



13678 - The Fifth and Final Epoch

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>
01	(10) V-XY-CAR	WFC3/IR WFC3/UVIS	1	29-Jul-2014 21:03:51.0	yes
02	(1) V-Z-SCT	WFC3/IR WFC3/UVIS	1	29-Jul-2014 21:03:55.0	yes
03	(9) V-SS-CMA	WFC3/IR WFC3/UVIS	1	29-Jul-2014 21:03:58.0	yes
04	(11) V-AQ-PUP	WFC3/IR WFC3/UVIS	1	29-Jul-2014 21:04:00.0	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>
05	(8) V-SZ-CYG	WFC3/IR WFC3/UVIS	1	29-Jul-2014 21:04:02.0	yes
06	(7) V-CD-CYG	WFC3/IR WFC3/UVIS	1	29-Jul-2014 21:04:04.0	yes
07	(4) V-AQ-CAR	WFC3/IR WFC3/UVIS	1	29-Jul-2014 21:04:06.0	yes
08	(2) V-HW-CAR	WFC3/IR WFC3/UVIS	1	29-Jul-2014 21:04:09.0	yes
09	(5) V-DD-CAS	WFC3/IR WFC3/UVIS	1	29-Jul-2014 21:04:11.0	yes
10	(3) V-XZ-CAR	WFC3/IR WFC3/UVIS	1	29-Jul-2014 21:04:13.0	yes
11	(6) V-VX-PER	WFC3/IR WFC3/UVIS	1	29-Jul-2014 21:04:15.0	yes

11 Total Orbits Used

ABSTRACT

A local measurement of the Hubble Constant with 1-2% precision can resolve recent hints of surprises in the cosmological model involving the nature of dark energy and the claimed presence of a new species of neutrino. Its leverage would be great, equal to nearly doubling the extent of 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 using spatial scanning with WFC3 to reach an unprecedented 30-microarcsecond precision scale for stars and measure parallaxes at 1-4 kiloparsecs. Our first completed measurement shows that a fifth epoch, included as a trial for our first measured parallax, is invaluable for 1) identifying astrometric binaries that can otherwise contaminate the derived Cepheid parallax, 2) fully removing the correlation in error between parallax and proper motion, and 3) improving the Cepheid parallax precision by 25%, equal to a 55% augmentation in the Cepheid sample size, much better than the naive (i.e., root n) expectation, a result of the longer temporal baseline and reduced covariance for proper motion. We propose to add this extra measure of robustness and precision to the 18 parallax measurements nearing completion. With Planck data, this new measurement of the Hubble constant will double the precision of the dark energy equation of state parameter,

Proposal 13678 (STScI Edit Number: 6, Created: Tuesday, July 29, 2014 8:04:16 PM EST) - Overview
may reveal a new neutrino species, and would further HST's contribution to a task for which it was made.

OBSERVING DESCRIPTION

5th epoch of parallax for Cepheids in prior programs

Proposal 13678 - Visit 01 - The Fifth and Final Epoch

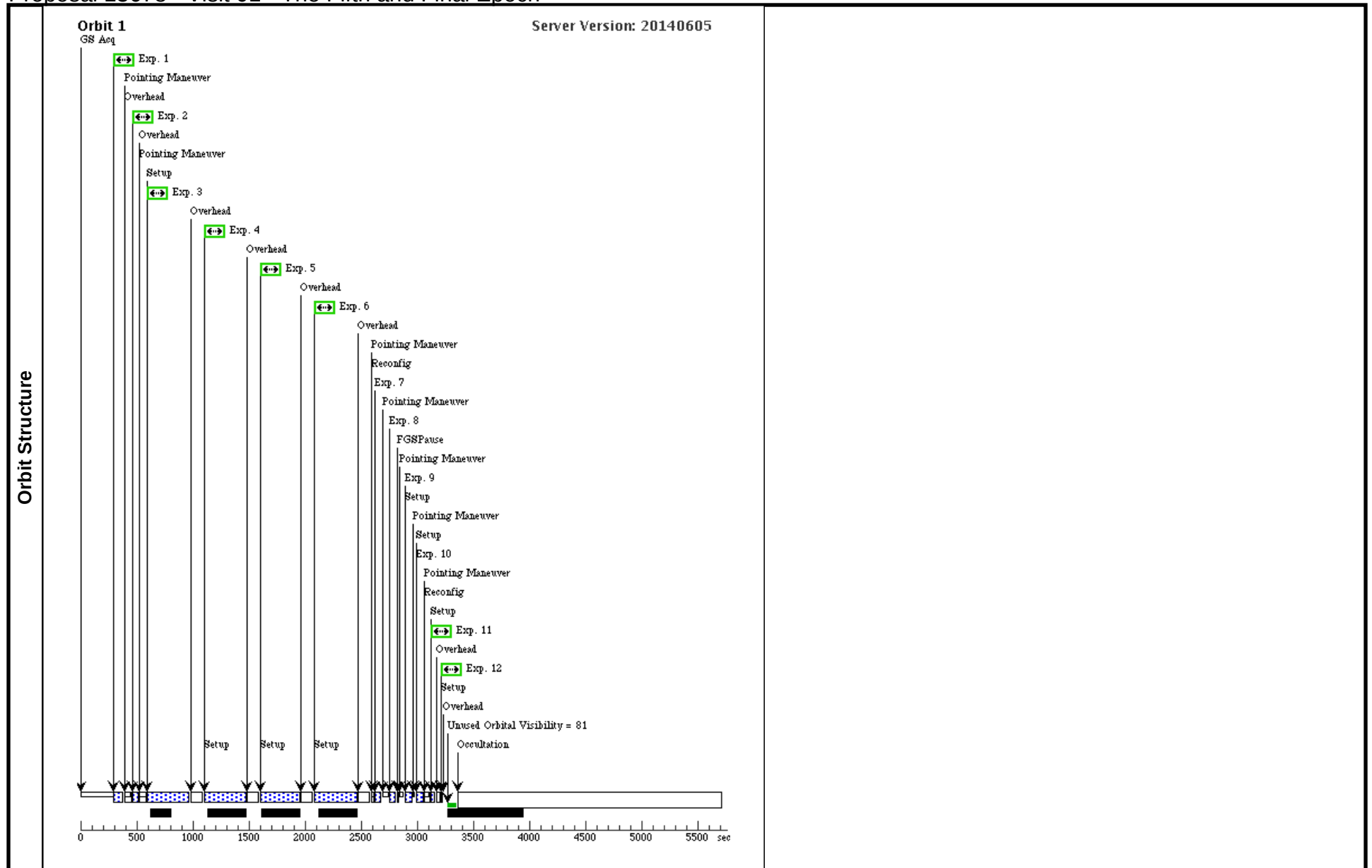
Visit	Proposal 13678, Visit 01, scheduled Wed Jul 30 01:04:16 GMT 2014				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 157D TO 157 D; BETWEEN 04-AUG-2014 AND 11-AUG-2014; VISIBILITY INTERVAL 3360 S <i>Comments: Same guide star set used in 12879,13334 or 13344</i>				
Diagnostics	(Visit 01) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit 01) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit 01) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit 01) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit 01) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit 01) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 01) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit 01) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (Visit 01) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(10)	V-XY-CAR	RA: 11 02 16.0659 (165.5669412d) Dec: -64 15 46.45 (-64.26290d) Equinox: J2000		V=9.49
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					

Proposal 13678 - Visit 01 - The Fifth and Final Epoch

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(10) V-XY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG null,-72; GSPAIR S49Z00027 7F2S4AE078914F1	Sequence 1-12 Non-Int in Visit 01 Same Obset in Sequence 1-12 Non-Int in Visit 01	50 Secs (50 Secs) [==>]	[1]
	2		(10) V-XY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG null,72	Sequence 1-12 Non-Int in Visit 01 Same Obset in Sequence 1-12 Non-Int in Visit 01	50 Secs (50 Secs) [==>]	[1]
	3		(10) V-XY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-12 Non-Int in Visit 01 Same Obset in Sequence 1-12 Non-Int in Visit 01	350 Secs (350 Secs) [==>]	[1]
	4		(10) V-XY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-12 Non-Int in Visit 01 Same Obset in Sequence 1-12 Non-Int in Visit 01	350 Secs (350 Secs) [==>]	[1]
	5		(10) V-XY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-12 Non-Int in Visit 01 Same Obset in Sequence 1-12 Non-Int in Visit 01	350 Secs (350 Secs) [==>]	[1]
	6		(10) V-XY-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-12 Non-Int in Visit 01 Same Obset in Sequence 1-12 Non-Int in Visit 01	350 Secs (350 Secs) [==>]	[1]
	7		(10) V-XY-CAR	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,-60	Sequence 1-12 Non-Int in Visit 01 Same Obset in Sequence 1-12 Non-Int in Visit 01	24.229711 Secs (24.23 Secs) [==>]	[1]
	8		(10) V-XY-CAR	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,60	Sequence 1-12 Non-Int in Visit 01 Same Obset in Sequence 1-12 Non-Int in Visit 01	24.229711 Secs (24.23 Secs) [==>]	[1]
	9		(10) V-XY-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 1-12 Non-Int in Visit 01 Same Obset in Sequence 1-12 Non-Int in Visit 01	6.824216 Secs (6.824 Secs) [==>]	[1]
	10		(10) V-XY-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 1-12 Non-Int in Visit 01 Same Obset in Sequence 1-12 Non-Int in Visit 01	6.824216 Secs (6.824 Secs) [==>]	[1]

Proposal 13678 - Visit 01 - The Fifth and Final Epoch

	11	(10) V-XY-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 1-12 Non-Int in Visit 01 Same Obset in Sequence 1-12 Non-Int in Visit 01	2.5 Secs (2.5 Secs) [==>]	[1]
	12	(10) V-XY-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 1-12 Non-Int in Visit 01 Same Obset in Sequence 1-12 Non-Int in Visit 01	2.5 Secs (2.5 Secs) [==>]	[1]



Proposal 13678 - zsct - visit 1 (02) - The Fifth and Final Epoch

Visit	Proposal 13678, zsct - visit 1 (02), implementation Wed Jul 30 01:04:17 GMT 2014				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 100D TO 100 D; BETWEEN 30-SEP-2014 AND 07-OCT-2014 <i>Comments: Same guide star set used in 12879</i>				
Diagnostics	(zsct - visit 1 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (zsct - visit 1 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (zsct - visit 1 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (zsct - visit 1 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (zsct - visit 1 (02)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (zsct - visit 1 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (zsct - visit 1 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (zsct - visit 1 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (zsct - visit 1 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (zsct - visit 1 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	V-Z-SCT	RA: 18 42 57.2738 (280.7386408d) Dec: -05 49 15.24 (-5.82090d) Equinox: J2000		V=9.6
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					

