8 Non-Int in svul - visit 2 (04) Same Obset in Sequence 1-8 Non-Int in svul - visit 2 (04)	60 Secs (60 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 1-8 Non-Int in svul - visit 2 (04) Same Obset in Sequence 1-8 Non-Int in svul - visit 2 (04)	30 Secs (30 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 1-8 Non-Int in svul - visit 2 (04) Same Obset in Sequence 1-8 Non-Int in svul - visit 2 (04)	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 1-8 Non-Int in svul - visit 2 (04) Same Obset in Sequence 1-8 Non-Int in svul - visit 2 (04)	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 1-8 Non-Int in svul - visit 2 (04) Same Obset in Sequence 1-8 Non-Int in svul - visit 2 (04)	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 1-8 Non-Int in svul - visit 2 (04) Same Obset in Sequence 1-8 Non-Int in svul - visit 2 (04)	350 Secs (350 Secs) [==>]	[1]
	8	(1) V-S-VUL		WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-40; SPATIAL SCAN 7.5 ,90.0 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-8 Non-Int in svul - visit 2 (04) Same Obset in Sequence 1-8 Non-Int in svul - visit 2 (04)	10.236324 Secs (10.236 Secs) [==>]	[1]



Proposal 13334 - yzcar- visit 1 (05) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sat Jan 25 02:25:06 GMT 2014

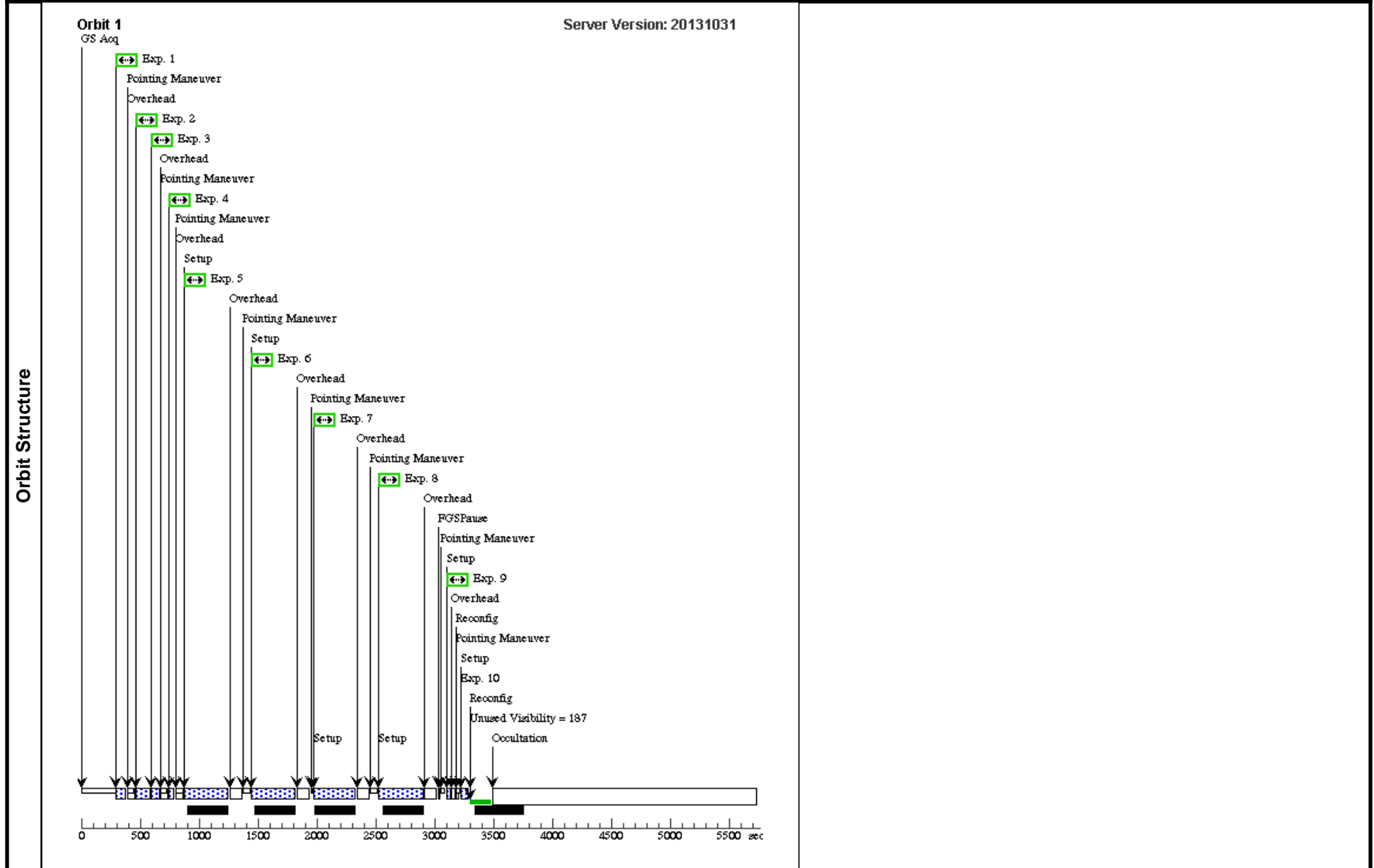
<b>Visit</b>	<p><b>Proposal 13334, yzcar- visit 1 (05), completed</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 151.5D TO 154 D; BETWEEN 05-JUL-2013 AND 13-JUL-2013</p>					
<b>Diagnostics</b>	<p>(yzcar- visit 1 (05)) 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> <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>					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(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 13334 - 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	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-10 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-10 Non-Int in yzcar- visit 1 (05)	50 Secs (50 Secs) [==>]	[1]
	2	(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 1-10 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-10 Non-Int in yzcar- visit 1 (05)	50 Secs (50 Secs) [==>]	[1]
	3	(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 1-10 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-10 Non-Int in yzcar- visit 1 (05)	40 Secs (40 Secs) [==>]	[1]
	4	(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 1-10 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-10 Non-Int in yzcar- visit 1 (05)	40 Secs (40 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 1-10 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-10 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 1-10 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-10 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 1-10 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-10 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 1-10 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-10 Non-Int in yzcar- visit 1 (05)	350 Secs (350 Secs) [==>]	[1]
	9	(5) V-YZ-CAR	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W		POS TARG -3,-4.0; SPATIAL SCAN 4.0 .90.05 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-10 Non-Int in yzcar- visit 1 (05)	2.0 Secs (2 Secs) [==>]	[1]

