



18052 - Golden Cepheids in Open Clusters; A Complete HST+Gaia Reference Sample to Optimize the Hubble Constant

Cycle: 33, Proposal Category: GO

(Availability Mode: AVAILABLE)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>
Dr. Adam Riess (PI) (Contact)	The Johns Hopkins University
Dr. Stefano Casertano (CoI)	Space Telescope Science Institute

VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) V-CE-CAS	WFC3/IR WFC3/UVIS	1	06-Mar-2026 12:00:16.0	yes
02	(2) V-GM-CAS	WFC3/IR WFC3/UVIS	1	06-Mar-2026 12:00:17.0	yes
03	(3) V-MN-CAM	WFC3/IR WFC3/UVIS	1	06-Mar-2026 12:00:18.0	yes
04	(4) V-AN-AUR	WFC3/IR WFC3/UVIS	1	06-Mar-2026 12:00:20.0	yes
05	(5) ASAS-J075345-3658.2	WFC3/IR WFC3/UVIS	1	06-Mar-2026 12:00:21.0	yes
06	(6) V-IQ-NOR	WFC3/IR WFC3/UVIS	1	06-Mar-2026 12:00:23.0	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>
10	(10) NSVS-8389949	WFC3/IR WFC3/UVIS	1	06-Mar-2026 12:00:24.0	yes
11	(11) V-BM-PER	WFC3/IR WFC3/UVIS	1	06-Mar-2026 12:00:25.0	yes
07	(7) V-TY-SCT	WFC3/IR WFC3/UVIS	1	06-Mar-2026 12:00:26.0	yes
08	(8) V-CN-SCT	WFC3/IR WFC3/UVIS	1	06-Mar-2026 12:00:27.0	yes
09	(9) V-GI-CYG	WFC3/IR WFC3/UVIS	1	06-Mar-2026 12:00:29.0	yes

11 Total Orbits Used

ABSTRACT

The Hubble tension, a 5-sigma discrepancy between the measured and cosmologically predicted value of the Hubble constant (H_0) is one of the most compelling developments in cosmology in decades. Having withstood scrutiny and extensive crosschecks, it now demands pursuit with maximum signal-to-noise and a clear path to future improvements. The leading H_0 determination is based on photometric observations of 14 Milky Way Cepheids in open clusters whose companion stars provide the opportunity to average-down errors and provide extreme parallax precision with Gaia. These calibrate Cepheids in the hosts of 42 local SN Ia, minimizing zeropoint errors through uniform WFC3 use. The recently released Gaia DR3 has provided the opportunity to discover new open clusters and established the association (through positions and proper motions) with 10 additional "golden" Cepheids. We propose two goals to optimize the current HST-based H_0 measurement while supporting JWST calibration: (1) complete the high-leverage MW Cepheid sample by observing the final 10 with WFC3, to produce a 30% reduction in the uncertainty, and (2) obtain WFC3-IR NIR grism spectrophotometry at 0.8-1.7 micron of these stars to synthesize their magnitudes in JWST filters (F090W, F115W, F150W), empirically calibrating JWST's emerging distance ladder. These data will sharpen the current Gaia-based H_0 and enable future gains. This effort will lay a cornerstone for a <1% H_0 determination and further our understanding of what may be a fundamental shift in the cosmological model.

OBSERVING DESCRIPTION

tbd

Proposal 18052 - CE-CAS (01) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

Fri Mar 06 17:00:29 GMT 2026

Visit	Proposal 18052, CE-CAS (01), scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	Diagnostics	(CE-CAS (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING				
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(CE-CAS (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	V-CE-CAS	RA: 23 58 9.3130 (359.5388042d) Dec: +61 12 49.26 (61.21368d) Equinox: J2000	Proper Motion RA: -3.30 mas/yr Proper Motion Dec: -1.87 mas/yr Parallax: 0.00031" Epoch of Position: 2000	V=10.63	Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[CEPHEID]						

Proposal 18052 - CE-CAS (01) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	(1) V-CE-CAS	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in CE-CAS (01)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	2	(1) V-CE-CAS	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in CE-CAS (01)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	3	(1) V-CE-CAS	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5		Same Guide Stars in CE-CAS (01)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	4	(1) V-CE-CAS	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in CE-CAS (01)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	5	(1) V-CE-CAS	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in CE-CAS (01)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	6	(1) V-CE-CAS	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in CE-CAS (01)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	7	(1) V-CE-CAS	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=5	NEW OBSET; EXP PCS MODE FI NE	Same Guide Stars in CE-CAS (01) Same Obset in Same Guide Stars in CE-CAS (01)	4.265135 Secs (4.265 Secs) [==>]	[1]	
	<i>Comments: staring mode</i>									
	8	(1) V-CE-CAS	WFC3/IR, MULTIACCUM, IRSUB512	F153M	SAMP-SEQ=RAPID ; NSAMP=9	POS TARG -5,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in CE-CAS (01) Same Obset in Same Guide Stars in CE-CAS (01)	7.677243 Secs (7.677 Secs) [==>]	[1]	
	<i>Comments: IR scan, Cepheid moves across field</i>									
9	(1) V-CE-CAS	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=7	POS TARG -5,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FI NE	Same Guide Stars in CE-CAS (01) Same Obset in Same Guide Stars in CE-CAS (01)	20.526037 Secs (20.526 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field, reverse</i>										
10	(1) V-CE-CAS	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in CE-CAS (01) Same Obset in Same Guide Stars in CE-CAS (01)	6.824216 Secs (6.824 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field</i>										

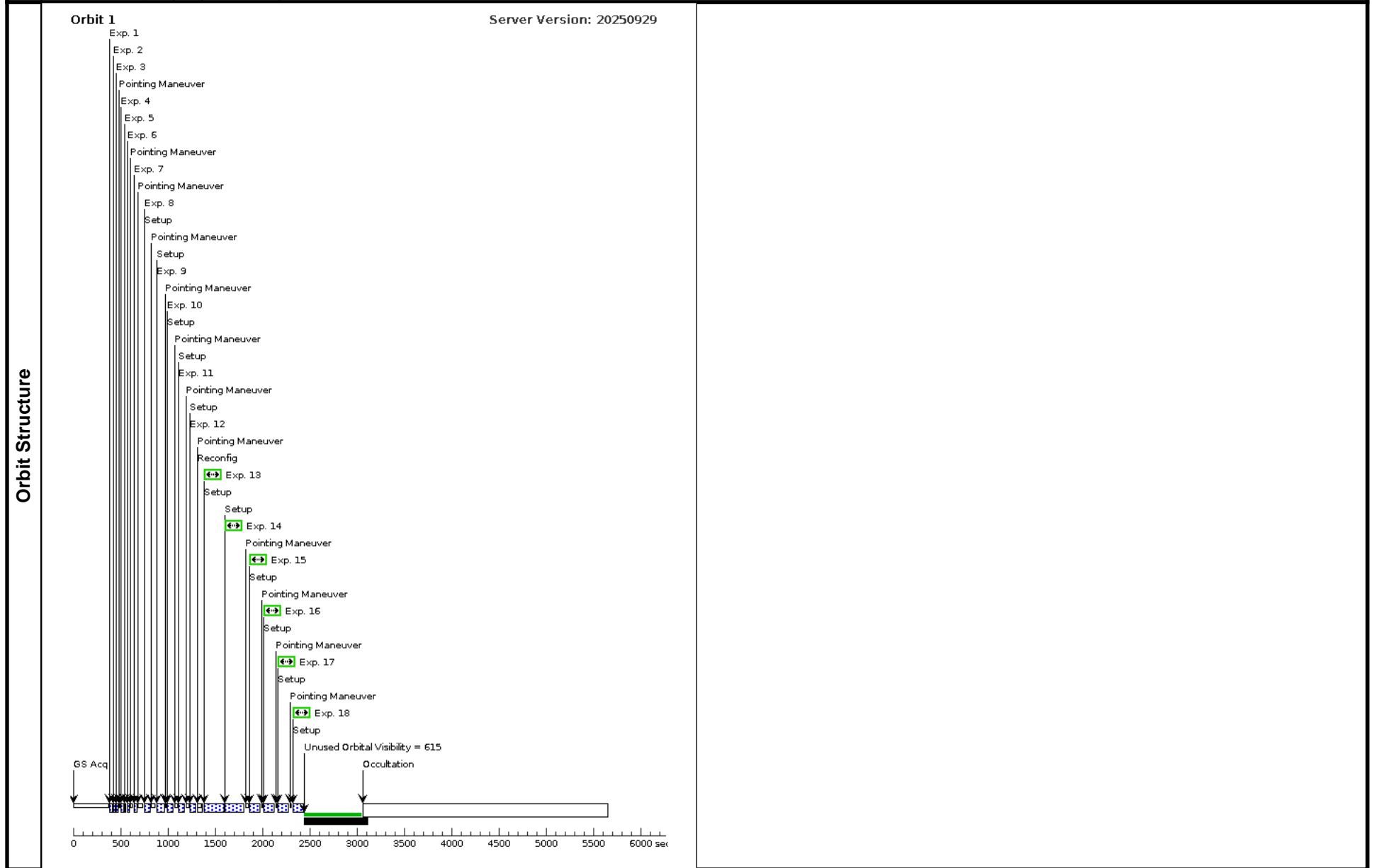
Proposal 18052 - CE-CAS (01) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

11	(1) V-CE-CAS	WFC3/IR, MULTIACCUM, IRSUB512	F127M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-20; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in CE-CAS (01) Same Obset in Same Guide Stars in CE-CAS (01)	6.824216 Secs (6.824 Secs) [==>]	[1]
<i>Comments: IR scan, Cepheid moves across field</i>								
12	(1) V-CE-CAS	WFC3/IR, MULTIACCUM, IRSUB512	F139M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in CE-CAS (01) Same Obset in Same Guide Stars in CE-CAS (01)	6.824216 Secs (6.824 Secs) [==>]	[1]
<i>Comments: IR scan, Cepheid moves across field</i>								
13	(1) V-CE-CAS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in CE-CAS (01) Same Obset in Same Guide Stars in CE-CAS (01)	2.5 Secs (2.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
14	(1) V-CE-CAS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F555W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in CE-CAS (01) Same Obset in Same Guide Stars in CE-CAS (01)	2.5 Secs (2.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame</i>								
15	(1) V-CE-CAS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F438W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in CE-CAS (01) Same Obset in Same Guide Stars in CE-CAS (01)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
16	(1) V-CE-CAS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in CE-CAS (01) Same Obset in Same Guide Stars in CE-CAS (01)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame</i>								
17	(1) V-CE-CAS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F475W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in CE-CAS (01) Same Obset in Same Guide Stars in CE-CAS (01)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								

Proposal 18052 - CE-CAS (01) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

18	(1) V-CE-CAS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F336W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,For ward; EXP PCS MODE FI NE	Same Guide Stars in CE-CAS (01) Same Obset in Same Guide Stars in CE-C AS (01)	2.0 Secs (2 Secs) [==>]	[1]
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Comments: scan, keep Cepheid within frame



Proposal 18052 - GM-CAS (02) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubb...

