



17079 - TRGB and Cepheid distance scales: is there local tension?

Cycle: 30, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) NGC-1559 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:03:52.0	yes
02	(1) NGC-1559 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:03:53.0	yes
52	(1) NGC-1559 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:03:54.0	yes

Proposal 17079 (STScI Edit Number: 8, Created: Friday, September 6, 2024, 10:04:21AM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
03	(1) NGC-1559 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	06-Sep-2024 11:03:55.0	yes
04	(1) NGC-1559	ACS/WFC WFC3/IR	3	06-Sep-2024 11:03:56.0	yes
05	(3) NGC-3972 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:03:57.0	yes
55	(3) NGC-3972 ANY	ACS/WFC WFC3/UVIS	1	06-Sep-2024 11:03:58.0	yes
06	(3) NGC-3972 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:03:59.0	yes
56	(3) NGC-3972 ANY	ACS/WFC WFC3/UVIS	1	06-Sep-2024 11:04:00.0	yes
57	(3) NGC-3972 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:04:01.0	yes
08	(2) NGC-3982 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:04:02.0	yes
09	(2) NGC-3982 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:04:02.0	yes
10	(2) NGC-3982 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	06-Sep-2024 11:04:03.0	yes
11	(2) NGC-3982	ACS/WFC WFC3/IR	3	06-Sep-2024 11:04:04.0	yes
12	(4) NGC-4414 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:04:06.0	yes

Proposal 17079 (STScI Edit Number: 8, Created: Friday, September 6, 2024, 10:04:21AM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
13	(4) NGC-4414 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	06-Sep-2024 11:04:07.0	yes
14	(4) NGC-4414	ACS/WFC WFC3/IR	2	06-Sep-2024 11:04:07.0	yes
64	(4) NGC-4414	ACS/WFC WFC3/IR	1	06-Sep-2024 11:04:08.0	yes
15	(5) NGC-4527 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	06-Sep-2024 11:04:09.0	yes
16	(6) NGC-4639 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:04:10.0	yes
17	(6) NGC-4639 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:04:11.0	yes
67	(6) NGC-4639 ANY	ACS/WFC WFC3/UVIS	1	06-Sep-2024 11:04:12.0	yes
18	(6) NGC-4639 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:04:12.0	yes
19	(6) NGC-4639 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:04:13.0	yes
69	(6) NGC-4639	ACS/WFC WFC3/UVIS	1	06-Sep-2024 11:04:14.0	yes
20	(6) NGC-4639 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:04:15.0	yes
21	(7) NGC-4666 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:04:16.0	yes
22	(7) NGC-4666	ACS/WFC WFC3/IR	2	06-Sep-2024 11:04:17.0	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>
23	(8) NGC-7250 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:04:18.0	yes
24	(8) NGC-7250 ANY	ACS/WFC WFC3/UVIS	3	06-Sep-2024 11:04:19.0	yes
25	(8) NGC-7250 ANY	ACS/WFC WFC3/UVIS	2	06-Sep-2024 11:04:19.0	yes
26	(8) NGC-7250 ANY	ACS/WFC WFC3/UVIS	2	06-Sep-2024 11:04:20.0	yes

82 Total Orbits Used

ABSTRACT

The Tip of the Red Giant Branch (TRGB) and the Leavitt Law for Cepheids are two of the most precise means of measuring the local distance scale. Recent studies have shown that the TRGB distance scale gives $H_0 = 69.8 \pm 1.7$ km/s/Mpc, and it is sitting midway of two earlier measurements based on the Cepheid distance scale ($H_0 = 73.0 \pm 1.0$ km/s/Mpc) and the cosmological modeling of the Planck data ($H_0 = 67.4 \pm 0.5$ km/s/Mpc). This new 'local tension' between the TRGB and Cepheid distance scales is a growing issue we need to understand and resolve before claiming new physics beyond the current scope of the LambdaCDM standard model. A direct, galaxy-by-galaxy distance comparison is urgently needed to address the possible systematics of the two local distance scales. However, such a test does not provide a clear answer for now because only a small number of galaxies - less than 25% of the total calibrator galaxies - is available for the direct comparison.

We propose to use HST to increase the number of the overlapping calibrator galaxies by nearly a factor of two. We will compare their TRGB and Cepheid distances to see if they agree well (the local distance scale is robust) or not (new systematics are indicated). This increased sample of calibrator galaxies will provide us with a volume-limited sample ($d < 20$ Mpc) and immediately result in the derivation of a value of H_0 accurate to 1.8% based on the TRGB distance scale alone. Our volume limited and optically well calibrated sample of TRGB hosts will form important testing grounds for the future calibrations and expanded applications with JWST.

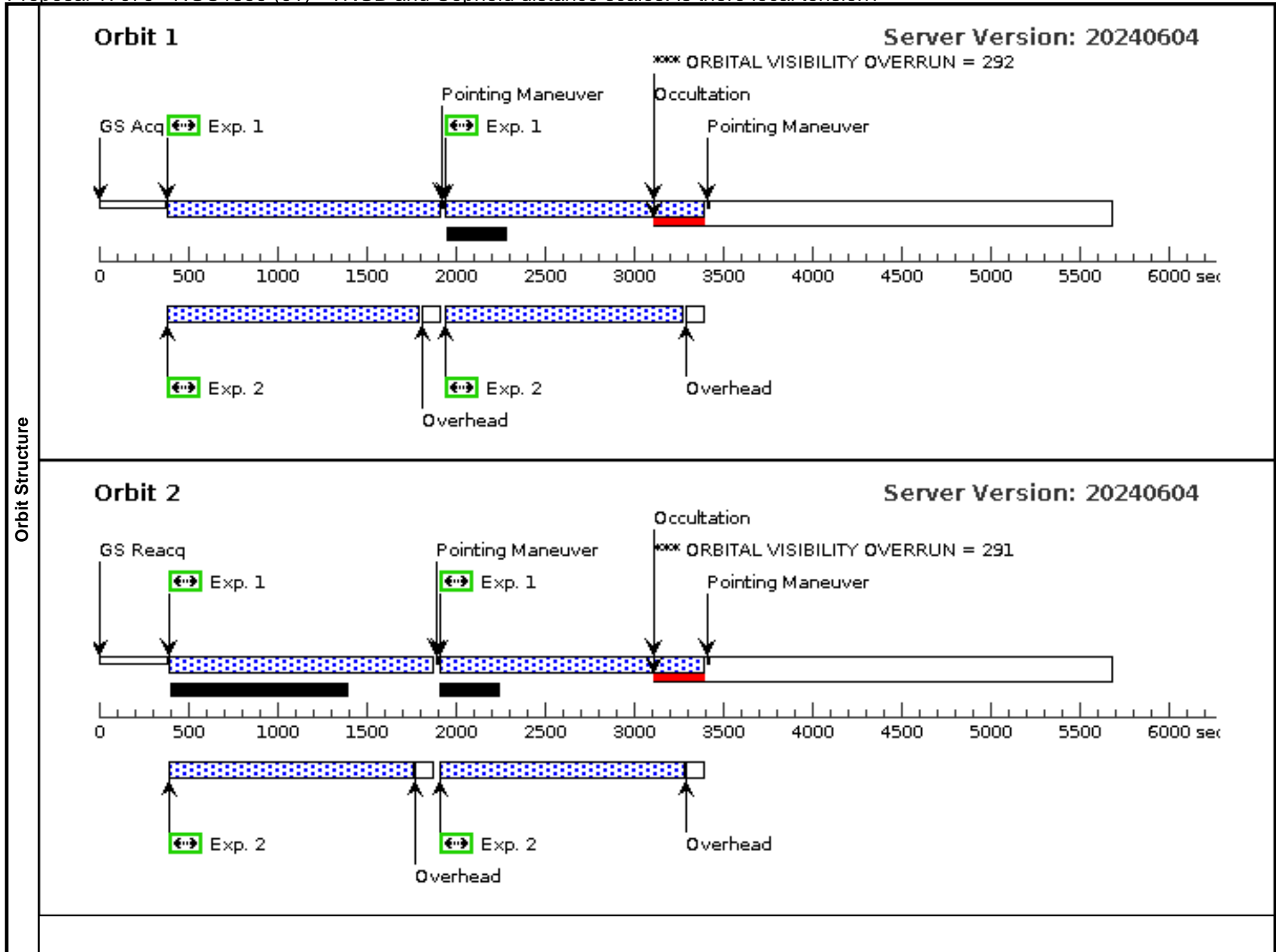
OBSERVING DESCRIPTION

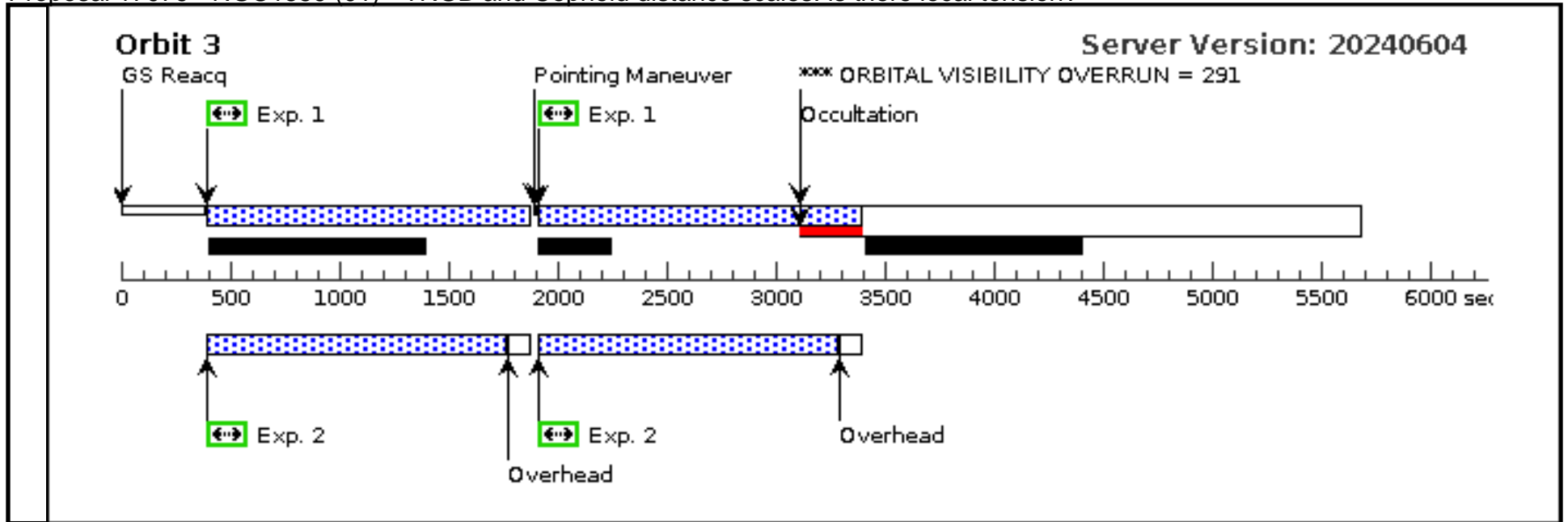
We aim to detect resolved RGBs in the halo regions of 8 SN Ia host galaxies.

Proposal 17079 - NGC1559 (01) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:21 GMT 2024

Visit	Proposal 17079, NGC1559 (01), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 47D TO 57 D									
	Diagnosics (NGC1559 (01)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (NGC1559 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC1559 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC1559 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Primary N1559-F814W (01.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios.									
Patterns	#	Primary Pattern		Secondary Pattern	Exposures					
	(3)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=6 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides= Center Pattern=false		(1-2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-1559	RA: 04 17 12.0000 (64.3000000d) Dec: -62 45 56.24 (-62.76562d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL] Extended=NO		V=28.7+/-0.2	Reference Frame: SIMBAD				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N1559-F814 W	(1) NGC-1559	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARI O BASE1B3	Pattern 3, Exps 1-2 in NGC1559 (01) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC1559 (01)	1000 Secs (8094 Secs) [==>1325.0 Secs (Pattern 1)] [==>1325.0 Secs (Pattern 2)] [==>1361.0 Secs (Pattern 3)] [==>1361.0 Secs (Pattern 4)] [==>1361.0 Secs (Pattern 5)] [==>1361.0 Secs (Pattern 6)]	[1] [2] [3]
	2	N1559-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 3, Exps 1-2 in NGC1559 (01) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC1559 (01)	1335 Secs (8204 Secs) [==>1385.0 Secs (Pattern 1)] [==>1335.0 Secs (Pattern 2)] [==>1371.0 Secs (Pattern 3)] [==>1371.0 Secs (Pattern 4)] [==>1371.0 Secs (Pattern 5)] [==>1371.0 Secs (Pattern 6)]	[1] [2] [3]

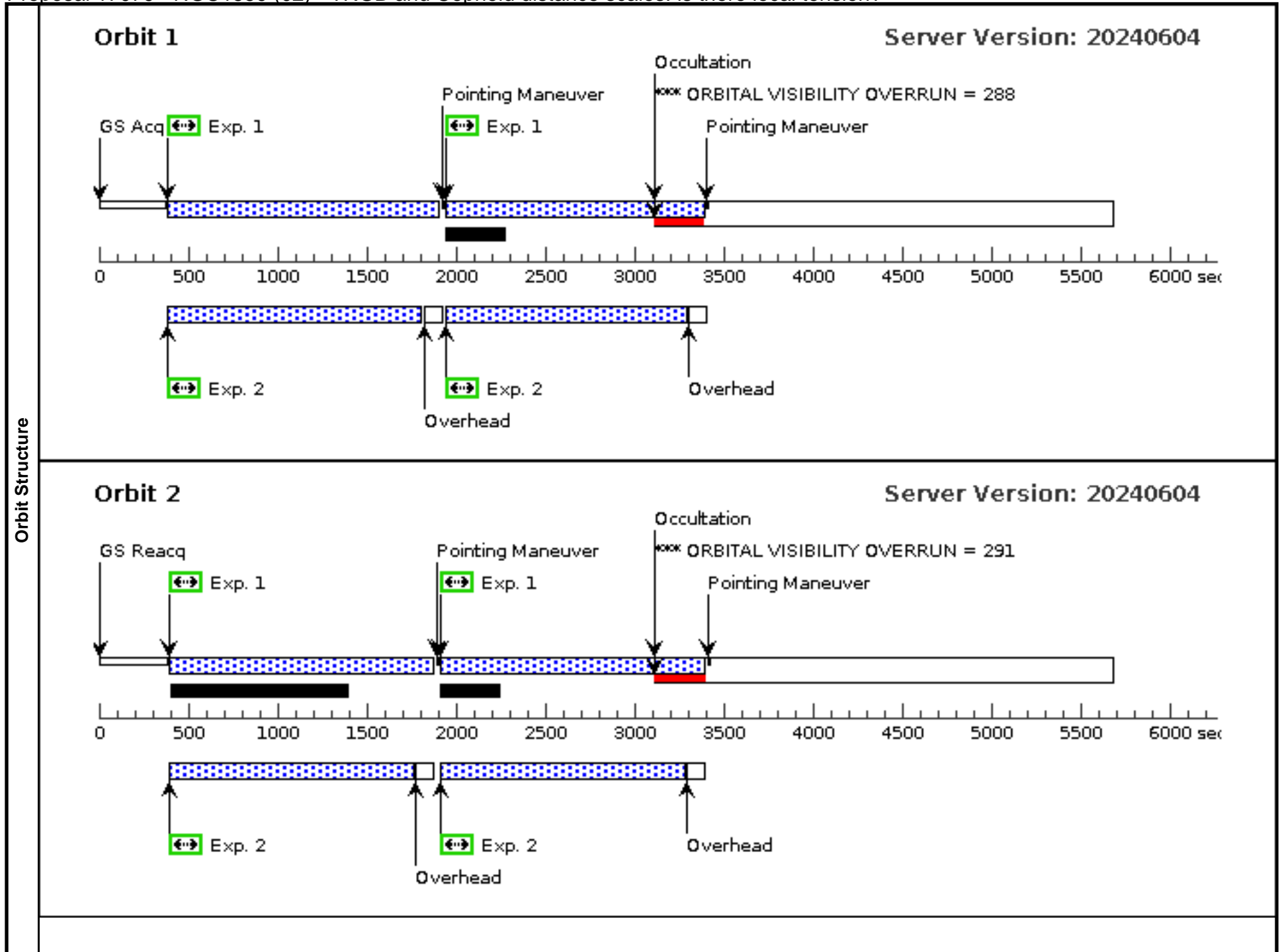


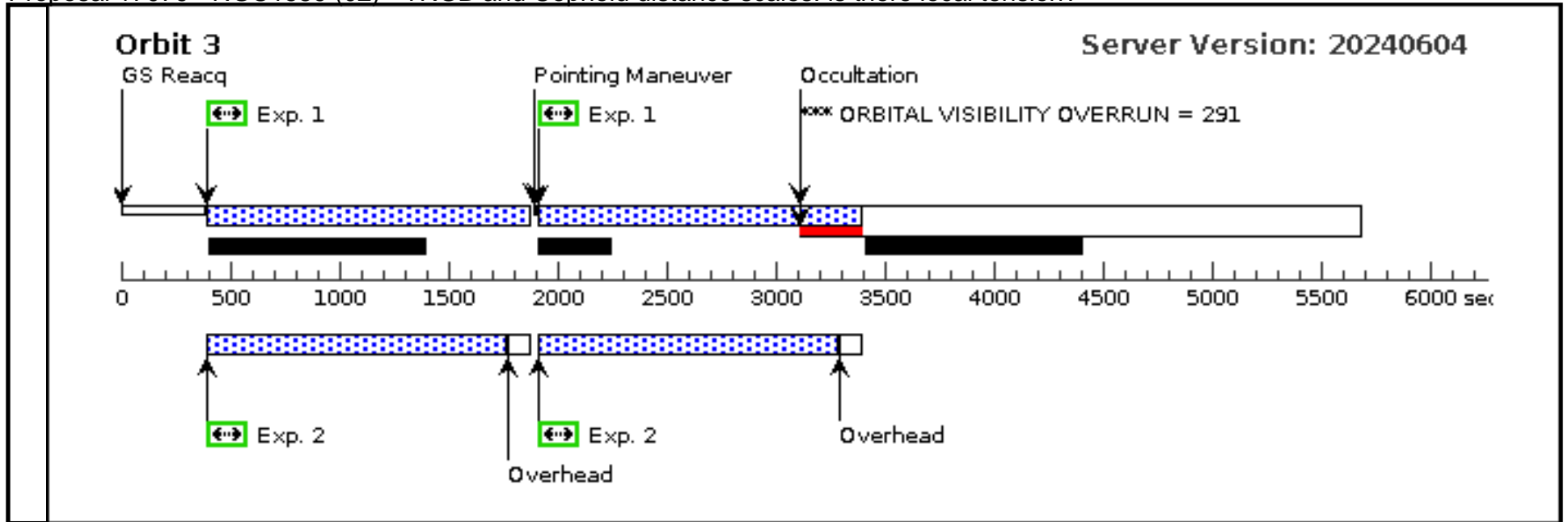


Proposal 17079 - NGC1559 (02) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:21 GMT 2024

Visit	Proposal 17079, NGC1559 (02), failed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 01									
	Diagnosics (NGC1559 (02)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (NGC1559 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC1559 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC1559 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Primary N1559-F814W (02.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios.									
Patterns	#	Primary Pattern		Secondary Pattern	Exposures					
	(3)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=6 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides= Center Pattern=false		(1-2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-1559	RA: 04 17 12.0000 (64.3000000d) Dec: -62 45 56.24 (-62.76562d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL] Extended=NO		V=28.7+/-0.2	Reference Frame: SIMBAD				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N1559-F814 W	(1) NGC-1559	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARI O BASE1B3	Pattern 3, Exps 1-2 in NGC1559 (02) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC1559 (02)	1335 Secs (8090 Secs) [==>1317.0 Secs (Pattern 1)] [==>1329.0 Secs (Pattern 2)] [==>1361.0 Secs (Pattern 3)] [==>1361.0 Secs (Pattern 4)] [==>1361.0 Secs (Pattern 5)] [==>1361.0 Secs (Pattern 6)]	[1] [2] [3]
	2	N1559-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 3, Exps 1-2 in NGC1559 (02) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC1559 (02)	1335 Secs (8236 Secs) [==>1395.0 Secs (Pattern 1)] [==>1357.0 Secs (Pattern 2)] [==>1371.0 Secs (Pattern 3)] [==>1371.0 Secs (Pattern 4)] [==>1371.0 Secs (Pattern 5)] [==>1371.0 Secs (Pattern 6)]	[1] [2] [3]

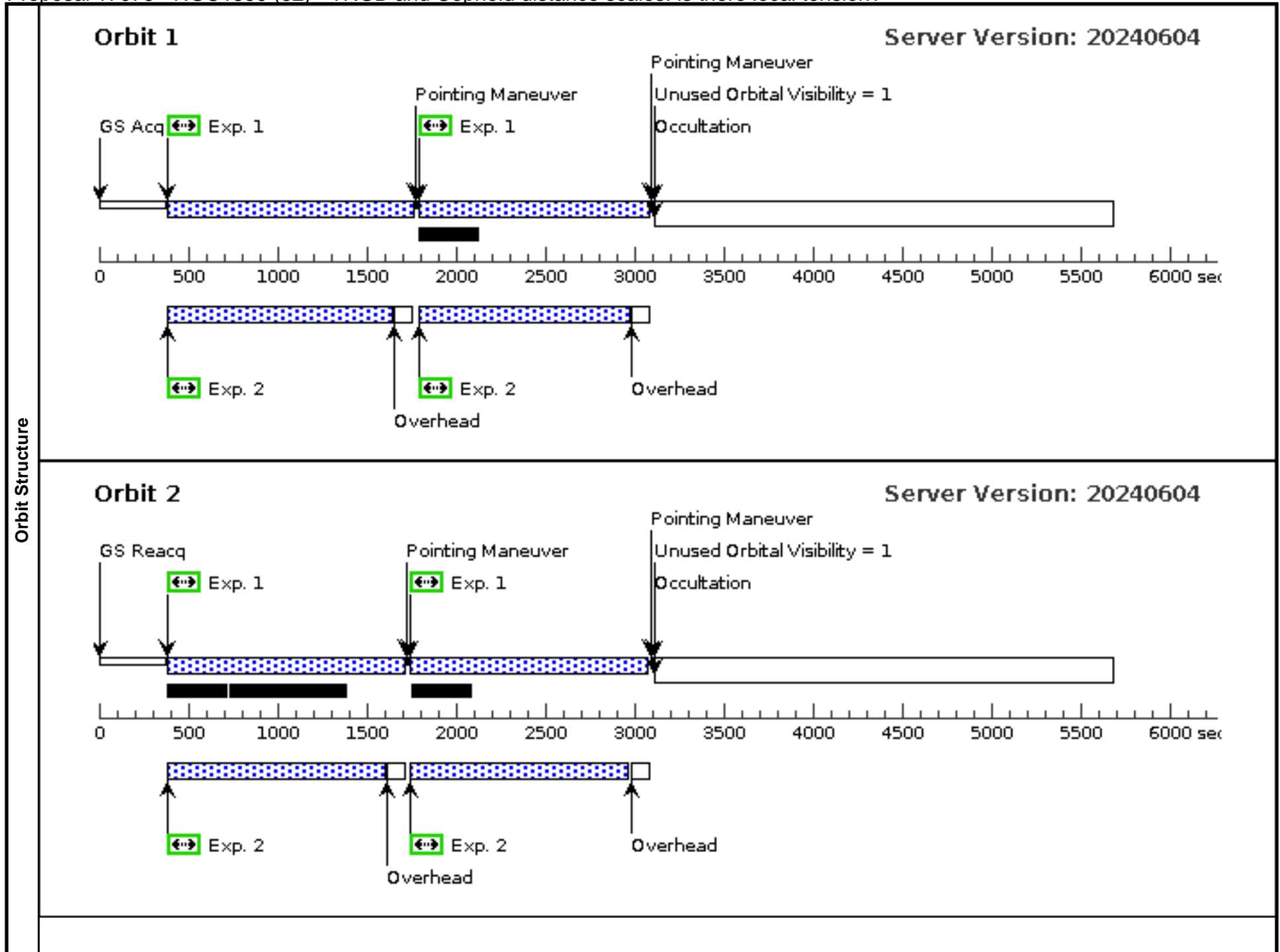


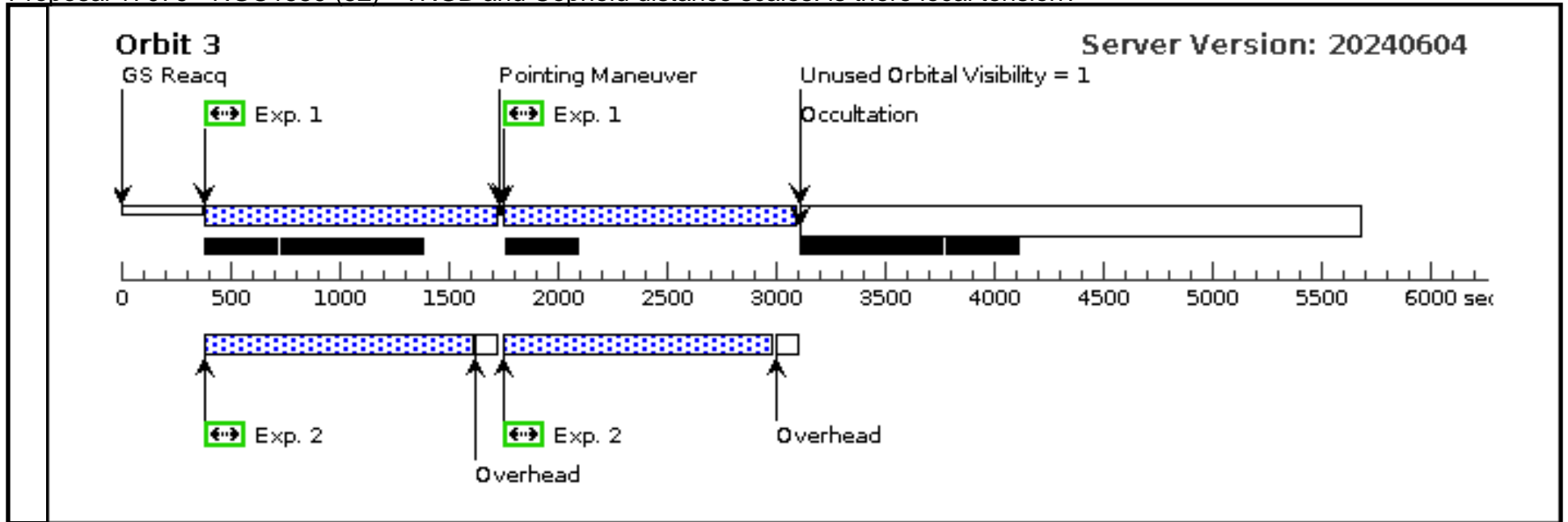


Proposal 17079 - NGC1559 (52) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:21 GMT 2024