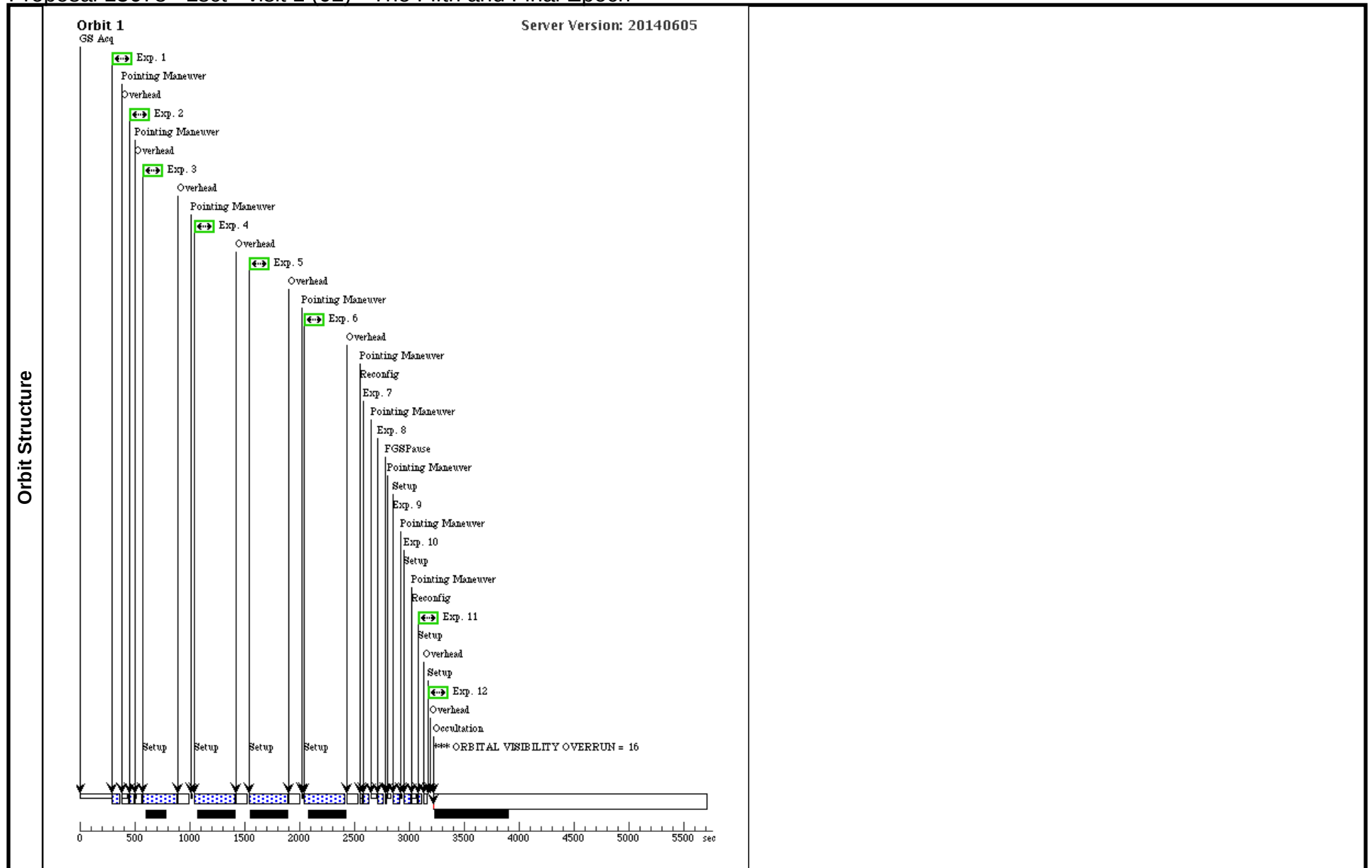
Proposal 13678 - zsct - visit 1 (02) - The Fifth and Final Epoch

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) V-Z-SCT	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,72; GSPAIR S9O800025 4F3S9O8000172F2; GS ACQ SCENARI O BASE1B3	Sequence 1-12 Non-Int in zsct - visit 1 (02) Same Obset in Sequence 1-12 Non-Int in zsct - visit 1 (02)	40 Secs (40 Secs) [==>]	[1]
	2		(1) V-Z-SCT	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-12 Non-Int in zsct - visit 1 (02) Same Obset in Sequence 1-12 Non-Int in zsct - visit 1 (02)	40 Secs (40 Secs) [==>]	[1]
	3		(1) V-Z-SCT	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.5 ,90.05 Degrees,Forward	Sequence 1-12 Non-Int in zsct - visit 1 (02) Same Obset in Sequence 1-12 Non-Int in zsct - visit 1 (02)	285 Secs (285 Secs) [==>]	[1]
	4		(1) V-Z-SCT	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -3,-75; SPATIAL SCAN 0.4 3,90.05 Degrees,Reverse	Sequence 1-12 Non-Int in zsct - visit 1 (02) Same Obset in Sequence 1-12 Non-Int in zsct - visit 1 (02)	348 Secs (348 Secs) [==>]	[1]
	5		(1) V-Z-SCT	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -3,-75; SPATIAL SCAN 0.4 3,90.05 Degrees,Forward	Sequence 1-12 Non-Int in zsct - visit 1 (02) Same Obset in Sequence 1-12 Non-Int in zsct - visit 1 (02)	348 Secs (348 Secs) [==>]	[1]
	6		(1) V-Z-SCT	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-12 Non-Int in zsct - visit 1 (02) Same Obset in Sequence 1-12 Non-Int in zsct - visit 1 (02)	348 Secs (348 Secs) [==>]	[1]
	7		(1) V-Z-SCT	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,-60	Sequence 1-12 Non-Int in zsct - visit 1 (02) Same Obset in Sequence 1-12 Non-Int in zsct - visit 1 (02)	24.229711 Secs (24.23 Secs) [==>]	[1]
	8		(1) V-Z-SCT	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,60	Sequence 1-12 Non-Int in zsct - visit 1 (02) Same Obset in Sequence 1-12 Non-Int in zsct - visit 1 (02)	24.229711 Secs (24.23 Secs) [==>]	[1]
	9		(1) V-Z-SCT	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 1-12 Non-Int in zsct - visit 1 (02) Same Obset in Sequence 1-12 Non-Int in zsct - visit 1 (02)	6.824216 Secs (6.824 Secs) [==>]	[1]

Proposal 13678 - zsct - visit 1 (02) - The Fifth and Final Epoch

10	(1) V-Z-SCT	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 1-12 Non-Int in zsct - visit 1 (02) Same Obset in Sequence 1-12 Non-Int in zsct - visit 1 (02)	6.824216 Secs (6.824 Secs)	[1]
							[==>]	
11	(1) V-Z-SCT	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 1-12 Non-Int in zsct - visit 1 (02) Same Obset in Sequence 1-12 Non-Int in zsct - visit 1 (02)	2.5 Secs (2.5 Secs)	[1]
							[==>]	
12	(1) V-Z-SCT	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 1-12 Non-Int in zsct - visit 1 (02) Same Obset in Sequence 1-12 Non-Int in zsct - visit 1 (02)	2.5 Secs (2.5 Secs)	[1]
							[==>]	

Proposal 13678 - zsct - visit 1 (02) - The Fifth and Final Epoch



Proposal 13678 - sscma - visit 1 (03) - The Fifth and Final Epoch

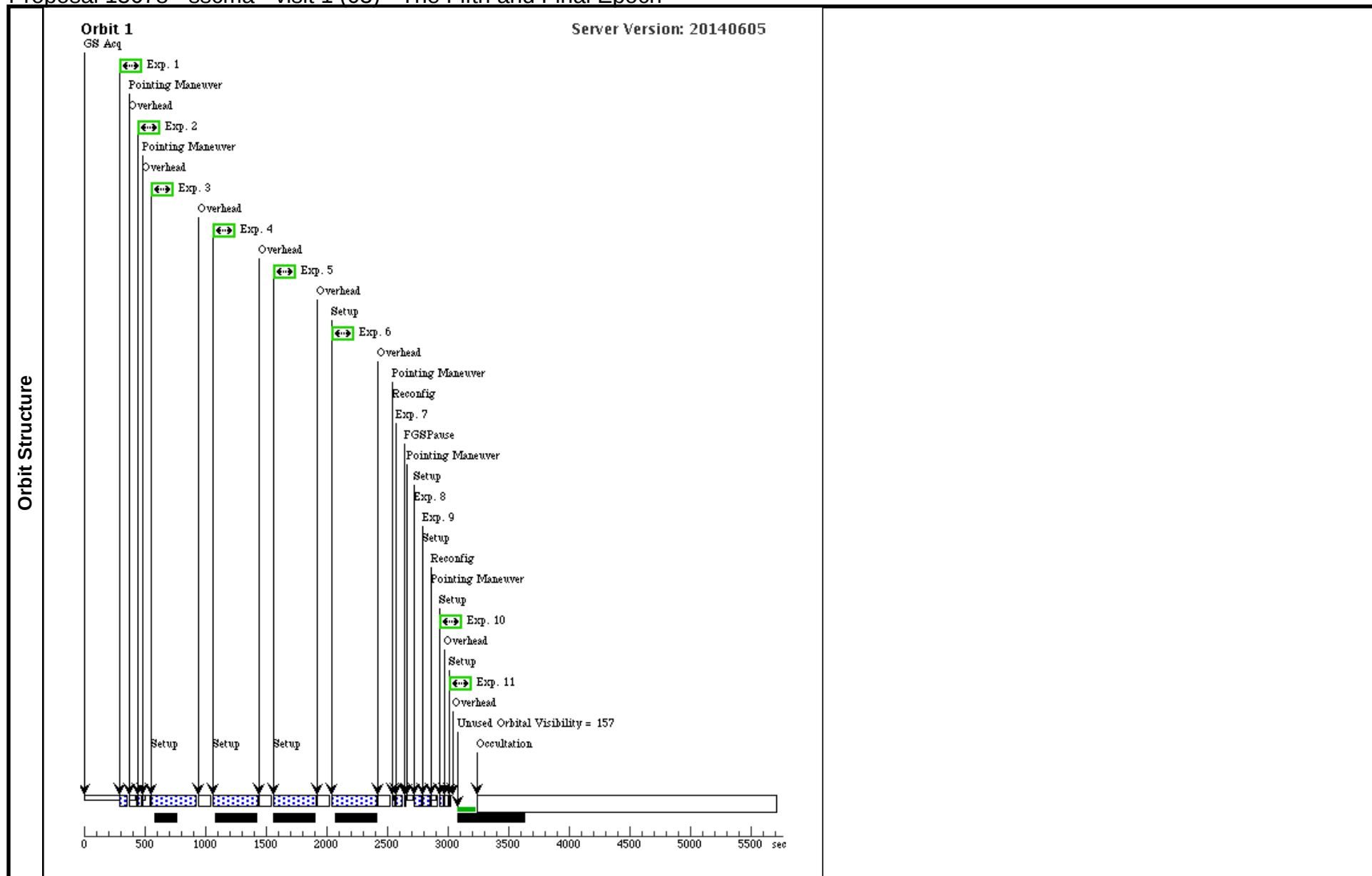
Visit	Proposal 13678, sscma - visit 1 (03), implementation Wed Jul 30 01:04:17 GMT 2014				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 296D TO 296 D; BETWEEN 18-OCT-2014 AND 25-OCT-2014 <i>Comments: Same guide star set used in 12879</i>				
Diagnostics	(sscma - visit 1 (03)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (sscma - visit 1 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (sscma - visit 1 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (sscma - visit 1 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (sscma - visit 1 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (sscma - visit 1 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (sscma - visit 1 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (sscma - visit 1 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	V-SS-CMA	RA: 07 26 7.1978 (111.5299908d) Dec: -25 15 26.46 (-25.25735d) Equinox: J2000		V=9.84
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					