Fri Mar 06 17:00:30 GMT 2026

Visit	<p>Proposal 18052, GM-CAS (02), scheduling</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: (none)</p>																	
Diagnostics	<p>(GM-CAS (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(GM-CAS (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(GM-CAS (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(GM-CAS (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(GM-CAS (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(GM-CAS (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(GM-CAS (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(GM-CAS (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(GM-CAS (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(GM-CAS (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(GM-CAS (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(GM-CAS (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(GM-CAS (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>																	
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>V-GM-CAS</td> <td>RA: 02 26 56.6913 (36.7362138d) Dec: +60 34 17.10 (60.57142d) Equinox: J2000</td> <td>Proper Motion RA: -0.904 mas/yr Proper Motion Dec: -0.3829999741356005 mas/yr Parallax: 3.787E-4" Epoch of Position: 2000</td> <td>V=11.25</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p>Category=STAR Description=[CEPHEID]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	V-GM-CAS	RA: 02 26 56.6913 (36.7362138d) Dec: +60 34 17.10 (60.57142d) Equinox: J2000	Proper Motion RA: -0.904 mas/yr Proper Motion Dec: -0.3829999741356005 mas/yr Parallax: 3.787E-4" Epoch of Position: 2000	V=11.25	Reference Frame: ICRS					
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous													
(2)	V-GM-CAS	RA: 02 26 56.6913 (36.7362138d) Dec: +60 34 17.10 (60.57142d) Equinox: J2000	Proper Motion RA: -0.904 mas/yr Proper Motion Dec: -0.3829999741356005 mas/yr Parallax: 3.787E-4" Epoch of Position: 2000	V=11.25	Reference Frame: ICRS													

Proposal 18052 - GM-CAS (02) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubb...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	(2) V-GM-CAS	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in GM-CAS (02)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	2	(2) V-GM-CAS	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in GM-CAS (02)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	3	(2) V-GM-CAS	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5		Same Guide Stars in GM-CAS (02)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	4	(2) V-GM-CAS	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in GM-CAS (02)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	5	(2) V-GM-CAS	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in GM-CAS (02)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	6	(2) V-GM-CAS	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in GM-CAS (02)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	7	(2) V-GM-CAS	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=5	NEW OBSET; EXP PCS MODE FI NE	Same Guide Stars in GM-CAS (02) Same Obset in Same Guide Stars in GM-CAS (02)	4.265135 Secs (4.265 Secs) [==>]	[1]	
	<i>Comments: staring mode</i>									
	8	(2) V-GM-CAS	WFC3/IR, MULTIACCUM, IRSUB512	F153M	SAMP-SEQ=RAPID ; NSAMP=9	POS TARG -5,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in GM-CAS (02) Same Obset in Same Guide Stars in GM-CAS (02)	7.677243 Secs (7.677 Secs) [==>]	[1]	
	<i>Comments: IR scan, Cepheid moves across field</i>									
9	(2) V-GM-CAS	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=7	POS TARG -5,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FI NE	Same Guide Stars in GM-CAS (02) Same Obset in Same Guide Stars in GM-CAS (02)	20.526037 Secs (20.526 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field, reverse</i>										
10	(2) V-GM-CAS	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in GM-CAS (02) Same Obset in Same Guide Stars in GM-CAS (02)	6.824216 Secs (6.824 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field</i>										

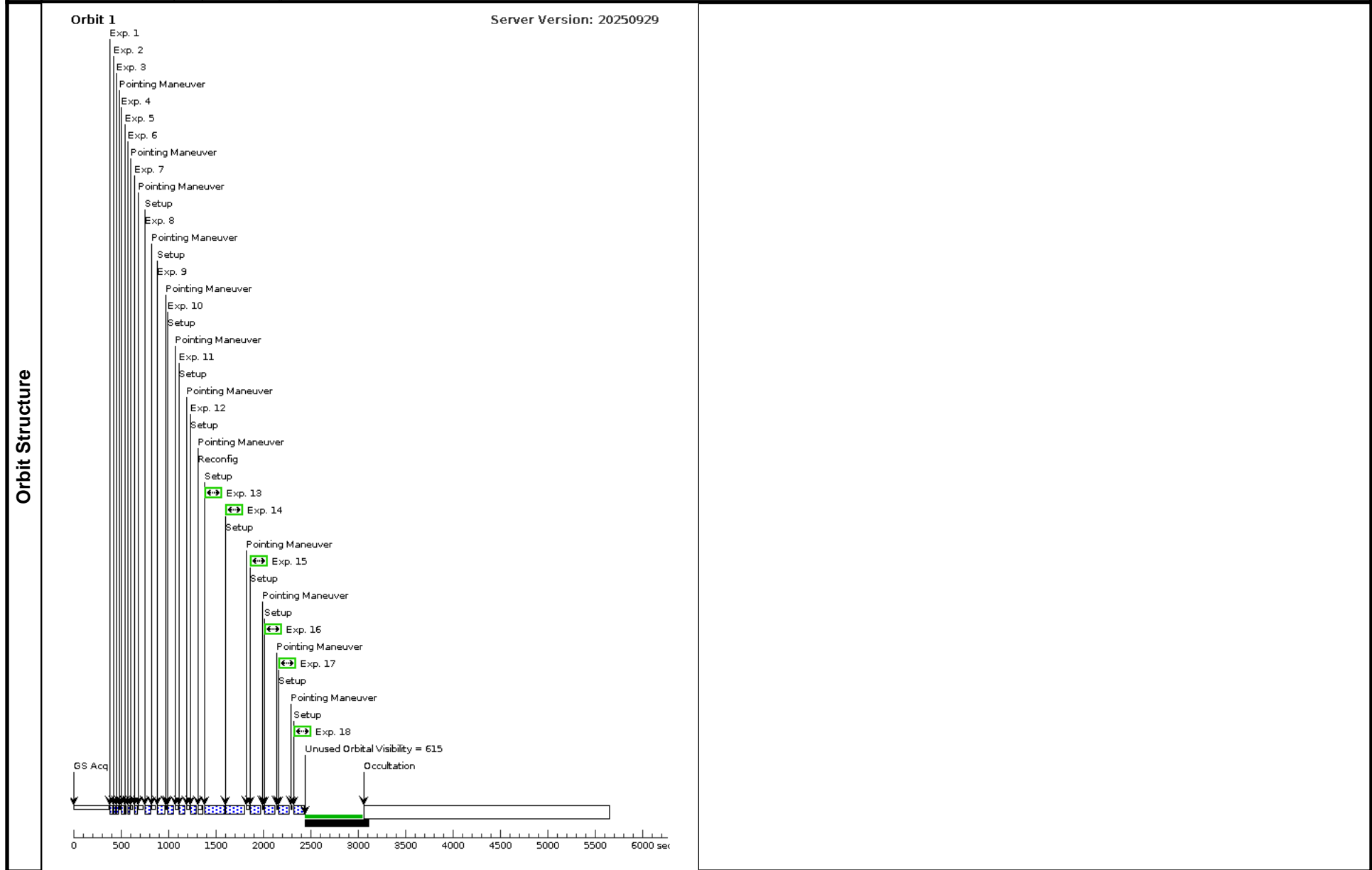
Proposal 18052 - GM-CAS (02) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubb...

11	(2) V-GM-CAS	WFC3/IR, MULTIACCUM, IRSUB512	F127M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-20; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in GM-CAS (02) Same Obset in Same Guide Stars in GM-CAS (02)	6.824216 Secs (6.824 Secs) [==>]	[1]
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12	(2) V-GM-CAS	WFC3/IR, MULTIACCUM, IRSUB512	F139M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in GM-CAS (02) Same Obset in Same Guide Stars in GM-CAS (02)	6.824216 Secs (6.824 Secs) [==>]	[1]
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13	(2) V-GM-CAS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in GM-CAS (02) Same Obset in Same Guide Stars in GM-CAS (02)	2.5 Secs (2.5 Secs) [==>]	[1]
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14	(2) V-GM-CAS	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F555W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in GM-CAS (02) Same Obset in Same Guide Stars in GM-CAS (02)	2.5 Secs (2.5 Secs) [==>]	[1]
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15	(2) V-GM-CAS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F438W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in GM-CAS (02) Same Obset in Same Guide Stars in GM-CAS (02)	2.0 Secs (2 Secs) [==>]	[1]
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16	(2) V-GM-CAS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in GM-CAS (02) Same Obset in Same Guide Stars in GM-CAS (02)	2.0 Secs (2 Secs) [==>]	[1]
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17	(2) V-GM-CAS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F475W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in GM-CAS (02) Same Obset in Same Guide Stars in GM-CAS (02)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								

Proposal 18052 - GM-CAS (02) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubb...

18	(2) V-GM-CAS	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F336W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,For ward; EXP PCS MODE FI NE	Same Guide Stars in GM-CAS (02) Same Obset in Same Guide Stars in GM-C AS (02)	2.0 Secs (2 Secs) [==>]	[1]
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Comments: scan, keep Cepheid within frame



Proposal 18052 - MN-CAM (03) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubb...

Fri Mar 06 17:00:30 GMT 2026

Visit	<p>Proposal 18052, MN-CAM (03), scheduling</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: (none)</p>																
Diagnostics	<p>(MN-CAM (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(MN-CAM (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(MN-CAM (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(MN-CAM (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(MN-CAM (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(MN-CAM (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(MN-CAM (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(MN-CAM (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(MN-CAM (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(MN-CAM (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(MN-CAM (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(MN-CAM (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(MN-CAM (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>V-MN-CAM</td> <td>RA: 03 57 29.7426 (59.3739275d) Dec: +54 56 17.08 (54.93808d) Equinox: J2000</td> <td>Proper Motion RA: -0.263 mas/yr Proper Motion Dec: -0.6449999318647315 mas/yr Parallax: 3.376E-4" Epoch of Position: 2000</td> <td>V=8.0</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p>Category=STAR Description=[CEPHEID]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	V-MN-CAM	RA: 03 57 29.7426 (59.3739275d) Dec: +54 56 17.08 (54.93808d) Equinox: J2000	Proper Motion RA: -0.263 mas/yr Proper Motion Dec: -0.6449999318647315 mas/yr Parallax: 3.376E-4" Epoch of Position: 2000	V=8.0	Reference Frame: ICRS				
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(3)	V-MN-CAM	RA: 03 57 29.7426 (59.3739275d) Dec: +54 56 17.08 (54.93808d) Equinox: J2000	Proper Motion RA: -0.263 mas/yr Proper Motion Dec: -0.6449999318647315 mas/yr Parallax: 3.376E-4" Epoch of Position: 2000	V=8.0	Reference Frame: ICRS												

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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	(3) V-MN-CAM	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in MN-CAM (03)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	2	(3) V-MN-CAM	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in MN-CAM (03)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	3	(3) V-MN-CAM	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5		Same Guide Stars in MN-CAM (03)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	4	(3) V-MN-CAM	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in MN-CAM (03)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	5	(3) V-MN-CAM	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in MN-CAM (03)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	6	(3) V-MN-CAM	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in MN-CAM (03)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	7	(3) V-MN-CAM	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=5	NEW OBSET; EXP PCS MODE FI NE	Same Guide Stars in MN-CAM (03) Same Obset in Same Guide Stars in MN-CAM (03)	4.265135 Secs (4.265 Secs) [==>]	[1]	
	<i>Comments: staring mode</i>									
	8	(3) V-MN-CAM	WFC3/IR, MULTIACCUM, IRSUB512	F153M	SAMP-SEQ=RAPID ; NSAMP=9	POS TARG -5,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in MN-CAM (03) Same Obset in Same Guide Stars in MN-CAM (03)	7.677243 Secs (7.677 Secs) [==>]	[1]	
	<i>Comments: IR scan, Cepheid moves across field</i>									
9	(3) V-MN-CAM	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=7	POS TARG -5,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FI NE	Same Guide Stars in MN-CAM (03) Same Obset in Same Guide Stars in MN-CAM (03)	20.526037 Secs (20.526 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field, reverse</i>										
10	(3) V-MN-CAM	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in MN-CAM (03) Same Obset in Same Guide Stars in MN-CAM (03)	6.824216 Secs (6.824 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field</i>										