Visit	Proposal 17079, NGC1559 (52), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 01									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(3)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=6 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides= Center Pattern=false		(1-2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-1559	RA: 04 17 12.0000 (64.3000000d) Dec: -62 45 56.24 (-62.76562d) Equinox: J2000		V=28.7+/-0.2	Reference Frame: SIMBAD				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL] Extended=NO									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N1559-F814 W	(1) NGC-1559	ACS/WFC, ACCUM, WFC	F814W			GS ACQ SCENARIO BASE103	Pattern 3, Exps 1-2 in NGC1559 (52) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC1559 (52)	1335 Secs (7204 Secs) [==>1170.0 Secs (Pattern 1)] [==>1170.0 Secs (Pattern 2)] [==>1211.0 Secs (Pattern 3)] [==>1211.0 Secs (Pattern 4)] [==>1221.0 Secs (Pattern 5)] [==>1221.0 Secs (Pattern 6)]
2	N1559-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W				Pattern 3, Exps 1-2 in NGC1559 (52) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC1559 (52)	1335 Secs (7314 Secs) [==>1230.0 Secs (Pattern 1)] [==>1180.0 Secs (Pattern 2)] [==>1221.0 Secs (Pattern 3)] [==>1221.0 Secs (Pattern 4)] [==>1231.0 Secs (Pattern 5)] [==>1231.0 Secs (Pattern 6)]	[1] [2] [3]

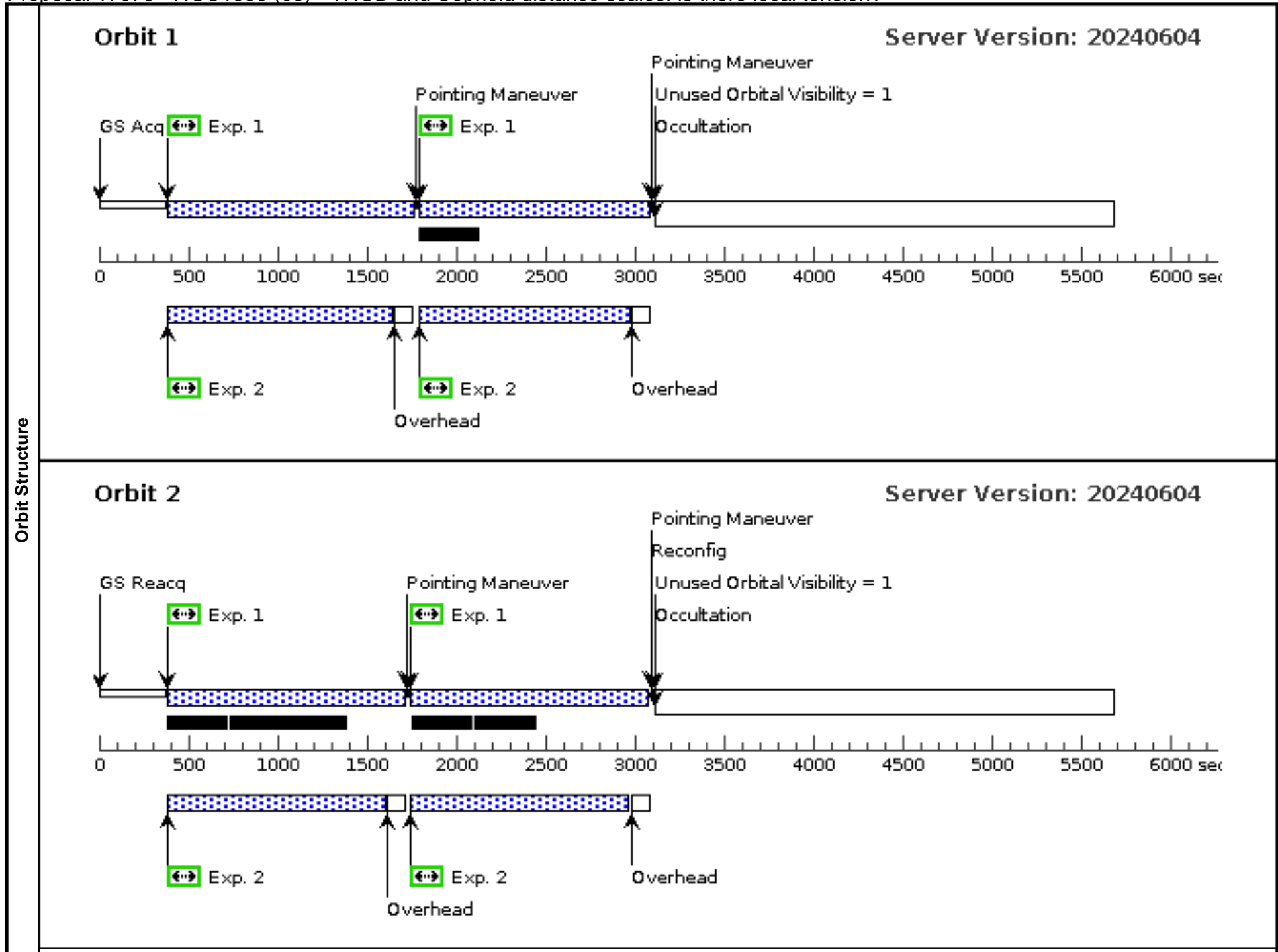


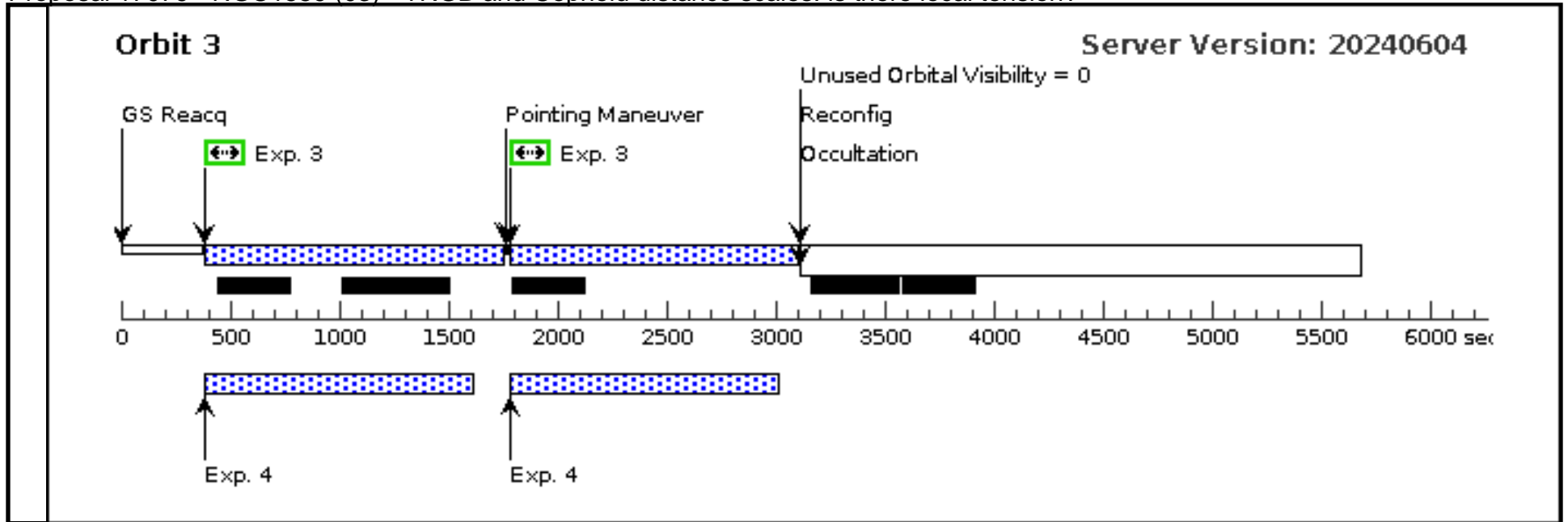


Proposal 17079 - NGC1559 (03) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:21 GMT 2024

Visit	Proposal 17079, NGC1559 (03), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 01									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(2)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.2637 Line Spacing=0.1856	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.02 Center Pattern=false	(1-2)						
	(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.2637 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	(3-4)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-1559	RA: 04 17 12.0000 (64.3000000d) Dec: -62 45 56.24 (-62.76562d) Equinox: J2000		V=28.7+/-0.2	Reference Frame: SIMBAD				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL] Extended=NO										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N1559-F814 W	(1) NGC-1559	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARIO BASE103	Pattern 2, Exps 1-2 in NGC1559 (03) (2) Prime + Parallel Group 1-2 in Pattern 2, Exps 1-2 in NGC1559 (03)	1335 Secs (4762 Secs) [==>1170.0 Secs (Pattern 1)] [==>1170.0 Secs (Pattern 2)] [==>1211.0 Secs (Pattern 3)] [==>1211.0 Secs (Pattern 4)]	[1] [2]
	2	N1559-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 2, Exps 1-2 in NGC1559 (03) (2) Prime + Parallel Group 1-2 in Pattern 2, Exps 1-2 in NGC1559 (03)	1335 Secs (4852 Secs) [==>1230.0 Secs (Pattern 1)] [==>1180.0 Secs (Pattern 2)] [==>1221.0 Secs (Pattern 3)] [==>1221.0 Secs (Pattern 4)]	[1] [2]
	3	N1559-F606 W	(1) NGC-1559	ACS/WFC, ACCUM, WFC	F606W			Pattern 4, Exps 3-4 in NGC1559 (03) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC1559 (03)	1000 Secs (2388 Secs) [==>1194.0 Secs (Pattern 1)] [==>1194.0 Secs (Pattern 2)]	[3]
	4	N1559-F110 W	(1) NGC-1559	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=13; SAMP-SEQ=SPAR S100		Pattern 4, Exps 3-4 in NGC1559 (03) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC1559 (03)	1202.936167 Secs (2405.872 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[3]

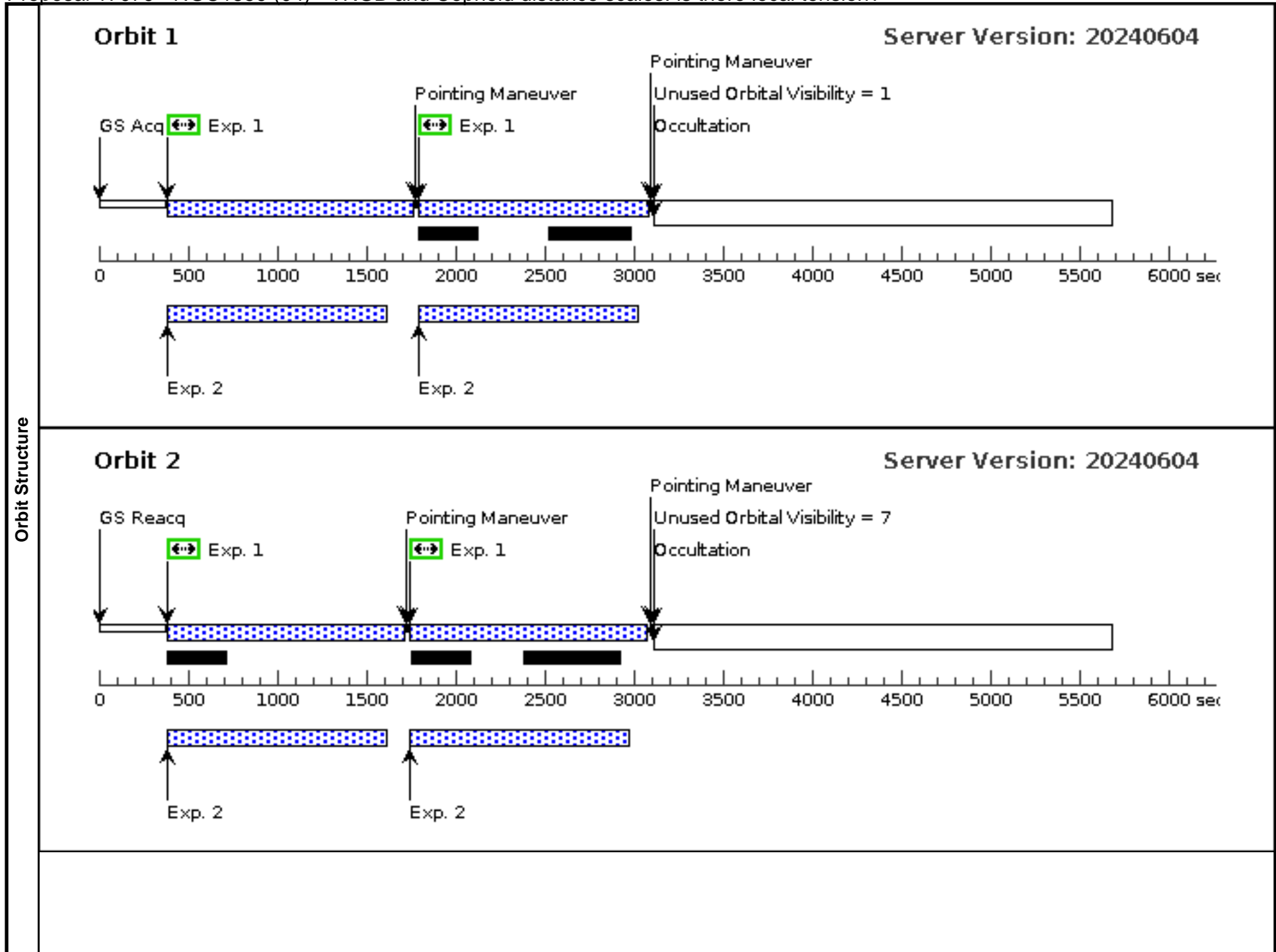


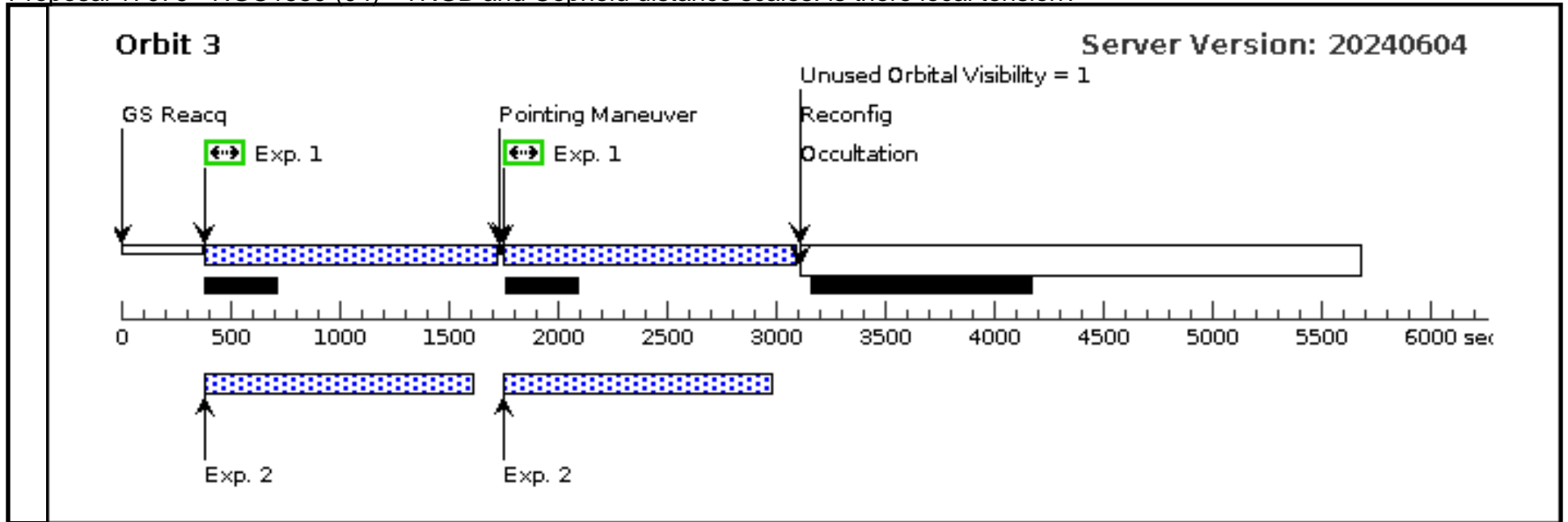


Proposal 17079 - NGC1559 (04) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:21 GMT 2024

Visit	Proposal 17079, NGC1559 (04), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 01									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(3)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=6 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides= Center Pattern=false		(1-2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-1559	RA: 04 17 12.0000 (64.3000000d) Dec: -62 45 56.24 (-62.76562d) Equinox: J2000		V=28.7+/-0.2	Reference Frame: SIMBAD				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL] Extended=NO										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N1559-F606 W	(1) NGC-1559	ACS/WFC, ACCUM, WFC	F606W			GS ACQ SCENARIO BASE103	Pattern 3, Exps 1-2 in NGC1559 (04) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC1559 (04)	1335 Secs (7198 Secs) [==>1170.0 Secs (Pattern 1)] [==>1170.0 Secs (Pattern 2)] [==>1208.0 Secs (Pattern 3)] [==>1208.0 Secs (Pattern 4)] [==>1221.0 Secs (Pattern 5)] [==>1221.0 Secs (Pattern 6)]
2	N1559-F110 W	(1) NGC-1559	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=13; SAMP-SEQ=SPAR S100		Pattern 3, Exps 1-2 in NGC1559 (04) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC1559 (04)	1202.936167 Secs (7217.617 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1] [2] [3]

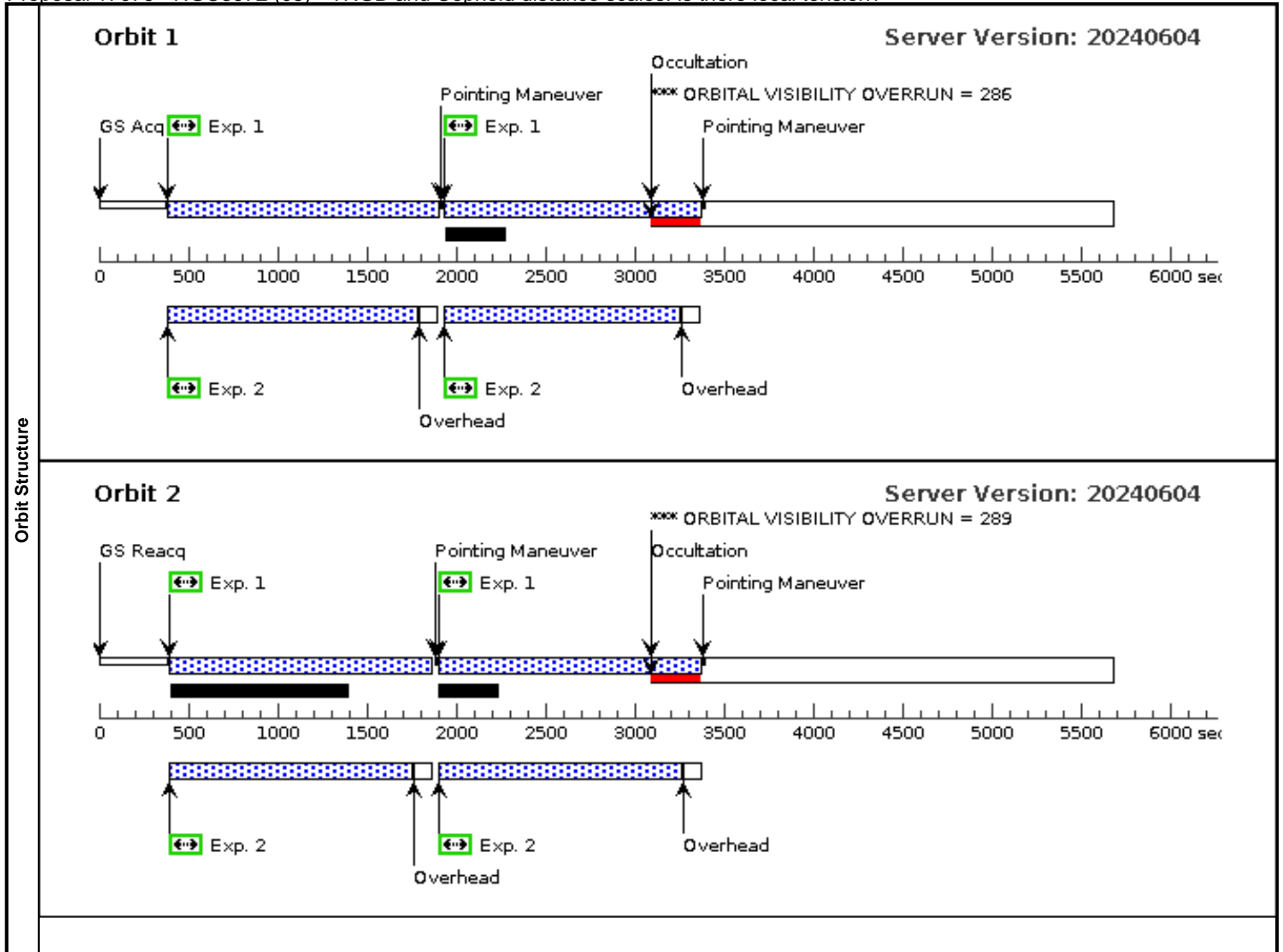


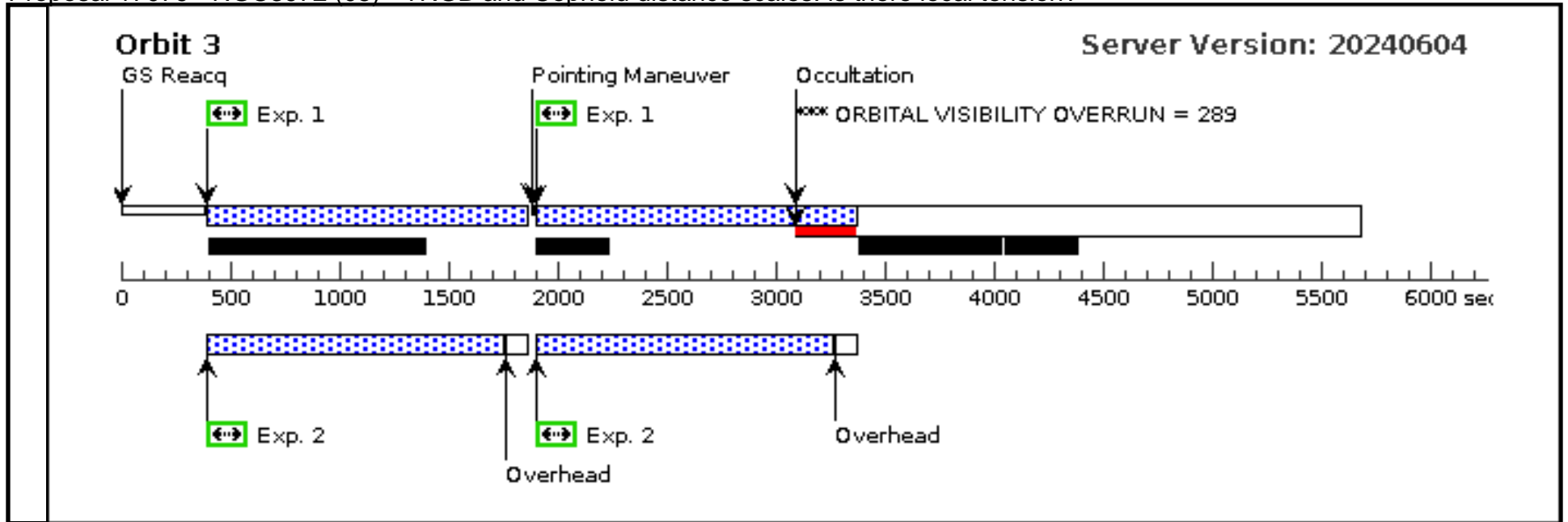


Proposal 17079 - NGC3972 (05) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:21 GMT 2024

Visit	Proposal 17079, NGC3972 (05), failed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 252D TO 262 D									
	Diagnosics (NGC3972 (05)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (NGC3972 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC3972 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC3972 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Primary N3972-F814W (05.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios.									
Patterns	#	Primary Pattern		Secondary Pattern	Exposures					
	(3)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=6 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides= Center Pattern=false		(1-2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	NGC-3972	RA: 11 55 43.5937 (178.9316404d) Dec: +55 19 14.83 (55.32079d) Equinox: J2000	Epoch of Position: 2015.5	V=28.9+/-0.2	Reference Frame: SIMBAD				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N3972-F814 W	(3) NGC-3972	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARIO BASE1B3	Pattern 3, Exps 1-2 in NGC3972 (05) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC3972 (05)	1000 Secs (8024 Secs) [==>1312.0 Secs (Pattern 1)] [==>1312.0 Secs (Pattern 2)] [==>1350.0 Secs (Pattern 3)] [==>1350.0 Secs (Pattern 4)] [==>1350.0 Secs (Pattern 5)] [==>1350.0 Secs (Pattern 6)]	[1] [2] [3]
	2	N3972-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 3, Exps 1-2 in NGC3972 (05) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC3972 (05)	1428 Secs (8134 Secs) [==>1372.0 Secs (Pattern 1)] [==>1322.0 Secs (Pattern 2)] [==>1360.0 Secs (Pattern 3)] [==>1360.0 Secs (Pattern 4)] [==>1360.0 Secs (Pattern 5)] [==>1360.0 Secs (Pattern 6)]	[1] [2] [3]

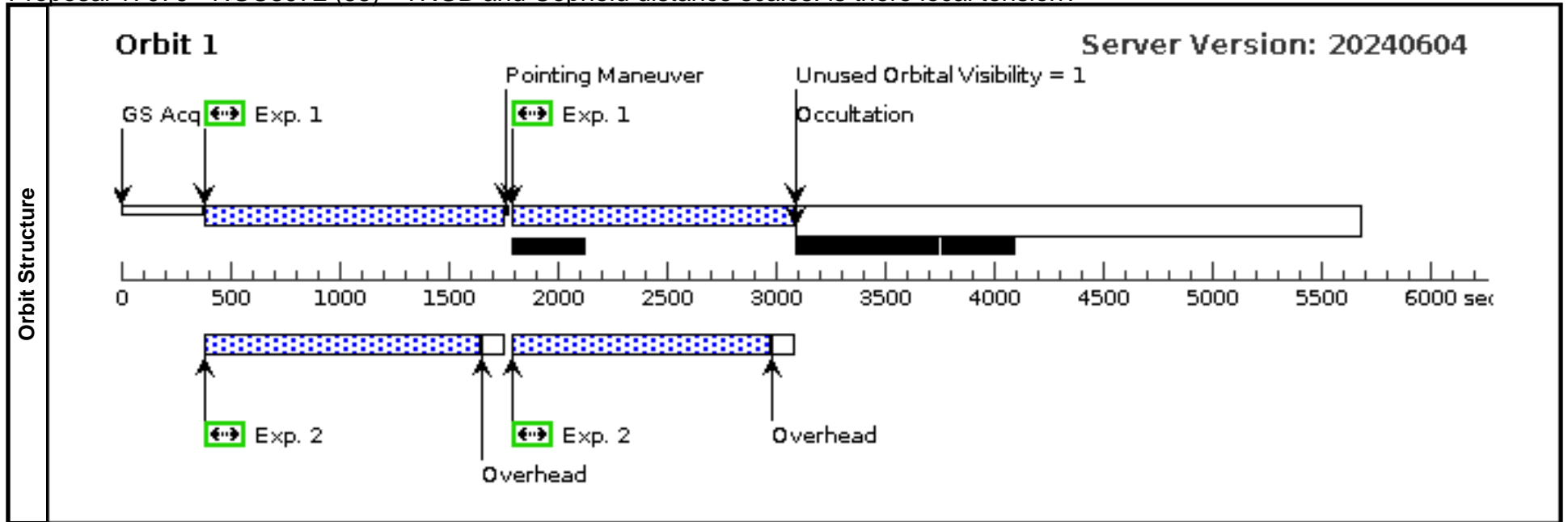




Proposal 17079 - NGC3972 (55) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:21 GMT 2024