Proposal 13334 - 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,-40; SPATIAL SCAN 7.5 ,90.0 Degrees,Forward; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in yzcar- visit 1 (05) Same Obset in Sequence 1-10 Non-Int in yzcar- visit 1 (05)	10.236324 Secs (10.236 Secs) [==>]	[1]
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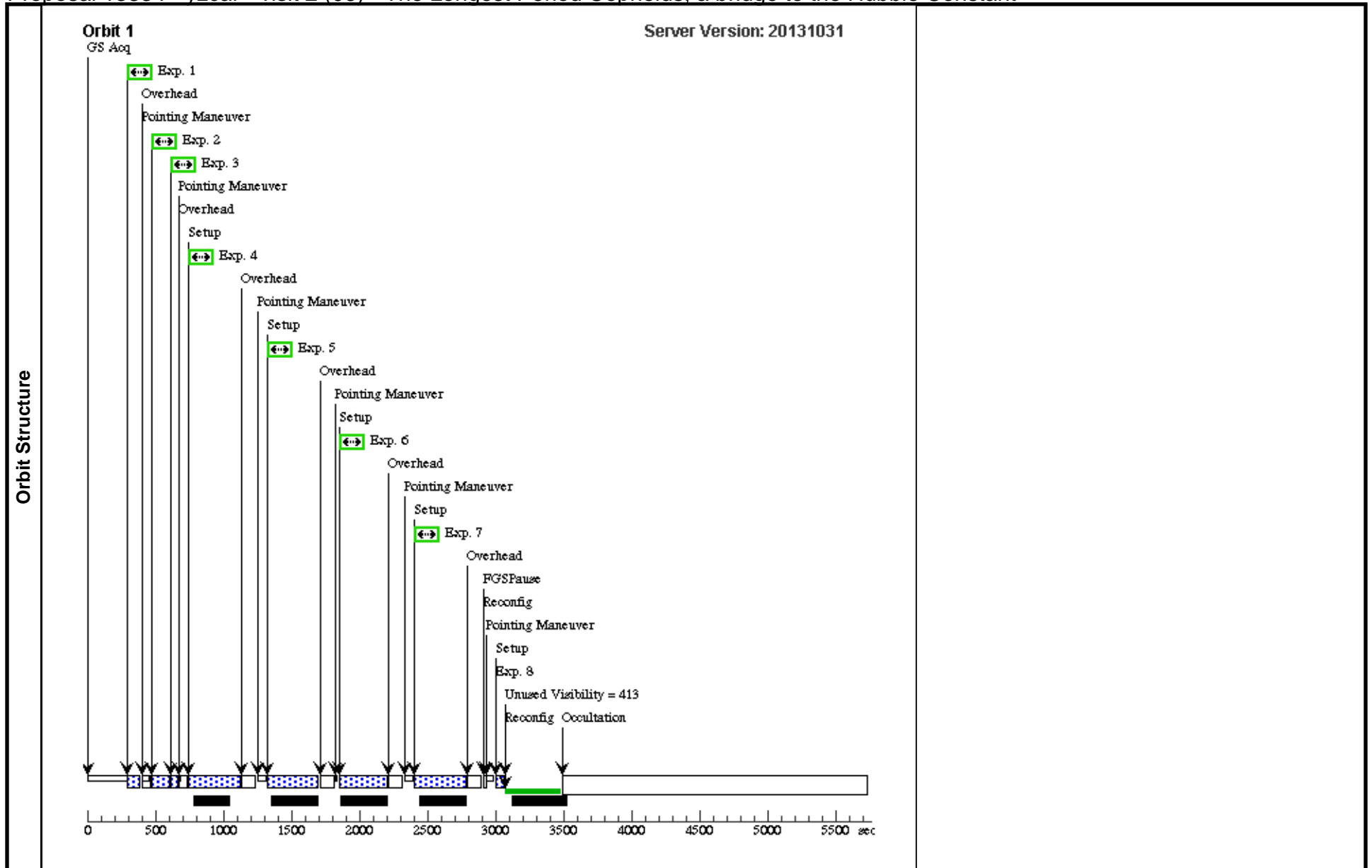


Proposal 13334 - yzcar - visit 2 (06) - The Longest Period Cepheids, a bridge to the Hubble Constant

<b>Visit</b>	<b>Proposal 13334, yzcar - visit 2 (06), completed</b> <span style="float: right;">Sat Jan 25 02:25:07 GMT 2014</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 180D TO 180D FROM 05: BETWEEN 04-JAN-2014 AND 12-JAN-2014																
	<b>Diagnosics</b> (yzcar - visit 2 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (yzcar - visit 2 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (yzcar - visit 2 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (yzcar - visit 2 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (yzcar - visit 2 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING																
<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>V-YZ-CAR</td> <td>RA: 10 28 16.8469 (157.0701954d) Dec: -59 21 0.67 (-59.35019d) Equinox: J2000</td> <td></td> <td>V=8.69</td> <td>Reference Frame: SIMBAD</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
	#	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												
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.																	