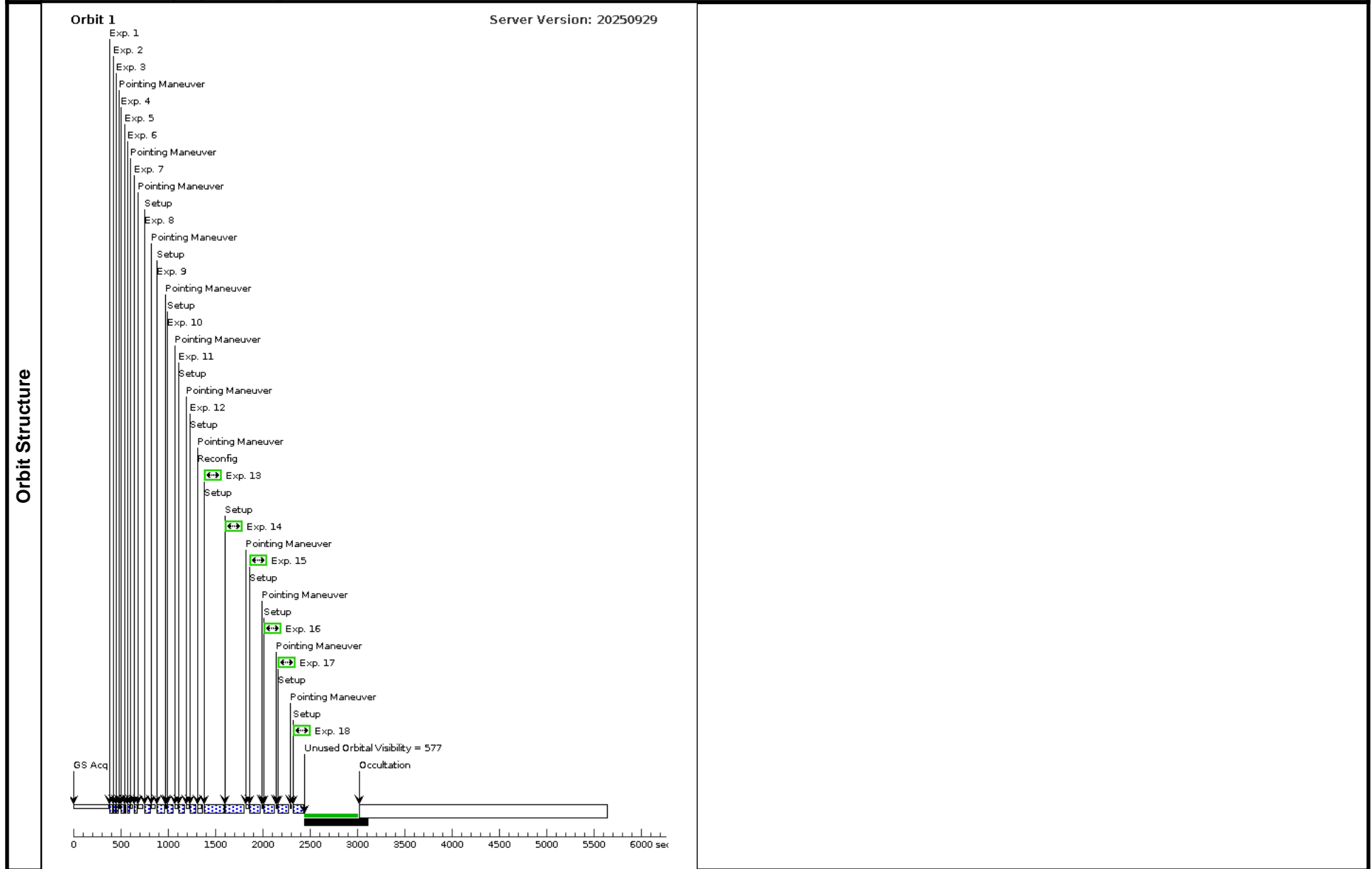
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11	(3) V-MN-CAM	WFC3/IR, MULTIACCUM, IRSUB512	F127M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-20; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in MN-CAM (03) Same Obset in Same Guide Stars in MN-CAM (03)	6.824216 Secs (6.824 Secs) [==>]	[1]
<i>Comments: IR scan, Cepheid moves across field</i>								
12	(3) V-MN-CAM	WFC3/IR, MULTIACCUM, IRSUB512	F139M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in MN-CAM (03) Same Obset in Same Guide Stars in MN-CAM (03)	6.824216 Secs (6.824 Secs) [==>]	[1]
<i>Comments: IR scan, Cepheid moves across field</i>								
13	(3) V-MN-CAM	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in MN-CAM (03) Same Obset in Same Guide Stars in MN-CAM (03)	2.5 Secs (2.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
14	(3) V-MN-CAM	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F555W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in MN-CAM (03) Same Obset in Same Guide Stars in MN-CAM (03)	2.5 Secs (2.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame</i>								
15	(3) V-MN-CAM	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F438W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in MN-CAM (03) Same Obset in Same Guide Stars in MN-CAM (03)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
16	(3) V-MN-CAM	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in MN-CAM (03) Same Obset in Same Guide Stars in MN-CAM (03)	2.0 Secs (2 Secs) [==>]	[1]
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17	(3) V-MN-CAM	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F475W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in MN-CAM (03) Same Obset in Same Guide Stars in MN-CAM (03)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								

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18	(3) V-MN-CAM	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F336W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,For ward; EXP PCS MODE FI NE	Same Guide Stars in MN-CAM (03) Same Obset in Same Guide Stars in MN-C AM (03)	2.0 Secs (2 Secs) [==>]	[1]
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Comments: scan, keep Cepheid within frame



Visit	<p>Proposal 18052, AN-AUR (04), scheduling</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: (none)</p>					
Diagnostics	<p>(AN-AUR (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(AN-AUR (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(AN-AUR (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(AN-AUR (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(AN-AUR (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(AN-AUR (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(AN-AUR (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(AN-AUR (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(AN-AUR (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(AN-AUR (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(AN-AUR (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(AN-AUR (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(AN-AUR (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	V-AN-AUR	RA: 04 59 41.5376 (74.9230733d) Dec: +40 50 9.73 (40.83604d) Equinox: J2000	Proper Motion RA: -0.427 mas/yr Proper Motion Dec: -1.514999939900008 mas/yr Parallax: 2.494E-4" Epoch of Position: 2000	V=10.21	Reference Frame: ICRS
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p>Category=STAR Description=[CEPHEID]</p>					

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	2	(4) V-AN-AUR	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in AN-AUR (04)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	3	(4) V-AN-AUR	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5		Same Guide Stars in AN-AUR (04)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	4	(4) V-AN-AUR	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in AN-AUR (04)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	5	(4) V-AN-AUR	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in AN-AUR (04)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	6	(4) V-AN-AUR	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in AN-AUR (04)	1.389075 Secs (1.389 Secs) [==>]	[1]	
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	8	(4) V-AN-AUR	WFC3/IR, MULTIACCUM, IRSUB512	F153M	SAMP-SEQ=RAPID ; NSAMP=9	POS TARG -5,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forw ard; EXP PCS MODE FI NE	Same Guide Stars in AN-AUR (04) Same Obset in Same Guide Stars in AN-AUR (04)	7.677243 Secs (7.677 Secs) [==>]	[1]	
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9	(4) V-AN-AUR	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=7	POS TARG -5,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Reve rse; EXP PCS MODE FI NE	Same Guide Stars in AN-AUR (04) Same Obset in Same Guide Stars in AN-AUR (04)	20.526037 Secs (20.526 Secs) [==>]	[1]		
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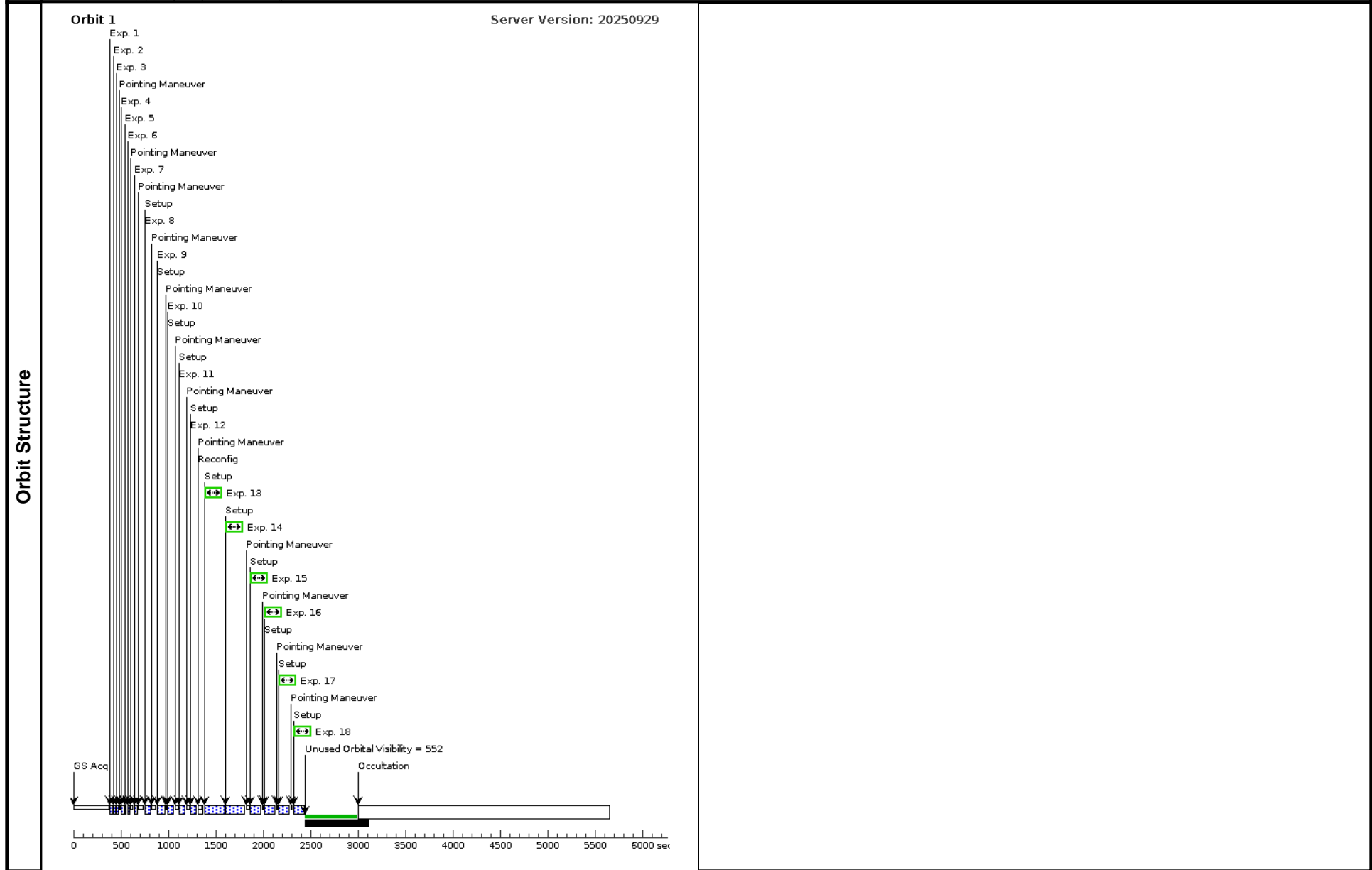
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11	(4) V-AN-AUR	WFC3/IR, MULTIACCUM, IRSUB512	F127M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-20; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in AN-AUR (04) Same Obset in Same Guide Stars in AN-AUR (04)	6.824216 Secs (6.824 Secs) [==>]	[1]
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15	(4) V-AN-AUR	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F438W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in AN-AUR (04) Same Obset in Same Guide Stars in AN-AUR (04)	2.0 Secs (2 Secs) [==>]	[1]
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16	(4) V-AN-AUR	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in AN-AUR (04) Same Obset in Same Guide Stars in AN-AUR (04)	2.0 Secs (2 Secs) [==>]	[1]
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18	(4) V-AN-AUR	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F336W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,For ward; EXP PCS MODE FI NE	Same Guide Stars in AN-AUR (04) Same Obset in Same Guide Stars in AN-A UR (04)	2.0 Secs (2 Secs) [==>]	[1]
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Comments: scan, keep Cepheid within frame