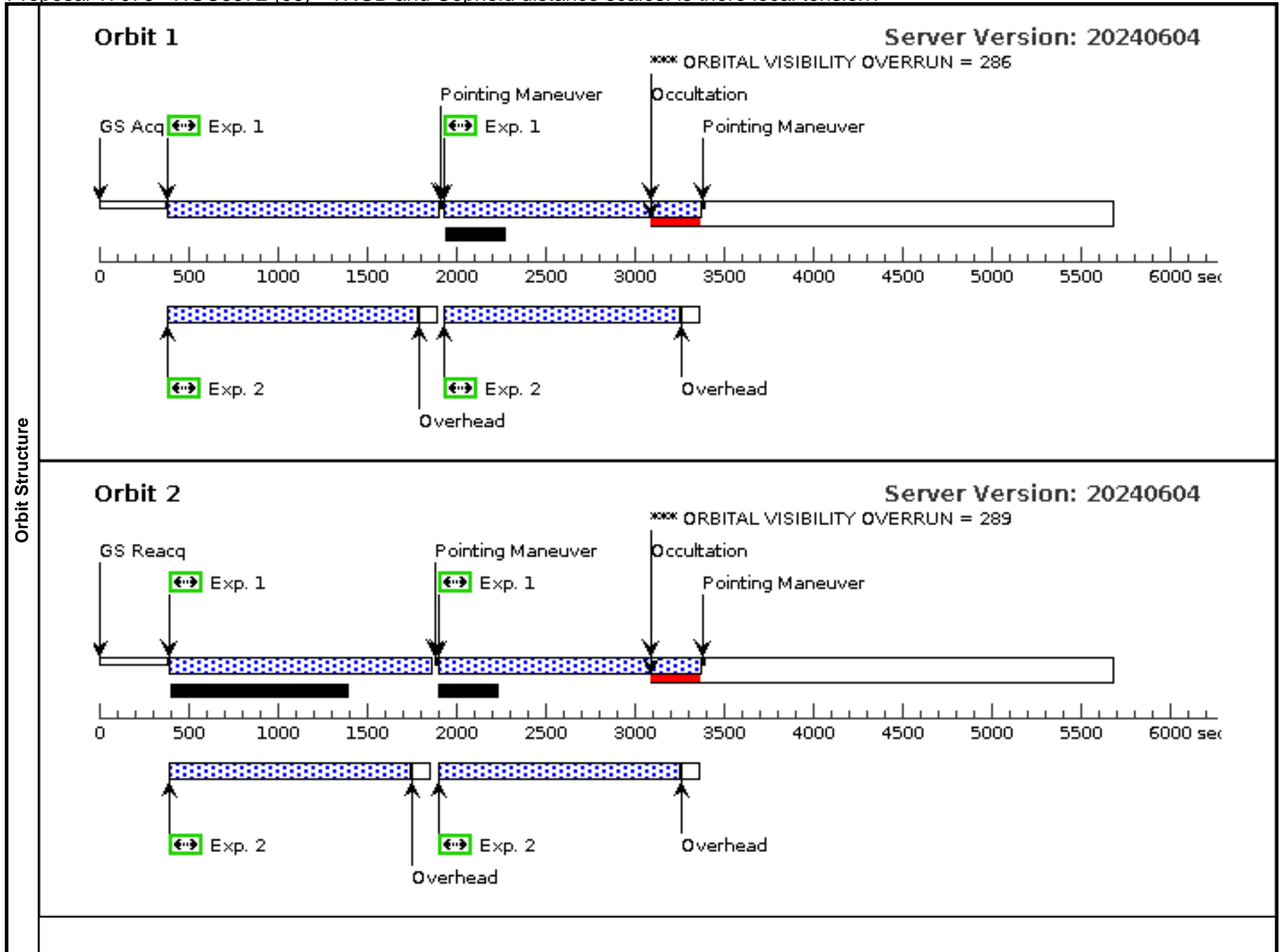
Visit	Proposal 17079, NGC3972 (55), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 252D TO 272 D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false						(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	NGC-3972	RA: 11 55 43.5937 (178.9316404d) Dec: +55 19 14.83 (55.32079d) Equinox: J2000		Epoch of Position: 2015.5		V=28.9+/-0.2		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, HALO, SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	N3972-F814 W	(3) NGC-3972	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARIO BASE103	Pattern 1, Exps 1-2 in NGC3972 (55) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC3972 (55)	1000 Secs (2338 Secs) [==>1169.0 Secs (Pattern 1)] [==>1169.0 Secs (Pattern 2)]		[1]
	2	N3972-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 1, Exps 1-2 in NGC3972 (55) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC3972 (55)	1428 Secs (2408 Secs) [==>1229.0 Secs (Pattern 1)] [==>1179.0 Secs (Pattern 2)]		[1]

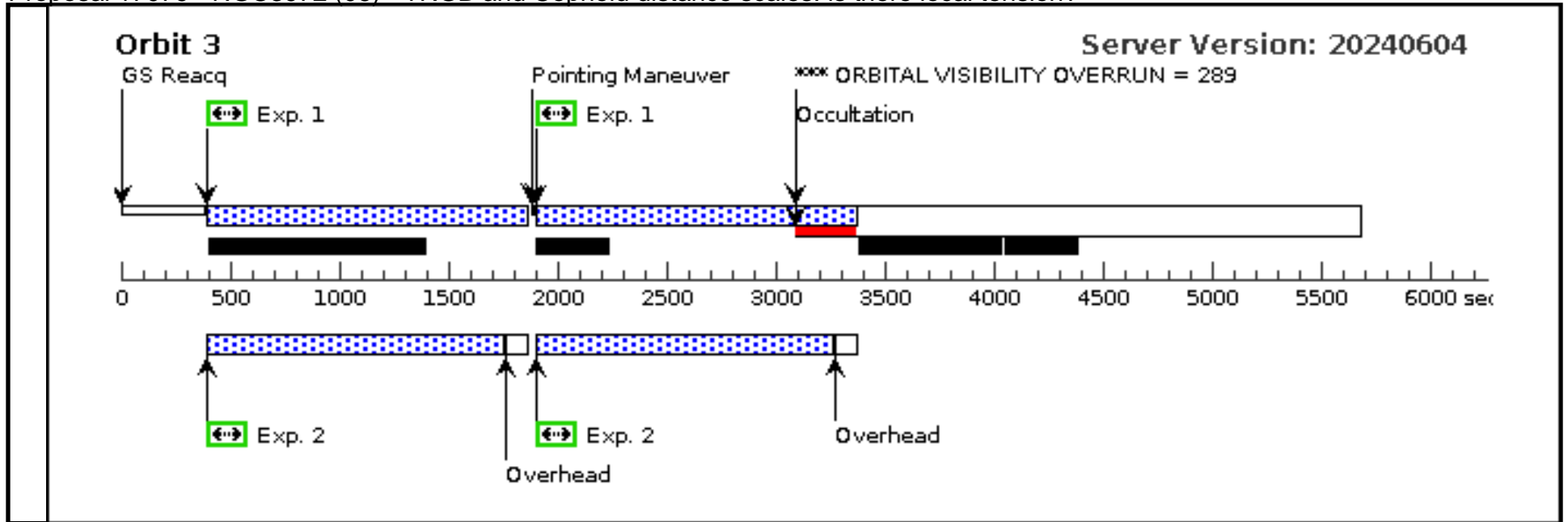


Proposal 17079 - NGC3972 (06) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:21 GMT 2024

Visit	Proposal 17079, NGC3972 (06), failed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 05									
	Diagnosics (NGC3972 (06)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (NGC3972 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC3972 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC3972 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Primary N3972-F814W (06.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios.									
Patterns	#	Primary Pattern		Secondary Pattern	Exposures					
	(3)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=6 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides= Center Pattern=false		(1-2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	NGC-3972	RA: 11 55 43.5937 (178.9316404d) Dec: +55 19 14.83 (55.32079d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL]	Epoch of Position: 2015.5	V=28.9+/-0.2	Reference Frame: SIMBAD				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N3972-F814 W	(3) NGC-3972	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARIO BASE1B3	Pattern 3, Exps 1-2 in NGC3972 (06) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC3972 (06)	100 Secs (8024 Secs) [==>1312.0 Secs (Pattern 1)] [==>1312.0 Secs (Pattern 2)] [==>1350.0 Secs (Pattern 3)] [==>1350.0 Secs (Pattern 4)] [==>1350.0 Secs (Pattern 5)] [==>1350.0 Secs (Pattern 6)]	[1] [2] [3]
	2	N3972-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 3, Exps 1-2 in NGC3972 (06) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC3972 (06)	1428 Secs (8116 Secs) [==>1372.0 Secs (Pattern 1)] [==>1322.0 Secs (Pattern 2)] [==>1351.0 Secs (Pattern 3)] [==>1351.0 Secs (Pattern 4)] [==>1360.0 Secs (Pattern 5)] [==>1360.0 Secs (Pattern 6)]	[1] [2] [3]

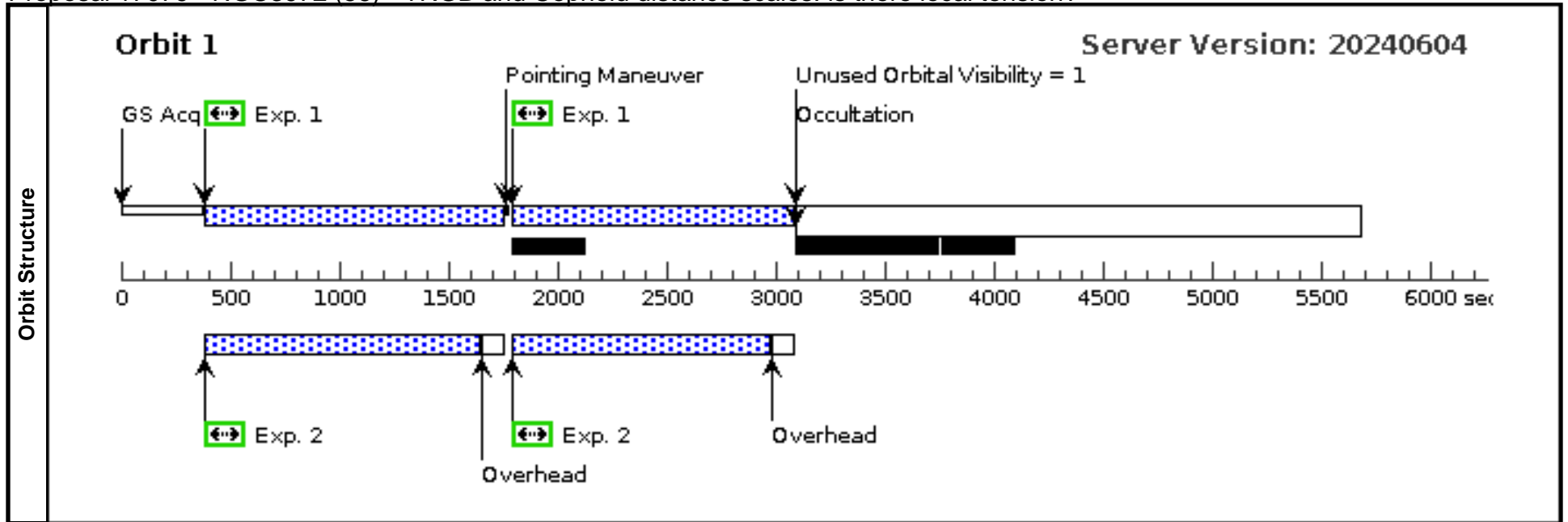




Proposal 17079 - NGC3972 (56) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:21 GMT 2024

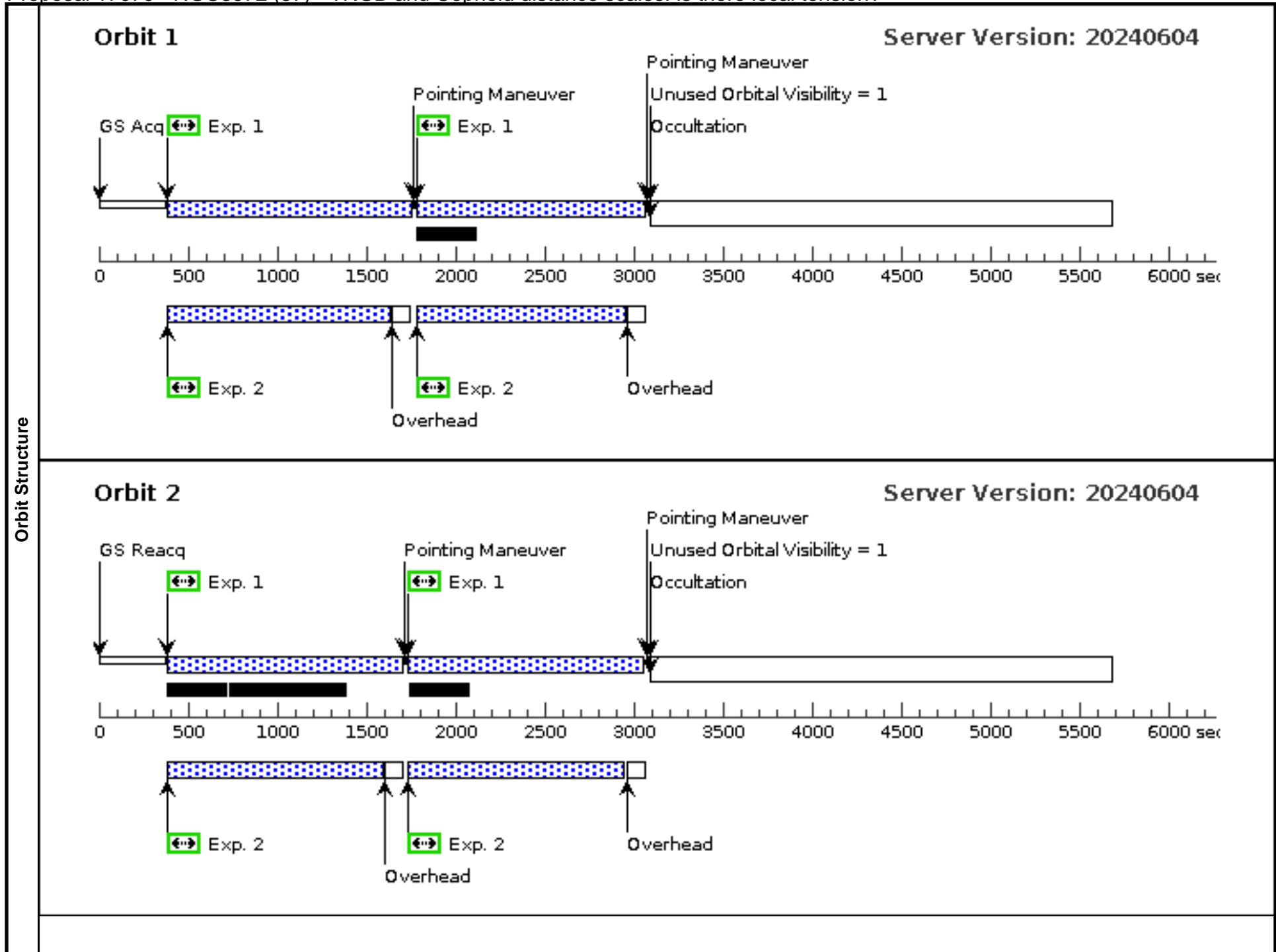
Visit	Proposal 17079, NGC3972 (56), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 55									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1-2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	NGC-3972	RA: 11 55 43.5937 (178.9316404d) Dec: +55 19 14.83 (55.32079d) Equinox: J2000	Epoch of Position: 2015.5	V=28.9+/-0.2	Reference Frame: SIMBAD				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N3972-F814 W	(3) NGC-3972	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARIO BASE103	Pattern 1, Exps 1-2 in NGC3972 (56) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC3972 (56)	100 Secs (2338 Secs) [==>1169.0 Secs (Pattern 1)] [==>1169.0 Secs (Pattern 2)]	[1]
	2	N3972-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 1, Exps 1-2 in NGC3972 (56) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC3972 (56)	1428 Secs (2408 Secs) [==>1229.0 Secs (Pattern 1)] [==>1179.0 Secs (Pattern 2)]	[1]

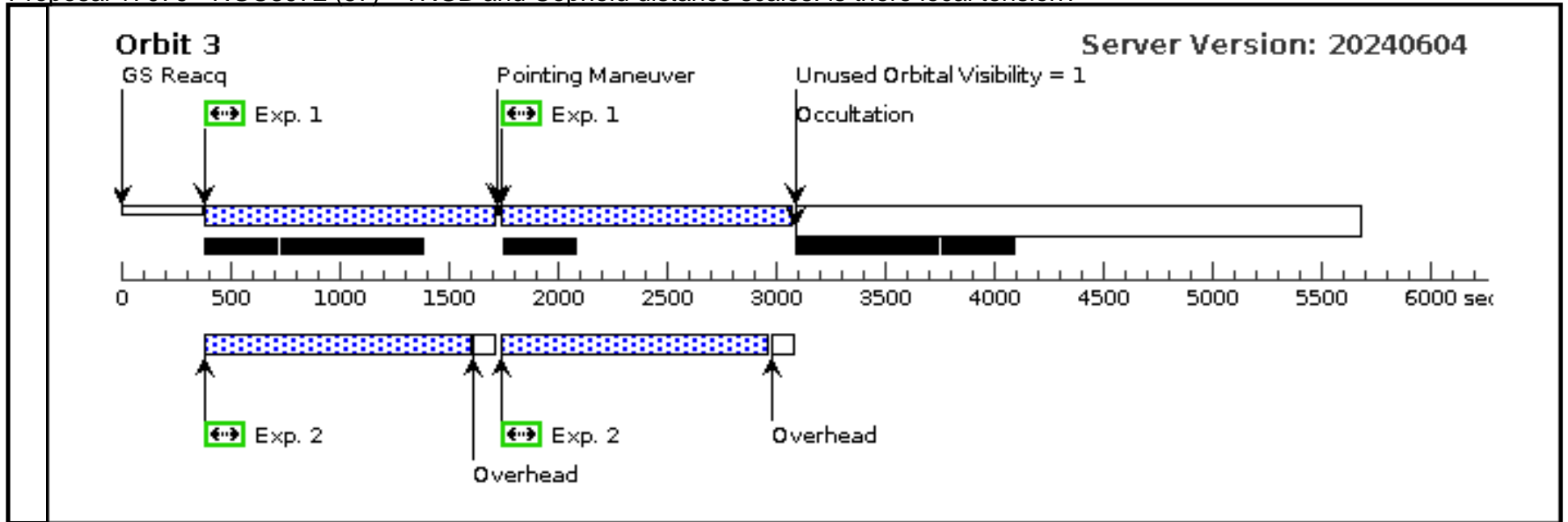


Proposal 17079 - NGC3972 (57) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:21 GMT 2024

Visit	Proposal 17079, NGC3972 (57), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 55									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(3)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=6 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides= Center Pattern=false		(1-2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	NGC-3972	RA: 11 55 43.5937 (178.9316404d) Dec: +55 19 14.83 (55.32079d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL]	Epoch of Position: 2015.5	V=28.9+/-0.2	Reference Frame: SIMBAD				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N3972-F814 W	(3) NGC-3972	ACS/WFC, ACCUM, WFC	F814W			GS ACQ SCENARIO BASE103	Pattern 3, Exps 1-2 in NGC3972 (57) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC3972 (57)	1000 Secs (7144 Secs) [==>1160.0 Secs (Pattern 1)] [==>1160.0 Secs (Pattern 2)] [==>1201.0 Secs (Pattern 3)] [==>1201.0 Secs (Pattern 4)] [==>1211.0 Secs (Pattern 5)] [==>1211.0 Secs (Pattern 6)]
2	N3972-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W				Pattern 3, Exps 1-2 in NGC3972 (57) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC3972 (57)	1000 Secs (7254 Secs) [==>1220.0 Secs (Pattern 1)] [==>1170.0 Secs (Pattern 2)] [==>1211.0 Secs (Pattern 3)] [==>1211.0 Secs (Pattern 4)] [==>1221.0 Secs (Pattern 5)] [==>1221.0 Secs (Pattern 6)]	[1] [2] [3]

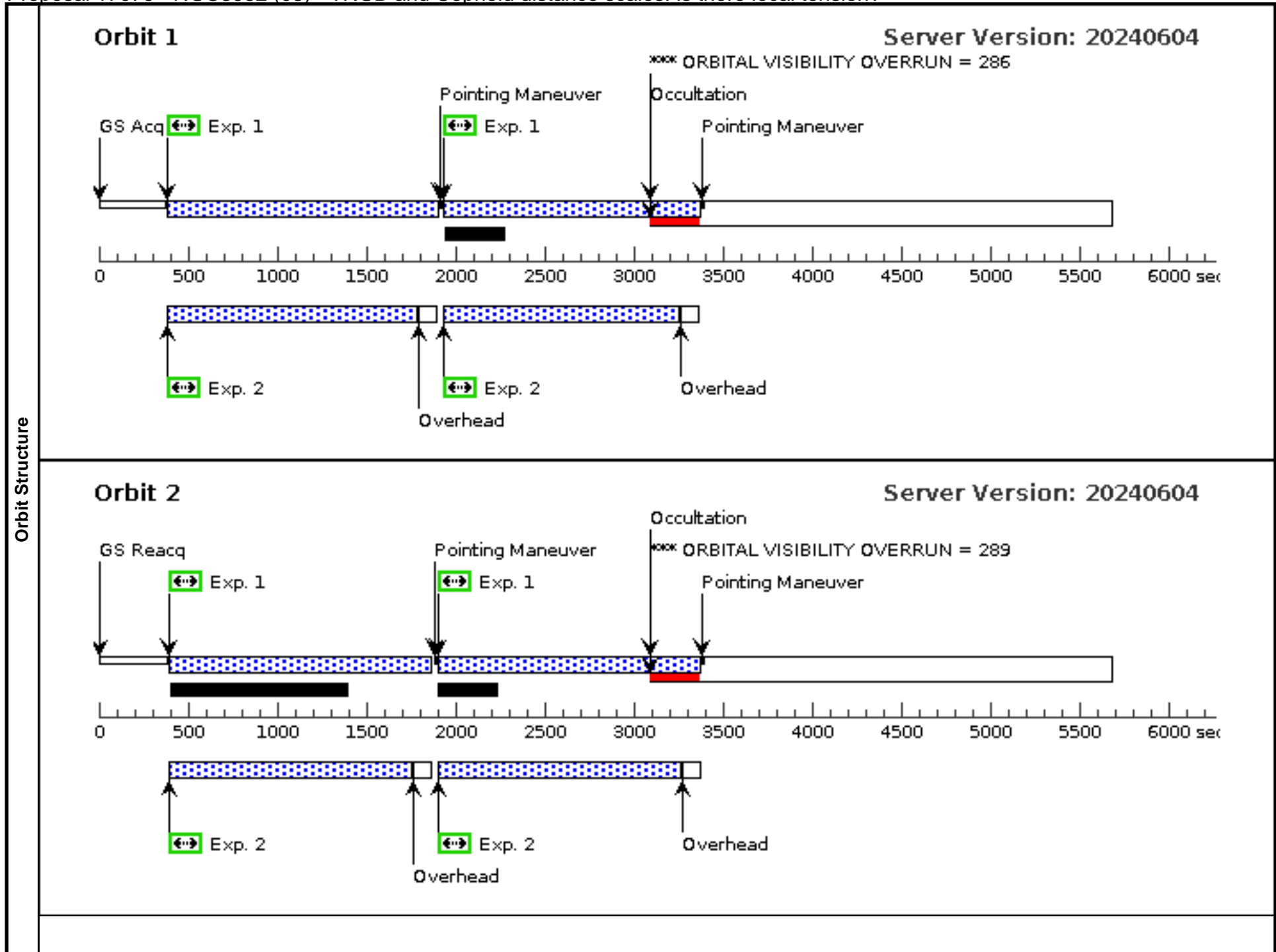


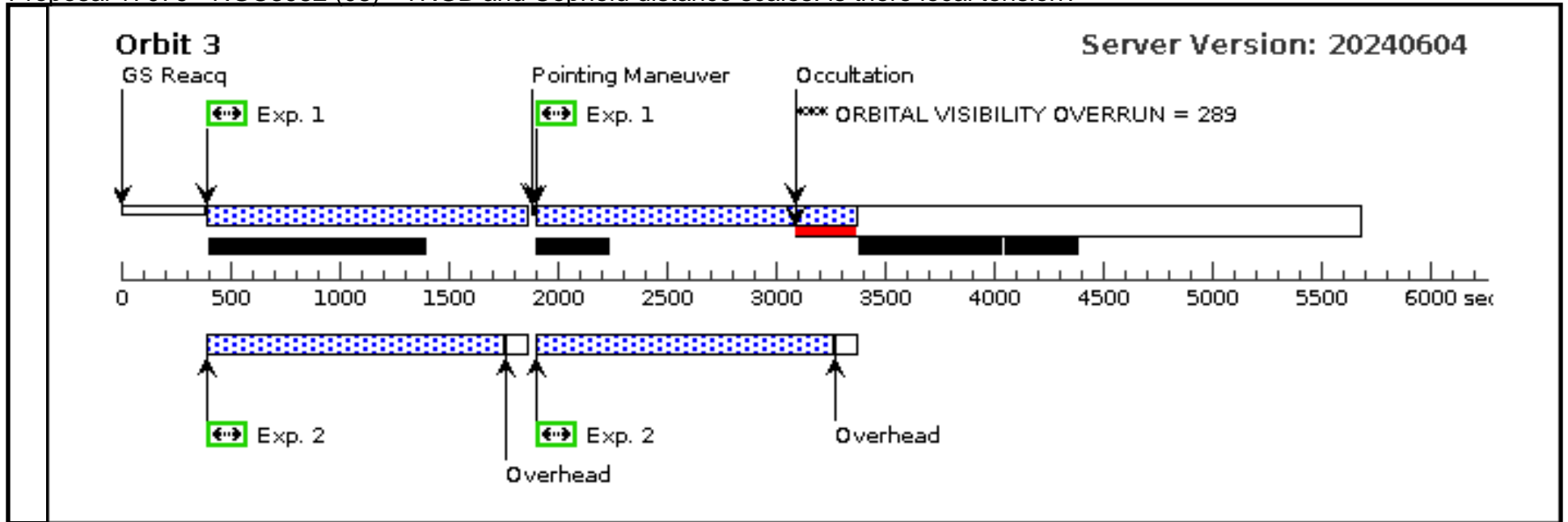


Proposal 17079 - NGC3982 (08) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:21 GMT 2024