Proposal 13678 - sscma - visit 1 (03) - The Fifth and Final Epoch

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) V-SS-CMA	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,72; GSPAIR S3EV0009 27F1S3EV000685F2 ; GS ACQ SCENARI O BASE1B3	Sequence 1-11 Non-Int in sscma - visit 1 (03) Same Obset in Sequence 1-11 Non-Int in sscma - visit 1 (03)	30 Secs (30 Secs) [==>]	[1]
	2		(9) V-SS-CMA	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-11 Non-Int in sscma - visit 1 (03) Same Obset in Sequence 1-11 Non-Int in sscma - visit 1 (03)	30 Secs (30 Secs) [==>]	[1]
	3		(9) V-SS-CMA	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-57; SPATIAL SCAN 0.3 3,90.05 Degrees,Forward	Sequence 1-11 Non-Int in sscma - visit 1 (03) Same Obset in Sequence 1-11 Non-Int in sscma - visit 1 (03)	348 Secs (348 Secs) [==>]	[1]
	4		(9) V-SS-CMA	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -3,-57; SPATIAL SCAN 0.3 3,90.05 Degrees,Reverse	Sequence 1-11 Non-Int in sscma - visit 1 (03) Same Obset in Sequence 1-11 Non-Int in sscma - visit 1 (03)	348 Secs (348 Secs) [==>]	[1]
	5		(9) V-SS-CMA	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -3,-57; SPATIAL SCAN 0.3 3,90.05 Degrees,Forward	Sequence 1-11 Non-Int in sscma - visit 1 (03) Same Obset in Sequence 1-11 Non-Int in sscma - visit 1 (03)	348 Secs (348 Secs) [==>]	[1]
	6		(9) V-SS-CMA	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-57; SPATIAL SCAN 0.3 3,90.05 Degrees,Reverse	Sequence 1-11 Non-Int in sscma - visit 1 (03) Same Obset in Sequence 1-11 Non-Int in sscma - visit 1 (03)	348 Secs (348 Secs) [==>]	[1]
	7		(9) V-SS-CMA	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,-60 5;	Sequence 1-11 Non-Int in sscma - visit 1 (03) Same Obset in Sequence 1-11 Non-Int in sscma - visit 1 (03)	24.229711 Secs (24.23 Secs) [==>]	[1]
	8		(9) V-SS-CMA	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 sscma - visit 1 (03) Same Obset in Sequence 1-11 Non-Int in sscma - visit 1 (03)	6.824216 Secs (6.824 Secs) [==>]	[1]
	9		(9) V-SS-CMA	WFC3/IR, MULTIACCUM, GRISM512	F160W	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG null,-50; SPATIAL SCAN 7.5 ,90.0 Degrees,Forward; EXP PCS MODE G YRO	Sequence 1-11 Non-Int in sscma - visit 1 (03) Same Obset in Sequence 1-11 Non-Int in sscma - visit 1 (03)	6.824216 Secs (6.824 Secs) [==>]	[1]

Proposal 13678 - sscma - visit 1 (03) - The Fifth and Final Epoch

	10	(9) V-SS-CMA	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 sscma - visit 1 (03) Same Obset in Sequence 1-11 Non-Int in sscma - visit 1 (03)	2.5 Secs (2.5 Secs) [==>]	[1]
	11	(9) V-SS-CMA	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 sscma - visit 1 (03) Same Obset in Sequence 1-11 Non-Int in sscma - visit 1 (03)	2.5 Secs (2.5 Secs) [==>]	[1]



Proposal 13678 - aqpup - visit 1 (04) - The Fifth and Final Epoch

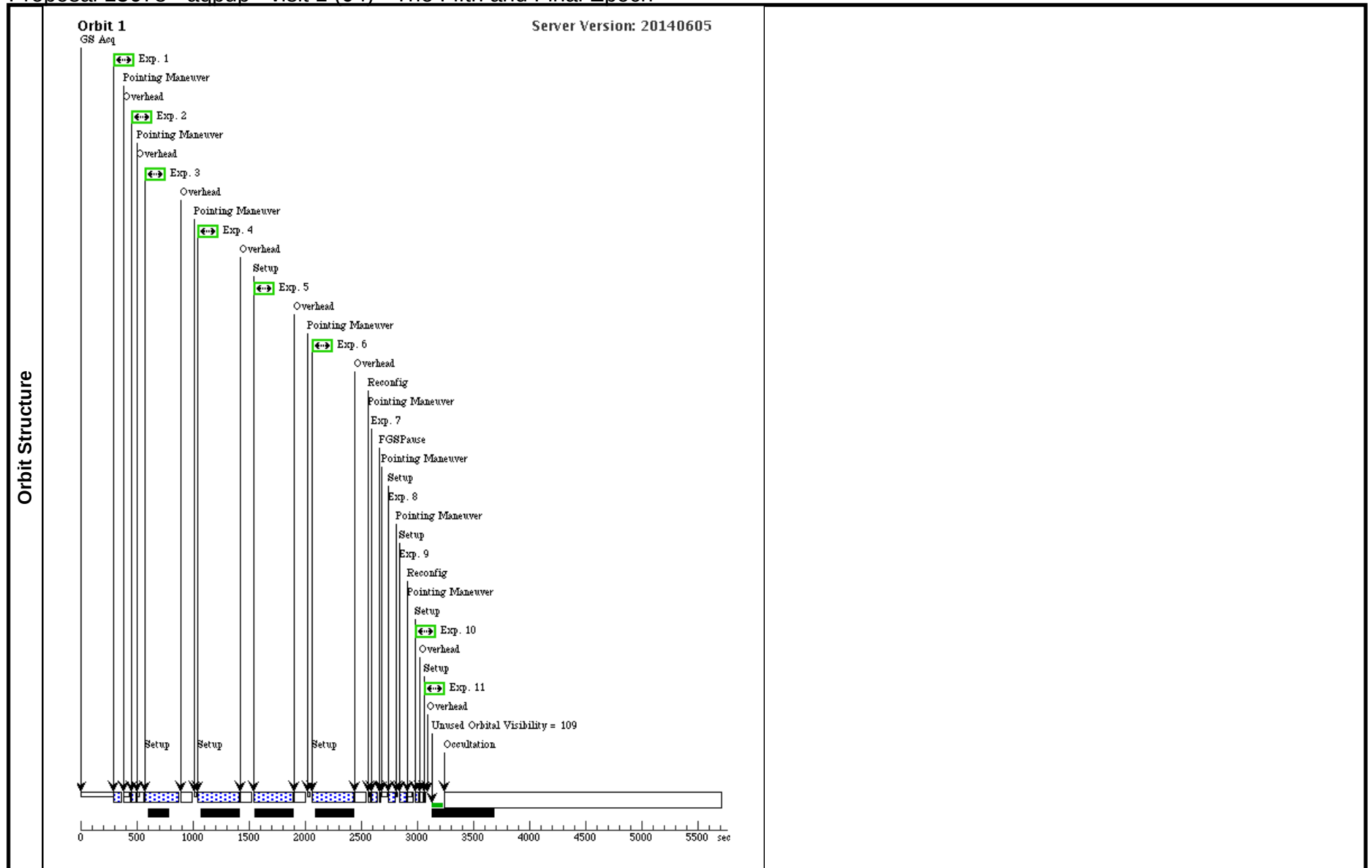
Visit	Proposal 13678, aqpup - visit 1 (04), implementation Wed Jul 30 01:04:18 GMT 2014				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 290D TO 290 D; BETWEEN 27-OCT-2014 AND 03-NOV-2014 <i>Comments: Same guide star set used in 12879</i>				
Diagnostics	(aqpup - visit 1 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (aqpup - visit 1 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (aqpup - visit 1 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (aqpup - visit 1 (04)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (aqpup - visit 1 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (aqpup - visit 1 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (aqpup - visit 1 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (aqpup - visit 1 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(11)	V-AQ-PUP	RA: 07 58 22.0916 (119.5920483d) Dec: -29 07 48.32 (-29.13009d) Equinox: J2000		V=8.54
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					