Visit	<p>Proposal 18052, ASAS-J075345 (05), withdrawn Fri Mar 06 17:00:30 GMT 2026</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ON HOLD</p> <p><i>On Hold Comments: withdrawing</i></p>																
	<p>Diagnosics</p> <p>(ASAS-J075345 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(ASAS-J075345 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(ASAS-J075345 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(ASAS-J075345 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(ASAS-J075345 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(ASAS-J075345 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(ASAS-J075345 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(ASAS-J075345 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(ASAS-J075345 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(ASAS-J075345 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(ASAS-J075345 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(ASAS-J075345 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p> <p>(ASAS-J075345 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING</p>																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>ASAS-J075345-3658.2</td> <td>RA: 07 53 45.0702 (118.4377925d) Dec: -36 58 13.44 (-36.97040d) Equinox: J2000</td> <td>Proper Motion RA: -2.678 mas/yr Proper Motion Dec: 3.8570000000000007 mas/yr Parallax: 2.9780000000000003E-4" Epoch of Position: 2000</td> <td>V=11.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p><i>Category=STAR</i></p> <p><i>Description=[CEPHEID]</i></p>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(5)	ASAS-J075345-3658.2	RA: 07 53 45.0702 (118.4377925d) Dec: -36 58 13.44 (-36.97040d) Equinox: J2000	Proper Motion RA: -2.678 mas/yr Proper Motion Dec: 3.8570000000000007 mas/yr Parallax: 2.9780000000000003E-4" Epoch of Position: 2000	V=11.05	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(5)	ASAS-J075345-3658.2	RA: 07 53 45.0702 (118.4377925d) Dec: -36 58 13.44 (-36.97040d) Equinox: J2000	Proper Motion RA: -2.678 mas/yr Proper Motion Dec: 3.8570000000000007 mas/yr Parallax: 2.9780000000000003E-4" Epoch of Position: 2000	V=11.05	Reference Frame: ICRS												

Proposal 18052 - ASAS-J075345 (05) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize th...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	(5) ASAS-J075345-3 658.2	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in ASAS-J075345 (05)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	2	(5) ASAS-J075345-3 658.2	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in ASAS-J075345 (05)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	3	(5) ASAS-J075345-3 658.2	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5		Same Guide Stars in ASAS-J075345 (05)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	4	(5) ASAS-J075345-3 658.2	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in ASAS-J075345 (05)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	5	(5) ASAS-J075345-3 658.2	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in ASAS-J075345 (05)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	6	(5) ASAS-J075345-3 658.2	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in ASAS-J075345 (05)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	7	(5) ASAS-J075345-3 658.2	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=5	NEW OBSET; EXP PCS MODE FI NE	Same Guide Stars in ASAS-J075345 (05) Same Obset in Same Guide Stars in ASAS- J075345 (05)	4.265135 Secs (4.265 Secs) [==>]	[1]	
	<i>Comments: staring mode</i>									
	8	(5) ASAS-J075345-3 658.2	WFC3/IR, MULTIACCUM, IRSUB512	F153M	SAMP-SEQ=RAPID ; NSAMP=9	POS TARG -5,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forw ard; EXP PCS MODE FI NE	Same Guide Stars in ASAS-J075345 (05) Same Obset in Same Guide Stars in ASAS- J075345 (05)	7.677243 Secs (7.677 Secs) [==>]	[1]	
	<i>Comments: IR scan, Cepheid moves across field</i>									
9	(5) ASAS-J075345-3 658.2	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=7	POS TARG -5,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Reve rse; EXP PCS MODE FI NE	Same Guide Stars in ASAS-J075345 (05) Same Obset in Same Guide Stars in ASAS- J075345 (05)	20.526037 Secs (20.526 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field, reverse</i>										
10	(5) ASAS-J075345-3 658.2	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forw ard; EXP PCS MODE FI NE	Same Guide Stars in ASAS-J075345 (05) Same Obset in Same Guide Stars in ASAS- J075345 (05)	6.824216 Secs (6.824 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field</i>										

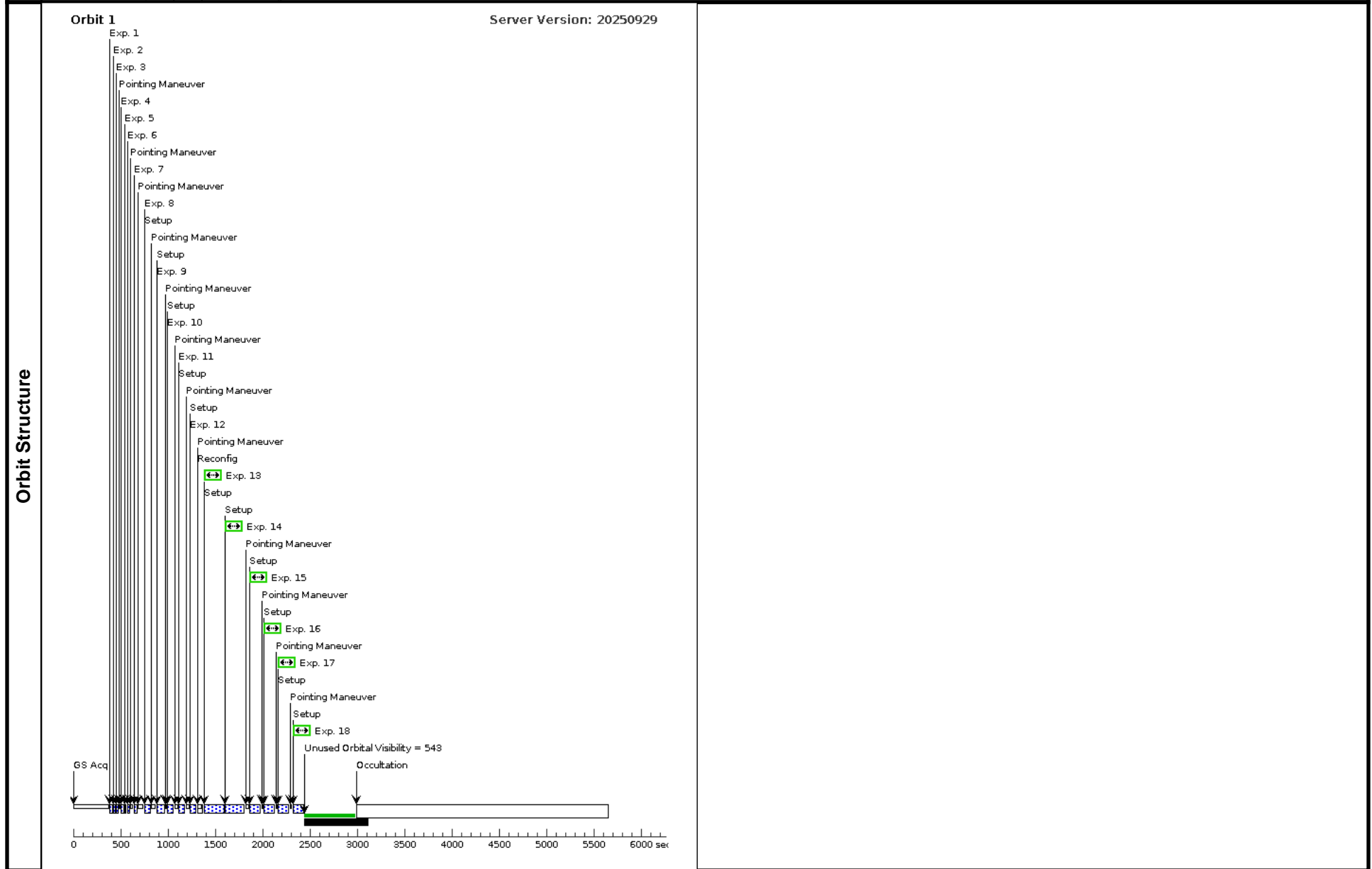
Proposal 18052 - ASAS-J075345 (05) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize th...

11	(5) ASAS-J075345-3 658.2	WFC3/IR, MULTIACCUM, IRSUB512	F127M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-20; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FI NE	Same Guide Stars in ASAS-J075345 (05) Same Obset in Same Guide Stars in ASAS -J075345 (05)	6.824216 Secs (6.824 Secs) [==>]	[1]	
<i>Comments: IR scan, Cepheid moves across field</i>									
12	(5) ASAS-J075345-3 658.2	WFC3/IR, MULTIACCUM, IRSUB512	F139M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in ASAS-J075345 (05) Same Obset in Same Guide Stars in ASAS -J075345 (05)	6.824216 Secs (6.824 Secs) [==>]	[1]	
<i>Comments: IR scan, Cepheid moves across field</i>									
13	(5) ASAS-J075345-3 658.2	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FI NE	Same Guide Stars in ASAS-J075345 (05) Same Obset in Same Guide Stars in ASAS -J075345 (05)	2.5 Secs (2.5 Secs) [==>]	[1]	
<i>Comments: scan, keep Cepheid within frame,reverse</i>									
14	(5) ASAS-J075345-3 658.2	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F555W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in ASAS-J075345 (05) Same Obset in Same Guide Stars in ASAS -J075345 (05)	2.5 Secs (2.5 Secs) [==>]	[1]	
<i>Comments: scan, keep Cepheid within frame</i>									
15	(5) ASAS-J075345-3 658.2	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F438W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FI NE	Same Guide Stars in ASAS-J075345 (05) Same Obset in Same Guide Stars in ASAS -J075345 (05)	2.0 Secs (2 Secs) [==>]	[1]	
<i>Comments: scan, keep Cepheid within frame,reverse</i>									
16	(5) ASAS-J075345-3 658.2	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in ASAS-J075345 (05) Same Obset in Same Guide Stars in ASAS -J075345 (05)	2.0 Secs (2 Secs) [==>]	[1]	
<i>Comments: scan, keep Cepheid within frame</i>									
17	(5) ASAS-J075345-3 658.2	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F475W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FI NE	Same Guide Stars in ASAS-J075345 (05) Same Obset in Same Guide Stars in ASAS -J075345 (05)	2.0 Secs (2 Secs) [==>]	[1]	
<i>Comments: scan, keep Cepheid within frame,reverse</i>									

Proposal 18052 - ASAS-J075345 (05) - Golden Cepheids in Open Clusters; A Complete HST+Gaia Reference Sample to Optimize th...