Visit	Proposal 17079, NGC3982 (08), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 161D TO 171 D; ORIENT 341D TO 351 D									
	(NGC3982 (08)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (NGC3982 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC3982 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC3982 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Primary N3982-F814W (08.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios.									
Patterns	#	Primary Pattern		Secondary Pattern	Exposures					
	(3)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=6 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides= Center Pattern=false		(1-2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	NGC-3982	RA: 11 56 39.0000 (179.1625000d) Dec: +55 09 56.00 (55.16556d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL]	Epoch of Position: 2015.5	V=28.9+/-0.2	Reference Frame: SIMBAD				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N3982-F814 W	(2) NGC-3982	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARIO BASE1B3	Pattern 3, Exps 1-2 in NGC3982 (08) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC3982 (08)	1000 Secs (8024 Secs) [==>1312.0 Secs (Pattern 1)] [==>1312.0 Secs (Pattern 2)] [==>1350.0 Secs (Pattern 3)] [==>1350.0 Secs (Pattern 4)] [==>1350.0 Secs (Pattern 5)] [==>1350.0 Secs (Pattern 6)]	[1] [2] [3]
	2	N3982-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 3, Exps 1-2 in NGC3982 (08) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC3982 (08)	1000 Secs (8134 Secs) [==>1372.0 Secs (Pattern 1)] [==>1322.0 Secs (Pattern 2)] [==>1360.0 Secs (Pattern 3)] [==>1360.0 Secs (Pattern 4)] [==>1360.0 Secs (Pattern 5)] [==>1360.0 Secs (Pattern 6)]	[1] [2] [3]

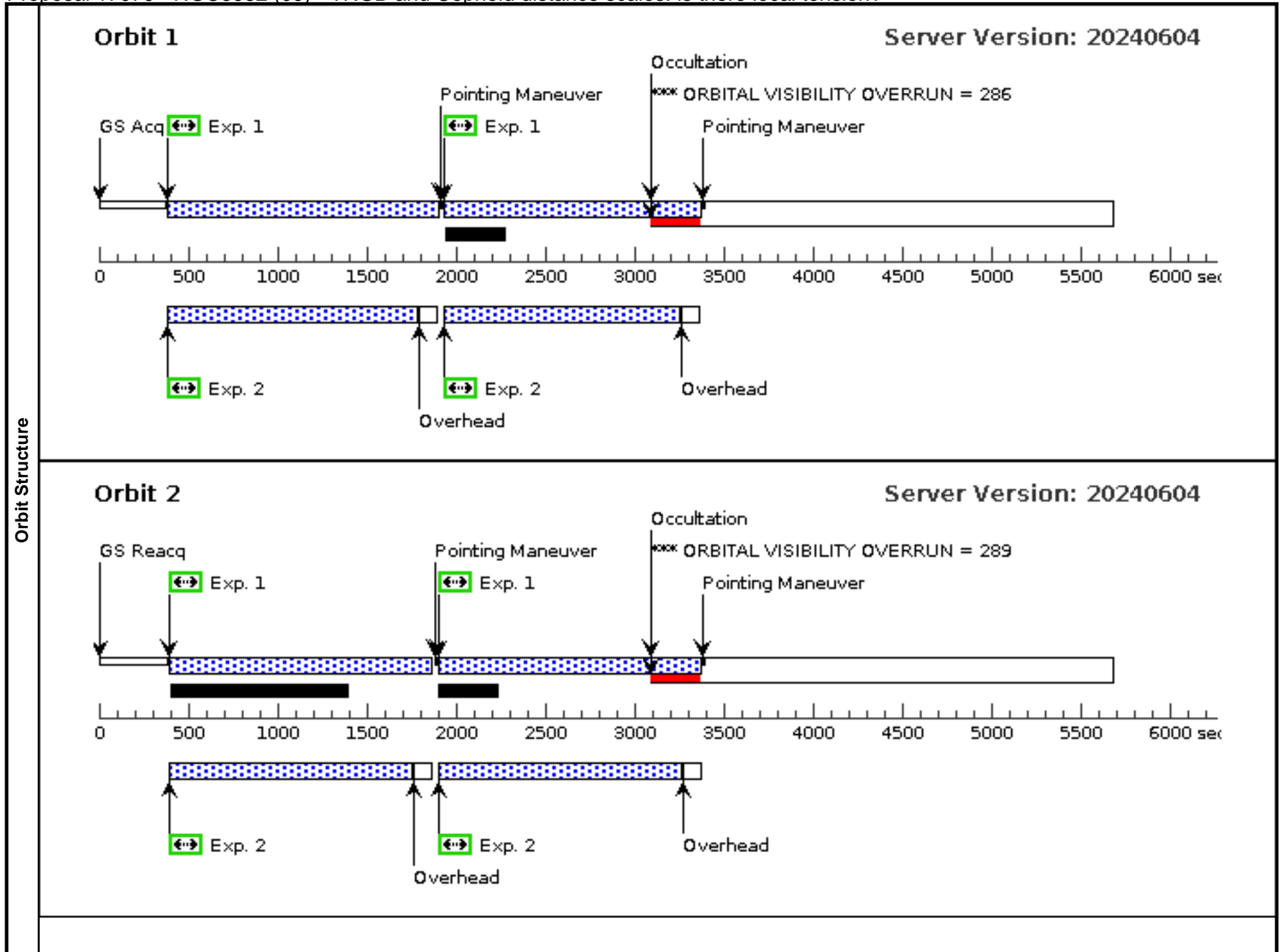


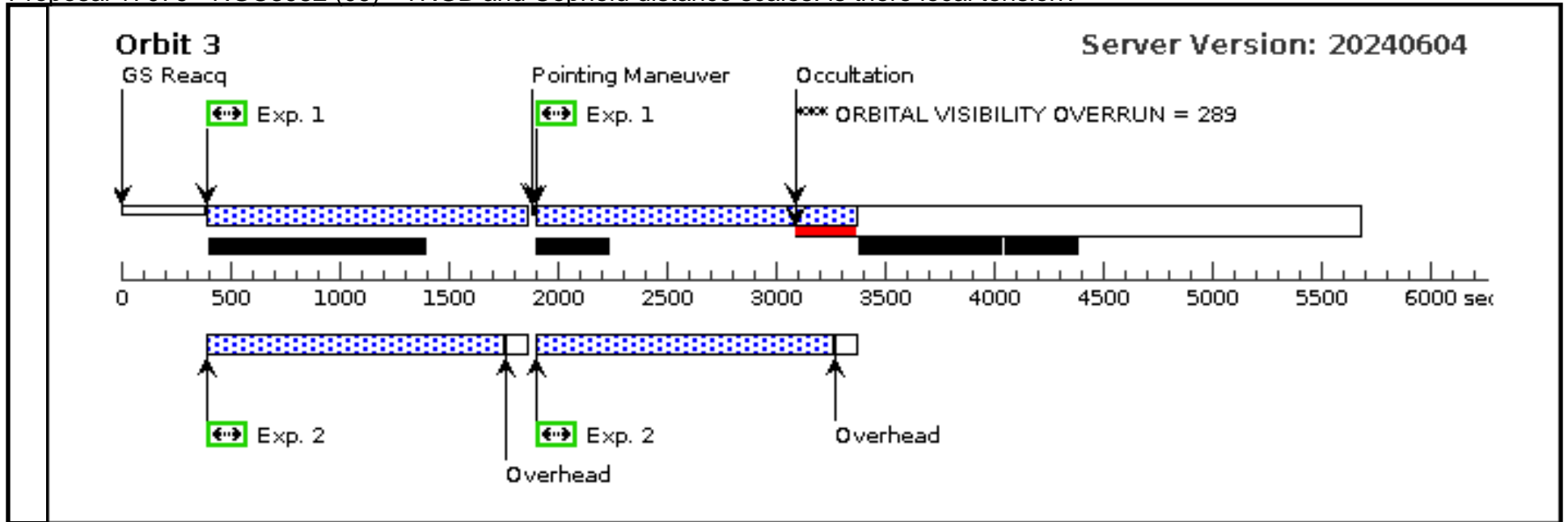


Proposal 17079 - NGC3982 (09) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:21 GMT 2024

Visit	Proposal 17079, NGC3982 (09), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 08									
	(NGC3982 (09)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (NGC3982 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC3982 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC3982 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Primary N3982-F814W (09.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios.									
Patterns	#	Primary Pattern		Secondary Pattern	Exposures					
	(3)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=6 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides= Center Pattern=false		(1-2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	NGC-3982	RA: 11 56 39.0000 (179.1625000d) Dec: +55 09 56.00 (55.16556d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL]	Epoch of Position: 2015.5	V=28.9+/-0.2	Reference Frame: SIMBAD				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N3982-F814 W	(2) NGC-3982	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARIO BASE1B3	Pattern 3, Exps 1-2 in NGC3982 (09) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC3982 (09)	1000 Secs (8024 Secs) [==>1312.0 Secs (Pattern 1)] [==>1312.0 Secs (Pattern 2)] [==>1350.0 Secs (Pattern 3)] [==>1350.0 Secs (Pattern 4)] [==>1350.0 Secs (Pattern 5)] [==>1350.0 Secs (Pattern 6)]	[1] [2] [3]
	2	N3982-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 3, Exps 1-2 in NGC3982 (09) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC3982 (09)	1000 Secs (8134 Secs) [==>1372.0 Secs (Pattern 1)] [==>1322.0 Secs (Pattern 2)] [==>1360.0 Secs (Pattern 3)] [==>1360.0 Secs (Pattern 4)] [==>1360.0 Secs (Pattern 5)] [==>1360.0 Secs (Pattern 6)]	[1] [2] [3]





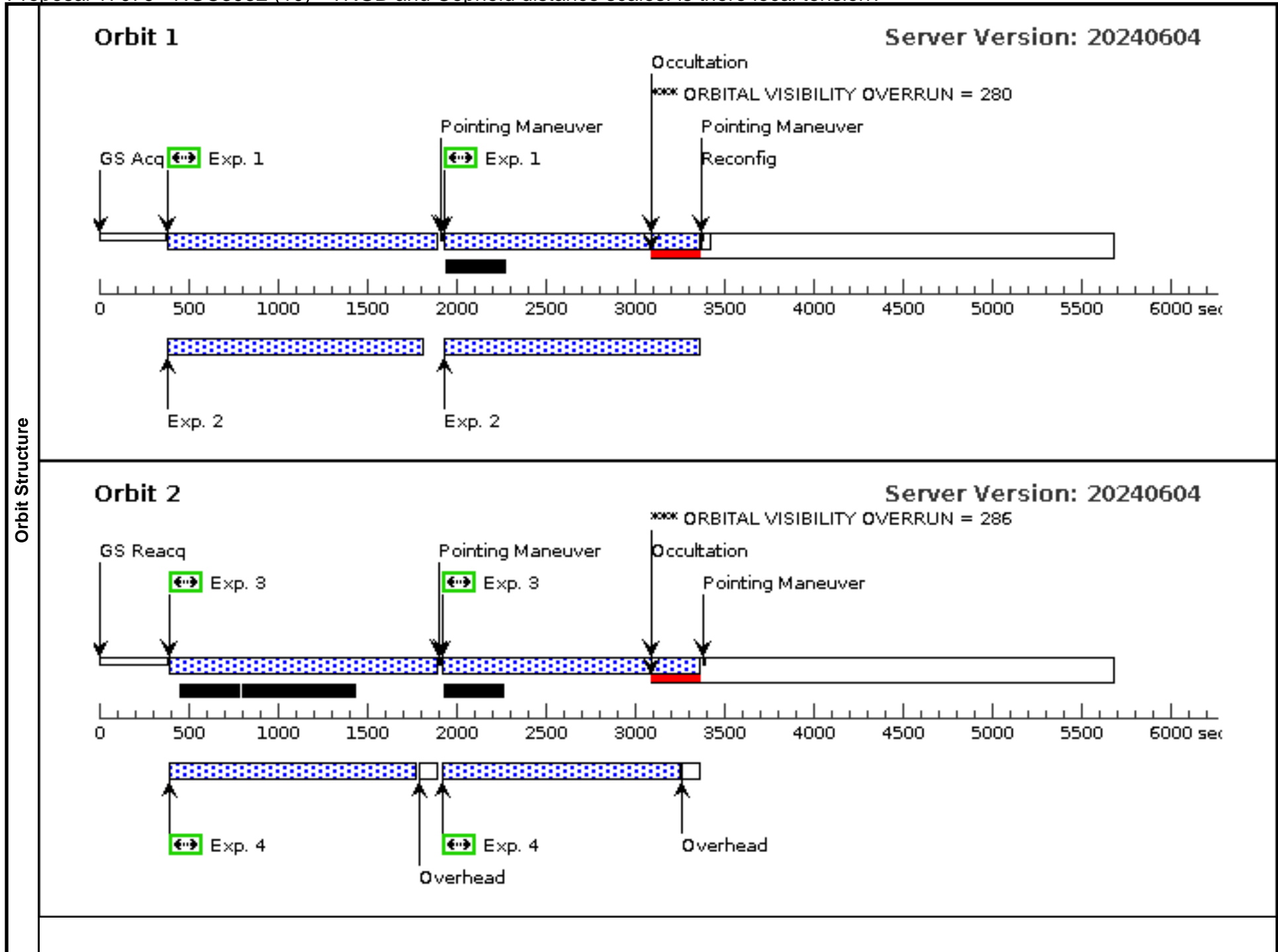
Proposal 17079 - NGC3982 (10) - TRGB and Cepheid distance scales: is there local tension?

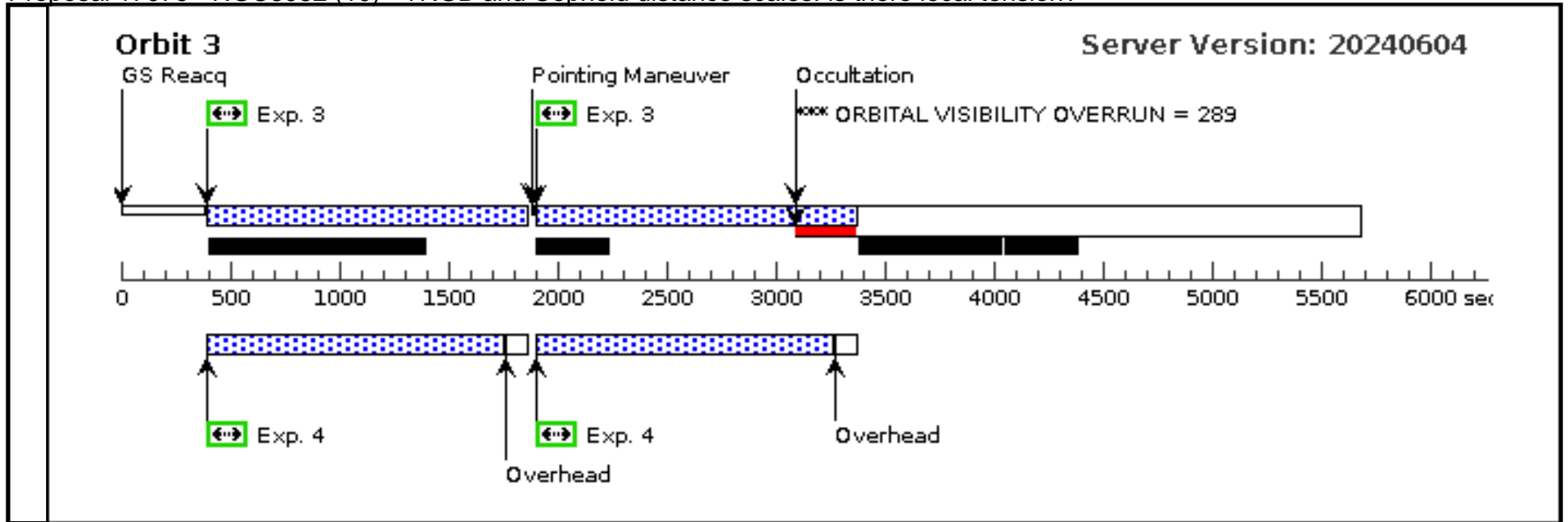
Fri Sep 06 15:04:21 GMT 2024

Visit	Proposal 17079, NGC3982 (10), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 08					
	Diagnosics (NGC3982 (10)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (NGC3982 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC3982 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC3982 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Primary N3982-F606W (10.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios.					
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(2)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.2637 Line Spacing=0.1856	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.02 Center Pattern=false		(3-4)	
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.2637 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1-2)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	NGC-3982	RA: 11 56 39.0000 (179.1625000d) Dec: +55 09 56.00 (55.16556d) Equinox: J2000	Epoch of Position: 2015.5	V=28.9+/-0.2	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, HALO, SPIRAL]						

Proposal 17079 - NGC3982 (10) - TRGB and Cepheid distance scales: is there local tension?

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N3982-F606 W	(2) NGC-3982	ACS/WFC, ACCUM, WFC	F606W		GS ACQ SCENARI O BASE1B3	Pattern 4, Exps 1-2 in NGC3982 (10) (4) Prime + Parallel Gro up 1-2 in Pattern 4, E xps 1-2 in NGC3982 (10)	1000 Secs (2618 Secs) [==>1309.0 Secs (Pattern 1)] [==>1309.0 Secs (Pattern 2)]	[1]
	2	N3982-F110 W	(2) NGC-3982	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=15; SAMP-SEQ=SPAR S100		Pattern 4, Exps 1-2 in NGC3982 (10) (4) Prime + Parallel Gro up 1-2 in Pattern 4, E xps 1-2 in NGC3982 (10)	1402.936813 Secs (2805.874 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	N3982-F814 W	(2) NGC-3982	ACS/WFC, ACCUM, WFC	F814W			Pattern 2, Exps 3-4 in NGC3982 (10) (2) Prime + Parallel Gro up 3-4 in Pattern 2, E xps 3-4 in NGC3982 (10)	1000 Secs (5342 Secs) [==>1321.0 Secs (Pattern 1)] [==>1321.0 Secs (Pattern 2)] [==>1350.0 Secs (Pattern 3)] [==>1350.0 Secs (Pattern 4)]	[2] [3]
	4	N3982-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 2, Exps 3-4 in NGC3982 (10) (2) Prime + Parallel Gro up 3-4 in Pattern 2, E xps 3-4 in NGC3982 (10)	1000 Secs (5405 Secs) [==>1354.0 Secs (Pattern 1)] [==>1331.0 Secs (Pattern 2)] [==>1360.0 Secs (Pattern 3)] [==>1360.0 Secs (Pattern 4)]	[2] [3]

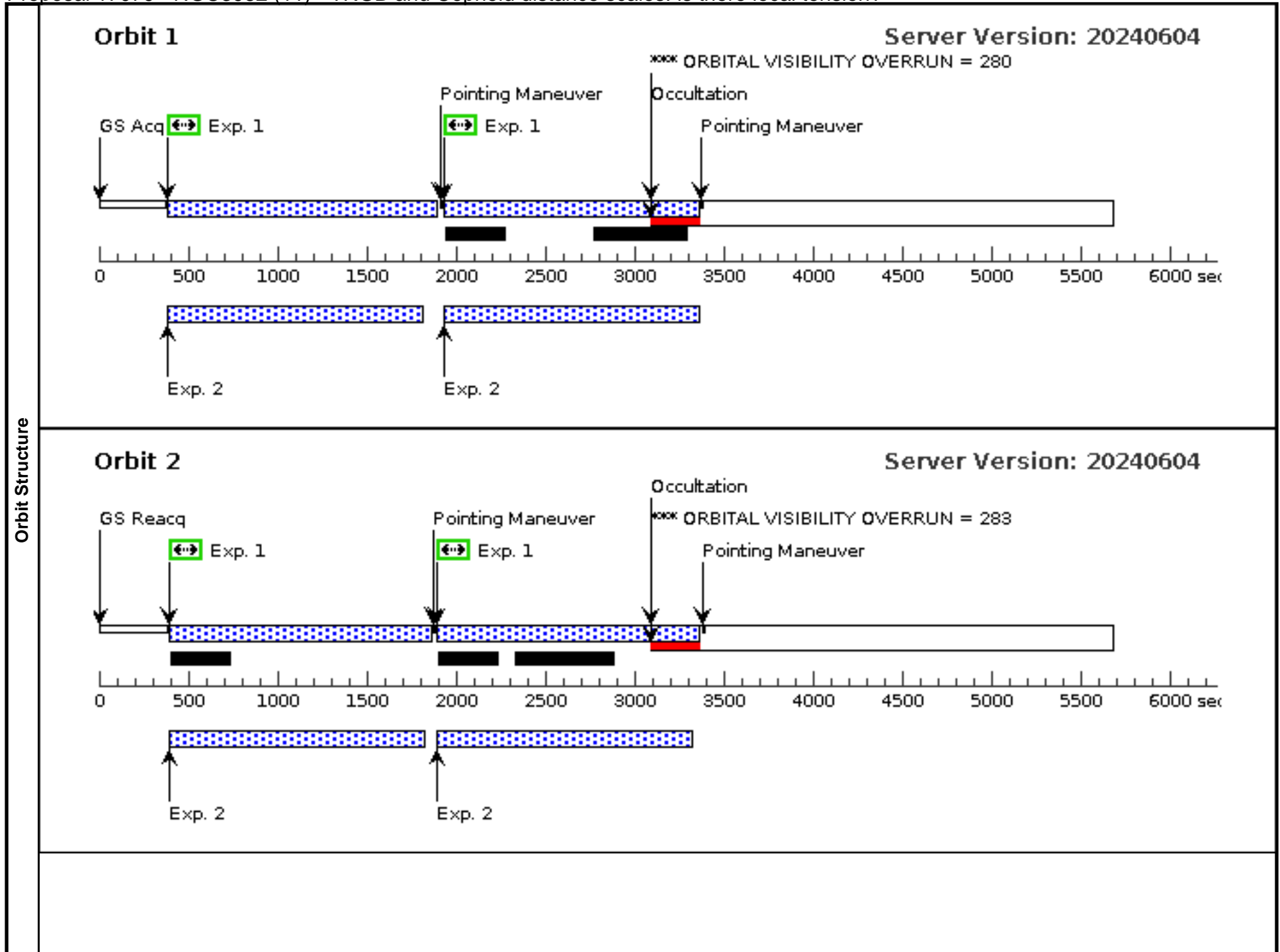


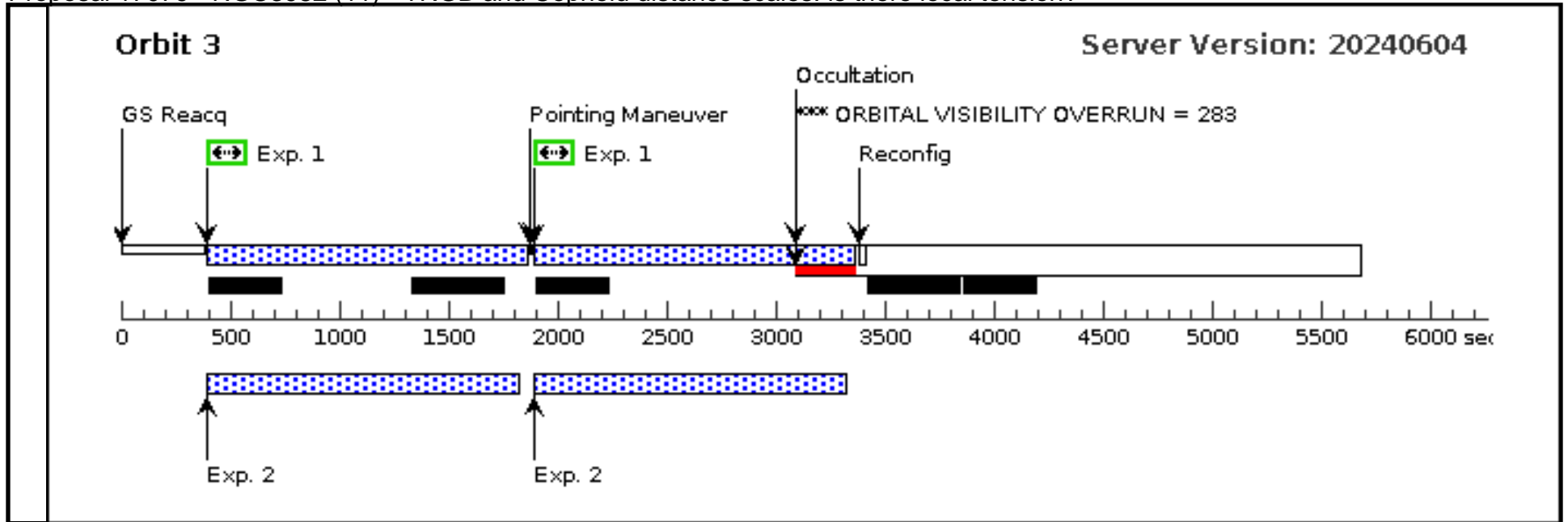


Proposal 17079 - NGC3982 (11) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC3982 (11), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 08									
	(NGC3982 (11)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (NGC3982 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC3982 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC3982 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Primary N3982-F606W (11.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios.									
Patterns	#	Primary Pattern		Secondary Pattern	Exposures					
	(3)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=6 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides= Center Pattern=false		(1-2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	NGC-3982	RA: 11 56 39.0000 (179.1625000d) Dec: +55 09 56.00 (55.16556d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL]	Epoch of Position: 2015.5	V=28.9+/-0.2	Reference Frame: SIMBAD				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N3982-F606 W	(2) NGC-3982	ACS/WFC, ACCUM, WFC	F606W		GS ACQ SCENARIO BASE1B3	Pattern 3, Exps 1-2 in NGC3982 (11) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC3982 (11)	1000 Secs (8006 Secs) [==>1309.0 Secs (Pattern 1)] [==>1309.0 Secs (Pattern 2)] [==>1347.0 Secs (Pattern 3)] [==>1347.0 Secs (Pattern 4)] [==>1347.0 Secs (Pattern 5)] [==>1347.0 Secs (Pattern 6)]	[1] [2] [3]
	2	N3982-F110 W	(2) NGC-3982	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=15; SAMP-SEQ=SPARS100		Pattern 3, Exps 1-2 in NGC3982 (11) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC3982 (11)	1402.936813 Secs (8417.621 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)] [==>(Pattern 6)]	[1] [2] [3]