Proposal 13678 - agpup - visit 1 (04) - The Fifth and Final Epoch

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) V-AQ-PUP	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,72; GSPAIR S64M0017 47F2S64M001803F1 ; GS ACQ SCENARI O BASE1B3	Sequence 1-11 Non-Int in agpup - visit 1 (04) Same Obset in Sequence 1-11 Non-Int in agpup - visit 1 (04)	40 Secs (40 Secs) [==>]	[1]
	2		(11) V-AQ-PUP	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-11 Non-Int in agpup - visit 1 (04) Same Obset in Sequence 1-11 Non-Int in agpup - visit 1 (04)	40 Secs (40 Secs) [==>]	[1]
	3		(11) V-AQ-PUP	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-57; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-11 Non-Int in agpup - visit 1 (04) Same Obset in Sequence 1-11 Non-Int in agpup - visit 1 (04)	282 Secs (282 Secs) [==>]	[1]
	4		(11) V-AQ-PUP	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG -3,-42; SPATIAL SCAN 0.3 3,90.05 Degrees,Reverse	Sequence 1-11 Non-Int in agpup - visit 1 (04) Same Obset in Sequence 1-11 Non-Int in agpup - visit 1 (04)	348 Secs (348 Secs) [==>]	[1]
	5		(11) V-AQ-PUP	WFC3/UVIS, ACCUM, UVIS-CENTER	F673N		POS TARG -3,-42; SPATIAL SCAN 0.3 3,90.05 Degrees,Forward	Sequence 1-11 Non-Int in agpup - visit 1 (04) Same Obset in Sequence 1-11 Non-Int in agpup - visit 1 (04)	348 Secs (348 Secs) [==>]	[1]
	6		(11) V-AQ-PUP	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-57; SPATIAL SCAN 0.3 3,90.05 Degrees,Reverse	Sequence 1-11 Non-Int in agpup - visit 1 (04) Same Obset in Sequence 1-11 Non-Int in agpup - visit 1 (04)	348 Secs (348 Secs) [==>]	[1]
	7		(11) V-AQ-PUP	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,-60 5;	Sequence 1-11 Non-Int in agpup - visit 1 (04) Same Obset in Sequence 1-11 Non-Int in agpup - visit 1 (04)	24.229711 Secs (24.23 Secs) [==>]	[1]
	8		(11) V-AQ-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 1-11 Non-Int in agpup - visit 1 (04) Same Obset in Sequence 1-11 Non-Int in agpup - visit 1 (04)	6.824216 Secs (6.824 Secs) [==>]	[1]
	9		(11) V-AQ-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 1-11 Non-Int in agpup - visit 1 (04) Same Obset in Sequence 1-11 Non-Int in agpup - visit 1 (04)	6.824216 Secs (6.824 Secs) [==>]	[1]

Proposal 13678 - agpup - visit 1 (04) - The Fifth and Final Epoch

	10	(11) V-AQ-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 G YRO	Sequence 1-11 Non-Int in agpup - visit 1 (04) Same Obset in Sequence 1-11 Non-Int in agpup - visit 1 (04)	2.5 Secs (2.5 Secs) [==>]	[1]
	11	(11) V-AQ-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 1-11 Non-Int in agpup - visit 1 (04) Same Obset in Sequence 1-11 Non-Int in agpup - visit 1 (04)	2.5 Secs (2.5 Secs) [==>]	[1]



Proposal 13678 - szcyg - visit 1 (05) - The Fifth and Final Epoch

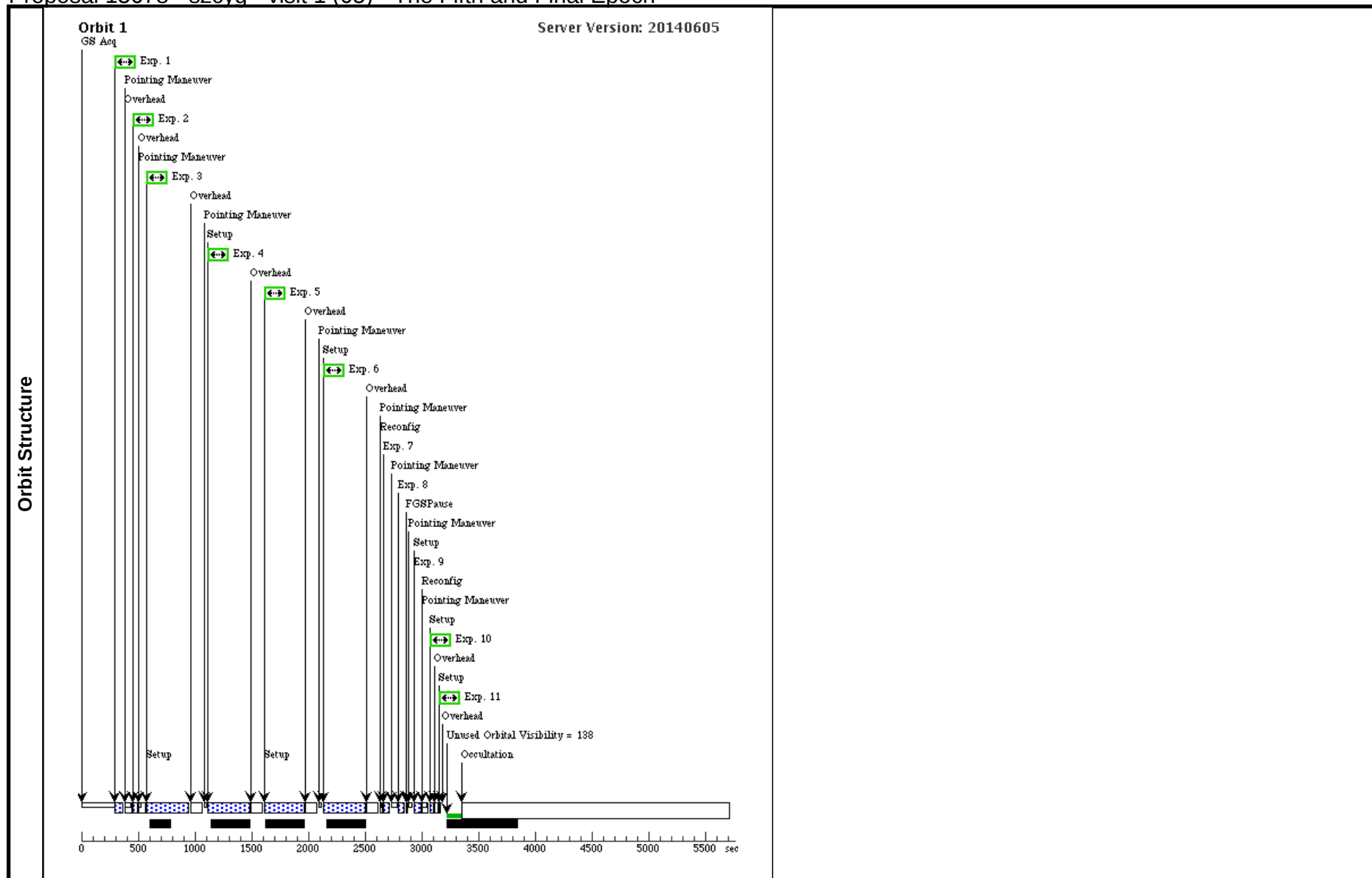
Visit	Proposal 13678, szcyg - visit 1 (05), implementation					Wed Jul 30 01:04:18 GMT 2014
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, WFC3/UVIS					
	Special Requirements: ORIENT 72D TO 72 D; BETWEEN 02-NOV-2014 AND 05-NOV-2014					
	Comments: Same guide star set used in 12879					
Diagnostics	(szcyg - visit 1 (05)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE					
	(szcyg - visit 1 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(szcyg - visit 1 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(szcyg - visit 1 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(szcyg - visit 1 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(szcyg - visit 1 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(szcyg - visit 1 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(szcyg - visit 1 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(szcyg - visit 1 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	V-SZ-CYG	RA: 20 32 54.2932 (308.2262217d) Dec: +46 36 4.58 (46.60127d) Equinox: J2000		V=9.37	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					

Proposal 13678 - szcyg - visit 1 (05) - The Fifth and Final Epoch

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(8) V-SZ-CYG	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,72; GSPAIR N31400004 9F1N314000231F3; GS ACQ SCENARI O BASE1B3	Sequence 1-11 Non-Int in szcyg - visit 1 (05) Same Obset in Sequence 1-11 Non-Int in szcyg - visit 1 (05)	40 Secs (40 Secs) [==>]	[1]
	2		(8) V-SZ-CYG	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-11 Non-Int in szcyg - visit 1 (05) Same Obset in Sequence 1-11 Non-Int in szcyg - visit 1 (05)	40 Secs (40 Secs) [==>]	[1]
	3		(8) V-SZ-CYG	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-57; SPATIAL SCAN 0.3 3,90.05 Degrees,Forward	Sequence 1-11 Non-Int in szcyg - visit 1 (05) Same Obset in Sequence 1-11 Non-Int in szcyg - visit 1 (05)	348 Secs (348 Secs) [==>]	[1]
	4		(8) V-SZ-CYG	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -3,-75; SPATIAL SCAN 0.4 3,90.05 Degrees,Reverse	Sequence 1-11 Non-Int in szcyg - visit 1 (05) Same Obset in Sequence 1-11 Non-Int in szcyg - visit 1 (05)	348 Secs (348 Secs) [==>]	[1]
	5		(8) V-SZ-CYG	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -3,-75; SPATIAL SCAN 0.4 3,90.05 Degrees,Forward	Sequence 1-11 Non-Int in szcyg - visit 1 (05) Same Obset in Sequence 1-11 Non-Int in szcyg - visit 1 (05)	348 Secs (348 Secs) [==>]	[1]
	6		(8) V-SZ-CYG	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-57; SPATIAL SCAN 0.3 3,90.05 Degrees,Reverse	Sequence 1-11 Non-Int in szcyg - visit 1 (05) Same Obset in Sequence 1-11 Non-Int in szcyg - visit 1 (05)	348 Secs (348 Secs) [==>]	[1]
	7		(8) V-SZ-CYG	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,-60	Sequence 1-11 Non-Int in szcyg - visit 1 (05) Same Obset in Sequence 1-11 Non-Int in szcyg - visit 1 (05)	24.229711 Secs (24.23 Secs) [==>]	[1]
	8		(8) V-SZ-CYG	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,60	Sequence 1-11 Non-Int in szcyg - visit 1 (05) Same Obset in Sequence 1-11 Non-Int in szcyg - visit 1 (05)	24.229711 Secs (24.23 Secs) [==>]	[1]
	9		(8) V-SZ-CYG	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 szcyg - visit 1 (05) Same Obset in Sequence 1-11 Non-Int in szcyg - visit 1 (05)	6.824216 Secs (6.824 Secs) [==>]	[1]