18	(5) ASAS-J075345-3 658.2	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F336W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,For EXP PCS MODE FI NE	Same Guide Stars in ASAS-J075345 (05) Same Obset in Same Guide Stars in ASAS -J075345 (05)	2.0 Secs (2 Secs) [==>]	[!]
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Comments: scan, keep Cepheid within frame



Proposal 18052 - IQ-NOR (06) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

Fri Mar 06 17:00:30 GMT 2026

Visit	<p>Proposal 18052, IQ-NOR (06), withdrawn</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR, WFC3/UVIS</p> <p>Special Requirements: ON HOLD</p> <p><i>On Hold Comments: withdrawing</i></p>				
	Diagnostics	(IQ-NOR (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING			
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(IQ-NOR (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(6)	V-IQ-NOR	RA: 15 12 49.5175 (228.2063229d) Dec: -54 45 18.98 (-54.75527d) Equinox: J2000	Proper Motion RA: -0.897 mas/yr Proper Motion Dec: -1.8209999780083308 mas/yr Parallax: 5.092E-4" Epoch of Position: 2000	V=9.71
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p>Category=STAR Description=[CEPHEID]</p>					
<p>Miscellaneous: Reference Frame: ICRS</p>					

Proposal 18052 - IQ-NOR (06) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	(6) V-IQ-NOR	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in IQ-NOR (06)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	2	(6) V-IQ-NOR	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in IQ-NOR (06)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	3	(6) V-IQ-NOR	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5		Same Guide Stars in IQ-NOR (06)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	4	(6) V-IQ-NOR	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in IQ-NOR (06)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	5	(6) V-IQ-NOR	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in IQ-NOR (06)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	6	(6) V-IQ-NOR	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in IQ-NOR (06)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	7	(6) V-IQ-NOR	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=5	NEW OBSET; EXP PCS MODE FI NE	Same Guide Stars in IQ-NOR (06) Same Obset in Same Guide Stars in IQ-NOR (06)	4.265135 Secs (4.265 Secs) [==>]	[1]	
	<i>Comments: staring mode</i>									
	8	(6) V-IQ-NOR	WFC3/IR, MULTIACCUM, IRSUB512	F153M	SAMP-SEQ=RAPID ; NSAMP=9	POS TARG -5,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forw ard; EXP PCS MODE FI NE	Same Guide Stars in IQ-NOR (06) Same Obset in Same Guide Stars in IQ-NOR (06)	7.677243 Secs (7.677 Secs) [==>]	[1]	
	<i>Comments: IR scan, Cepheid moves across field</i>									
9	(6) V-IQ-NOR	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=7	POS TARG -5,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Reve rse; EXP PCS MODE FI NE	Same Guide Stars in IQ-NOR (06) Same Obset in Same Guide Stars in IQ-NOR (06)	20.526037 Secs (20.526 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field, reverse</i>										
10	(6) V-IQ-NOR	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forw ard; EXP PCS MODE FI NE	Same Guide Stars in IQ-NOR (06) Same Obset in Same Guide Stars in IQ-NOR (06)	6.824216 Secs (6.824 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field</i>										

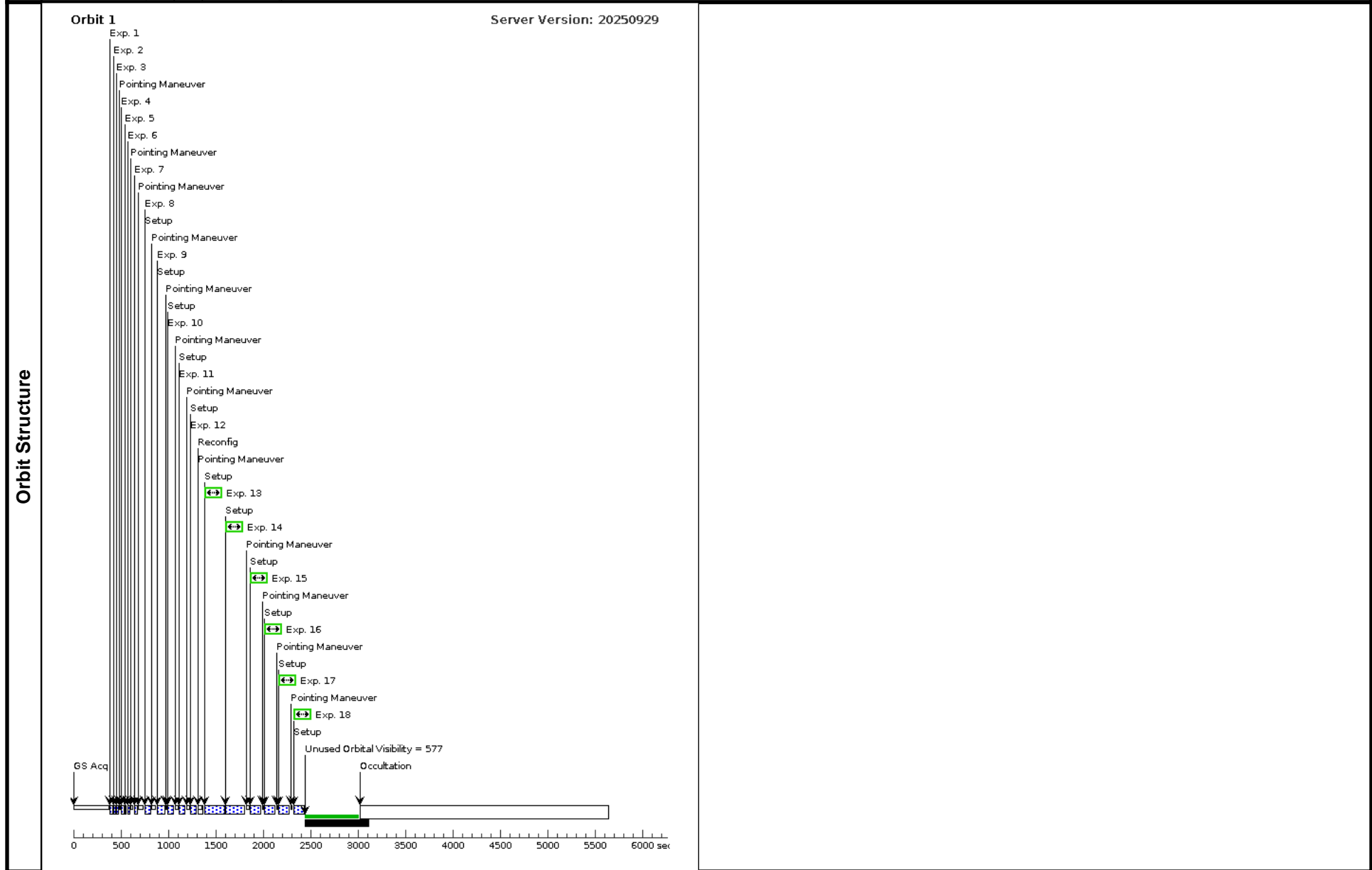
Proposal 18052 - IQ-NOR (06) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

11	(6) V-IQ-NOR	WFC3/IR, MULTIACCUM, IRSUB512	F127M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-20; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in IQ-NOR (06) Same Obset in Same Guide Stars in IQ-NOR (06)	6.824216 Secs (6.824 Secs) [==>]	[1]
<i>Comments: IR scan, Cepheid moves across field</i>								
12	(6) V-IQ-NOR	WFC3/IR, MULTIACCUM, IRSUB512	F139M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in IQ-NOR (06) Same Obset in Same Guide Stars in IQ-NOR (06)	6.824216 Secs (6.824 Secs) [==>]	[1]
<i>Comments: IR scan, Cepheid moves across field</i>								
13	(6) V-IQ-NOR	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in IQ-NOR (06) Same Obset in Same Guide Stars in IQ-NOR (06)	2.5 Secs (2.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
14	(6) V-IQ-NOR	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F555W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in IQ-NOR (06) Same Obset in Same Guide Stars in IQ-NOR (06)	2.5 Secs (2.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame</i>								
15	(6) V-IQ-NOR	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F438W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in IQ-NOR (06) Same Obset in Same Guide Stars in IQ-NOR (06)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
16	(6) V-IQ-NOR	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in IQ-NOR (06) Same Obset in Same Guide Stars in IQ-NOR (06)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame</i>								
17	(6) V-IQ-NOR	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F475W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in IQ-NOR (06) Same Obset in Same Guide Stars in IQ-NOR (06)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								

Proposal 18052 - IQ-NOR (06) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

18	(6) V-IQ-NOR	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F336W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,For ward; EXP PCS MODE FI NE	Same Guide Stars in IQ-NOR (06) Same Obset in Same Guide Stars in IQ-N OR (06)	2.0 Secs (2 Secs) [==>]	[1]
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Comments: scan, keep Cepheid within frame



Visit	Proposal 18052, NSVS-8389949 (10), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)																	
	(NSVS-8389949 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (NSVS-8389949 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (NSVS-8389949 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (NSVS-8389949 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (NSVS-8389949 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (NSVS-8389949 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (NSVS-8389949 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (NSVS-8389949 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (NSVS-8389949 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (NSVS-8389949 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (NSVS-8389949 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (NSVS-8389949 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (NSVS-8389949 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING																	
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Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(10)</td> <td>NSVS-8389949</td> <td>RA: 19 48 31.1398 (297.1297492d) Dec: +26 09 38.35 (26.16065d) Equinox: J2000</td> <td>Proper Motion RA: -2.881 mas/yr Proper Motion Dec: -5.526999939320376 mas/yr Parallax: 2.3730000000000002E-4" Epoch of Position: 2000</td> <td>V=12.4+/-0.00</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(10)	NSVS-8389949	RA: 19 48 31.1398 (297.1297492d) Dec: +26 09 38.35 (26.16065d) Equinox: J2000	Proper Motion RA: -2.881 mas/yr Proper Motion Dec: -5.526999939320376 mas/yr Parallax: 2.3730000000000002E-4" Epoch of Position: 2000	V=12.4+/-0.00	Reference Frame: ICRS	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p>Category=STAR Description=[CEPHEID]</p>				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(10)	NSVS-8389949	RA: 19 48 31.1398 (297.1297492d) Dec: +26 09 38.35 (26.16065d) Equinox: J2000	Proper Motion RA: -2.881 mas/yr Proper Motion Dec: -5.526999939320376 mas/yr Parallax: 2.3730000000000002E-4" Epoch of Position: 2000	V=12.4+/-0.00	Reference Frame: ICRS													

Proposal 18052 - NSVS-8389949 (10) - Golden Cepheids in Open Clusters; A Complete HST+Gaia Reference Sample to Optimize th...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	(10) NSVS-8389949	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in NSVS-8389949 (10)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	2	(10) NSVS-8389949	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in NSVS-8389949 (10)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	3	(10) NSVS-8389949	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5		Same Guide Stars in NSVS-8389949 (10)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	4	(10) NSVS-8389949	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in NSVS-8389949 (10)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	5	(10) NSVS-8389949	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in NSVS-8389949 (10)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	6	(10) NSVS-8389949	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in NSVS-8389949 (10)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	7	(10) NSVS-8389949	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=5	NEW OBSET; EXP PCS MODE FI NE	Same Guide Stars in NSVS-8389949 (10) Same Obset in Same Guide Stars in NSVS-8389949 (10)	4.265135 Secs (4.265 Secs) [==>]	[1]	
	<i>Comments: staring mode</i>									
	8	(10) NSVS-8389949	WFC3/IR, MULTIACCUM, IRSUB512	F153M	SAMP-SEQ=RAPID ; NSAMP=9	POS TARG -5,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in NSVS-8389949 (10) Same Obset in Same Guide Stars in NSVS-8389949 (10)	7.677243 Secs (7.677 Secs) [==>]	[1]	
	<i>Comments: IR scan, Cepheid moves across field</i>									
9	(10) NSVS-8389949	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=7	POS TARG -5,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FI NE	Same Guide Stars in NSVS-8389949 (10) Same Obset in Same Guide Stars in NSVS-8389949 (10)	20.526037 Secs (20.526 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field, reverse</i>										
10	(10) NSVS-8389949	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in NSVS-8389949 (10) Same Obset in Same Guide Stars in NSVS-8389949 (10)	6.824216 Secs (6.824 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field</i>										