Proposal 13334 - yzcar - visit 2 (06) - The Longest Period Cepheids, a bridge to the Hubble Constant

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(5) V-YZ-CAR		WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,72; GS ACQ SCENARI O BASE1B3	Sequence 1-8 Non-Int in yzcar - visit 2 (06)  Same Obset in Sequence 1-8 Non-Int in yzcar - visit 2 (06)	60 Secs (60 Secs) [==>]	[1]
	2	(5) V-YZ-CAR		WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72	Sequence 1-8 Non-Int in yzcar - visit 2 (06)  Same Obset in Sequence 1-8 Non-Int in yzcar - visit 2 (06)	60 Secs (60 Secs) [==>]	[1]
	3	(5) V-YZ-CAR		WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72	Sequence 1-8 Non-Int in yzcar - visit 2 (06)  Same Obset in Sequence 1-8 Non-Int in yzcar - visit 2 (06)	30 Secs (30 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 1-8 Non-Int in yzcar - visit 2 (06)  Same Obset in Sequence 1-8 Non-Int in yzcar - visit 2 (06)	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 1-8 Non-Int in yzcar - visit 2 (06)  Same Obset in Sequence 1-8 Non-Int in yzcar - visit 2 (06)	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 1-8 Non-Int in yzcar - visit 2 (06)  Same Obset in Sequence 1-8 Non-Int in yzcar - visit 2 (06)	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 1-8 Non-Int in yzcar - visit 2 (06)  Same Obset in Sequence 1-8 Non-Int in yzcar - visit 2 (06)	350 Secs (350 Secs) [==>]	[1]
	8	(5) V-YZ-CAR		WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-40; SPATIAL SCAN 7.5 ,90.0 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-8 Non-Int in yzcar - visit 2 (06)  Same Obset in Sequence 1-8 Non-Int in yzcar - visit 2 (06)	10.236324 Secs (10.236 Secs) [==>]	[1]



Proposal 13334 - vycar- visit 1 (07) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sat Jan 25 02:25:08 GMT 2014

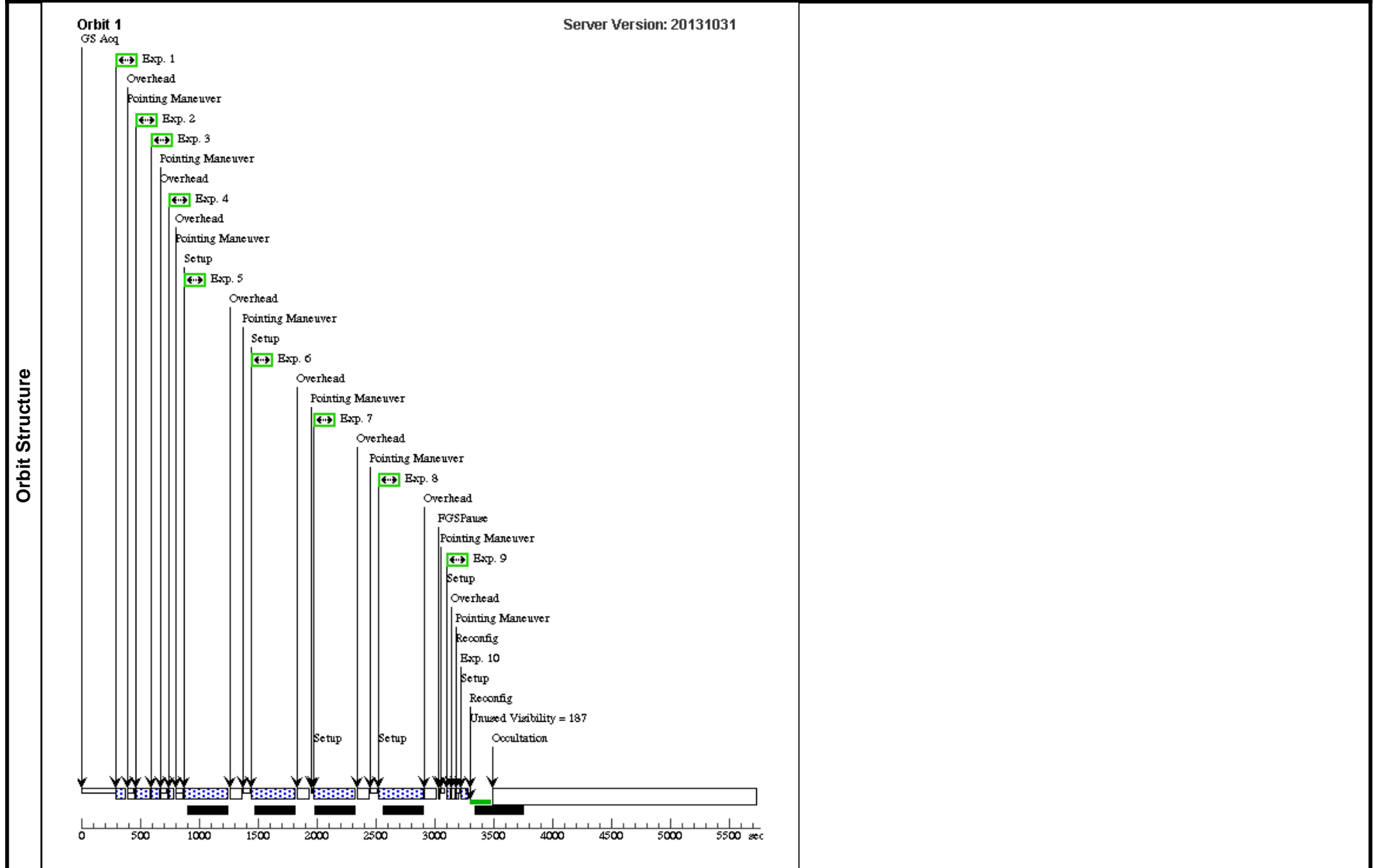
<b>Visit</b>	<p><b>Proposal 13334, vycar- visit 1 (07), completed</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 147D TO 149 D; BETWEEN 07-JUL-2013 AND 14-JUL-2013</p>					
<b>Diagnostics</b>	<p>(vycar- visit 1 (07)) 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): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(vycar- visit 1 (07)) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT</p>					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(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 13334 - vycar- visit 1 (07) - The Longest Period Cepheids, a bridge to the Hubble Constant