Proposal 13678 - szcyg - visit 1 (05) - The Fifth and Final Epoch

	10	(8) V-SZ-CYG	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 szcyg - visit 1 (05) Same Obset in Sequence 1-11 Non-Int in szcyg - visit 1 (05)	2.5 Secs (2.5 Secs) [==>]	[1]
	11	(8) V-SZ-CYG	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 szcyg - visit 1 (05) Same Obset in Sequence 1-11 Non-Int in szcyg - visit 1 (05)	2.5 Secs (2.5 Secs) [==>]	[1]



Proposal 13678 - cdcyg - visit 1 (06) - The Fifth and Final Epoch

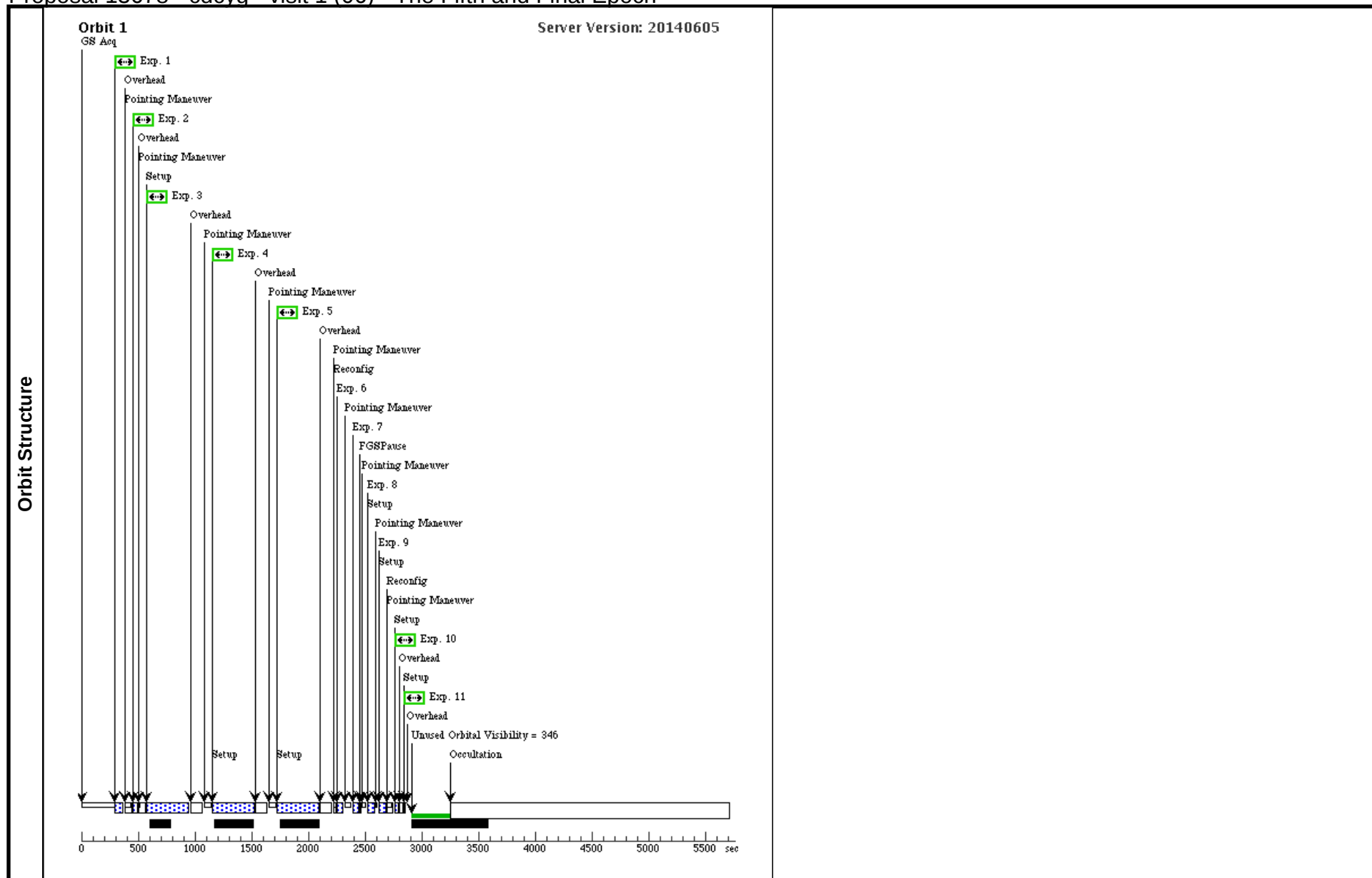
Visit	Proposal 13678, cdcyg - visit 1 (06), implementation					Wed Jul 30 01:04:18 GMT 2014
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, WFC3/UVIS					
	Special Requirements: ORIENT 63D TO 63 D; BETWEEN 05-NOV-2014 AND 12-NOV-2014					
	Comments: Same guide star set used in 12879					
Diagnostics	(cdcyg - visit 1 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(cdcyg - visit 1 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(cdcyg - visit 1 (06)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE					
	(cdcyg - visit 1 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(cdcyg - visit 1 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(cdcyg - visit 1 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(cdcyg - visit 1 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	V-CD-CYG	RA: 20 04 26.5617 (301.1106738d) Dec: +34 06 44.19 (34.11228d) Equinox: J2000		V=8.35	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					

Proposal 13678 - cdcyg - visit 1 (06) - The Fifth and Final Epoch

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) V-CD-CYG	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,72; GSPAIR N33B0016 68F3N33A000339F1 ; GS ACQ SCENARI O BASE1B3	Sequence 1-11 Non-Int in cdcyg - visit 1 (06) Same Obset in Sequence 1-11 Non-Int in cdcyg - visit 1 (06)	40 Secs (40 Secs) [==>]	[1]
	2		(7) V-CD-CYG	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72	Sequence 1-11 Non-Int in cdcyg - visit 1 (06) Same Obset in Sequence 1-11 Non-Int in cdcyg - visit 1 (06)	40 Secs (40 Secs) [==>]	[1]
	3		(7) V-CD-CYG	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 cdcyg - visit 1 (06) Same Obset in Sequence 1-11 Non-Int in cdcyg - visit 1 (06)	348 Secs (348 Secs) [==>]	[1]
	4		(7) V-CD-CYG	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -7,-71; SPATIAL SCAN 0.8 6,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-11 Non-Int in cdcyg - visit 1 (06) Same Obset in Sequence 1-11 Non-Int in cdcyg - visit 1 (06)	348 Secs (348 Secs) [==>]	[1]
	5		(7) V-CD-CYG	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 cdcyg - visit 1 (06) Same Obset in Sequence 1-11 Non-Int in cdcyg - visit 1 (06)	348 Secs (348 Secs) [==>]	[1]
	6		(7) V-CD-CYG	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,-60 5;	Sequence 1-11 Non-Int in cdcyg - visit 1 (06) Same Obset in Sequence 1-11 Non-Int in cdcyg - visit 1 (06)	24.229711 Secs (24.23 Secs) [==>]	[1]
	7		(7) V-CD-CYG	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,60 5;	Sequence 1-11 Non-Int in cdcyg - visit 1 (06) Same Obset in Sequence 1-11 Non-Int in cdcyg - visit 1 (06)	24.229711 Secs (24.23 Secs) [==>]	[1]
	8		(7) V-CD-CYG	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 cdcyg - visit 1 (06) Same Obset in Sequence 1-11 Non-Int in cdcyg - visit 1 (06)	6.824216 Secs (6.824 Secs) [==>]	[1]
	9		(7) V-CD-CYG	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 cdcyg - visit 1 (06) Same Obset in Sequence 1-11 Non-Int in cdcyg - visit 1 (06)	6.824216 Secs (6.824 Secs) [==>]	[1]

Proposal 13678 - cdcyg - visit 1 (06) - The Fifth and Final Epoch

	10	(7) V-CD-CYG	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 cdcyg - visit 1 (06) Same Obset in Sequence 1-11 Non-Int in cdcyg - visit 1 (06)	2.5 Secs (2.5 Secs) [==>]	[1]
	11	(7) V-CD-CYG	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 cdcyg - visit 1 (06) Same Obset in Sequence 1-11 Non-Int in cdcyg - visit 1 (06)	2.5 Secs (2.5 Secs) [==>]	[1]



Proposal 13678 - aqcar - visit 1 (07) - The Fifth and Final Epoch

Visit	Proposal 13678, aqcar - visit 1 (07), implementation					Wed Jul 30 01:04:18 GMT 2014
	Diagnostic Status: Warning					
Diagnostics	Scientific Instruments: WFC3/IR, WFC3/UVIS					
	Special Requirements: ORIENT 334D TO 334 D; BETWEEN 11-JAN-2015 AND 27-JAN-2015					
	Comments: Same guide star set used in 12879					
	(aqcar - visit 1 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(aqcar - visit 1 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(aqcar - visit 1 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(aqcar - visit 1 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(aqcar - visit 1 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
Fixed Targets	(aqcar - visit 1 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(aqcar - visit 1 (07)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	V-AQ-CAR	RA: 10 21 22.9757 (155.3457321d) Dec: -61 04 26.73 (-61.07409d) Equinox: J2000		V=8.84	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					

Proposal 13678 - aqcar - visit 1 (07) - The Fifth and Final Epoch

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) V-AQ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GSPAIR S4AQ0009 16F1S4AQ000530F2	Sequence 1-12 Non-Int in aqcar - visit 1 (07) Same Obset in Sequence 1-12 Non-Int in aqcar - visit 1 (07)	45 Secs (45 Secs) [==>]	[1]
	2		(4) V-AQ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,72	Sequence 1-12 Non-Int in aqcar - visit 1 (07) Same Obset in Sequence 1-12 Non-Int in aqcar - visit 1 (07)	45 Secs (45 Secs) [==>]	[1]
	3		(4) V-AQ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-12 Non-Int in aqcar - visit 1 (07) Same Obset in Sequence 1-12 Non-Int in aqcar - visit 1 (07)	348 Secs (348 Secs) [==>]	[1]
	4		(4) V-AQ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -7,-64; SPATIAL SCAN 0.7 76,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-12 Non-Int in aqcar - visit 1 (07) Same Obset in Sequence 1-12 Non-Int in aqcar - visit 1 (07)	348 Secs (348 Secs) [==>]	[1]
	5		(4) V-AQ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -7,-64; SPATIAL SCAN 0.7 76,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-12 Non-Int in aqcar - visit 1 (07) Same Obset in Sequence 1-12 Non-Int in aqcar - visit 1 (07)	348 Secs (348 Secs) [==>]	[1]
	6		(4) V-AQ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-12 Non-Int in aqcar - visit 1 (07) Same Obset in Sequence 1-12 Non-Int in aqcar - visit 1 (07)	348 Secs (348 Secs) [==>]	[1]
	7		(4) V-AQ-CAR	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,-60	Sequence 1-12 Non-Int in aqcar - visit 1 (07) Same Obset in Sequence 1-12 Non-Int in aqcar - visit 1 (07)	24.229711 Secs (24.23 Secs) [==>]	[1]
	8		(4) V-AQ-CAR	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,60	Sequence 1-12 Non-Int in aqcar - visit 1 (07) Same Obset in Sequence 1-12 Non-Int in aqcar - visit 1 (07)	24.229711 Secs (24.23 Secs) [==>]	[1]
	9		(4) V-AQ-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 1-12 Non-Int in aqcar - visit 1 (07) Same Obset in Sequence 1-12 Non-Int in aqcar - visit 1 (07)	6.824216 Secs (6.824 Secs) [==>]	[1]