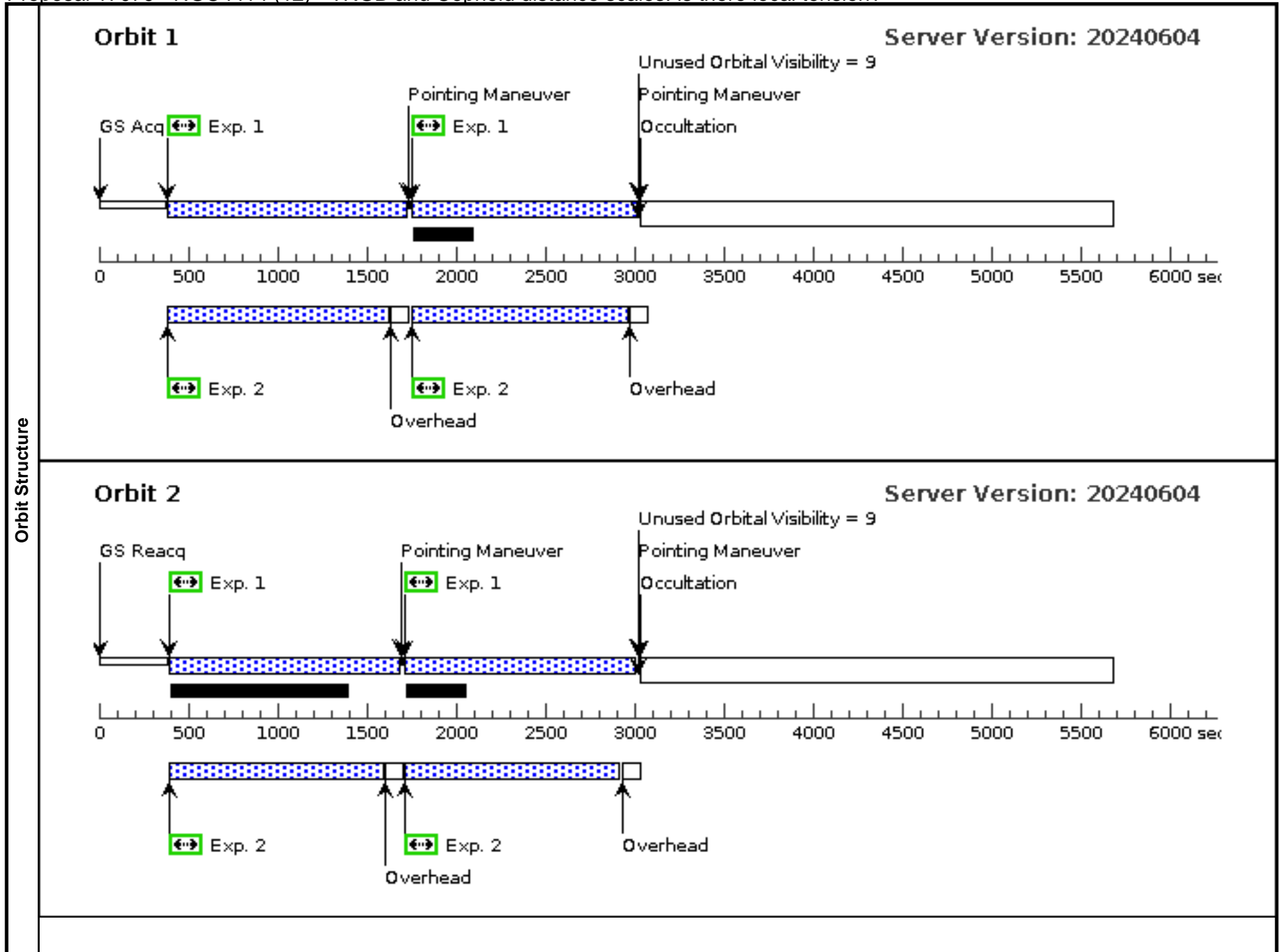


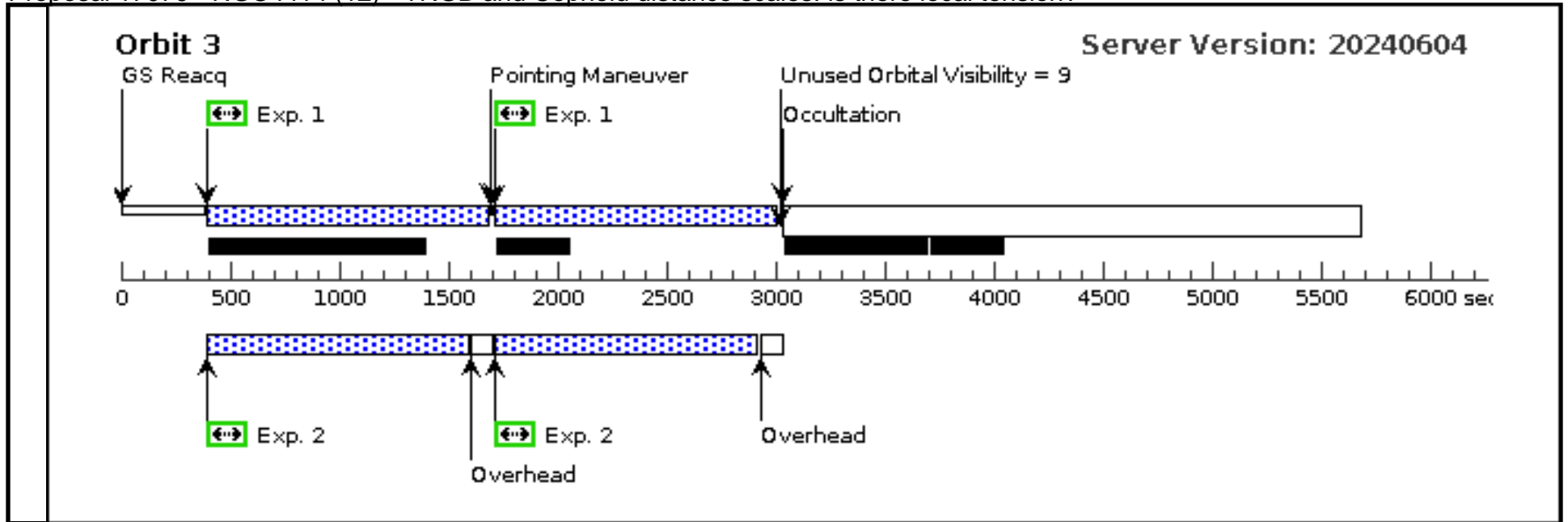


Proposal 17079 - NGC4414 (12) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC4414 (12), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 165D TO 188 D									
	(NGC4414 (12)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (Primary N4414-F814W (12.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios.									
Patterns	#	Primary Pattern		Secondary Pattern	Exposures					
	(3)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=6 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides= Center Pattern=false		(1-2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	NGC-4414	RA: 12 26 42.0000 (186.6750000d) Dec: +31 15 27.91 (31.25775d) Equinox: J2000	Epoch of Position: 2015.5	V=28.6+/-0.2	Reference Frame: SIMBAD				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, HALO, SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N4414-F814 W	(4) NGC-4414	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARIO BASE1B3	Pattern 3, Exps 1-2 in NGC4414 (12) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC4414 (12)	1000 Secs (6936 Secs) [==>1132.0 Secs (Pattern 1)] [==>1132.0 Secs (Pattern 2)] [==>1168.0 Secs (Pattern 3)] [==>1168.0 Secs (Pattern 4)] [==>1168.0 Secs (Pattern 5)] [==>1168.0 Secs (Pattern 6)]	[1] [2] [3]
	2	N4414-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 3, Exps 1-2 in NGC4414 (12) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC4414 (12)	1000 Secs (7220 Secs) [==>1212.0 Secs (Pattern 1)] [==>1212.0 Secs (Pattern 2)] [==>1199.0 Secs (Pattern 3)] [==>1199.0 Secs (Pattern 4)] [==>1199.0 Secs (Pattern 5)] [==>1199.0 Secs (Pattern 6)]	[1] [2] [3]





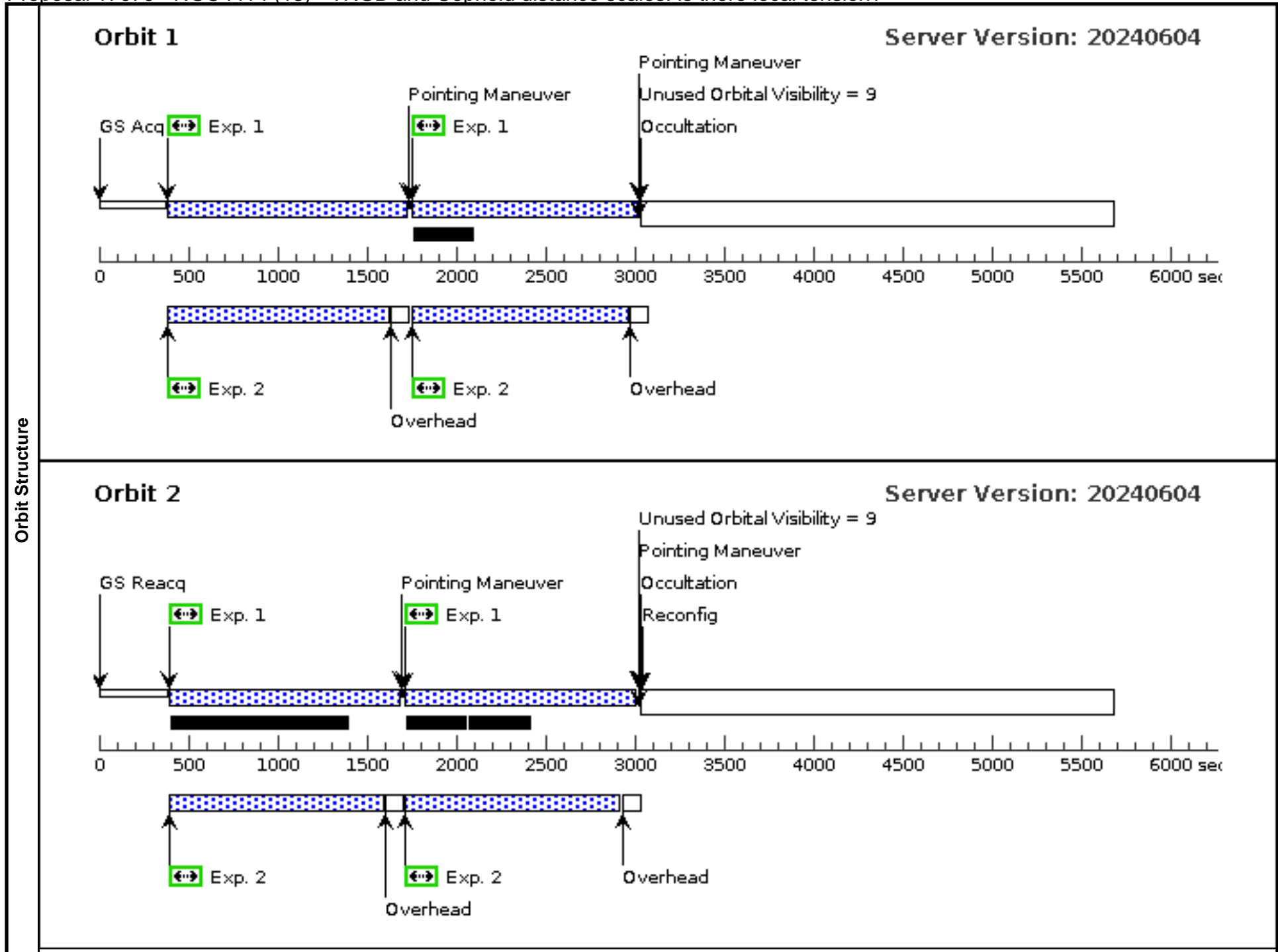
Proposal 17079 - NGC4414 (13) - TRGB and Cepheid distance scales: is there local tension?

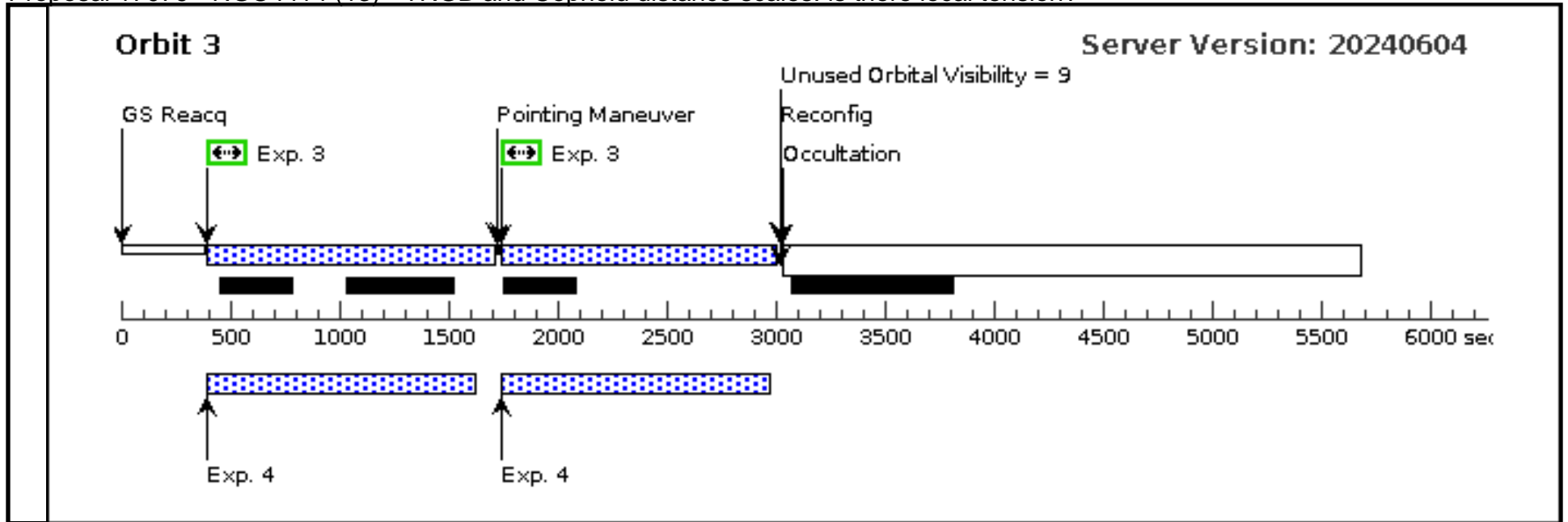
Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC4414 (13), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 12				
	(NGC4414 (13)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (Primary N4414-F814W (13.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios.				
Diagnosics					
Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(2)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.2637 Line Spacing=0.1856	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.02 Center Pattern=false		(1-2)
Fixed Targets	(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.2637 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(3-4)
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(4)	NGC-4414	RA: 12 26 42.0000 (186.6750000d) Dec: +31 15 27.91 (31.25775d) Equinox: J2000	Epoch of Position: 2015.5	V=28.6+/-0.2	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL]					

Proposal 17079 - NGC4414 (13) - TRGB and Cepheid distance scales: is there local tension?

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N4414-F814 W	(4) NGC-4414	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-2 in NGC4414 (13) (2)	1000 Secs (4600 Secs)	
								Prime + Parallel Group 1-2 in Pattern 2, Exps 1-2 in NGC4414 (13)	[==>1132.0 Secs (Pattern 1)] [==>1132.0 Secs (Pattern 2)]	[1]
									[==>1168.0 Secs (Pattern 3)] [==>1168.0 Secs (Pattern 4)]	[2]
2	N4414-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 2, Exps 1-2 in NGC4414 (13) (2)	1000 Secs (4822 Secs)		
							Prime + Parallel Group 1-2 in Pattern 2, Exps 1-2 in NGC4414 (13)	[==>1212.0 Secs (Pattern 1)] [==>1212.0 Secs (Pattern 2)]	[1]	
								[==>1199.0 Secs (Pattern 3)] [==>1199.0 Secs (Pattern 4)]	[2]	
3	N4414-F606 W	(4) NGC-4414	ACS/WFC, ACCUM, WFC	F606W			Pattern 4, Exps 3-4 in NGC4414 (13) (4)	1000 Secs (2282 Secs)		
							Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC4414 (13)	[==>1141.0 Secs (Pattern 1)] [==>1141.0 Secs (Pattern 2)]	[3]	
4	N4414-F110 W	(4) NGC-4414	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=13; SAMP-SEQ=SPARS100	Pattern 4, Exps 3-4 in NGC4414 (13) (4)	1202.936167 Secs (2405.872 Secs)		
							Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC4414 (13)	[==>(Pattern 1)] [==>(Pattern 2)]	[3]	

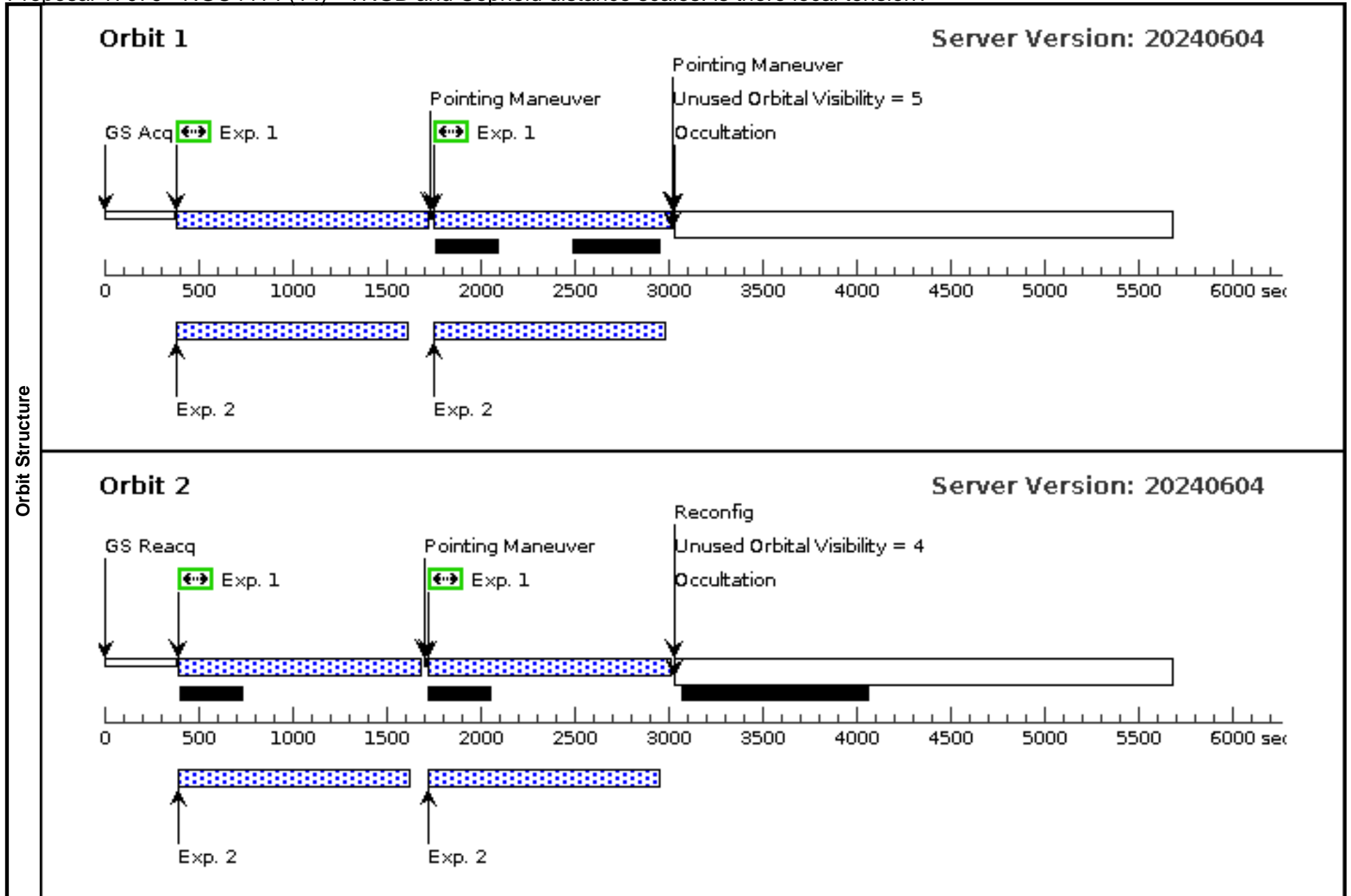




Proposal 17079 - NGC4414 (14) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:22 GMT 2024

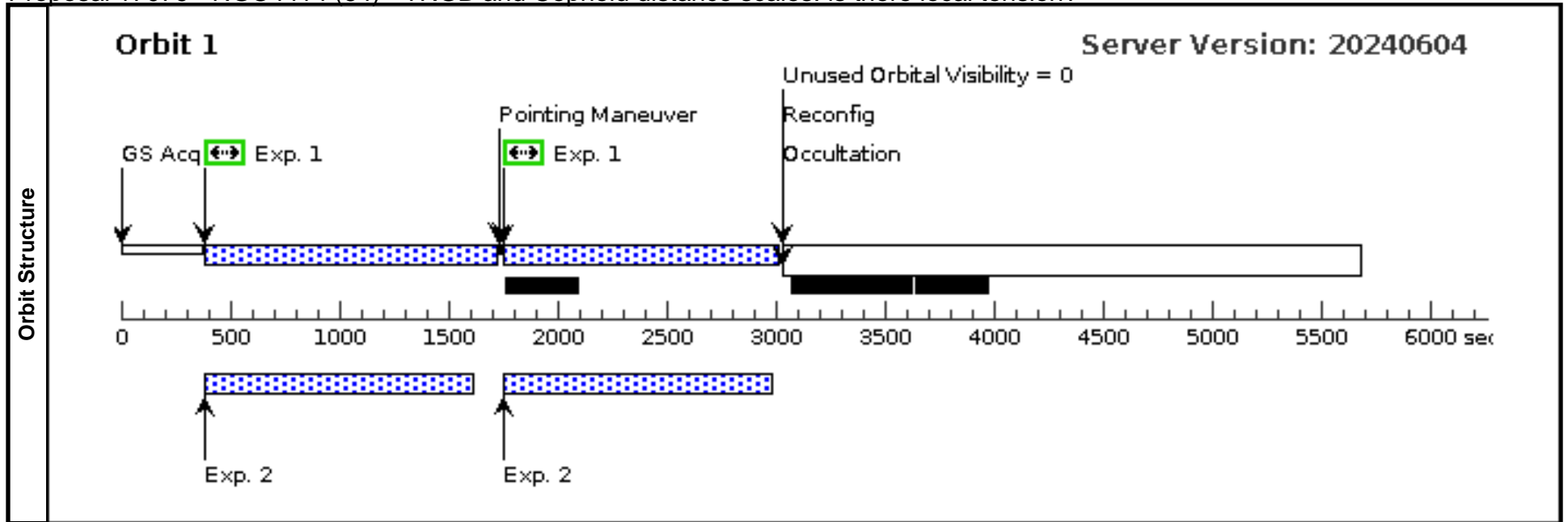
Visit	Proposal 17079, NGC4414 (14), failed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 12									
	(NGC4414 (14)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (Primary N4414-F606W (14.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios.									
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(2)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.2637 Line Spacing=0.1856 Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.02 Center Pattern=false		(1-2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	NGC-4414	RA: 12 26 42.0000 (186.6750000d) Dec: +31 15 27.91 (31.25775d) Equinox: J2000	Epoch of Position: 2015.5	V=28.6+/-0.2	Reference Frame: SIMBAD				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, HALO, SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N4414-F606W	(4) NGC-4414	ACS/WFC, ACCUM, WFC	F606W		GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-2 in NGC4414 (14) (2) Prime + Parallel Group 1-2 in Pattern 2, Exps 1-2 in NGC4414 (14)	1000 Secs (4610 Secs) [==>1134.0 Secs (Pattern 1)] [==>1134.0 Secs (Pattern 2)] [==>1171.0 Secs (Pattern 3)] [==>1171.0 Secs (Pattern 4)]	[1] [2]
	2	N4414-F110W	(4) NGC-4414	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=13; SAMP-SEQ=SPAR S100		Pattern 2, Exps 1-2 in NGC4414 (14) (2) Prime + Parallel Group 1-2 in Pattern 2, Exps 1-2 in NGC4414 (14)	1202.936167 Secs (4811.745 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1] [2]



Proposal 17079 - NGC4414 (64) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC4414 (64), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT -10D TO 10D FROM 12									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.2637 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	NGC-4414	RA: 12 26 42.0000 (186.6750000d) Dec: +31 15 27.91 (31.25775d) Equinox: J2000	Epoch of Position: 2015.5	V=28.6+/-0.2	Reference Frame: SIMBAD				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N4414-F606 W	(4) NGC-4414	ACS/WFC, ACCUM, WFC	F606W		GS ACQ SCENARIO BASE103	Pattern 4, Exps 1-2 in NGC4414 (64) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC4414 (64)	1000 Secs (2276 Secs) [==>1138.0 Secs (Pattern 1)] [==>1138.0 Secs (Pattern 2)]	[1]
2	N4414-F110 W	(4) NGC-4414	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=13; SAMP-SEQ=SPARS100	Pattern 4, Exps 1-2 in NGC4414 (64) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC4414 (64)	1202.936167 Secs (2405.872 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]	



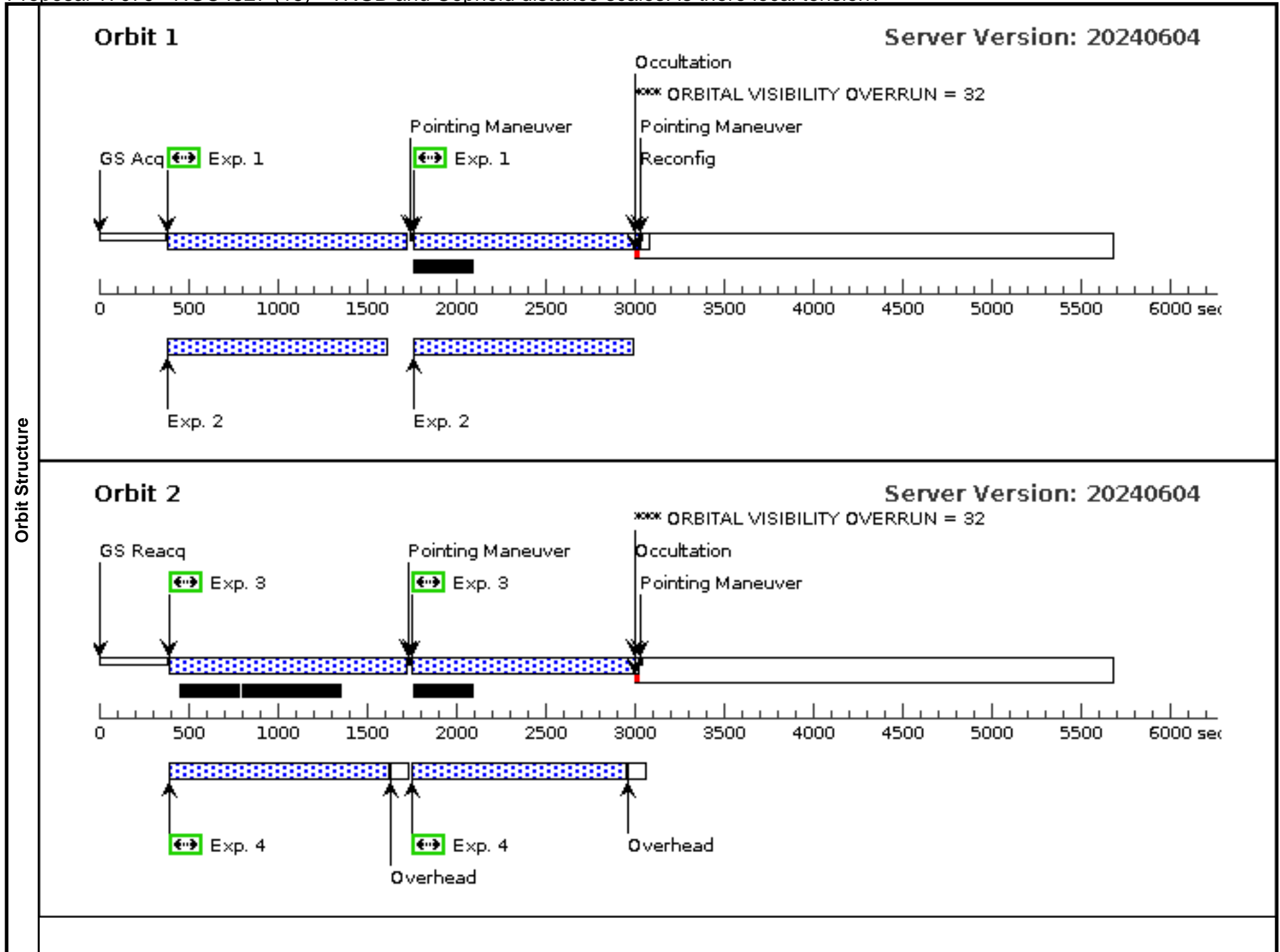
Proposal 17079 - NGC4527 (15) - TRGB and Cepheid distance scales: is there local tension?