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-10 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-10 Non-Int in vycar- visit 1 (07)	50 Secs (50 Secs) [==>]	[1]	
	2	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-10 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-10 Non-Int in vycar- visit 1 (07)	50 Secs (50 Secs) [==>]	[1]	
	3	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-10 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-10 Non-Int in vycar- visit 1 (07)	40 Secs (40 Secs) [==>]	[1]	
	4	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-10 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-10 Non-Int in vycar- visit 1 (07)	40 Secs (40 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 1-10 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-10 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 1-10 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-10 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 1-10 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-10 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 1-10 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-10 Non-Int in vycar- visit 1 (07)	350 Secs (350 Secs) [==>]	[1]	
	9	(6) V-VY-CAR	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F555W		POS TARG -3,-4.0; SPATIAL SCAN 4.0 .90.05 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-10 Non-Int in vycar- visit 1 (07)	2.0 Secs (2 Secs) [==>]	[1]	

Proposal 13334 - 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,-40; SPATIAL SCAN 7.5 ,90.0 Degrees,Forward; EXP PCS MODE GYRO	Sequence 1-10 Non-Int in vycar- visit 1 (07) Same Obset in Sequence 1-10 Non-Int in vycar- visit 1 (07)	10.236324 Secs (10.236 Secs) [==>]	[1]
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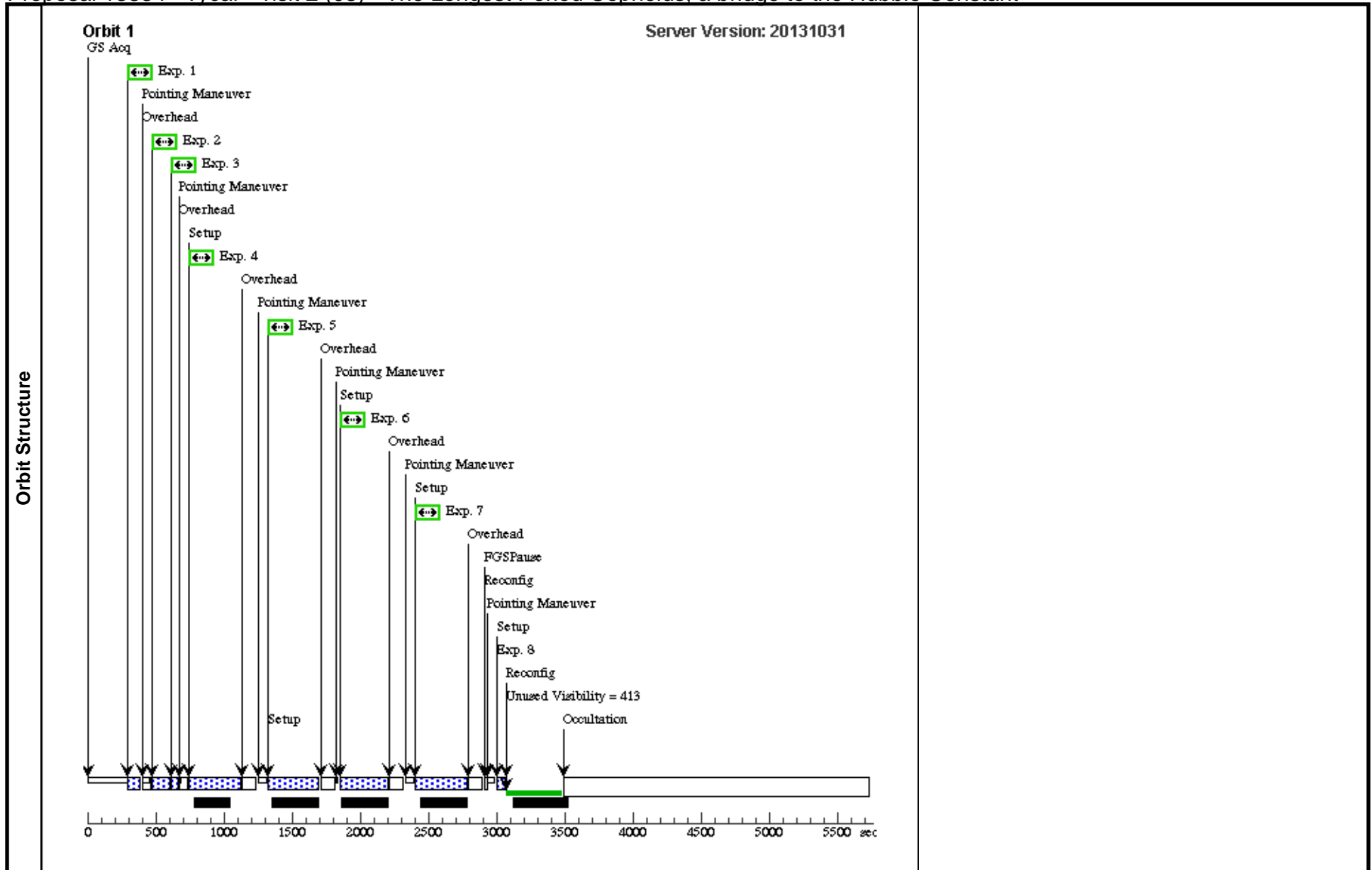


Proposal 13334 - vycar - visit 2 (08) - The Longest Period Cepheids, a bridge to the Hubble Constant