Proposal 13678 - aqcar - visit 1 (07) - The Fifth and Final Epoch

	10	(4) V-AQ-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 1-12 Non-Int in aqcar - visit 1 (07) Same Obset in Sequence 1-12 Non-Int in aqcar - visit 1 (07)	6.824216 Secs (6.824 Secs) [==>]	[1]
	11	(4) V-AQ-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 1-12 Non-Int in aqcar - visit 1 (07) Same Obset in Sequence 1-12 Non-Int in aqcar - visit 1 (07)	2.5 Secs (2.5 Secs) [==>]	[1]
	12	(4) V-AQ-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 1-12 Non-Int in aqcar - visit 1 (07) Same Obset in Sequence 1-12 Non-Int in aqcar - visit 1 (07)	2.5 Secs (2.5 Secs) [==>]	[1]



Proposal 13678 - hwcar - visit 1 (08) - The Fifth and Final Epoch

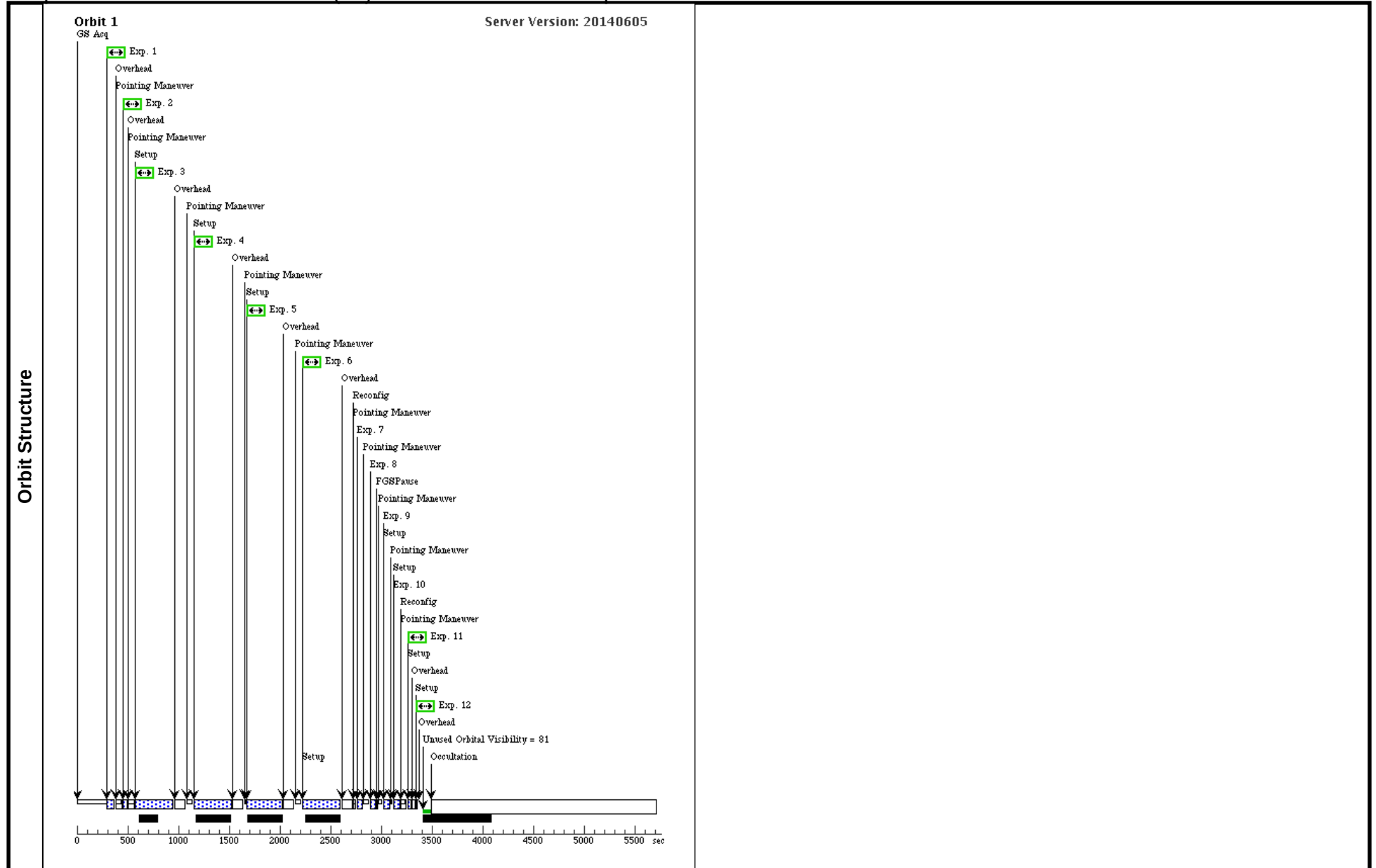
Visit	Proposal 13678, hwcar - visit 1 (08), implementation Wed Jul 30 01:04:18 GMT 2014				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 332D TO 332 D; BETWEEN 11-JAN-2015 AND 27-JAN-2015 <i>Comments: Same guide star set used in 12879</i>				
Diagnostics	(hwcar - visit 1 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (hwcar - visit 1 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (hwcar - visit 1 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (hwcar - visit 1 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (hwcar - visit 1 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (hwcar - visit 1 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (hwcar - visit 1 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (hwcar - visit 1 (08)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(2)	V-HW-CAR	RA: 10 39 20.3307 (159.8347112d) Dec: -61 09 8.79 (-61.15244d) Equinox: J2000		V=9.09
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					

Proposal 13678 - hwcar - visit 1 (08) - The Fifth and Final Epoch

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) V-HW-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GSPAIR S4B200092 0F1S4B2000522F2	Sequence 1-12 Non-Int in hwcar - visit 1 (08) Same Obset in Sequence 1-12 Non-Int in hwcar - visit 1 (08)	40 Secs (40 Secs) [==>]	[1]
	2		(2) V-HW-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,72	Sequence 1-12 Non-Int in hwcar - visit 1 (08) Same Obset in Sequence 1-12 Non-Int in hwcar - visit 1 (08)	40 Secs (40 Secs) [==>]	[1]
	3		(2) V-HW-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-12 Non-Int in hwcar - visit 1 (08) Same Obset in Sequence 1-12 Non-Int in hwcar - visit 1 (08)	348 Secs (348 Secs) [==>]	[1]
	4		(2) V-HW-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -7,-57; SPATIAL SCAN 0.6 9,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-12 Non-Int in hwcar - visit 1 (08) Same Obset in Sequence 1-12 Non-Int in hwcar - visit 1 (08)	348 Secs (348 Secs) [==>]	[1]
	5		(2) V-HW-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -7,-57; SPATIAL SCAN 0.6 9,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-12 Non-Int in hwcar - visit 1 (08) Same Obset in Sequence 1-12 Non-Int in hwcar - visit 1 (08)	348 Secs (348 Secs) [==>]	[1]
	6		(2) V-HW-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-12 Non-Int in hwcar - visit 1 (08) Same Obset in Sequence 1-12 Non-Int in hwcar - visit 1 (08)	348 Secs (348 Secs) [==>]	[1]
	7		(2) V-HW-CAR	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,-60	Sequence 1-12 Non-Int in hwcar - visit 1 (08) Same Obset in Sequence 1-12 Non-Int in hwcar - visit 1 (08)	24.229711 Secs (24.23 Secs) [==>]	[1]
	8		(2) V-HW-CAR	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,60	Sequence 1-12 Non-Int in hwcar - visit 1 (08) Same Obset in Sequence 1-12 Non-Int in hwcar - visit 1 (08)	24.229711 Secs (24.23 Secs) [==>]	[1]
	9		(2) V-HW-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 1-12 Non-Int in hwcar - visit 1 (08) Same Obset in Sequence 1-12 Non-Int in hwcar - visit 1 (08)	6.824216 Secs (6.824 Secs) [==>]	[1]

Proposal 13678 - hwcar - visit 1 (08) - The Fifth and Final Epoch

10	(2) V-HW-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 1-12 Non-Int in hwcar - visit 1 (08) Same Obset in Sequence 1-12 Non-Int in hwcar - visit 1 (08)	6.824216 Secs (6.824 Secs) [==>]	[1]
11	(2) V-HW-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 1-12 Non-Int in hwcar - visit 1 (08) Same Obset in Sequence 1-12 Non-Int in hwcar - visit 1 (08)	2.5 Secs (2.5 Secs) [==>]	[1]
12	(2) V-HW-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 1-12 Non-Int in hwcar - visit 1 (08) Same Obset in Sequence 1-12 Non-Int in hwcar - visit 1 (08)	2.5 Secs (2.5 Secs) [==>]	[1]