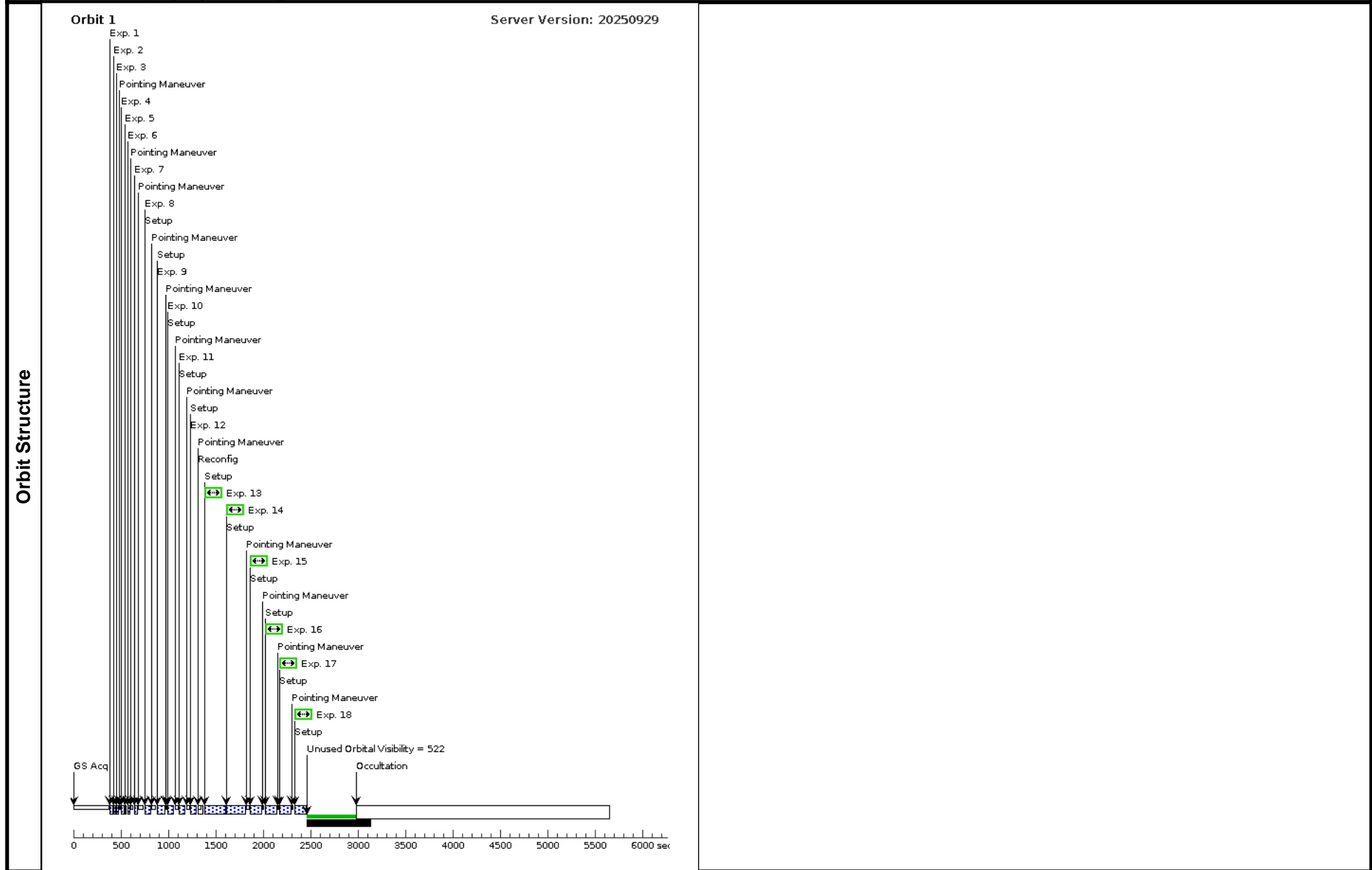
Proposal 18052 - NSVS-8389949 (10) - Golden Cepheids in Open Clusters; A Complete HST+Gaia Reference Sample to Optimize th...

11	(10) NSVS-8389949	WFC3/IR, MULTIACCUM, IRSUB512	F127M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-20; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in NSVS-8389949 (10) Same Obset in Same Guide Stars in NSVS-8389949 (10)	6.824216 Secs (6.824 Secs) [==>]	[1]
<i>Comments: IR scan, Cepheid moves across field</i>								
12	(10) NSVS-8389949	WFC3/IR, MULTIACCUM, IRSUB512	F139M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in NSVS-8389949 (10) Same Obset in Same Guide Stars in NSVS-8389949 (10)	6.824216 Secs (6.824 Secs) [==>]	[1]
<i>Comments: IR scan, Cepheid moves across field</i>								
13	(10) NSVS-8389949	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in NSVS-8389949 (10) Same Obset in Same Guide Stars in NSVS-8389949 (10)	5.0 Secs (5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
14	(10) NSVS-8389949	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F555W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in NSVS-8389949 (10) Same Obset in Same Guide Stars in NSVS-8389949 (10)	5.0 Secs (5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame</i>								
15	(10) NSVS-8389949	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F438W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in NSVS-8389949 (10) Same Obset in Same Guide Stars in NSVS-8389949 (10)	3.5 Secs (3.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
16	(10) NSVS-8389949	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in NSVS-8389949 (10) Same Obset in Same Guide Stars in NSVS-8389949 (10)	3.5 Secs (3.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame</i>								
17	(10) NSVS-8389949	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F475W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in NSVS-8389949 (10) Same Obset in Same Guide Stars in NSVS-8389949 (10)	3.5 Secs (3.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								

Proposal 18052 - NSVS-8389949 (10) - Golden Cepheids in Open Clusters; A Complete HST+Gaia Reference Sample to Optimize th...

18	(10) NSVS-8389949	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F336W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,For EXP PCS MODE FI NE	Same Guide Stars in NSVS-8389949 (10) Same Obset in Same Guide Stars in NSVS -8389949 (10)	3.5 Secs (3.5 Secs) [==>]	[1]
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Comments: scan, keep Cepheid within frame



Visit	Proposal 18052, BM-PER (11), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)																
	Diagnosics (BM-PER (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (BM-PER (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (BM-PER (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (BM-PER (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (BM-PER (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (BM-PER (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (BM-PER (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (BM-PER (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (BM-PER (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (BM-PER (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (BM-PER (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (BM-PER (11)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING																
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	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(11)	V-BM-PER	RA: 04 29 39.3890 (67.4141208d) Dec: +48 25 19.10 (48.42197d) Equinox: J2000	Proper Motion RA: 0.04 mas/yr Proper Motion Dec: -0.9310000450568623 mas/yr Parallax: 2.879999999999995E-4" Epoch of Position: 2000	V=10.06	Reference Frame: ICRS												
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p>Category=STAR Description=[CEPHEID]</p>																	

Proposal 18052 - BM-PER (11) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubb...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	(11) V-BM-PER	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in BM-PER (11)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	2	(11) V-BM-PER	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in BM-PER (11)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	3	(11) V-BM-PER	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5		Same Guide Stars in BM-PER (11)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	4	(11) V-BM-PER	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in BM-PER (11)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	5	(11) V-BM-PER	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in BM-PER (11)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	6	(11) V-BM-PER	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in BM-PER (11)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	7	(11) V-BM-PER	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=5	NEW OBSET; EXP PCS MODE FI NE	Same Guide Stars in BM-PER (11) Same Obset in Same Guide Stars in BM-PER (11)	4.265135 Secs (4.265 Secs) [==>]	[1]	
	<i>Comments: staring mode</i>									
	8	(11) V-BM-PER	WFC3/IR, MULTIACCUM, IRSUB512	F153M	SAMP-SEQ=RAPID ; NSAMP=9	POS TARG -5,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in BM-PER (11) Same Obset in Same Guide Stars in BM-PER (11)	7.677243 Secs (7.677 Secs) [==>]	[1]	
	<i>Comments: IR scan, Cepheid moves across field</i>									
9	(11) V-BM-PER	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=7	POS TARG -5,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FI NE	Same Guide Stars in BM-PER (11) Same Obset in Same Guide Stars in BM-PER (11)	20.526037 Secs (20.526 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field, reverse</i>										
10	(11) V-BM-PER	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in BM-PER (11) Same Obset in Same Guide Stars in BM-PER (11)	6.824216 Secs (6.824 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field</i>										

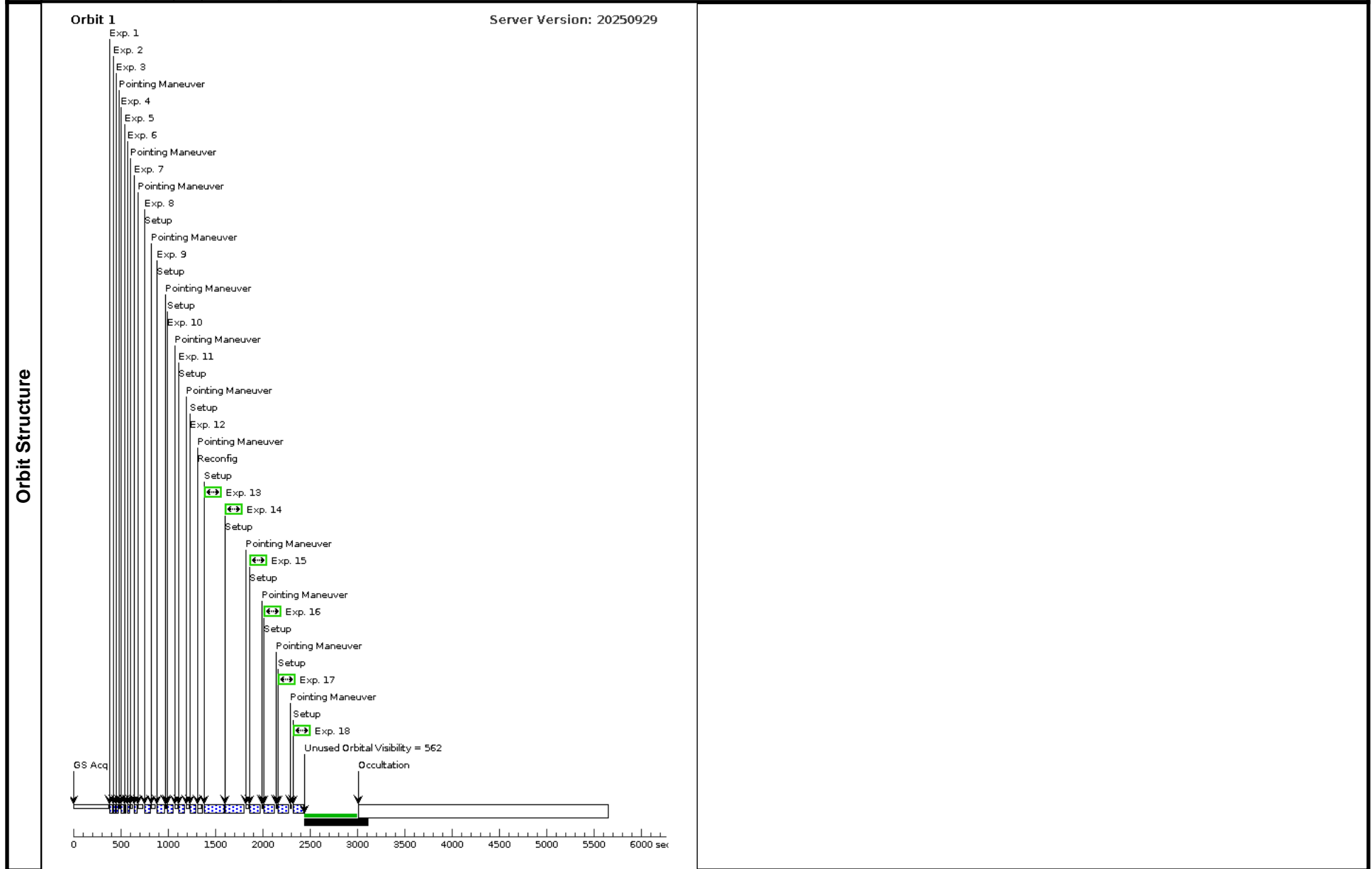
Proposal 18052 - BM-PER (11) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