<b>Visit</b>	<b>Proposal 13334, vycar - visit 2 (08), completed</b> <span style="float: right;">Sat Jan 25 02:25:10 GMT 2014</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 180D TO 180D FROM 07: BETWEEN 05-JAN-2014 AND 13-JAN-2014																
	<b>Diagnostics</b>	(vycar - visit 2 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING															
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<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(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>	#	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												

Proposal 13334 - vycar - visit 2 (08) - The Longest Period Cepheids, a bridge to the Hubble Constant

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(6) V-VY-CAR		WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,72; GS ACQ SCENARI O BASE1B3	Sequence 1-8 Non-Int in vycar - visit 2 (08) Same Obset in Sequence 1-8 Non-Int in vycar - visit 2 (08)	60 Secs (60 Secs) [==>]	[1]
	2	(6) V-VY-CAR		WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72	Sequence 1-8 Non-Int in vycar - visit 2 (08) Same Obset in Sequence 1-8 Non-Int in vycar - visit 2 (08)	60 Secs (60 Secs) [==>]	[1]
	3	(6) V-VY-CAR		WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG 3,-72	Sequence 1-8 Non-Int in vycar - visit 2 (08) Same Obset in Sequence 1-8 Non-Int in vycar - visit 2 (08)	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 1-8 Non-Int in vycar - visit 2 (08) Same Obset in Sequence 1-8 Non-Int in vycar - visit 2 (08)	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 1-8 Non-Int in vycar - visit 2 (08) Same Obset in Sequence 1-8 Non-Int in vycar - visit 2 (08)	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 1-8 Non-Int in vycar - visit 2 (08) Same Obset in Sequence 1-8 Non-Int in vycar - visit 2 (08)	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 1-8 Non-Int in vycar - visit 2 (08) Same Obset in Sequence 1-8 Non-Int in vycar - visit 2 (08)	350 Secs (350 Secs) [==>]	[1]
	8	(6) V-VY-CAR		WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-40; SPATIAL SCAN 7.5 ,90.0 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-8 Non-Int in vycar - visit 2 (08) Same Obset in Sequence 1-8 Non-Int in vycar - visit 2 (08)	10.236324 Secs (10.236 Secs) [==>]	[1]



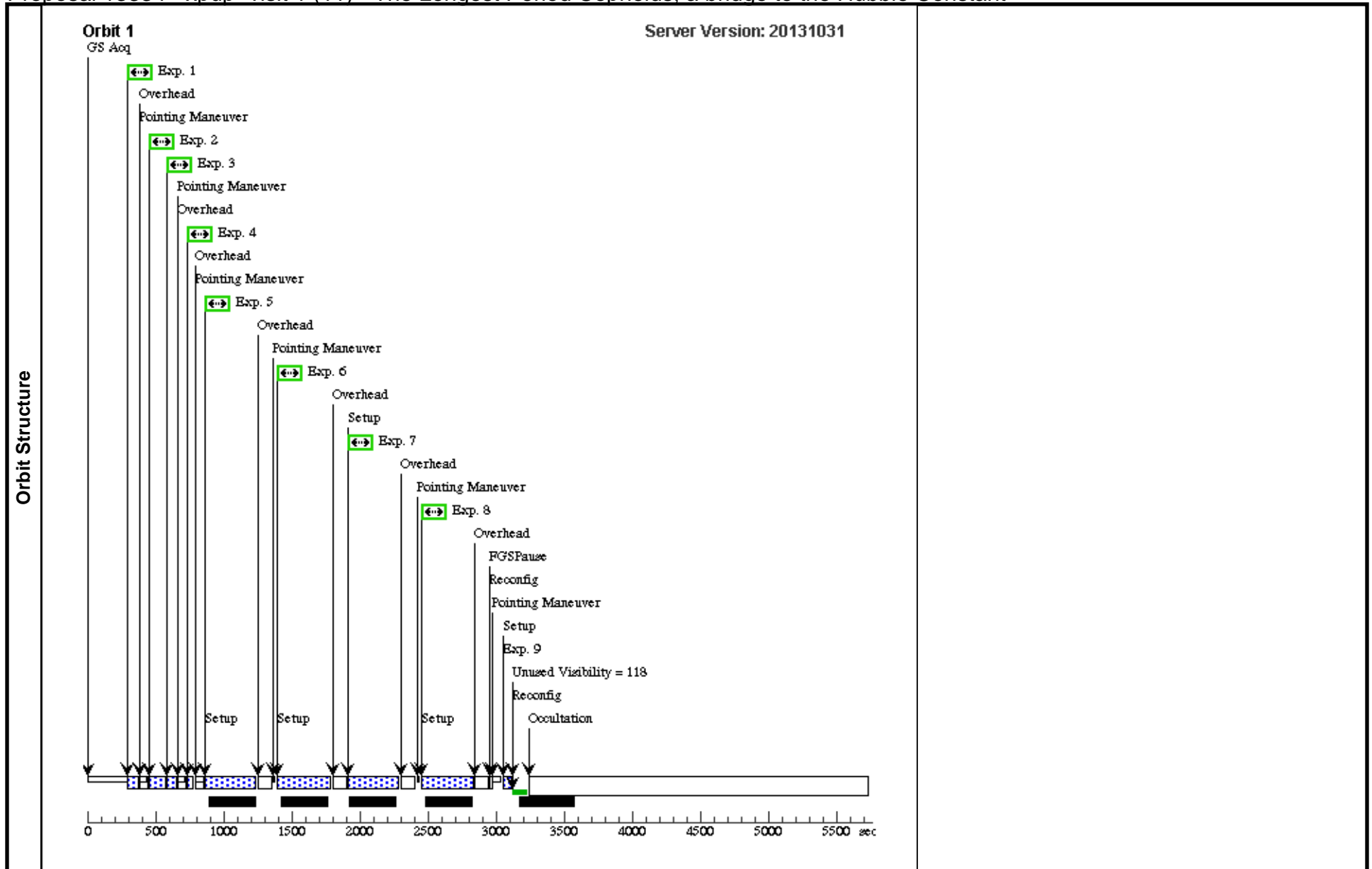
Proposal 13334 - xpup- visit 1 (11) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sat Jan 25 02:25:11 GMT 2014