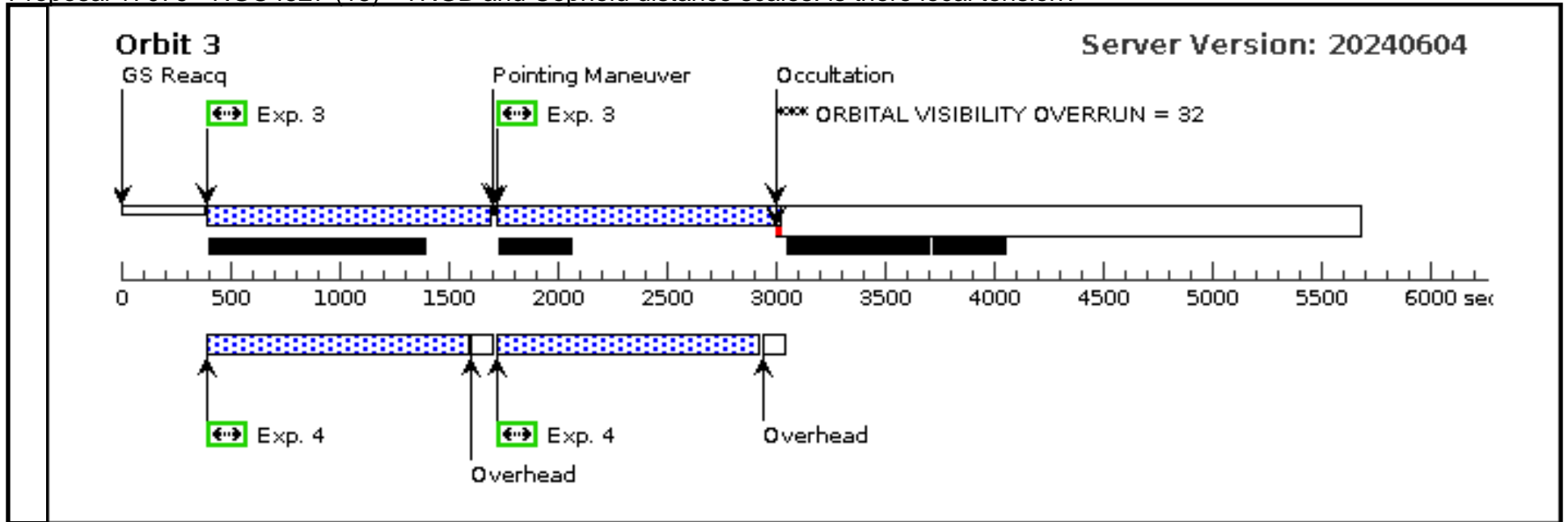
Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC4527 (15), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 250D TO 260 D					
	Diagnosics (NGC4527 (15)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (NGC4527 (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4527 (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4527 (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Primary N4527-F606W (15.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios.					
Patterns	#	Primary Pattern		Secondary Pattern	Exposures	
	(2)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.2637 Line Spacing=0.1856	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.02 Center Pattern=false		(3-4)	
Patterns	(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.2637 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1-2)	
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
Fixed Targets	(5)	NGC-4527	RA: 12 34 23.0000 (188.5958333d) Dec: +02 38 20.00 (2.63889d) Equinox: J2000	Epoch of Position: 2015.5	V=28.0+/-0.2	Reference Frame: SIMBAD
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL]					

Proposal 17079 - NGC4527 (15) - TRGB and Cepheid distance scales: is there local tension?

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N4527-F606 W	(5) NGC-4527	ACS/WFC, ACCUM, WFC	F606W		GS ACQ SCENARIO BASE1B3	Pattern 4, Exps 1-2 in NGC4527 (15) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC4527 (15)	1000 Secs (2276 Secs) [=>1138.0 Secs (Pattern 1)] [=>1138.0 Secs (Pattern 2)]	[1]
	2	N4527-F110 W	(5) NGC-4527	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=13; SAMP-SEQ=SPARS100		Pattern 4, Exps 1-2 in NGC4527 (15) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC4527 (15)	1202.936167 Secs (2405.872 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]
	3	N4527-F814 W	(5) NGC-4527	ACS/WFC, ACCUM, WFC	F814W			Pattern 2, Exps 3-4 in NGC4527 (15) (2) Prime + Parallel Group 3-4 in Pattern 2, Exps 3-4 in NGC4527 (15)	1000 Secs (4642 Secs)	
									[=>1147.0 Secs (Pattern 1)]	[2]
									[=>1147.0 Secs (Pattern 2)]	
								[=>1174.0 Secs (Pattern 3)]	[3]	
								[=>1174.0 Secs (Pattern 4)]		
	4	N4527-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 2, Exps 3-4 in NGC4527 (15) (2) Prime + Parallel Group 3-4 in Pattern 2, Exps 3-4 in NGC4527 (15)	1000 Secs (4810 Secs)	
									[=>1200.0 Secs (Pattern 1)]	[2]
[=>1200.0 Secs (Pattern 2)]										
[=>1205.0 Secs (Pattern 3)]									[3]	
							[=>1205.0 Secs (Pattern 4)]			





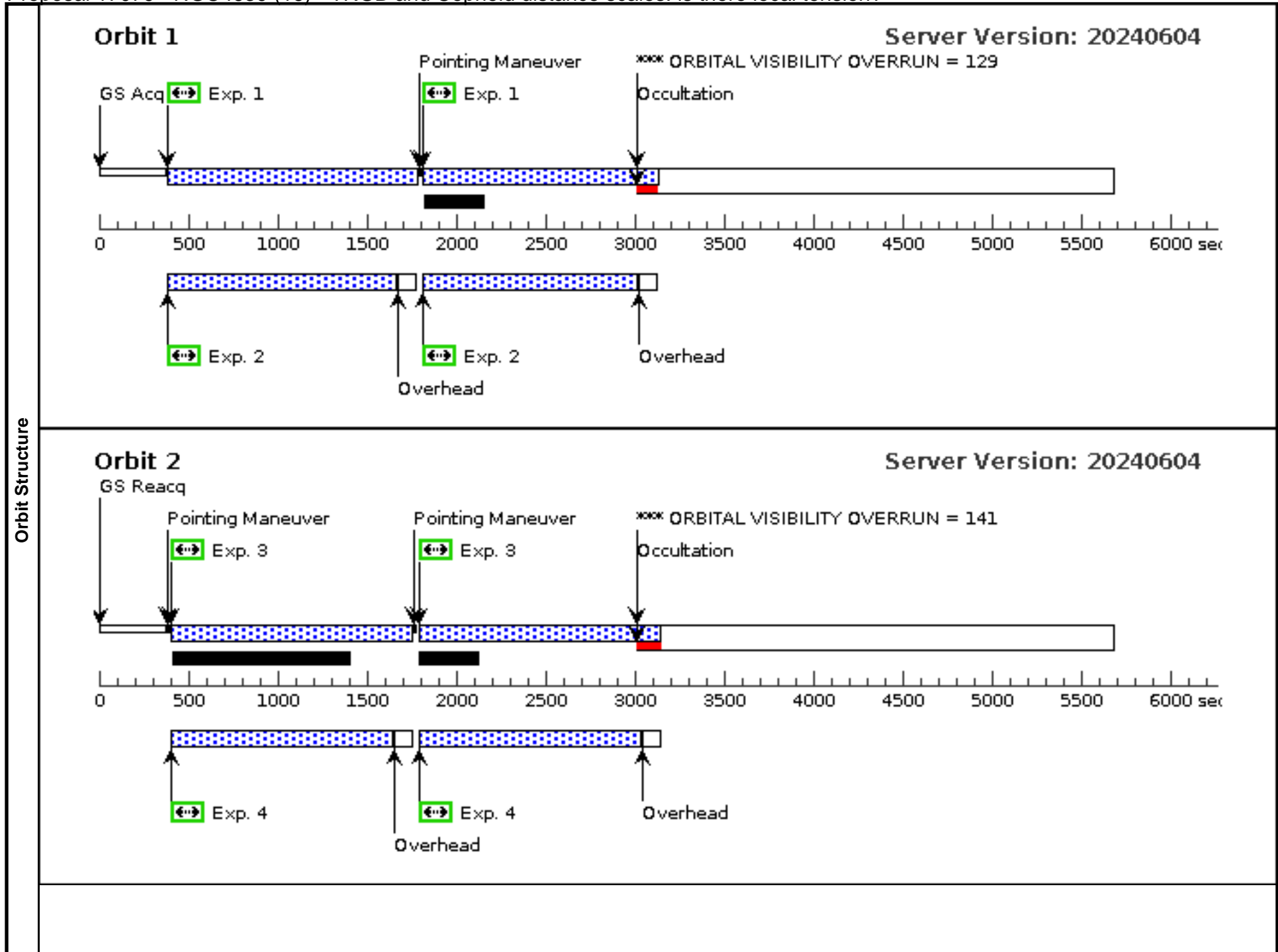
Proposal 17079 - NGC4639 (16) - TRGB and Cepheid distance scales: is there local tension?

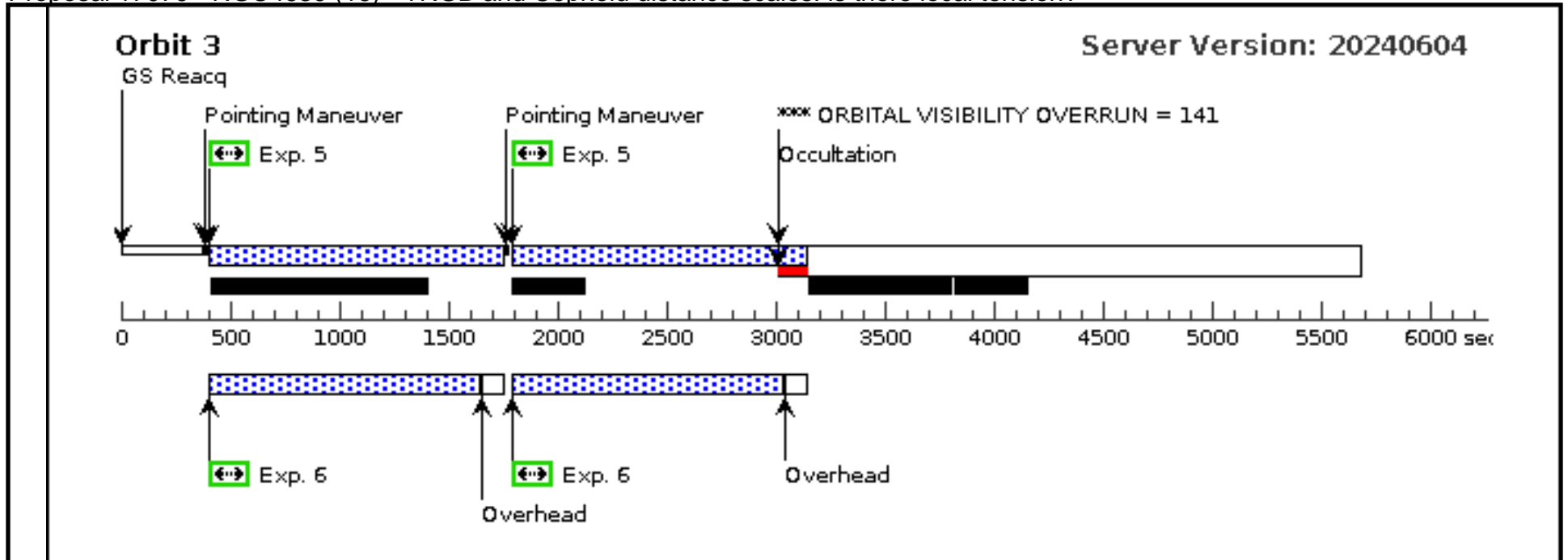
Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC4639 (16), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 125D TO 135 D					
	Diagnosics (NGC4639 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4639 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4639 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	(1-2), (3-4), (5-6)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	NGC-4639	RA: 12 42 46.0000 (190.6916667d) Dec: +13 13 23.00 (13.22306d) Equinox: J2000	Epoch of Position: 2015.5	V=29.0+/-0.2	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, HALO, SPIRAL]						

Proposal 17079 - NGC4639 (16) - TRGB and Cepheid distance scales: is there local tension?

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N4639-F814 W	(6) NGC-4639	ACS/WFC, ACCUM, WFC	F814W			Pattern 1, Exps 1-2 in NGC4639 (16) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4639 (16)	1000 Secs (2384 Secs) [==>1192.0 Secs (Pattern 1)] [==>1192.0 Secs (Pattern 2)]	[1]
	2	N4639-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 1, Exps 1-2 in NGC4639 (16) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4639 (16)	1000 Secs (2454 Secs) [==>1252.0 Secs (Pattern 1)] [==>1202.0 Secs (Pattern 2)]	[1]
	3	N4639-F814 W	(6) NGC-4639	ACS/WFC, ACCUM, WFC	F814W			Pattern 1, Exps 3-4 in NGC4639 (16) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in NGC4639 (16)	1000 Secs (2456 Secs) [==>1228.0 Secs (Pattern 1)] [==>1228.0 Secs (Pattern 2)]	[2]
	4	N4639-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 1, Exps 3-4 in NGC4639 (16) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in NGC4639 (16)	1000 Secs (2476 Secs) [==>1238.0 Secs (Pattern 1)] [==>1238.0 Secs (Pattern 2)]	[2]
	5	N4639-F814 W	(6) NGC-4639	ACS/WFC, ACCUM, WFC	F814W			Pattern 1, Exps 5-6 in NGC4639 (16) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in NGC4639 (16)	1000 Secs (2456 Secs) [==>1228.0 Secs (Pattern 1)] [==>1228.0 Secs (Pattern 2)]	[3]
	6	N4639-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 1, Exps 5-6 in NGC4639 (16) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in NGC4639 (16)	1000 Secs (2476 Secs) [==>1238.0 Secs (Pattern 1)] [==>1238.0 Secs (Pattern 2)]	[3]





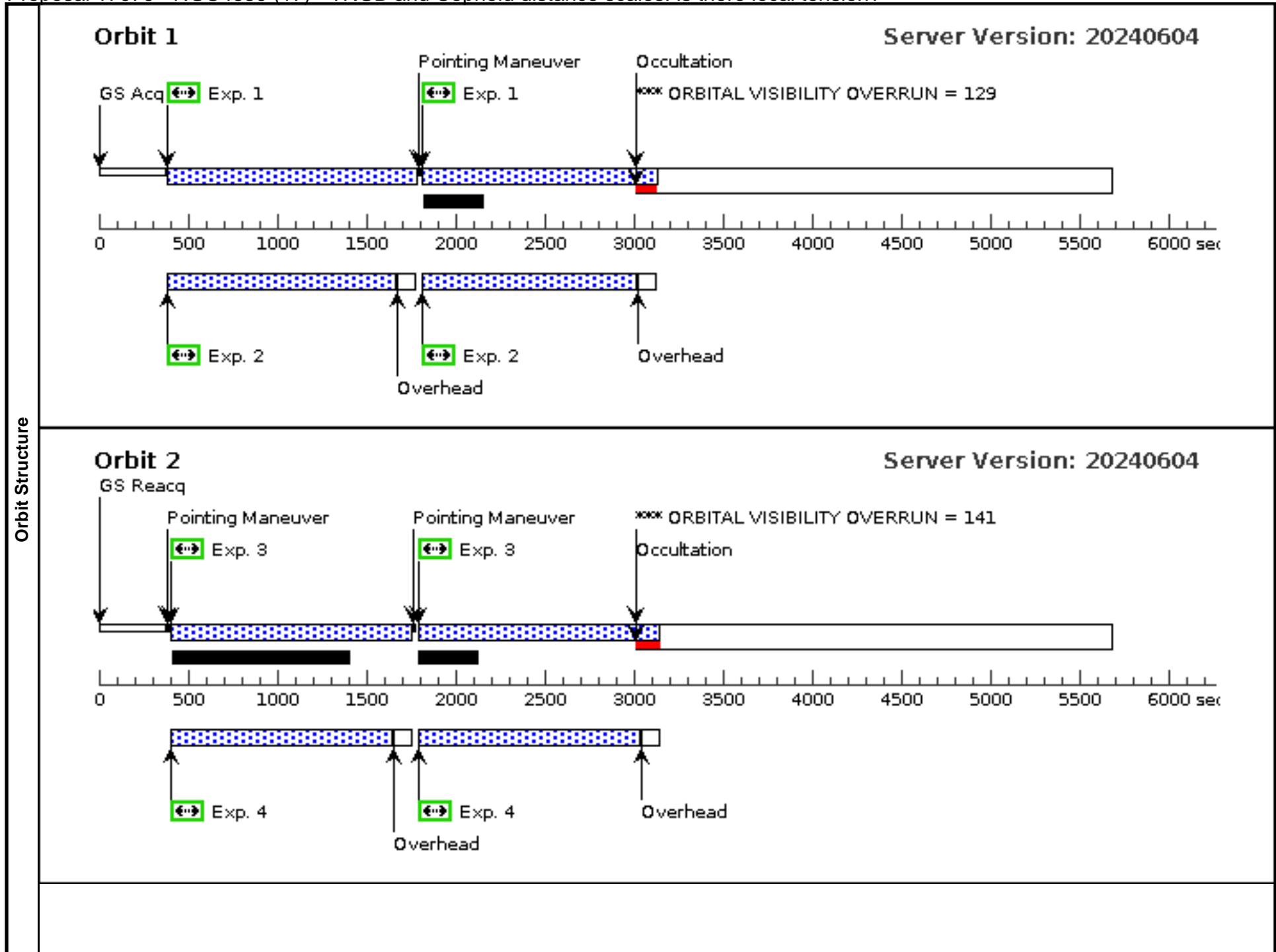
Proposal 17079 - NGC4639 (17) - TRGB and Cepheid distance scales: is there local tension?

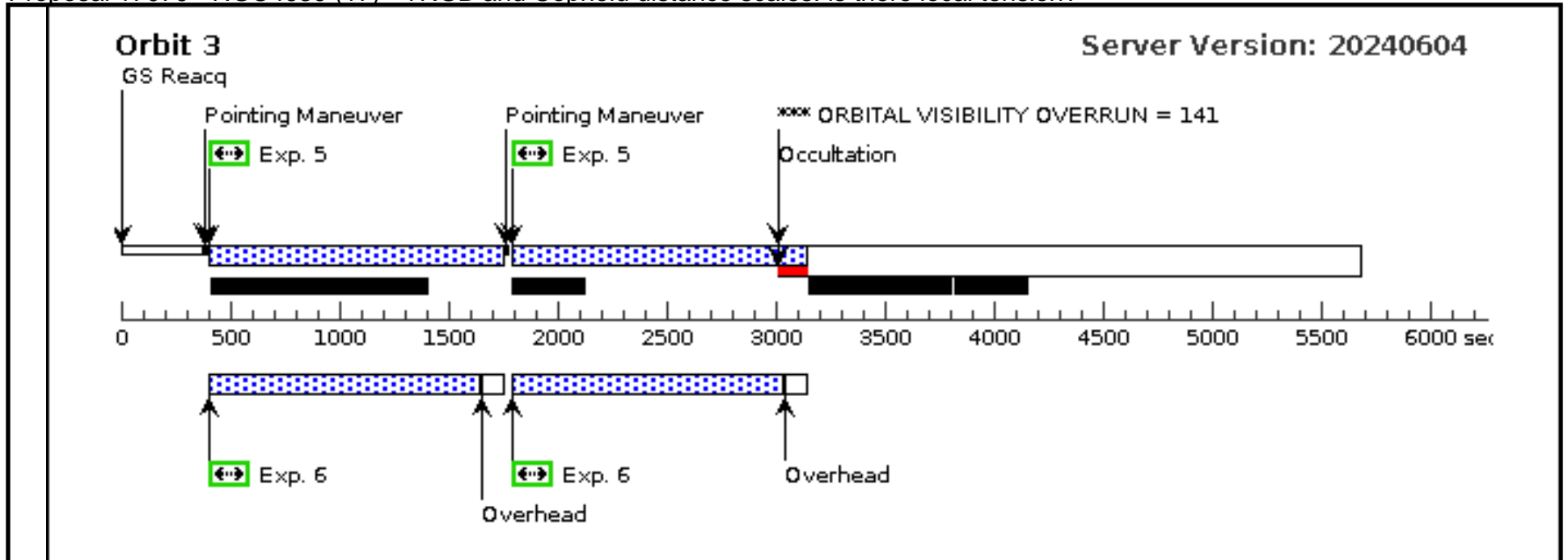
Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC4639 (17), failed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 16					
	Diagnosics (NGC4639 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4639 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4639 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	NGC-4639	RA: 12 42 46.0000 (190.6916667d) Dec: +13 13 23.00 (13.22306d) Equinox: J2000	Epoch of Position: 2015.5	V=29.0+/-0.2	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, HALO, SPIRAL]						

Proposal 17079 - NGC4639 (17) - TRGB and Cepheid distance scales: is there local tension?

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	N4639-F814 W	(6) NGC-4639	ACS/WFC, ACCUM, WFC	F814W				Pattern 1, Exps 1-2 in NGC4639 (17) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4639 (17)	1000 Secs (2384 Secs) [==>1192.0 Secs (Pattern 1)] [==>1192.0 Secs (Pattern 2)]	[1]
	2	N4639-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W				Pattern 1, Exps 1-2 in NGC4639 (17) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4639 (17)	1308 Secs (2454 Secs) [==>1252.0 Secs (Pattern 1)] [==>1202.0 Secs (Pattern 2)]	[1]
	3	N4639-F814 W	(6) NGC-4639	ACS/WFC, ACCUM, WFC	F814W				Pattern 1, Exps 3-4 in NGC4639 (17) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in NGC4639 (17)	1000 Secs (2456 Secs) [==>1228.0 Secs (Pattern 1)] [==>1228.0 Secs (Pattern 2)]	[2]
	4	N4639-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W				Pattern 1, Exps 3-4 in NGC4639 (17) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in NGC4639 (17)	1000 Secs (2476 Secs) [==>1238.0 Secs (Pattern 1)] [==>1238.0 Secs (Pattern 2)]	[2]
	5	N4639-F814 W	(6) NGC-4639	ACS/WFC, ACCUM, WFC	F814W				Pattern 1, Exps 5-6 in NGC4639 (17) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in NGC4639 (17)	1000 Secs (2456 Secs) [==>1228.0 Secs (Pattern 1)] [==>1228.0 Secs (Pattern 2)]	[3]
	6	N4639-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W				Pattern 1, Exps 5-6 in NGC4639 (17) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in NGC4639 (17)	1000 Secs (2476 Secs) [==>1238.0 Secs (Pattern 1)] [==>1238.0 Secs (Pattern 2)]	[3]

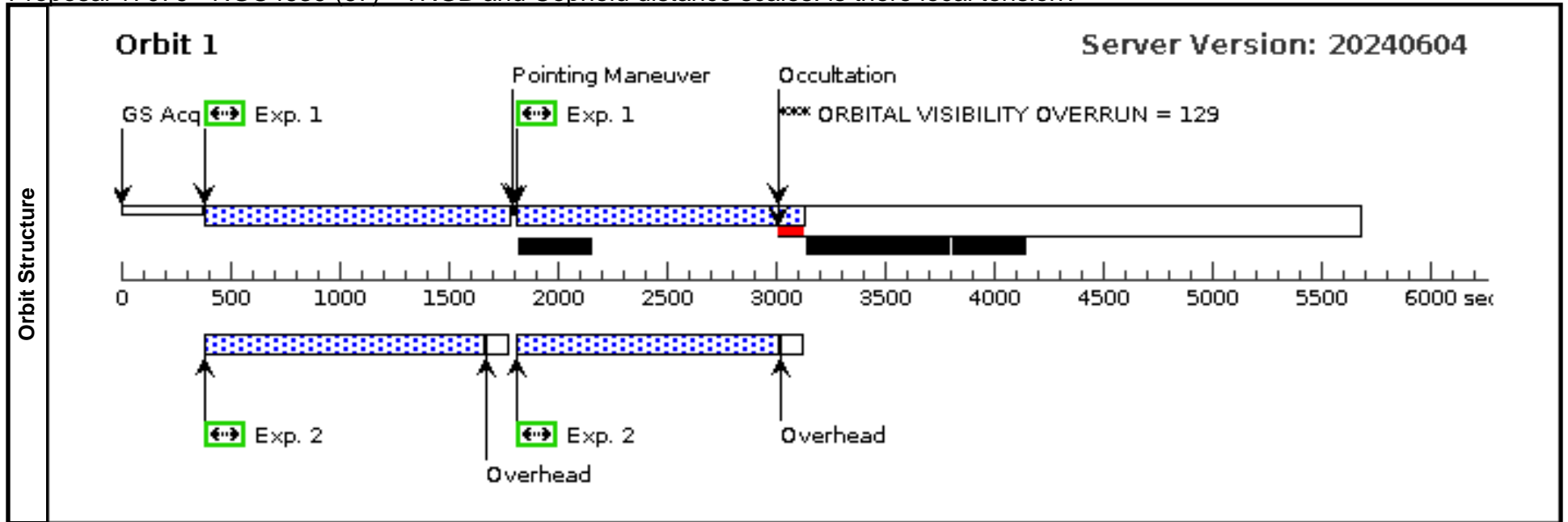




Proposal 17079 - NGC4639 (67) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC4639 (67), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 125D TO 135 D									
	(NGC4639 (67)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnosics										
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1-2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	NGC-4639	RA: 12 42 46.0000 (190.6916667d) Dec: +13 13 23.00 (13.22306d) Equinox: J2000	Epoch of Position: 2015.5	V=29.0+/-0.2	Reference Frame: SIMBAD				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N4639-F814 W	(6) NGC-4639	ACS/WFC, ACCUM, WFC	F814W			Pattern 1, Exps 1-2 in NGC4639 (67) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4639 (67)	1000 Secs (2384 Secs) [==>1192.0 Secs (Pattern 1)] [==>1192.0 Secs (Pattern 2)]	[1]
	2	N4639-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 1, Exps 1-2 in NGC4639 (67) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4639 (67)	1308 Secs (2454 Secs) [==>1252.0 Secs (Pattern 1)] [==>1202.0 Secs (Pattern 2)]	[1]