Proposal 13678 - ddcas - visit 1 (09) - The Fifth and Final Epoch

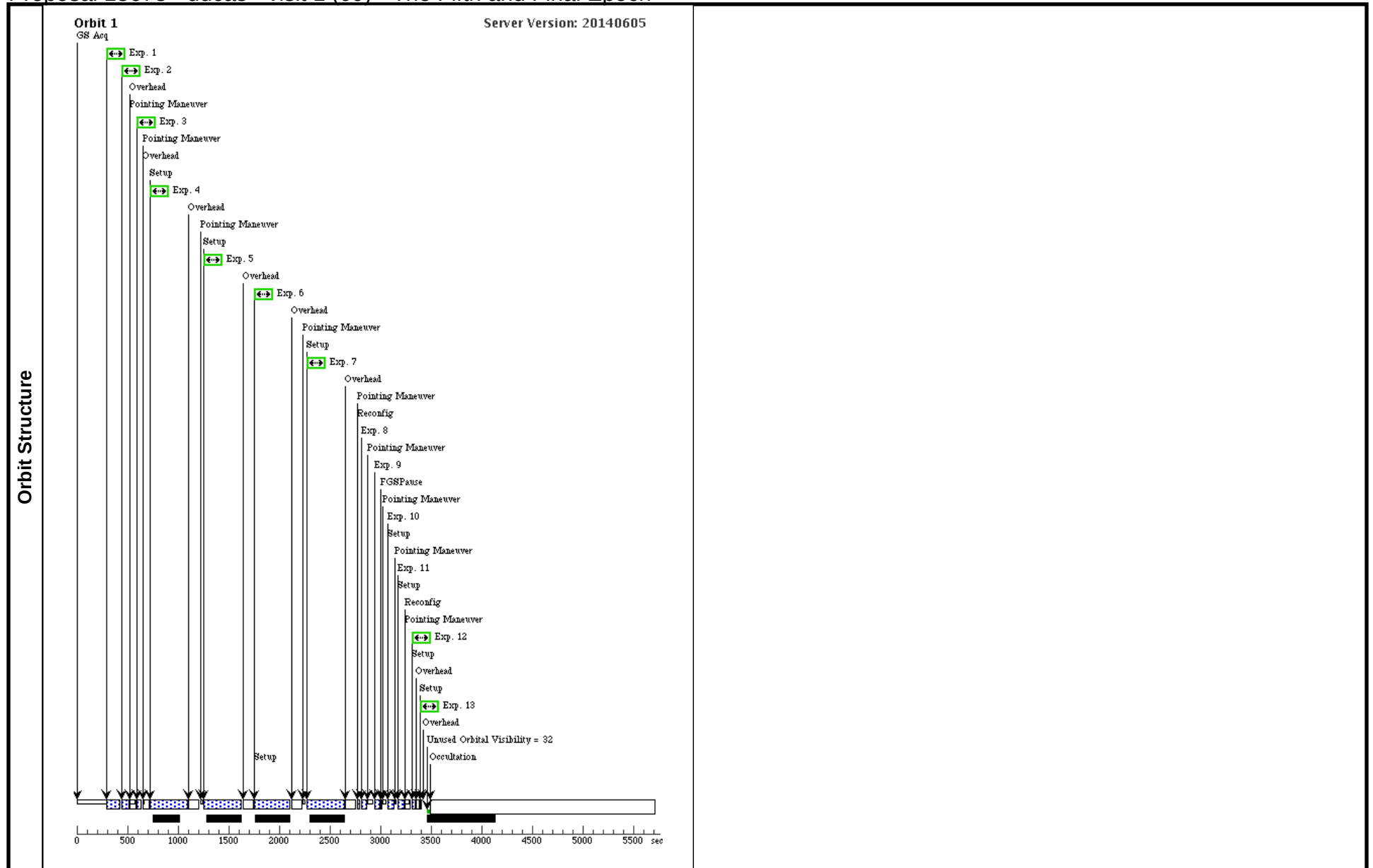
Visit	Proposal 13678, ddcas - visit 1 (09), implementation					Wed Jul 30 01:04:18 GMT 2014
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, WFC3/UVIS					
	Special Requirements: ORIENT 61D TO 61 D; BETWEEN 23-JAN-2015 AND 30-JAN-2015					
	Comments: Same guide star set used in 12879					
Diagnostics	(ddcas - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(ddcas - visit 1 (09)) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT					
	(ddcas - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(ddcas - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(ddcas - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(ddcas - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(ddcas - visit 1 (09)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE					
	(ddcas - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(ddcas - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
	(ddcas - visit 1 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	V-DD-CAS	RA: 23 57 34.9599 (359.3956662d) Dec: +62 43 5.69 (62.71825d) Equinox: J2000		V=9.84	Reference Frame: SIMBAD
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					

Proposal 13678 - ddcas - visit 1 (09) - The Fifth and Final Epoch

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) V-DD-CAS	WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GSPAIR N18O0009 68F3N18O000462F1 ; GS ACQ SCENARI O BASE1B3	Sequence 1-13 Non-Int in ddcas - visit 1 (09) Same Obset in Sequence 1-13 Non-Int in ddcas - visit 1 (09)	30 Secs (30 Secs) [==>]	[1]
	2		(5) V-DD-CAS	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GSPAIR N18O0009 68F3N18O000462F1 ; GS ACQ SCENARI O BASE1B3	Sequence 1-13 Non-Int in ddcas - visit 1 (09) Same Obset in Sequence 1-13 Non-Int in ddcas - visit 1 (09)	42 Secs (42 Secs) [==>]	[1]
	3		(5) V-DD-CAS	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARI O BASE1B3	Sequence 1-13 Non-Int in ddcas - visit 1 (09) Same Obset in Sequence 1-13 Non-Int in ddcas - visit 1 (09)	42 Secs (42 Secs) [==>]	[1]
	4		(5) V-DD-CAS	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-13 Non-Int in ddcas - visit 1 (09) Same Obset in Sequence 1-13 Non-Int in ddcas - visit 1 (09)	348 Secs (348 Secs) [==>]	[1]
	5		(5) V-DD-CAS	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -3,-57; SPATIAL SCAN 0.3 3,90.05 Degrees,Reverse	Sequence 1-13 Non-Int in ddcas - visit 1 (09) Same Obset in Sequence 1-13 Non-Int in ddcas - visit 1 (09)	348 Secs (348 Secs) [==>]	[1]
	6		(5) V-DD-CAS	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -3,-57; SPATIAL SCAN 0.3 3,90.05 Degrees,Forward	Sequence 1-13 Non-Int in ddcas - visit 1 (09) Same Obset in Sequence 1-13 Non-Int in ddcas - visit 1 (09)	348 Secs (348 Secs) [==>]	[1]
	7		(5) V-DD-CAS	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-13 Non-Int in ddcas - visit 1 (09) Same Obset in Sequence 1-13 Non-Int in ddcas - visit 1 (09)	348 Secs (348 Secs) [==>]	[1]
	8		(5) V-DD-CAS	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,-60 5;	Sequence 1-13 Non-Int in ddcas - visit 1 (09) Same Obset in Sequence 1-13 Non-Int in ddcas - visit 1 (09)	24.229711 Secs (24.23 Secs) [==>]	[1]
	9		(5) V-DD-CAS	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,60 5;	Sequence 1-13 Non-Int in ddcas - visit 1 (09) Same Obset in Sequence 1-13 Non-Int in ddcas - visit 1 (09)	24.229711 Secs (24.23 Secs) [==>]	[1]

Proposal 13678 - ddcas - visit 1 (09) - The Fifth and Final Epoch

	10	(5) V-DD-CAS	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 1-13 Non-Int in ddcas - visit 1 (09) Same Obset in Sequence 1-13 Non-Int in ddcas - visit 1 (09)	6.824216 Secs (6.824 Secs) [==>]	[1]
	11	(5) V-DD-CAS	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 1-13 Non-Int in ddcas - visit 1 (09) Same Obset in Sequence 1-13 Non-Int in ddcas - visit 1 (09)	6.824216 Secs (6.824 Secs) [==>]	[1]
	12	(5) V-DD-CAS	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 1-13 Non-Int in ddcas - visit 1 (09) Same Obset in Sequence 1-13 Non-Int in ddcas - visit 1 (09)	2.5 Secs (2.5 Secs) [==>]	[1]
	13	(5) V-DD-CAS	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 1-13 Non-Int in ddcas - visit 1 (09) Same Obset in Sequence 1-13 Non-Int in ddcas - visit 1 (09)	2.5 Secs (2.5 Secs) [==>]	[1]



Proposal 13678 - xzcar - visit 1 (10) - The Fifth and Final Epoch

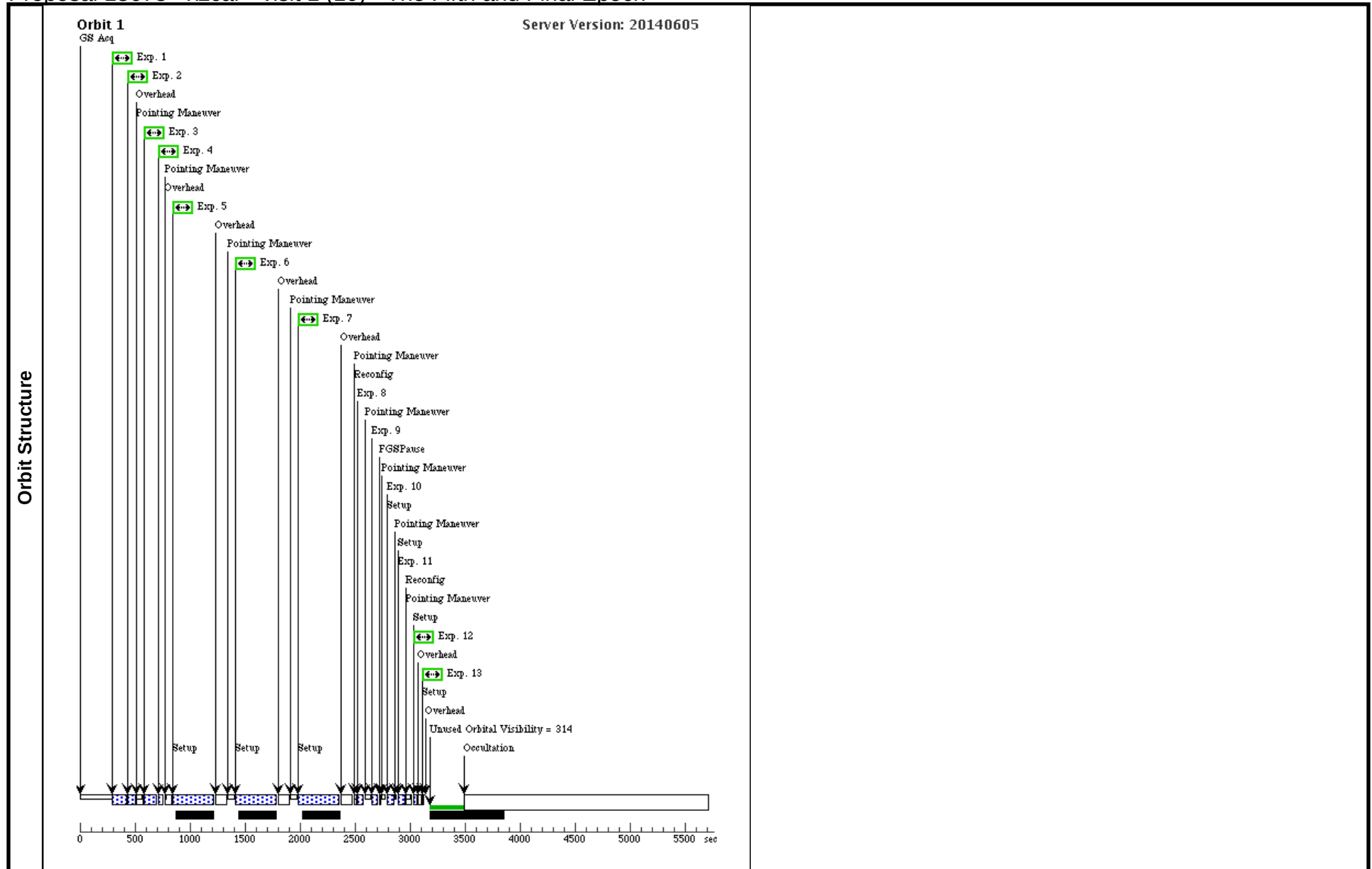
Visit	Proposal 13678, xzcar - visit 1 (10), implementation Wed Jul 30 01:04:18 GMT 2014				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 346D TO 346 D; BETWEEN 30-JAN-2015 AND 05-FEB-2015 <i>Comments: Same guide star set used in 12879</i>				
Diagnostics	(xzcar - visit 1 (10)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (xzcar - visit 1 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (xzcar - visit 1 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (xzcar - visit 1 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (xzcar - visit 1 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (xzcar - visit 1 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (xzcar - visit 1 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (xzcar - visit 1 (10)) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT (xzcar - visit 1 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	V-XZ-CAR	RA: 11 04 13.4745 (166.0561438d) Dec: -60 58 47.74 (-60.97993d) Equinox: J2000		V=8.67
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					