<b>Visit</b>	<p><b>Proposal 13334, xpup- visit 1 (11), completed</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ORIENT 302D TO 304 D; BETWEEN 18-OCT-2013 AND 25-OCT-2013</p> <p><i>Comments: 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>					
	<p>(xpup- visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(xpup- visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(xpup- visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(xpup- visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(xpup- visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(xpup- visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(xpup- visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(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 13334 - xpup- visit 1 (11) - The Longest Period Cepheids, a bridge to the Hubble Constant

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(4) V-X-PUP-OFF		WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-9 Non-Int in xpup- visit 1 (11) Same Obset in Sequence 1-9 Non-Int in xpup- visit 1 (11)	45 Secs (45 Secs) [==>]	[1]
	2	(4) V-X-PUP-OFF		WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-9 Non-Int in xpup- visit 1 (11) Same Obset in Sequence 1-9 Non-Int in xpup- visit 1 (11)	45 Secs (45 Secs) [==>]	[1]
	3	(4) V-X-PUP-OFF		WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-9 Non-Int in xpup- visit 1 (11) Same Obset in Sequence 1-9 Non-Int in xpup- visit 1 (11)	40 Secs (40 Secs) [==>]	[1]
	4	(4) V-X-PUP-OFF		WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-9 Non-Int in xpup- visit 1 (11) Same Obset in Sequence 1-9 Non-Int in xpup- visit 1 (11)	40 Secs (40 Secs) [==>]	[1]
	5	(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 1 (11) Same Obset in Sequence 1-9 Non-Int in xpup- visit 1 (11)	350 Secs (350 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,Reverse	Sequence 1-9 Non-Int in xpup- visit 1 (11) Same Obset in Sequence 1-9 Non-Int in xpup- visit 1 (11)	370 Secs (370 Secs) [==>]	[1]
	7	(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 1 (11) Same Obset in Sequence 1-9 Non-Int in xpup- visit 1 (11)	370 Secs (370 Secs) [==>]	[1]
	8	(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 1 (11) Same Obset in Sequence 1-9 Non-Int in xpup- visit 1 (11)	350 Secs (350 Secs) [==>]	[1]
	9	(3) V-X-PUP		WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-40; SPATIAL SCAN 7.5 ,90.0 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-9 Non-Int in xpup- visit 1 (11) Same Obset in Sequence 1-9 Non-Int in xpup- visit 1 (11)	10.236324 Secs (10.236 Secs) [==>]	[1]



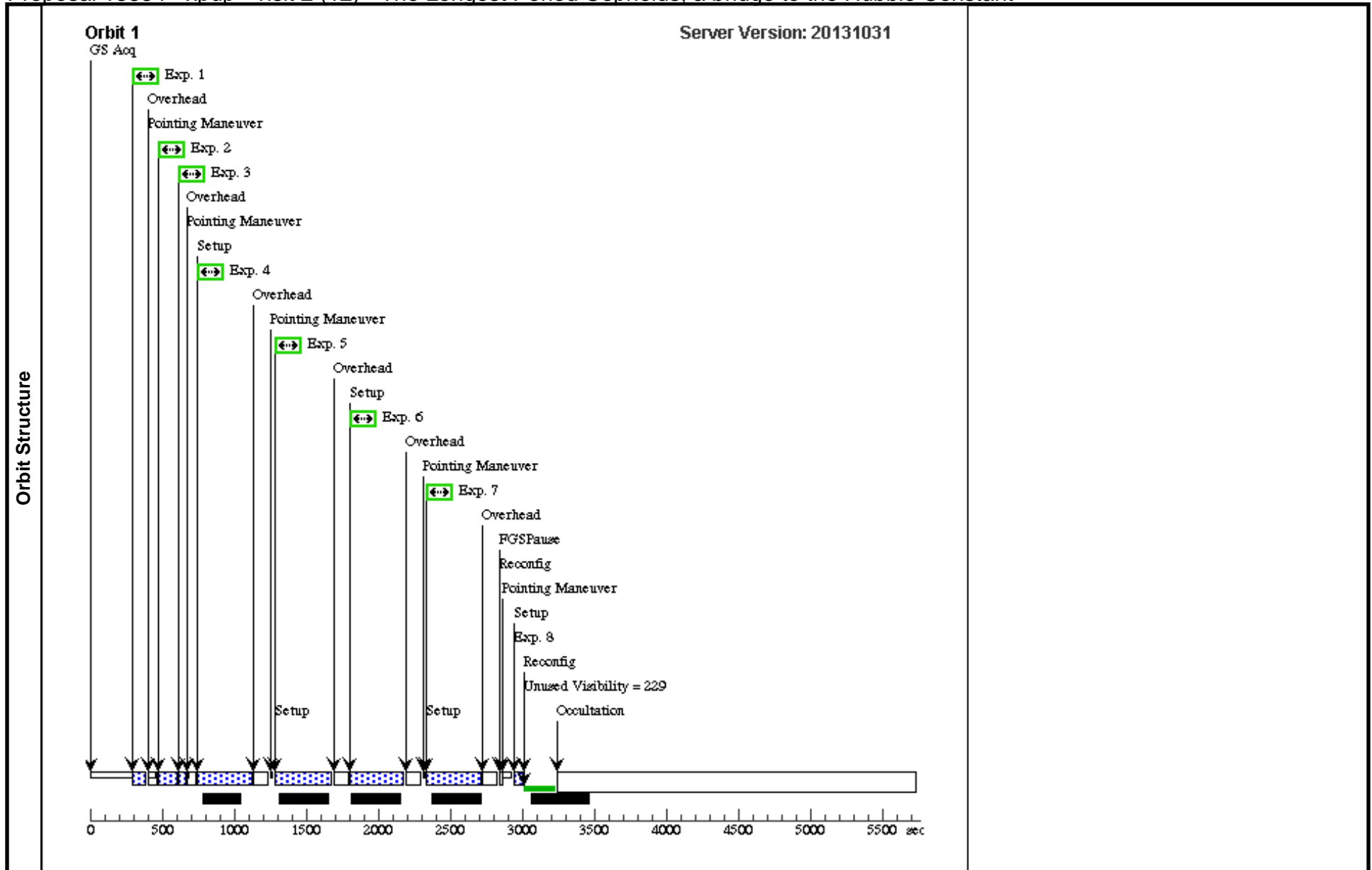
Proposal 13334 - xpup - visit 2 (12) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sat Jan 25 02:25:12 GMT 2014