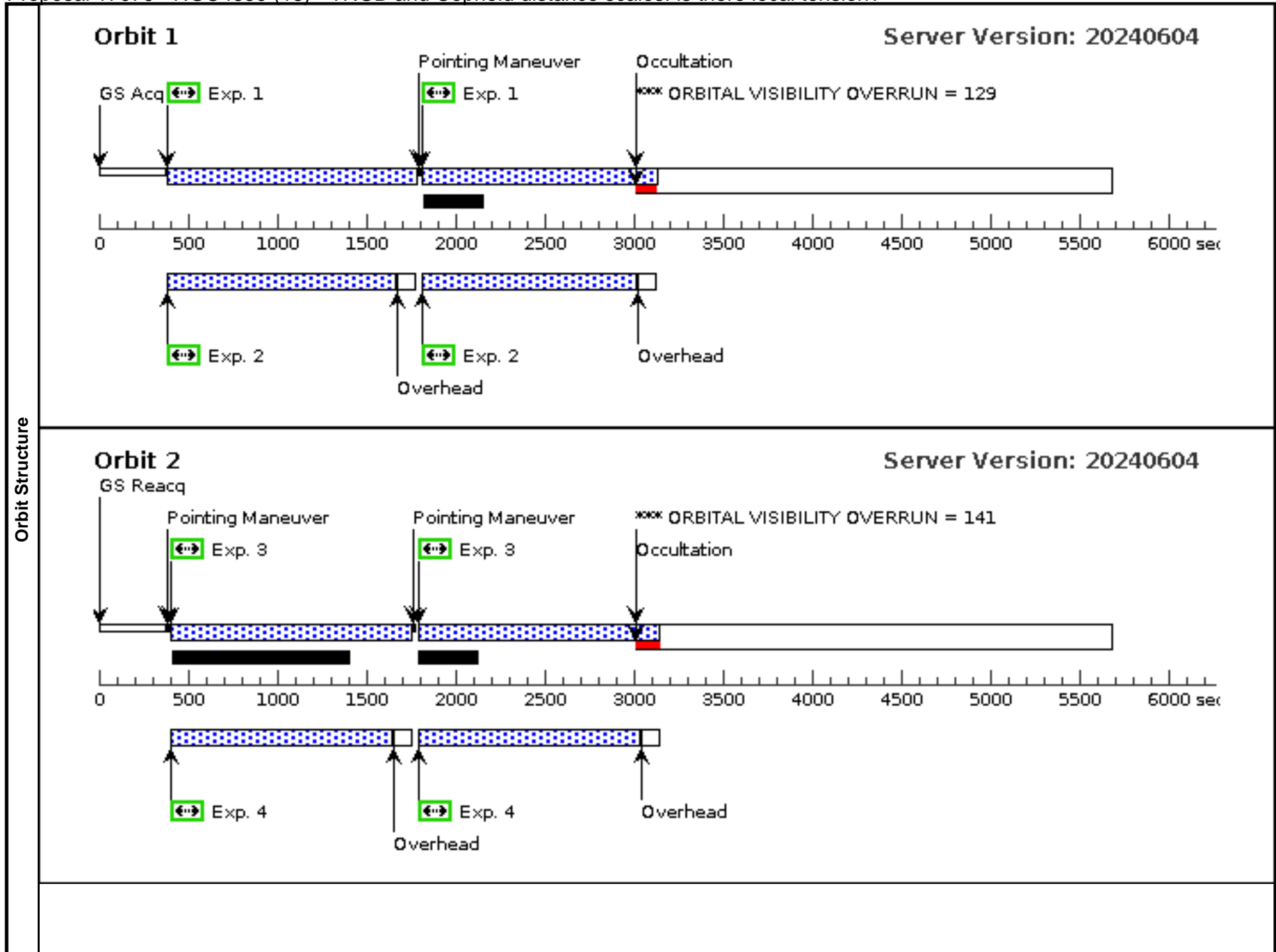
Proposal 17079 - NGC4639 (18) - TRGB and Cepheid distance scales: is there local tension?

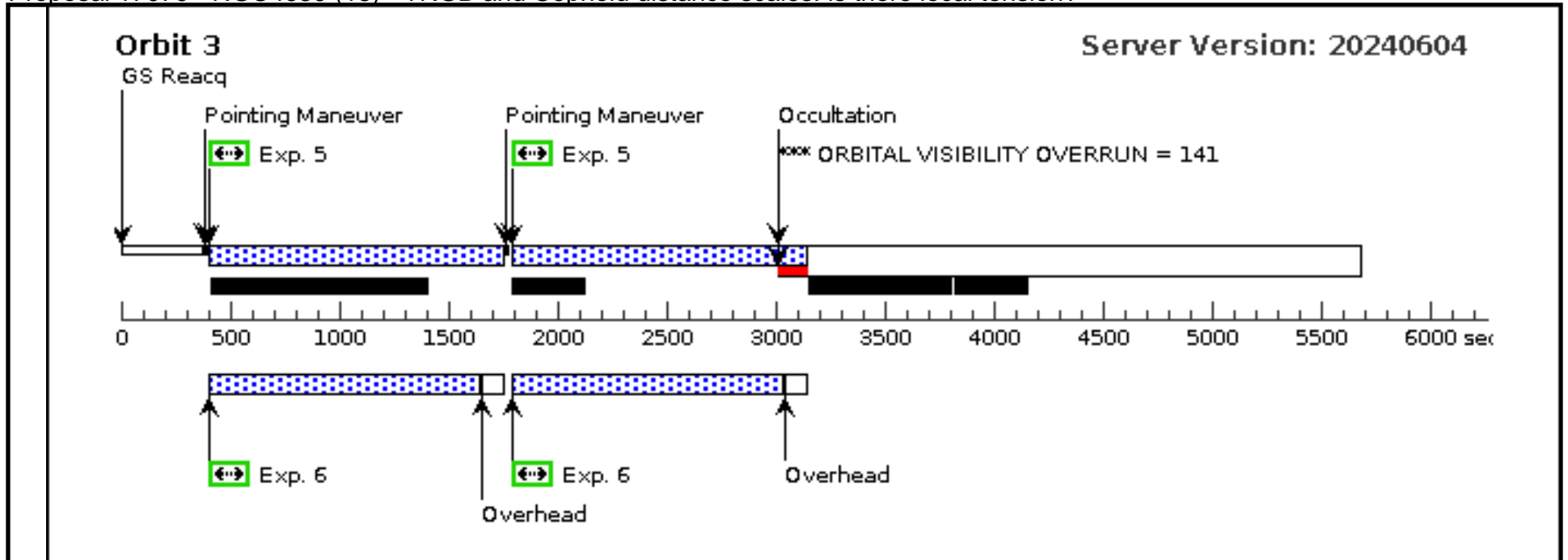
Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC4639 (18), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 16					
	Diagnosics (NGC4639 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4639 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4639 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	(1-2), (3-4), (5-6)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	NGC-4639	RA: 12 42 46.0000 (190.6916667d) Dec: +13 13 23.00 (13.22306d) Equinox: J2000	Epoch of Position: 2015.5	V=29.0+/-0.2	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, HALO, SPIRAL]						

Proposal 17079 - NGC4639 (18) - TRGB and Cepheid distance scales: is there local tension?

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	N4639-F814 W	(6) NGC-4639	ACS/WFC, ACCUM, WFC	F814W				Pattern 1, Exps 1-2 in NGC4639 (18) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4639 (18)	1000 Secs (2384 Secs) [==>1192.0 Secs (Pattern 1)] [==>1192.0 Secs (Pattern 2)]	[1]
	2	N4639-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W				Pattern 1, Exps 1-2 in NGC4639 (18) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4639 (18)	1000 Secs (2454 Secs) [==>1252.0 Secs (Pattern 1)] [==>1202.0 Secs (Pattern 2)]	[1]
	3	N4639-F814 W	(6) NGC-4639	ACS/WFC, ACCUM, WFC	F814W				Pattern 1, Exps 3-4 in NGC4639 (18) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in NGC4639 (18)	1000 Secs (2456 Secs) [==>1228.0 Secs (Pattern 1)] [==>1228.0 Secs (Pattern 2)]	[2]
	4	N4639-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W				Pattern 1, Exps 3-4 in NGC4639 (18) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in NGC4639 (18)	1000 Secs (2476 Secs) [==>1238.0 Secs (Pattern 1)] [==>1238.0 Secs (Pattern 2)]	[2]
	5	N4639-F814 W	(6) NGC-4639	ACS/WFC, ACCUM, WFC	F814W				Pattern 1, Exps 5-6 in NGC4639 (18) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in NGC4639 (18)	1000 Secs (2456 Secs) [==>1228.0 Secs (Pattern 1)] [==>1228.0 Secs (Pattern 2)]	[3]
	6	N4639-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W				Pattern 1, Exps 5-6 in NGC4639 (18) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in NGC4639 (18)	1000 Secs (2476 Secs) [==>1238.0 Secs (Pattern 1)] [==>1238.0 Secs (Pattern 2)]	[3]





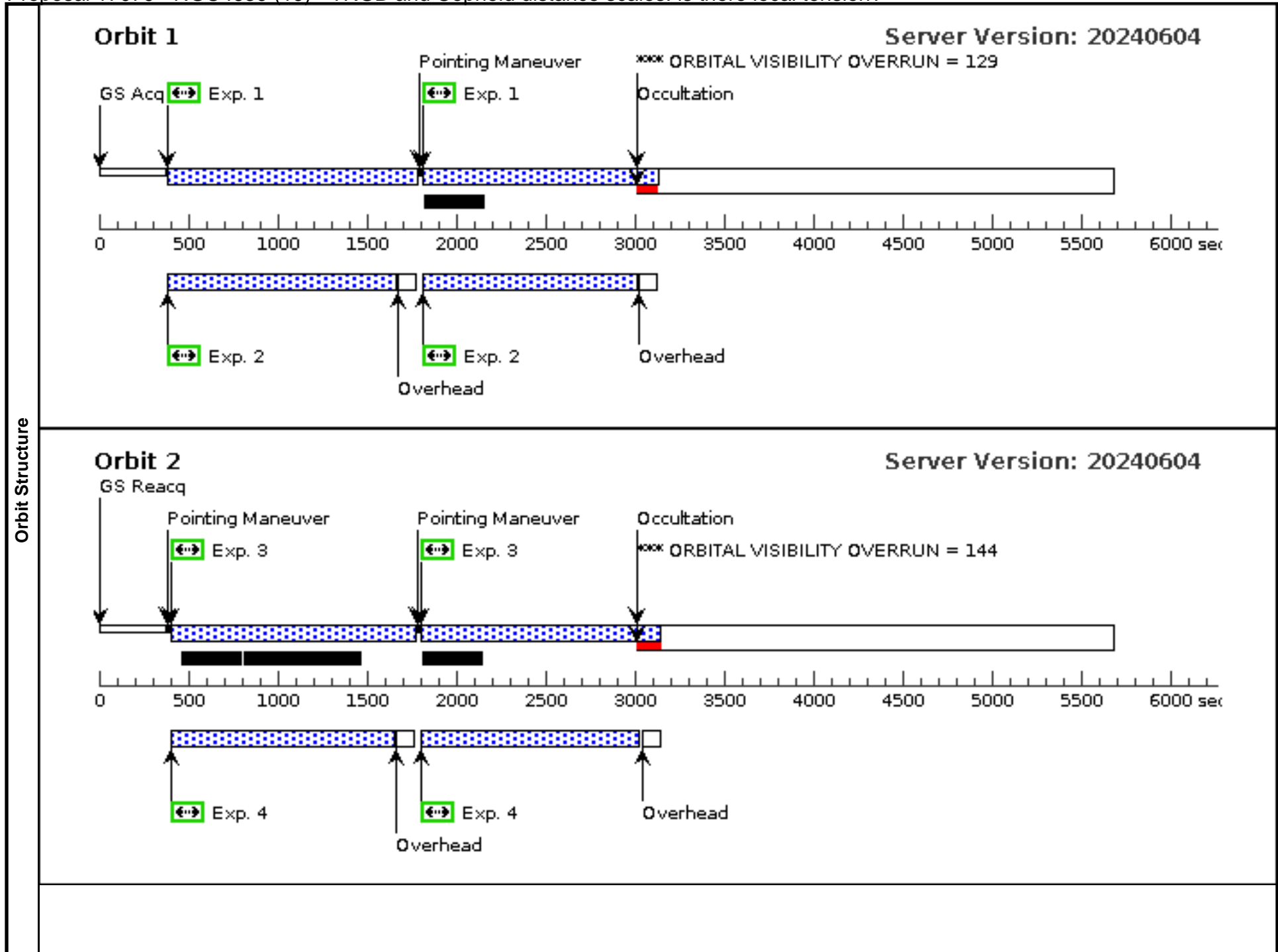
Proposal 17079 - NGC4639 (19) - TRGB and Cepheid distance scales: is there local tension?

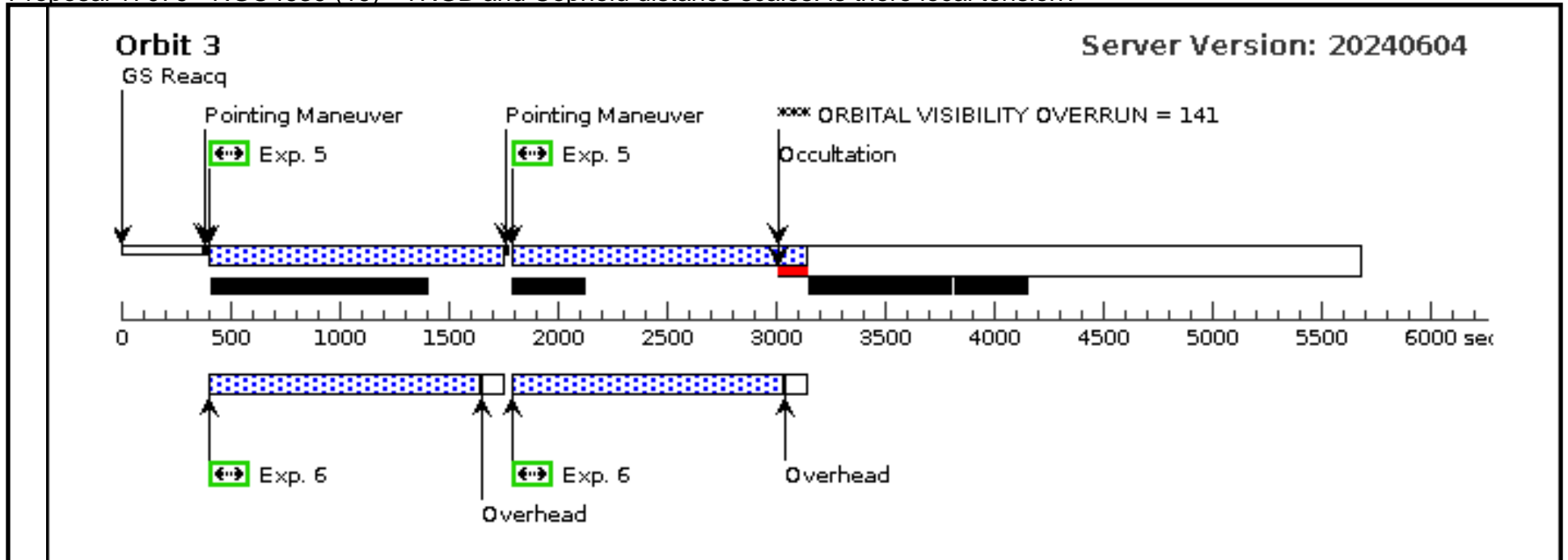
Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC4639 (19), failed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 16					
	Diagnosics (NGC4639 (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4639 (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4639 (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	NGC-4639	RA: 12 42 46.0000 (190.6916667d) Dec: +13 13 23.00 (13.22306d) Equinox: J2000	Epoch of Position: 2015.5	V=29.0+/-0.2	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, HALO, SPIRAL]						

Proposal 17079 - NGC4639 (19) - TRGB and Cepheid distance scales: is there local tension?

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	N4639-F814 (6) NGC-4639 W	ACS/WFC, ACCUM, WFC	F814W			Pattern 1, Exps 1-2 in NGC4639 (19) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4639 (19)	1000 Secs (2384 Secs) [==>1192.0 Secs (Pattern 1)] [==>1192.0 Secs (Pattern 2)]	[1]
	2	N4639-F814 ANY W	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 1, Exps 1-2 in NGC4639 (19) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4639 (19)	1000 Secs (2454 Secs) [==>1252.0 Secs (Pattern 1)] [==>1202.0 Secs (Pattern 2)]	[1]
	3	N4639-F606 (6) NGC-4639 W	ACS/WFC, ACCUM, WFC	F606W			Pattern 1, Exps 3-4 in NGC4639 (19) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in NGC4639 (19)	1000 Secs (2404 Secs) [==>1190.0 Secs (Pattern 1)] [==>1214.0 Secs (Pattern 2)]	[2]
	4	N4639-F606 ANY W	WFC3/UVIS, ACCUM, UVIS	F606W			Pattern 1, Exps 3-4 in NGC4639 (19) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in NGC4639 (19)	1000 Secs (2456 Secs) [==>1232.0 Secs (Pattern 1)] [==>1224.0 Secs (Pattern 2)]	[2]
	5	N4639-F606 (6) NGC-4639 W	ACS/WFC, ACCUM, WFC	F606W			Pattern 1, Exps 5-6 in NGC4639 (19) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in NGC4639 (19)	1000 Secs (2456 Secs) [==>1228.0 Secs (Pattern 1)] [==>1228.0 Secs (Pattern 2)]	[3]
	6	N4639-F606 (6) NGC-4639 W	WFC3/UVIS, ACCUM, UVIS	F606W			Pattern 1, Exps 5-6 in NGC4639 (19) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in NGC4639 (19)	1000 Secs (2476 Secs) [==>1238.0 Secs (Pattern 1)] [==>1238.0 Secs (Pattern 2)]	[3]

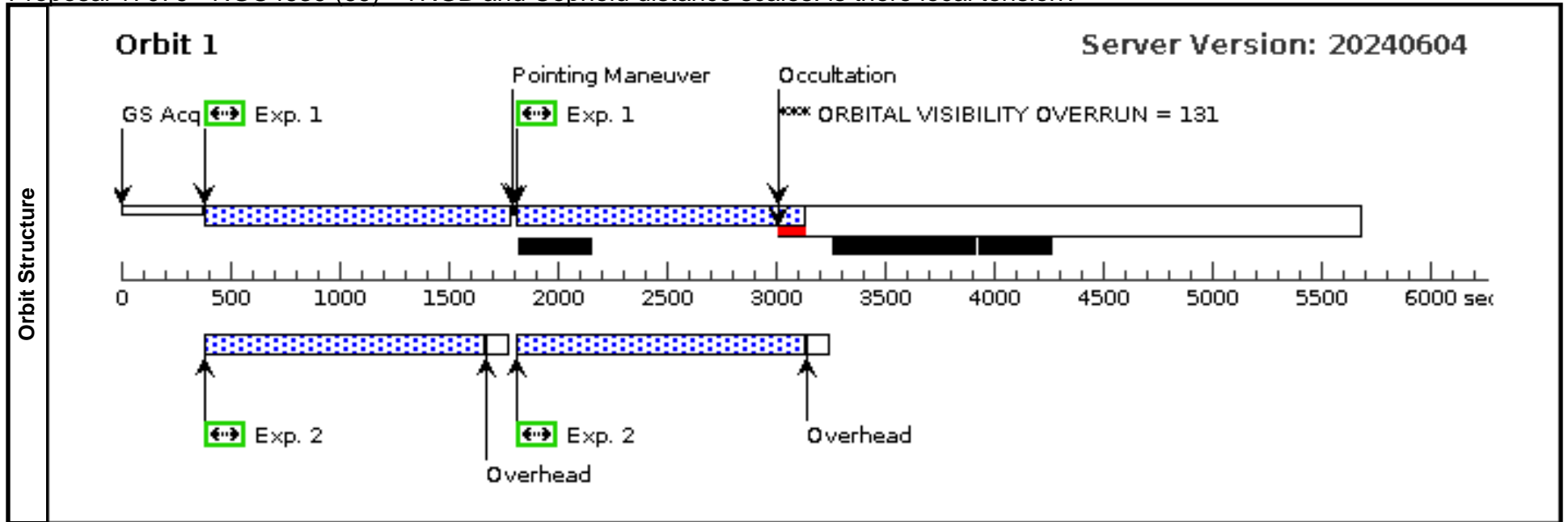




Proposal 17079 - NGC4639 (69) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC4639 (69), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 125D TO 135 D									
	Diagnosics (NGC4639 (69)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1-2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	NGC-4639	RA: 12 42 46.0000 (190.6916667d) Dec: +13 13 23.00 (13.22306d) Equinox: J2000	Epoch of Position: 2015.5	V=29.0+/-0.2	Reference Frame: SIMBAD				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, HALO, SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N4639-F606 W	(6) NGC-4639	ACS/WFC, ACCUM, WFC	F606W			Pattern 1, Exps 1-2 in NGC4639 (69) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4639 (69)	1000 Secs (2386 Secs) [==>1193.0 Secs (Pattern 1)] [==>1193.0 Secs (Pattern 2)]	[1]
	2	N4639-F606 W	(6) NGC-4639	WFC3/UVIS, ACCUM, UVIS	F606W			Pattern 1, Exps 1-2 in NGC4639 (69) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4639 (69)	1000 Secs (2572 Secs) [==>1253.0 Secs (Pattern 1)] [==>1319.0 Secs (Pattern 2)]	[1]



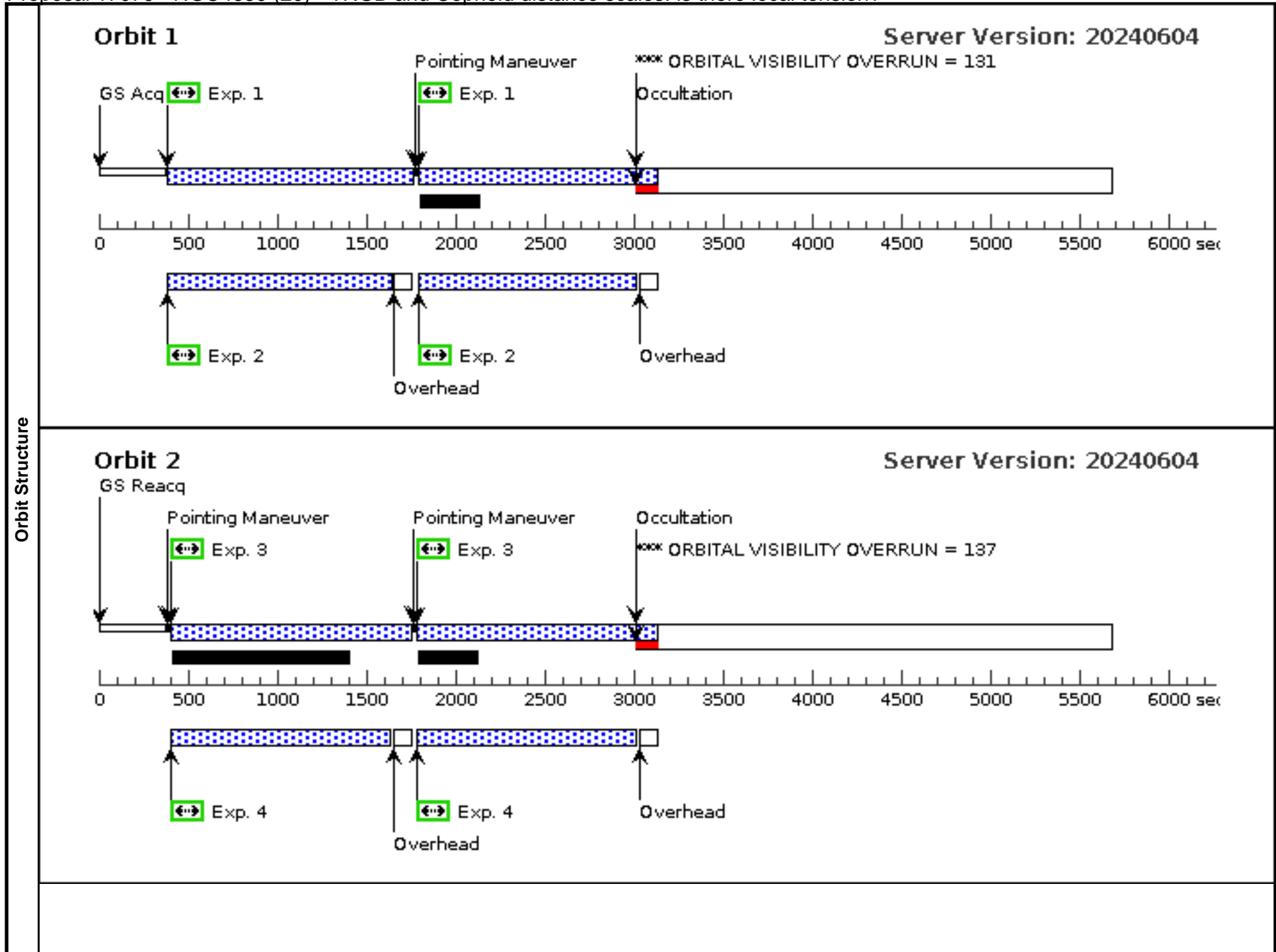
Proposal 17079 - NGC4639 (20) - TRGB and Cepheid distance scales: is there local tension?