11	(11) V-BM-PER	WFC3/IR, MULTIACCUM, IRSUB512	F127M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-20; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in BM-PER (11) Same Obset in Same Guide Stars in BM-PER (11)	6.824216 Secs (6.824 Secs) [==>]	[1]
<i>Comments: IR scan, Cepheid moves across field</i>								
12	(11) V-BM-PER	WFC3/IR, MULTIACCUM, IRSUB512	F139M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in BM-PER (11) Same Obset in Same Guide Stars in BM-PER (11)	6.824216 Secs (6.824 Secs) [==>]	[1]
<i>Comments: IR scan, Cepheid moves across field</i>								
13	(11) V-BM-PER	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in BM-PER (11) Same Obset in Same Guide Stars in BM-PER (11)	2.5 Secs (2.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
14	(11) V-BM-PER	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F555W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in BM-PER (11) Same Obset in Same Guide Stars in BM-PER (11)	2.5 Secs (2.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame</i>								
15	(11) V-BM-PER	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F438W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in BM-PER (11) Same Obset in Same Guide Stars in BM-PER (11)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
16	(11) V-BM-PER	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in BM-PER (11) Same Obset in Same Guide Stars in BM-PER (11)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame</i>								
17	(11) V-BM-PER	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F475W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in BM-PER (11) Same Obset in Same Guide Stars in BM-PER (11)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								

Proposal 18052 - BM-PER (11) - Golden Cepheids in Open Clusters; A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

18	(11) V-BM-PER	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F336W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,For EXP PCS MODE FI NE	Same Guide Stars in BM-PER (11) Same Obset in Same Guide Stars in BM-P ER (11)	2.0 Secs (2 Secs) [==>]	[1]
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Comments: scan, keep Cepheid within frame



Proposal 18052 - TY-SCT (07) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

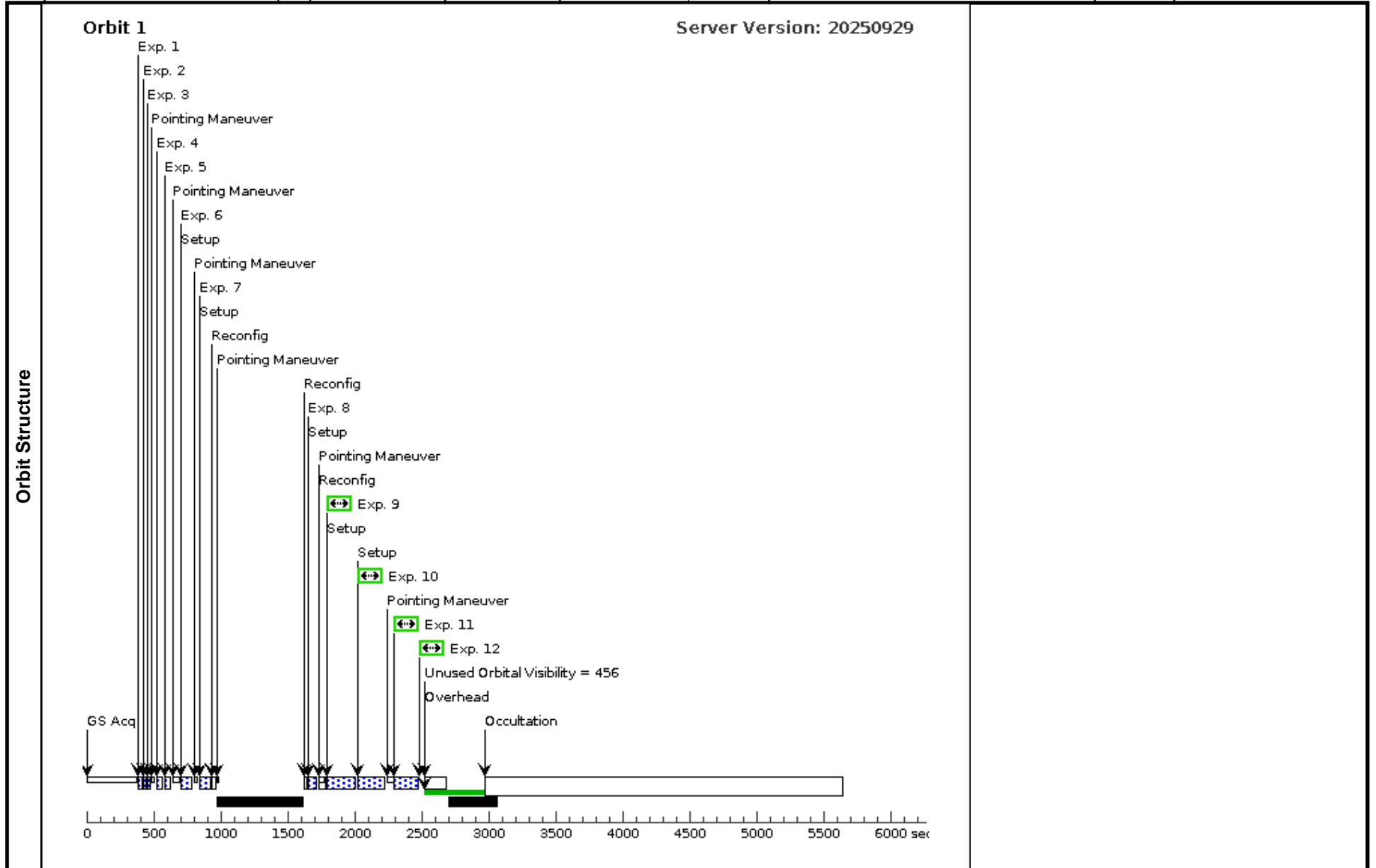
Visit	Proposal 18052, TY-SCT (07), implementation Fri Mar 06 17:00:30 GMT 2026 Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)																
	Diagnosics (TY-SCT (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (TY-SCT (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (TY-SCT (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (TY-SCT (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (TY-SCT (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (TY-SCT (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (TY-SCT (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(7)</td> <td>V-TY-SCT</td> <td>RA: 18 42 7.9138 (280.5329742d) Dec: -04 17 36.53 (-4.29348d) Equinox: J2000</td> <td>Proper Motion RA: -1.106 mas/yr Proper Motion Dec: -2.4659999098730623 mas/yr Parallax: 3.279E-4" Epoch of Position: 2000</td> <td>V=11.0</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(7)	V-TY-SCT	RA: 18 42 7.9138 (280.5329742d) Dec: -04 17 36.53 (-4.29348d) Equinox: J2000	Proper Motion RA: -1.106 mas/yr Proper Motion Dec: -2.4659999098730623 mas/yr Parallax: 3.279E-4" Epoch of Position: 2000	V=11.0	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(7)	V-TY-SCT	RA: 18 42 7.9138 (280.5329742d) Dec: -04 17 36.53 (-4.29348d) Equinox: J2000	Proper Motion RA: -1.106 mas/yr Proper Motion Dec: -2.4659999098730623 mas/yr Parallax: 3.279E-4" Epoch of Position: 2000	V=11.0	Reference Frame: ICRS												
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p>Category=STAR Description=[CEPHEID]</p>																	

Proposal 18052 - TY-SCT (07) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	(7) V-TY-SCT	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=6		Sequence 1-12 Non-Int in TY-SCT (07) [==> Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07)	1.66689 Secs (1.667 Secs)	[1]	
	2	(7) V-TY-SCT	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=6		Sequence 1-12 Non-Int in TY-SCT (07) [==> Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07)	1.66689 Secs (1.667 Secs)	[1]	
	3	(7) V-TY-SCT	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5		Sequence 1-12 Non-Int in TY-SCT (07) [==> Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07)	1.389075 Secs (1.389 Secs)	[1]	
	4	(7) V-TY-SCT	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=6	POS TARG 0.32,0.3 2	Sequence 1-12 Non-Int in TY-SCT (07) [==> Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07)	17.593746 Secs (17.594 Secs)	[1]	
	5	(7) V-TY-SCT	WFC3/IR, MULTIACCUM, IR	F153M	SAMP-SEQ=RAPID ; NSAMP=6	POS TARG 0.32,0.3 2	Sequence 1-12 Non-Int in TY-SCT (07) [==> Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07)	17.593746 Secs (17.594 Secs)	[1]	
	6	(7) V-TY-SCT	WFC3/IR, MULTIACCUM, IR	F153M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -5,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; NEW OBSET; EXP PCS MODE FINE	Sequence 1-12 Non-Int in TY-SCT (07) [==> Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07) Same Obset in Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07)	23.458328 Secs (23.458 Secs)	[1]	
	<i>Comments: IR scan, Cepheid moves across field</i>									
	7	(7) V-TY-SCT	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=7	POS TARG -5,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FINE	Sequence 1-12 Non-Int in TY-SCT (07) [==> Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07) Same Obset in Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07)	20.526037 Secs (20.526 Secs)	[1]	
<i>Comments: IR scan, Cepheid moves across field, reverse</i>										
8	(7) V-TY-SCT	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=6	POS TARG -3,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FINE	Sequence 1-12 Non-Int in TY-SCT (07) [==> Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07) Same Obset in Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07)	5.118162 Secs (5.118 Secs)	[1]		
<i>Comments: IR scan, Cepheid moves across field</i>										

Proposal 18052 - TY-SCT (07) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

9	(7) V-TY-SCT	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Sequence 1-12 Non-Int in TY-SCT (07) Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07) Same Obset in Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07)	2.5 Secs (2.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
10	(7) V-TY-SCT	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F555W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Sequence 1-12 Non-Int in TY-SCT (07) Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07) Same Obset in Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07)	2.5 Secs (2.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame</i>								
11	(7) V-TY-SCT	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F555W	FLASH=20; BLADE=A	POS TARG 0,-0; EXP PCS MODE FINE	Sequence 1-12 Non-Int in TY-SCT (07) Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07) Same Obset in Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07)	1.0 Secs (1 Secs) [==>]	[1]
<i>Comments: direct image</i>								
12	(7) V-TY-SCT	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	FLASH=20; BLADE=A	POS TARG 0,0; EXP PCS MODE FINE	Sequence 1-12 Non-Int in TY-SCT (07) Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07) Same Obset in Same Guide Stars in Sequence 1-12 Non-Int in TY-SCT (07)	1.0 Secs (1 Secs) [==>]	[1]
<i>Comments: direct image</i>								



Proposal 18052 - CN-SCT (08) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

Fri Mar 06 17:00:30 GMT 2026

Visit	Proposal 18052, CN-SCT (08), scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)																	
	Diagnosics (CN-SCT (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (CN-SCT (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (CN-SCT (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (CN-SCT (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (CN-SCT (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (CN-SCT (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (CN-SCT (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (CN-SCT (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (CN-SCT (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (CN-SCT (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (CN-SCT (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (CN-SCT (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING																	
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	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
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Proposal 18052 - CN-SCT (08) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	(8) V-CN-SCT	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in CN-SCT (08)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	2	(8) V-CN-SCT	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in CN-SCT (08)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	3	(8) V-CN-SCT	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5		Same Guide Stars in CN-SCT (08)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	4	(8) V-CN-SCT	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in CN-SCT (08)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	5	(8) V-CN-SCT	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in CN-SCT (08)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	6	(8) V-CN-SCT	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in CN-SCT (08)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	7	(8) V-CN-SCT	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=5	NEW OBSET; EXP PCS MODE FI NE	Same Guide Stars in CN-SCT (08) Same Obset in Same Guide Stars in CN-SCT (08)	4.265135 Secs (4.265 Secs) [==>]	[1]	
	<i>Comments: staring mode</i>									
	8	(8) V-CN-SCT	WFC3/IR, MULTIACCUM, IRSUB512	F153M	SAMP-SEQ=RAPID ; NSAMP=9	POS TARG -5,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in CN-SCT (08) Same Obset in Same Guide Stars in CN-SCT (08)	7.677243 Secs (7.677 Secs) [==>]	[1]	
	<i>Comments: IR scan, Cepheid moves across field</i>									
9	(8) V-CN-SCT	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=7	POS TARG -5,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FI NE	Same Guide Stars in CN-SCT (08) Same Obset in Same Guide Stars in CN-SCT (08)	20.526037 Secs (20.526 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field, reverse</i>										
10	(8) V-CN-SCT	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in CN-SCT (08) Same Obset in Same Guide Stars in CN-SCT (08)	6.824216 Secs (6.824 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field</i>										