<b>Visit</b>	<b>Proposal 13334, xpup - visit 2 (12), scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 180D TO 180D FROM 11; BETWEEN 15-APR-2014 AND 21-APR-2014					
<b>Diagnostics</b>	(xpup - visit 2 (12)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (xpup - visit 2 (12)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (xpup - visit 2 (12)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (xpup - visit 2 (12)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (xpup - visit 2 (12)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (xpup - visit 2 (12)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(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 13334 - xpup - visit 2 (12) - 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	F336W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-8 Non-Int in xpup - visit 2 (12)  Same Obset in Sequence 1-8 Non-Int in xpup - visit 2 (12)	60 Secs (60 Secs) [==>]	[1]
	2	(4) V-X-PUP-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-8 Non-Int in xpup - visit 2 (12)  Same Obset in Sequence 1-8 Non-Int in xpup - visit 2 (12)	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 1-8 Non-Int in xpup - visit 2 (12)  Same Obset in Sequence 1-8 Non-Int in xpup - visit 2 (12)	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 1-8 Non-Int in xpup - visit 2 (12)  Same Obset in Sequence 1-8 Non-Int in xpup - visit 2 (12)	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 1-8 Non-Int in xpup - visit 2 (12)  Same Obset in Sequence 1-8 Non-Int in xpup - visit 2 (12)	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 1-8 Non-Int in xpup - visit 2 (12)  Same Obset in Sequence 1-8 Non-Int in xpup - visit 2 (12)	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 1-8 Non-Int in xpup - visit 2 (12)  Same Obset in Sequence 1-8 Non-Int in xpup - visit 2 (12)	350 Secs (350 Secs) [==>]	[1]
	8	(3) V-X-PUP	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-40; SPATIAL SCAN 7.5 ,90.0 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-8 Non-Int in xpup - visit 2 (12)  Same Obset in Sequence 1-8 Non-Int in xpup - visit 2 (12)	10.236324 Secs (10.236 Secs) [==>]	[1]



Proposal 13334 - wzsgr- visit 1 (13) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sat Jan 25 02:25:13 GMT 2014