Proposal 13678 - xzcar - visit 1 (10) - The Fifth and Final Epoch

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) V-XZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GSPAIR S4A000011 5F2S4A0000261F1	Sequence 1-13 Non-Int in xzcar - visit 1 (10) Same Obset in Sequence 1-13 Non-Int in xzcar - visit 1 (10)	25 Secs (25 Secs) [==>]	[1]
	2		(3) V-XZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GSPAIR S4A000011 5F2S4A0000261F1; GS ACQ SCENARIO BASE1B3	Sequence 1-13 Non-Int in xzcar - visit 1 (10) Same Obset in Sequence 1-13 Non-Int in xzcar - visit 1 (10)	40 Secs (40 Secs) [==>]	[1]
	3		(3) V-XZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARIO BASE1B3	Sequence 1-13 Non-Int in xzcar - visit 1 (10) Same Obset in Sequence 1-13 Non-Int in xzcar - visit 1 (10)	40 Secs (40 Secs) [==>]	[1]
	4		(3) V-XZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F850LP	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARIO BASE1B3	Sequence 1-13 Non-Int in xzcar - visit 1 (10) Same Obset in Sequence 1-13 Non-Int in xzcar - visit 1 (10)	25 Secs (25 Secs) [==>]	[1]
	5		(3) V-XZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-13 Non-Int in xzcar - visit 1 (10) Same Obset in Sequence 1-13 Non-Int in xzcar - visit 1 (10)	348 Secs (348 Secs) [==>]	[1]
	6		(3) V-XZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -7,-71; SPATIAL SCAN 0.8 6,90.05 Degrees,Forward,4.0 Arcsec,2	Sequence 1-13 Non-Int in xzcar - visit 1 (10) Same Obset in Sequence 1-13 Non-Int in xzcar - visit 1 (10)	348 Secs (348 Secs) [==>]	[1]
	7		(3) V-XZ-CAR	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-13 Non-Int in xzcar - visit 1 (10) Same Obset in Sequence 1-13 Non-Int in xzcar - visit 1 (10)	348 Secs (348 Secs) [==>]	[1]
	8		(3) V-XZ-CAR	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,-60	Sequence 1-13 Non-Int in xzcar - visit 1 (10) Same Obset in Sequence 1-13 Non-Int in xzcar - visit 1 (10)	24.229711 Secs (24.23 Secs) [==>]	[1]
	9		(3) V-XZ-CAR	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,60	Sequence 1-13 Non-Int in xzcar - visit 1 (10) Same Obset in Sequence 1-13 Non-Int in xzcar - visit 1 (10)	24.229711 Secs (24.23 Secs) [==>]	[1]

Proposal 13678 - xzcar - visit 1 (10) - The Fifth and Final Epoch

10	(3) V-XZ-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 GYRO	Sequence 1-13 Non-Int in xzcar - visit 1 (10) Same Obset in Sequence 1-13 Non-Int in xzcar - visit 1 (10)	6.824216 Secs (6.824 Secs) [==>]	[1]
11	(3) V-XZ-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 GYRO	Sequence 1-13 Non-Int in xzcar - visit 1 (10) Same Obset in Sequence 1-13 Non-Int in xzcar - visit 1 (10)	6.824216 Secs (6.824 Secs) [==>]	[1]
12	(3) V-XZ-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 GYRO	Sequence 1-13 Non-Int in xzcar - visit 1 (10) Same Obset in Sequence 1-13 Non-Int in xzcar - visit 1 (10)	2.5 Secs (2.5 Secs) [==>]	[1]
13	(3) V-XZ-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 GYRO	Sequence 1-13 Non-Int in xzcar - visit 1 (10) Same Obset in Sequence 1-13 Non-Int in xzcar - visit 1 (10)	2.5 Secs (2.5 Secs) [==>]	[1]



Proposal 13678 - vxper - visit 1 (11) - The Fifth and Final Epoch

Visit	Proposal 13678, vxper - visit 1 (11), implementation Wed Jul 30 01:04:18 GMT 2014				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 70D TO 70 D; BETWEEN 07-FEB-2015 AND 14-FEB-2015 <i>Comments: Same guide star set used in 12879</i>				
Diagnostics	(vxper - visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (vxper - visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (vxper - visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (vxper - visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (vxper - visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (vxper - visit 1 (11)) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (vxper - visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (vxper - visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (vxper - visit 1 (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(6)	V-VX-PER	RA: 02 07 48.4795 (31.9519979d) Dec: +58 26 36.72 (58.44353d) Equinox: J2000		V=9.37
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					

Proposal 13678 - vxper - visit 1 (11) - The Fifth and Final Epoch

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) V-VX-PER	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GSPAIR NAK90008 60F2NAK9000442F 1	Sequence 1-12 Non-Int in vxper - visit 1 (11) Same Obset in Sequence 1-12 Non-Int in vxper - visit 1 (11)	50 Secs (50 Secs) [==>]	[1]
	2		(6) V-VX-PER	WFC3/UVIS, ACCUM, UVIS-CENTER	F467M	CR-SPLIT=NO; BIN=2; FLASH=10	POS TARG -3,-72; GS ACQ SCENARIO BASE1B3	Sequence 1-12 Non-Int in vxper - visit 1 (11) Same Obset in Sequence 1-12 Non-Int in vxper - visit 1 (11)	50 Secs (50 Secs) [==>]	[1]
	3		(6) V-VX-PER	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Forward	Sequence 1-12 Non-Int in vxper - visit 1 (11) Same Obset in Sequence 1-12 Non-Int in vxper - visit 1 (11)	350 Secs (350 Secs) [==>]	[1]
	4		(6) V-VX-PER	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -3,-75; SPATIAL SCAN 0.4 3,90.05 Degrees,Reverse	Sequence 1-12 Non-Int in vxper - visit 1 (11) Same Obset in Sequence 1-12 Non-Int in vxper - visit 1 (11)	350 Secs (350 Secs) [==>]	[1]
	5		(6) V-VX-PER	WFC3/UVIS, ACCUM, UVIS-CENTER	F621M		POS TARG -3,-75; SPATIAL SCAN 0.4 3,90.05 Degrees,Forward	Sequence 1-12 Non-Int in vxper - visit 1 (11) Same Obset in Sequence 1-12 Non-Int in vxper - visit 1 (11)	350 Secs (350 Secs) [==>]	[1]
	6		(6) V-VX-PER	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W		POS TARG -3,-72; SPATIAL SCAN 0.4 1,90.05 Degrees,Reverse	Sequence 1-12 Non-Int in vxper - visit 1 (11) Same Obset in Sequence 1-12 Non-Int in vxper - visit 1 (11)	350 Secs (350 Secs) [==>]	[1]
	7		(6) V-VX-PER	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,-60	Sequence 1-12 Non-Int in vxper - visit 1 (11) Same Obset in Sequence 1-12 Non-Int in vxper - visit 1 (11)	24.229711 Secs (24.23 Secs) [==>]	[1]
	8		(6) V-VX-PER	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	SAMP-SEQ=STEP2 5; NSAMP=5	POS TARG null,60	Sequence 1-12 Non-Int in vxper - visit 1 (11) Same Obset in Sequence 1-12 Non-Int in vxper - visit 1 (11)	24.229711 Secs (24.23 Secs) [==>]	[1]
	9		(6) V-VX-PER	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 1-12 Non-Int in vxper - visit 1 (11) Same Obset in Sequence 1-12 Non-Int in vxper - visit 1 (11)	6.824216 Secs (6.824 Secs) [==>]	[1]

Proposal 13678 - vxper - visit 1 (11) - The Fifth and Final Epoch

	10	(6) V-VX-PER	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 1-12 Non-Int in vxper - visit 1 (11) Same Obset in Sequence 1-12 Non-Int in vxper - visit 1 (11)	6.824216 Secs (6.824 Secs) [==>]	[1]
	11	(6) V-VX-PER	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 1-12 Non-Int in vxper - visit 1 (11) Same Obset in Sequence 1-12 Non-Int in vxper - visit 1 (11)	2.5 Secs (2.5 Secs) [==>]	[1]
	12	(6) V-VX-PER	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 1-12 Non-Int in vxper - visit 1 (11) Same Obset in Sequence 1-12 Non-Int in vxper - visit 1 (11)	2.5 Secs (2.5 Secs) [==>]	[1]

Proposal 13678 - vxper - visit 1 (11) - The Fifth and Final Epoch