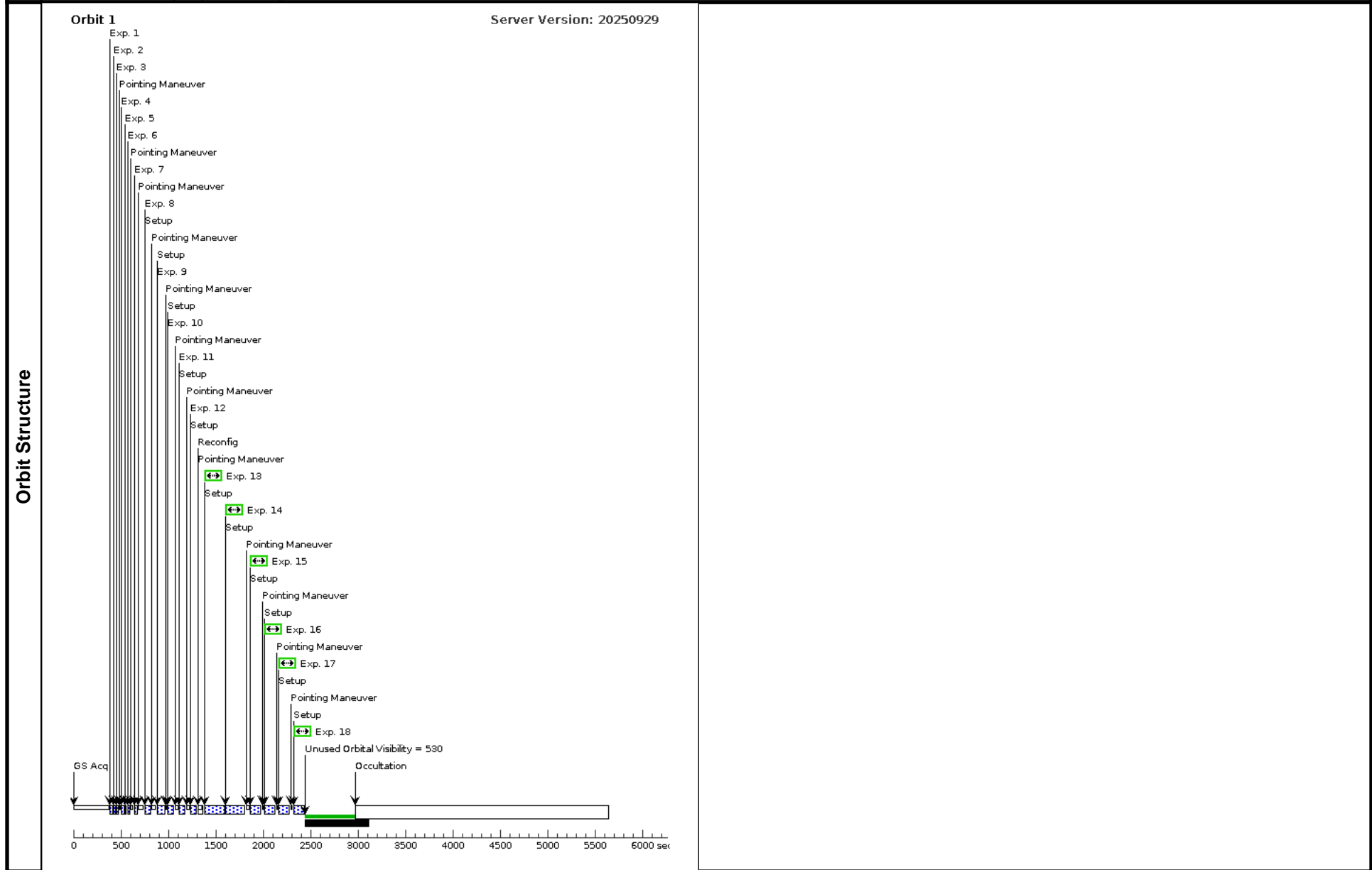
Proposal 18052 - CN-SCT (08) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

11	(8) V-CN-SCT	WFC3/IR, MULTIACCUM, IRSUB512	F127M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-20; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in CN-SCT (08) Same Obset in Same Guide Stars in CN-SCT (08)	6.824216 Secs (6.824 Secs) [==>]	[1]
<i>Comments: IR scan, Cepheid moves across field</i>								
12	(8) V-CN-SCT	WFC3/IR, MULTIACCUM, IRSUB512	F139M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in CN-SCT (08) Same Obset in Same Guide Stars in CN-SCT (08)	6.824216 Secs (6.824 Secs) [==>]	[1]
<i>Comments: IR scan, Cepheid moves across field</i>								
13	(8) V-CN-SCT	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in CN-SCT (08) Same Obset in Same Guide Stars in CN-SCT (08)	2.5 Secs (2.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
14	(8) V-CN-SCT	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F555W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in CN-SCT (08) Same Obset in Same Guide Stars in CN-SCT (08)	2.5 Secs (2.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame</i>								
15	(8) V-CN-SCT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F438W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in CN-SCT (08) Same Obset in Same Guide Stars in CN-SCT (08)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
16	(8) V-CN-SCT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in CN-SCT (08) Same Obset in Same Guide Stars in CN-SCT (08)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame</i>								
17	(8) V-CN-SCT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F475W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in CN-SCT (08) Same Obset in Same Guide Stars in CN-SCT (08)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								

Proposal 18052 - CN-SCT (08) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

18	(8) V-CN-SCT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F336W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,For EXP PCS MODE FI NE	Same Guide Stars in CN-SCT (08) Same Obset in Same Guide Stars in CN-S CT (08)	2.0 Secs (2 Secs) [==>]	[1]
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Comments: scan, keep Cepheid within frame



Visit	Proposal 18052, GI-CYG (09), scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)																
	Diagnosics (GI-CYG (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (GI-CYG (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (GI-CYG (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (GI-CYG (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (GI-CYG (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (GI-CYG (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (GI-CYG (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (GI-CYG (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (GI-CYG (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (GI-CYG (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (GI-CYG (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (GI-CYG (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (GI-CYG (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING																
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	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(9)	V-GI-CYG	RA: 19 59 33.7108 (299.8904617d) Dec: +33 44 45.83 (33.74606d) Equinox: J2000	Proper Motion RA: -3.452 mas/yr Proper Motion Dec: -6.577000090146612 mas/yr Parallax: 2.473E-4" Epoch of Position: 2000	V=11.69	Reference Frame: ICRS												
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p>Category=STAR Description=[CEPHEID]</p>																	

Proposal 18052 - GI-CYG (09) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	(9) V-GI-CYG	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in GI-CYG (09)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	2	(9) V-GI-CYG	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=6		Same Guide Stars in GI-CYG (09)	1.66689 Secs (1.667 Secs) [==>]	[1]	
	3	(9) V-GI-CYG	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5		Same Guide Stars in GI-CYG (09)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	4	(9) V-GI-CYG	WFC3/IR, MULTIACCUM, GRISM256	F153M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in GI-CYG (09)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	5	(9) V-GI-CYG	WFC3/IR, MULTIACCUM, GRISM256	G102	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in GI-CYG (09)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	6	(9) V-GI-CYG	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.32,0.3 2	Same Guide Stars in GI-CYG (09)	1.389075 Secs (1.389 Secs) [==>]	[1]	
	7	(9) V-GI-CYG	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=5	NEW OBSET; EXP PCS MODE FI NE	Same Guide Stars in GI-CYG (09) Same Obset in Same Guide Stars in GI-CYG (09)	4.265135 Secs (4.265 Secs) [==>]	[1]	
	<i>Comments: staring mode</i>									
	8	(9) V-GI-CYG	WFC3/IR, MULTIACCUM, IRSUB512	F153M	SAMP-SEQ=RAPID ; NSAMP=9	POS TARG -5,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in GI-CYG (09) Same Obset in Same Guide Stars in GI-CYG (09)	7.677243 Secs (7.677 Secs) [==>]	[1]	
	<i>Comments: IR scan, Cepheid moves across field</i>									
9	(9) V-GI-CYG	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=7	POS TARG -5,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FI NE	Same Guide Stars in GI-CYG (09) Same Obset in Same Guide Stars in GI-CYG (09)	20.526037 Secs (20.526 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field, reverse</i>										
10	(9) V-GI-CYG	WFC3/IR, MULTIACCUM, IRSUB512	F098M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-55; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FI NE	Same Guide Stars in GI-CYG (09) Same Obset in Same Guide Stars in GI-CYG (09)	6.824216 Secs (6.824 Secs) [==>]	[1]		
<i>Comments: IR scan, Cepheid moves across field</i>										

Proposal 18052 - GI-CYG (09) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

11	(9) V-GI-CYG	WFC3/IR, MULTIACCUM, IRSUB512	F127M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-20; SPATIAL SCAN 4.9 5,90.0 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in GI-CYG (09) Same Obset in Same Guide Stars in GI-CYG (09)	6.824216 Secs (6.824 Secs) [==>]	[1]
<i>Comments: IR scan, Cepheid moves across field</i>								
12	(9) V-GI-CYG	WFC3/IR, MULTIACCUM, IRSUB512	F139M	SAMP-SEQ=RAPID ; NSAMP=8	POS TARG -3,-65; SPATIAL SCAN 4.9 5,90.0 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in GI-CYG (09) Same Obset in Same Guide Stars in GI-CYG (09)	6.824216 Secs (6.824 Secs) [==>]	[1]
<i>Comments: IR scan, Cepheid moves across field</i>								
13	(9) V-GI-CYG	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F814W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in GI-CYG (09) Same Obset in Same Guide Stars in GI-CYG (09)	2.5 Secs (2.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
14	(9) V-GI-CYG	WFC3/UVIS, ACCUM, UVIS2-2K2C-SUB	F555W	FLASH=20; BLADE=A	POS TARG 10,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in GI-CYG (09) Same Obset in Same Guide Stars in GI-CYG (09)	2.5 Secs (2.5 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame</i>								
15	(9) V-GI-CYG	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F438W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in GI-CYG (09) Same Obset in Same Guide Stars in GI-CYG (09)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								
16	(9) V-GI-CYG	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F390W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,Forward; EXP PCS MODE FINE	Same Guide Stars in GI-CYG (09) Same Obset in Same Guide Stars in GI-CYG (09)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame</i>								
17	(9) V-GI-CYG	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F475W	FLASH=20; BLADE=A	POS TARG -1,-8; SPATIAL SCAN 4.9 5,90.05 Degrees,Reverse; EXP PCS MODE FINE	Same Guide Stars in GI-CYG (09) Same Obset in Same Guide Stars in GI-CYG (09)	2.0 Secs (2 Secs) [==>]	[1]
<i>Comments: scan, keep Cepheid within frame,reverse</i>								

Proposal 18052 - GI-CYG (09) - Golden Cepheids in Open Clusters: A Complete HST+Gaia Reference Sample to Optimize the Hubbl...

18	(9) V-GI-CYG	WFC3/UVIS, ACCUM, UVIS2-C1K1C-SUB	F336W	FLASH=20; BLADE=A	POS TARG -1,-5; SPATIAL SCAN 4.9 5,90.05 Degrees,For ward; EXP PCS MODE FI NE	Same Guide Stars in GI-CYG (09) Same Obset in Same Guide Stars in GI-C YG (09)	2.0 Secs (2 Secs) [==>]	[1]
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Comments: scan, keep Cepheid within frame