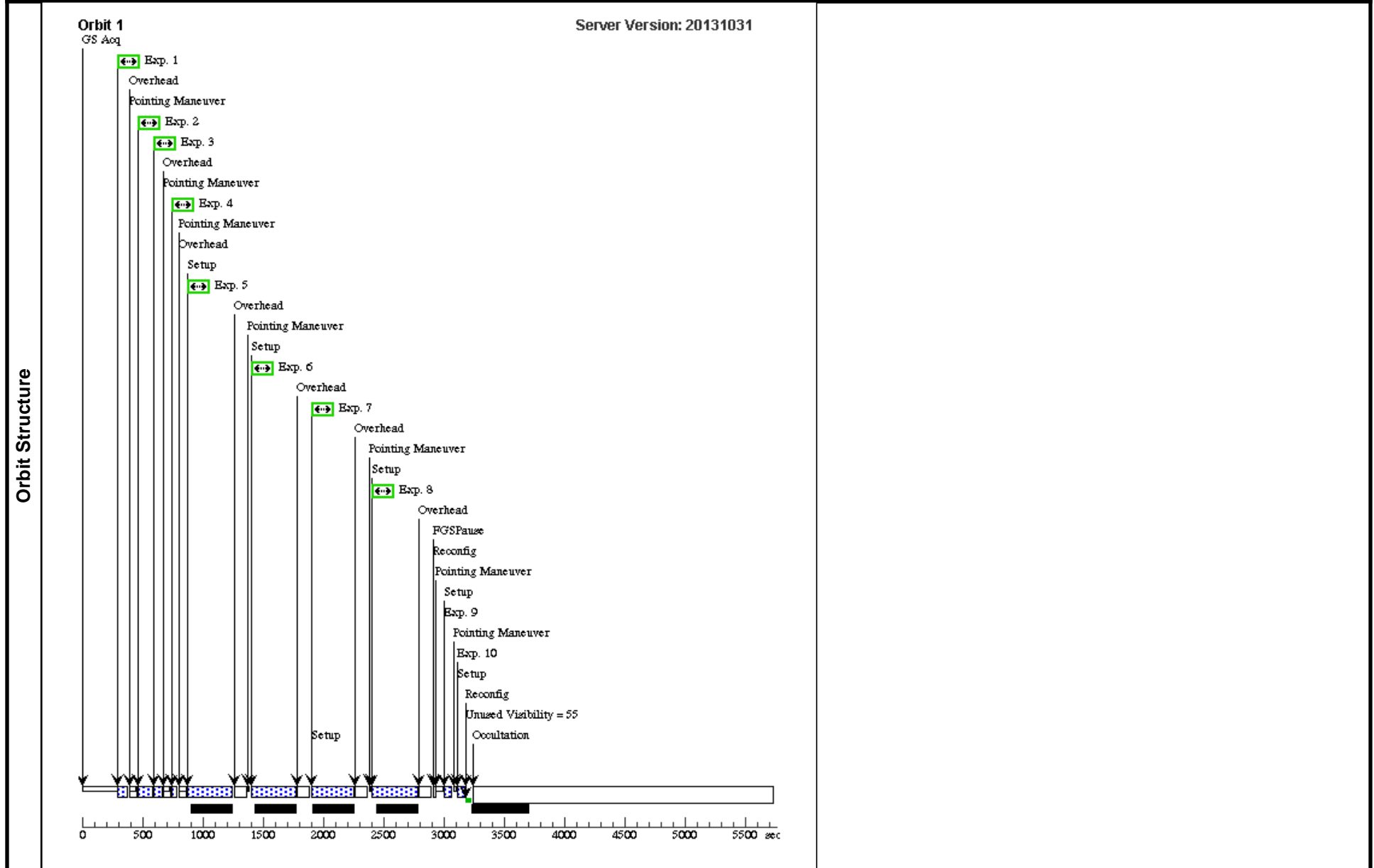
<b>Visit</b>	<b>Proposal 13334, wzsgr- visit 1 (13), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 109D TO 111 D; BETWEEN 21-SEP-2013 AND 30-SEP-2013					
<b>Diagnostics</b>	(wzsgr- visit 1 (13)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (wzsgr- visit 1 (13)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (wzsgr- visit 1 (13)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (wzsgr- visit 1 (13)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (wzsgr- visit 1 (13)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (wzsgr- visit 1 (13)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (wzsgr- visit 1 (13)) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT (wzsgr- visit 1 (13)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(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 13334 - 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	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-10 Non-Int in wzsgr- visit 1 (13) Same Obset in Sequence 1-10 Non-Int in wzsgr- visit 1 (13)	50 Secs (50 Secs) [==>]	[1]
	2	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-10 Non-Int in wzsgr- visit 1 (13) Same Obset in Sequence 1-10 Non-Int in wzsgr- visit 1 (13)	50 Secs (50 Secs) [==>]	[1]
	3	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O 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]
	4	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O 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]
	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/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-40; SPATIAL SCAN 7.5 .90.0 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)	10.236324 Secs (10.236 Secs) [==>]	[1]

Proposal 13334 - wzsgr- visit 1 (13) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(8) V-WZ-SGR	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=13	POS TARG -3,-35; SPATIAL SCAN 6.0,90.0 Degrees,Forward; 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)	11.089351 Secs (11.089 Secs) [==>]	[1]
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Proposal 13334 - wzsgr - visit 2 (14) - The Longest Period Cepheids, a bridge to the Hubble Constant

Sat Jan 25 02:25:14 GMT 2014

<b>Visit</b>	<b>Proposal 13334, wzsgr - visit 2 (14), scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 180D TO 180D FROM 13; BETWEEN 22-MAR-2014 AND 26-MAR-2014																																		
	(wzsgr - visit 2 (14)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (wzsgr - visit 2 (14)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (wzsgr - visit 2 (14)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (wzsgr - visit 2 (14)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (wzsgr - visit 2 (14)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (wzsgr - visit 2 (14)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (wzsgr - visit 2 (14)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING																																		
<b>Diagnosics</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(8)</td> <td>V-WZ-SGR</td> <td>RA: 18 16 59.7158 (274.2488158d) Dec: -19 04 32.97 (-19.07583d) Equinox: J2000</td> <td></td> <td>V=7.85</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> <tr> <td>(9)</td> <td>V-WZ-SGR-OFF</td> <td>RA: 18 17 2.6000 (274.2608333d) Dec: -19 04 12.00 (-19.07000d) Equinox: J2000</td> <td></td> <td>V=7.85</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	(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>					
	#	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																													
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<b>Fixed Targets</b>																																			

Proposal 13334 - wzsgr - visit 2 (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	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,72; GS ACQ SCENARI O BASE1B3	Sequence 1-10 Non-Int in wzsgr - visit 2 (14) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (14)	75 Secs (75 Secs) [==>]	[1]
	2	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-10 Non-Int in wzsgr - visit 2 (14) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (14)	75 Secs (75 Secs) [==>]	[1]
	3	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-10 Non-Int in wzsgr - visit 2 (14) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (14)	40 Secs (40 Secs) [==>]	[1]
	4	(9) V-WZ-SGR-OFF	WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,72	Sequence 1-10 Non-Int in wzsgr - visit 2 (14) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (14)	40 Secs (40 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 2 (14) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (14)	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 2 (14) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (14)	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 2 (14) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (14)	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 2 (14) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (14)	350 Secs (350 Secs) [==>]	[1]
	9	(8) V-WZ-SGR	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=12	POS TARG -3,-40; SPATIAL SCAN 7.5 ,90.0 Degrees,Reverse; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in wzsgr - visit 2 (14) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (14)	10.236324 Secs (10.236 Secs) [==>]	[1]

Proposal 13334 - wzsgr - visit 2 (14) - The Longest Period Cepheids, a bridge to the Hubble Constant

10	(8) V-WZ-SGR	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=13	POS TARG -3,-35; SPATIAL SCAN 6.0 ,90.0 Degrees,Forwa rd; EXP PCS MODE G YRO	Sequence 1-10 Non-Int in wzsgr - visit 2 (14) Same Obset in Sequence 1-10 Non-Int in wzsgr - visit 2 (14)	11.089351 Secs (11.089 Secs) [==>]	[1]
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