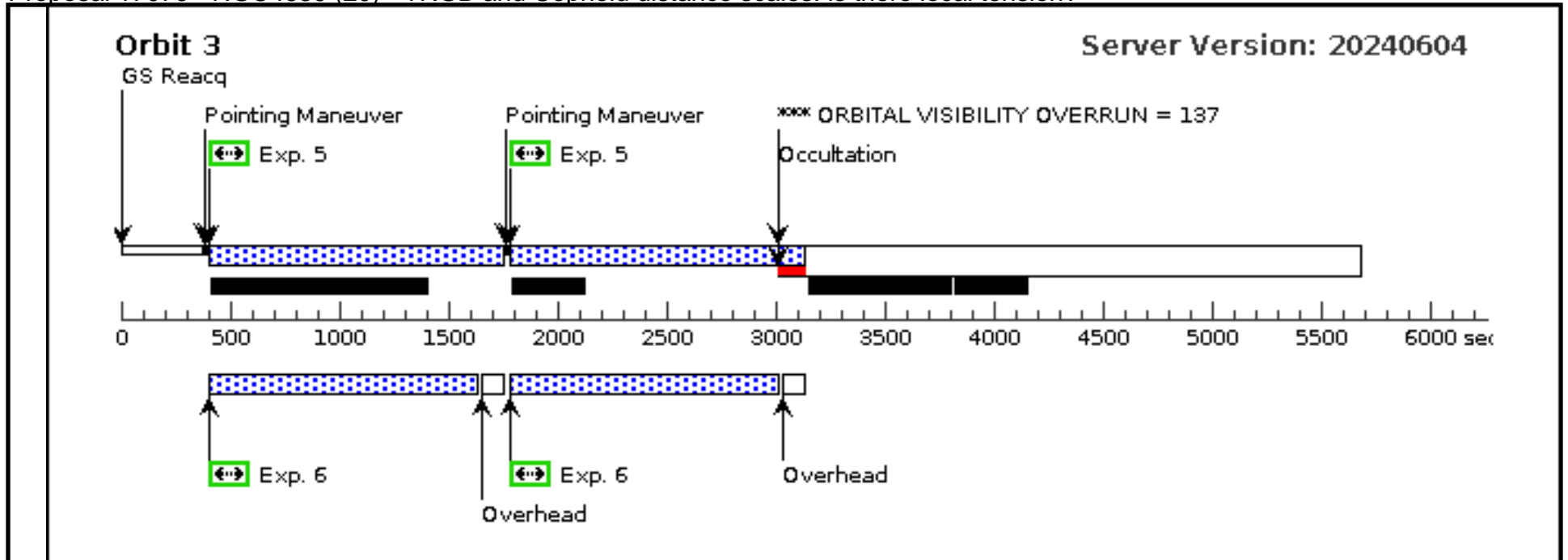
Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC4639 (20), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 16					
	Diagnosics (NGC4639 (20)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4639 (20)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4639 (20)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	(1-2), (3-4), (5-6)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	NGC-4639	RA: 12 42 46.0000 (190.6916667d) Dec: +13 13 23.00 (13.22306d) Equinox: J2000	Epoch of Position: 2015.5	V=29.0+/-0.2	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL]						

Proposal 17079 - NGC4639 (20) - TRGB and Cepheid distance scales: is there local tension?

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N4639-F606 W	(6) NGC-4639	ACS/WFC, ACCUM, WFC	F606W			Pattern 1, Exps 1-2 in NGC4639 (20) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4639 (20)	1000 Secs (2386 Secs) [==>1170.0 Secs (Pattern 1)] [==>1216.0 Secs (Pattern 2)]	[1]
	2	N4639-F606 W	ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Pattern 1, Exps 1-2 in NGC4639 (20) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4639 (20)	1000 Secs (2456 Secs) [==>1230.0 Secs (Pattern 1)] [==>1226.0 Secs (Pattern 2)]	[1]
	3	N4639-F606 W	(6) NGC-4639	ACS/WFC, ACCUM, WFC	F606W			Pattern 1, Exps 3-4 in NGC4639 (20) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in NGC4639 (20)	1000 Secs (2452 Secs) [==>1226.0 Secs (Pattern 1)] [==>1226.0 Secs (Pattern 2)]	[2]
	4	N4639-F606 W	ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Pattern 1, Exps 3-4 in NGC4639 (20) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in NGC4639 (20)	1000 Secs (2472 Secs) [==>1236.0 Secs (Pattern 1)] [==>1236.0 Secs (Pattern 2)]	[2]
	5	N4639-F606 W	(6) NGC-4639	ACS/WFC, ACCUM, WFC	F606W			Pattern 1, Exps 5-6 in NGC4639 (20) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in NGC4639 (20)	1000 Secs (2452 Secs) [==>1226.0 Secs (Pattern 1)] [==>1226.0 Secs (Pattern 2)]	[3]
	6	N4639-F606 W	ANY	WFC3/UVIS, ACCUM, UVIS	F606W			Pattern 1, Exps 5-6 in NGC4639 (20) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in NGC4639 (20)	1000 Secs (2472 Secs) [==>1236.0 Secs (Pattern 1)] [==>1236.0 Secs (Pattern 2)]	[3]





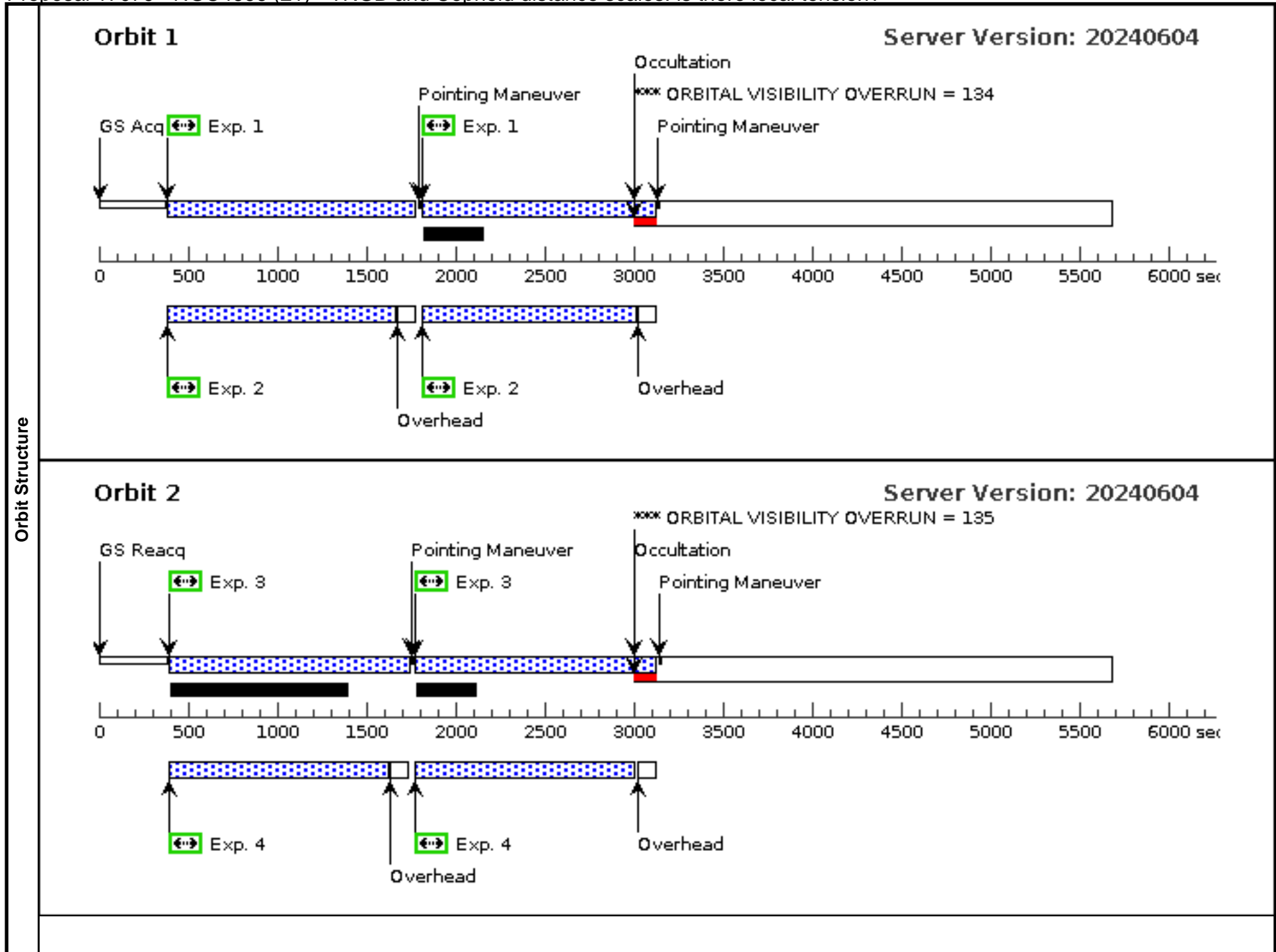
Proposal 17079 - NGC4666 (21) - TRGB and Cepheid distance scales: is there local tension?

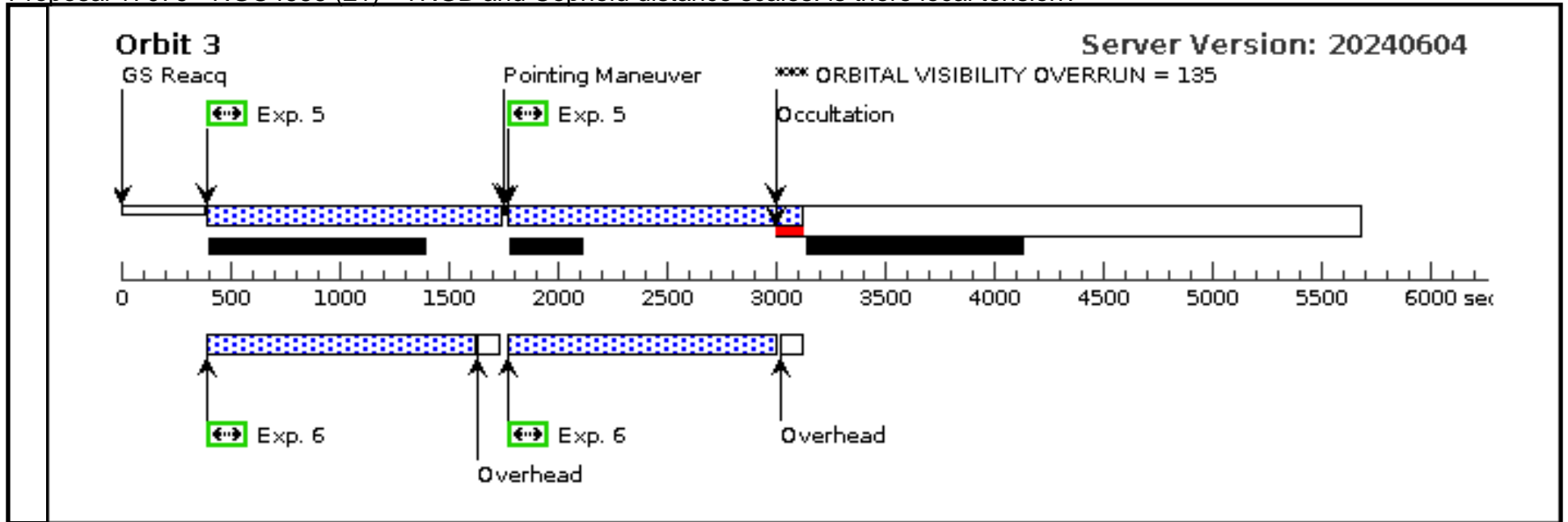
Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC4666 (21), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 138D TO 148 D; ORIENT 114.9D TO 115.1 D					
	Diagnosics (NGC4666 (21)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (NGC4666 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4666 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4666 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Primary N4666-F814W (21.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios.					
Patterns	#	Primary Pattern		Secondary Pattern	Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	NGC-4666	RA: 12 45 3.4923 (191.2645513d) Dec: -00 25 22.92 (-.42303d) Equinox: J2000	Epoch of Position: 2015.5	V=28.2+/-0.2	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, HALO, SPIRAL]						

Proposal 17079 - NGC4666 (21) - TRGB and Cepheid distance scales: is there local tension?

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N4666-F814 W	(7) NGC-4666	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARIO BASE1B3	Pattern 1, Exps 1-2 in NGC4666 (21) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4666 (21)	1000 Secs (2376 Secs) [==>1188.0 Secs (Pattern 1)] [==>1188.0 Secs (Pattern 2)]	[1]
	2	N4666-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 1, Exps 1-2 in NGC4666 (21) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4666 (21)	1000 Secs (2446 Secs) [==>1248.0 Secs (Pattern 1)] [==>1198.0 Secs (Pattern 2)]	[1]
	3	N4666-F814 W	(7) NGC-4666	ACS/WFC, ACCUM, WFC	F814W			Pattern 1, Exps 3-4 in NGC4666 (21) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in NGC4666 (21)	1000 Secs (2450 Secs) [==>1225.0 Secs (Pattern 1)] [==>1225.0 Secs (Pattern 2)]	[2]
	4	N4666-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 1, Exps 3-4 in NGC4666 (21) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in NGC4666 (21)	1000 Secs (2470 Secs) [==>1235.0 Secs (Pattern 1)] [==>1235.0 Secs (Pattern 2)]	[2]
	5	N4666-F814 W	(7) NGC-4666	ACS/WFC, ACCUM, WFC	F814W			Pattern 1, Exps 5-6 in NGC4666 (21) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in NGC4666 (21)	1000 Secs (2450 Secs) [==>1225.0 Secs (Pattern 1)] [==>1225.0 Secs (Pattern 2)]	[3]
	6	N4666-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 1, Exps 5-6 in NGC4666 (21) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in NGC4666 (21)	1000 Secs (2470 Secs) [==>1235.0 Secs (Pattern 1)] [==>1235.0 Secs (Pattern 2)]	[3]

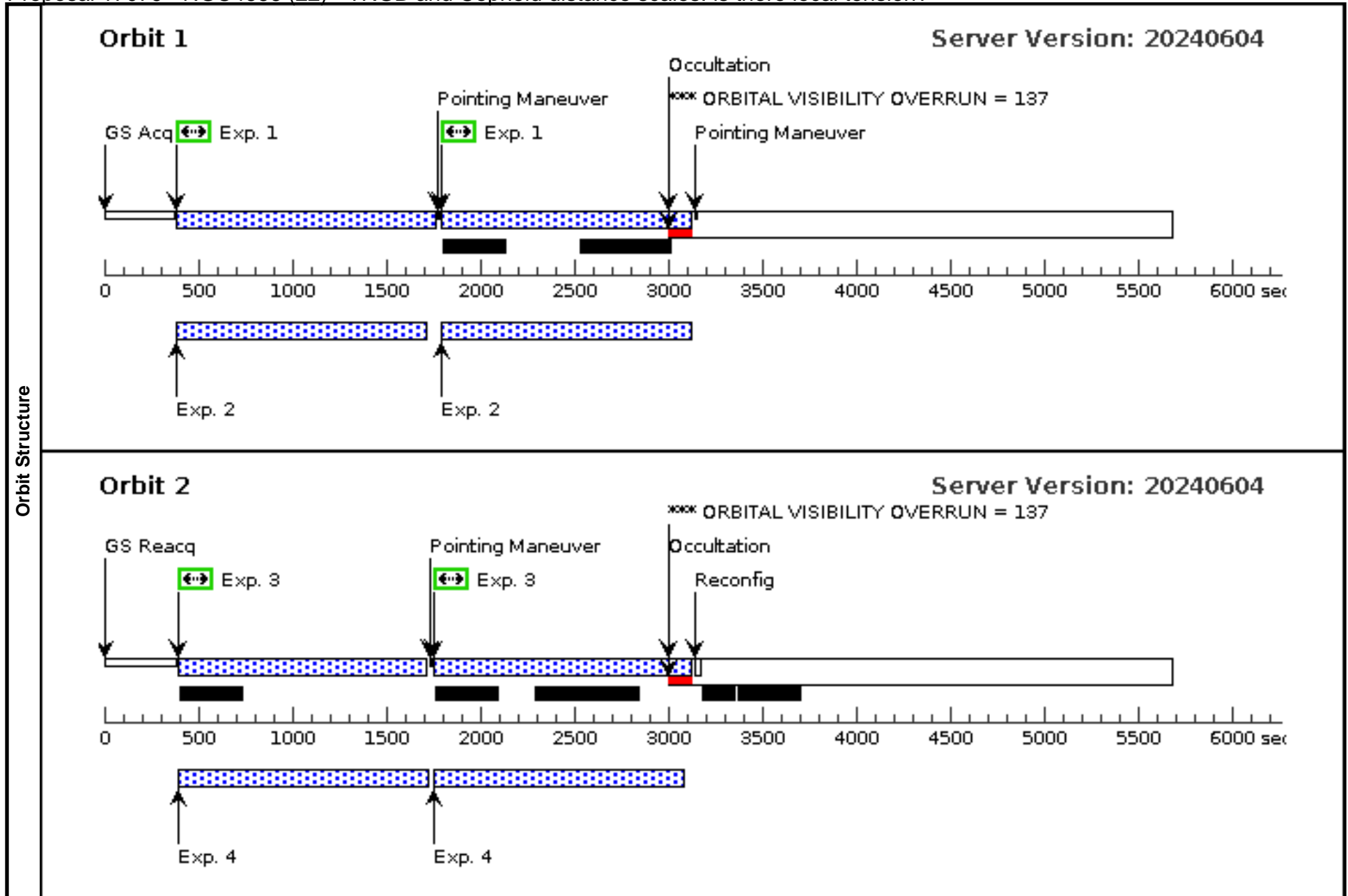




Proposal 17079 - NGC4666 (22) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:22 GMT 2024

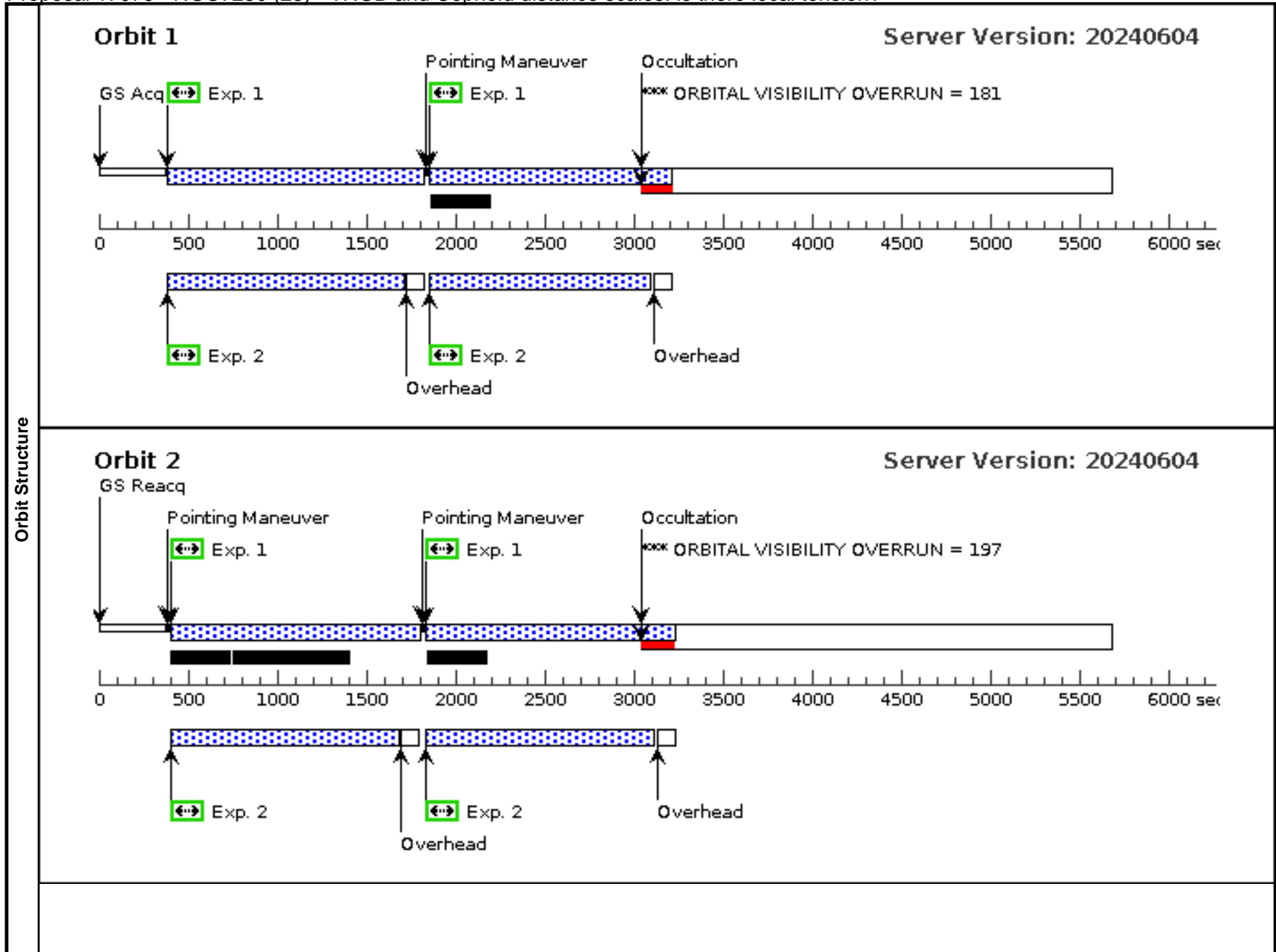
Visit	Proposal 17079, NGC4666 (22), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 21									
	Diagnosics	(NGC4666 (22)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (NGC4666 (22)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC4666 (22)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Primary N4666-F606W (22.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios.								
Patterns		#	Primary Pattern		Secondary Pattern		Exposures			
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=2 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false			(1-2), (3-4)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	NGC-4666	RA: 12 45 3.4923 (191.2645513d) Dec: -00 25 22.92 (-.42303d) Equinox: J2000	Epoch of Position: 2015.5	V=28.2+/-0.2	Reference Frame: SIMBAD				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N4666-F606W	(7) NGC-4666	ACS/WFC, ACCUM, WFC	F606W		GS ACQ SCENARIO BASE1B3	Pattern 1, Exps 1-2 in NGC4666 (22) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4666 (22)	1000 Secs (2379 Secs) [==>1170 Secs (Pattern 1)] [==>1209.0 Secs (Pattern 2)]	[1]
	2	N4666-F110W	(7) NGC-4666	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=SPAR S100		Pattern 1, Exps 1-2 in NGC4666 (22) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in NGC4666 (22)	1302.93649 Secs (2605.873 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	N4666-F606W	(7) NGC-4666	ACS/WFC, ACCUM, WFC	F606W			Pattern 1, Exps 3-4 in NGC4666 (22) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in NGC4666 (22)	1000 Secs (2445 Secs) [==>1200.0 Secs (Pattern 1)] [==>1245.0 Secs (Pattern 2)]	[2]
	4	N4666-F110W	(7) NGC-4666	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=SPAR S100		Pattern 1, Exps 3-4 in NGC4666 (22) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in NGC4666 (22)	1302.93649 Secs (2605.873 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[2]

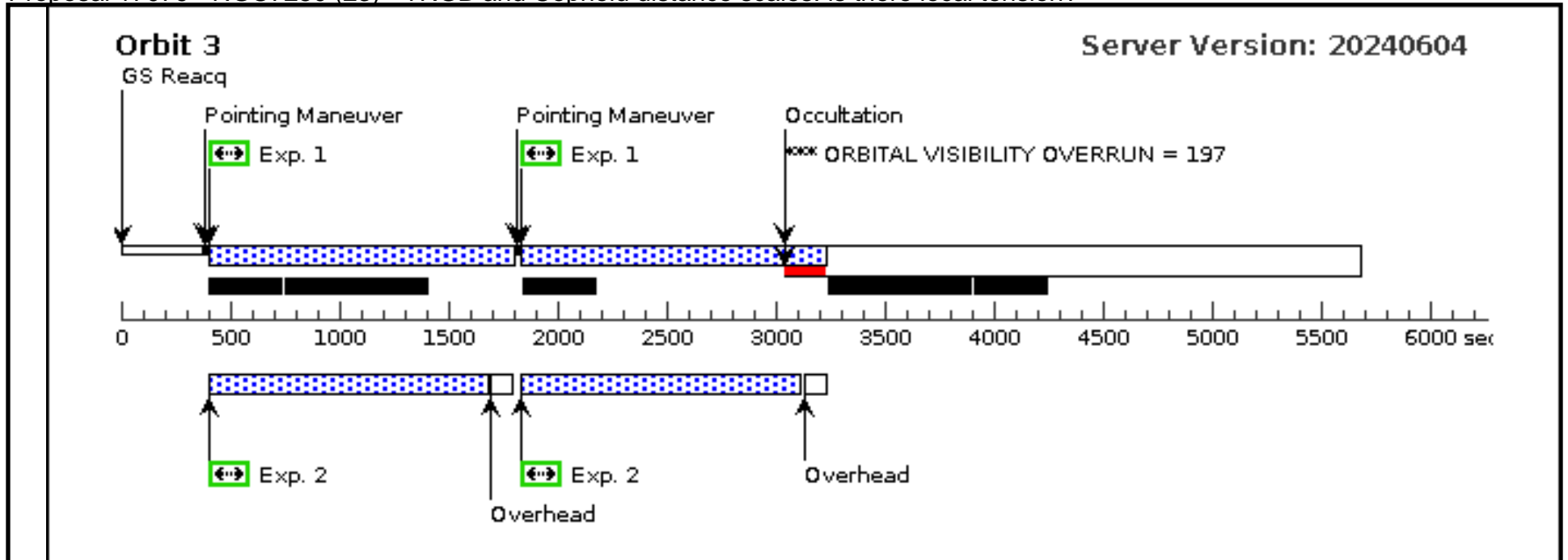


Proposal 17079 - NGC7250 (23) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC7250 (23), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 115D TO 125 D									
	(NGC7250 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC7250 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC7250 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnosics										
Patterns	#	Primary Pattern		Secondary Pattern	Exposures					
	(3)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=6 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides= Center Pattern=false		(1-2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(8)	NGC-7250	RA: 22 18 20.3355 (334.5847313d) Dec: +40 33 9.00 (40.55250d) Equinox: J2000	Epoch of Position: 2015.5	V=29.1+/-0.2	Reference Frame: SIMBAD				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, HALO, SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N7250-F814 W	(8) NGC-7250	ACS/WFC, ACCUM, WFC	F814W			Pattern 3, Exps 1-2 in NGC7250 (23) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC7250 (23)	1000 Secs (7572 Secs) [==>1236.0 Secs (Pattern 1)] [==>1236.0 Secs (Pattern 2)] [==>1275.0 Secs (Pattern 3)] [==>1275.0 Secs (Pattern 4)] [==>1275.0 Secs (Pattern 5)] [==>1275.0 Secs (Pattern 6)]	[1] [2] [3]
	2	N7250-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 3, Exps 1-2 in NGC7250 (23) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC7250 (23)	1000 Secs (7682 Secs) [==>1296.0 Secs (Pattern 1)] [==>1246.0 Secs (Pattern 2)] [==>1285.0 Secs (Pattern 3)] [==>1285.0 Secs (Pattern 4)] [==>1285.0 Secs (Pattern 5)] [==>1285.0 Secs (Pattern 6)]	[1] [2] [3]

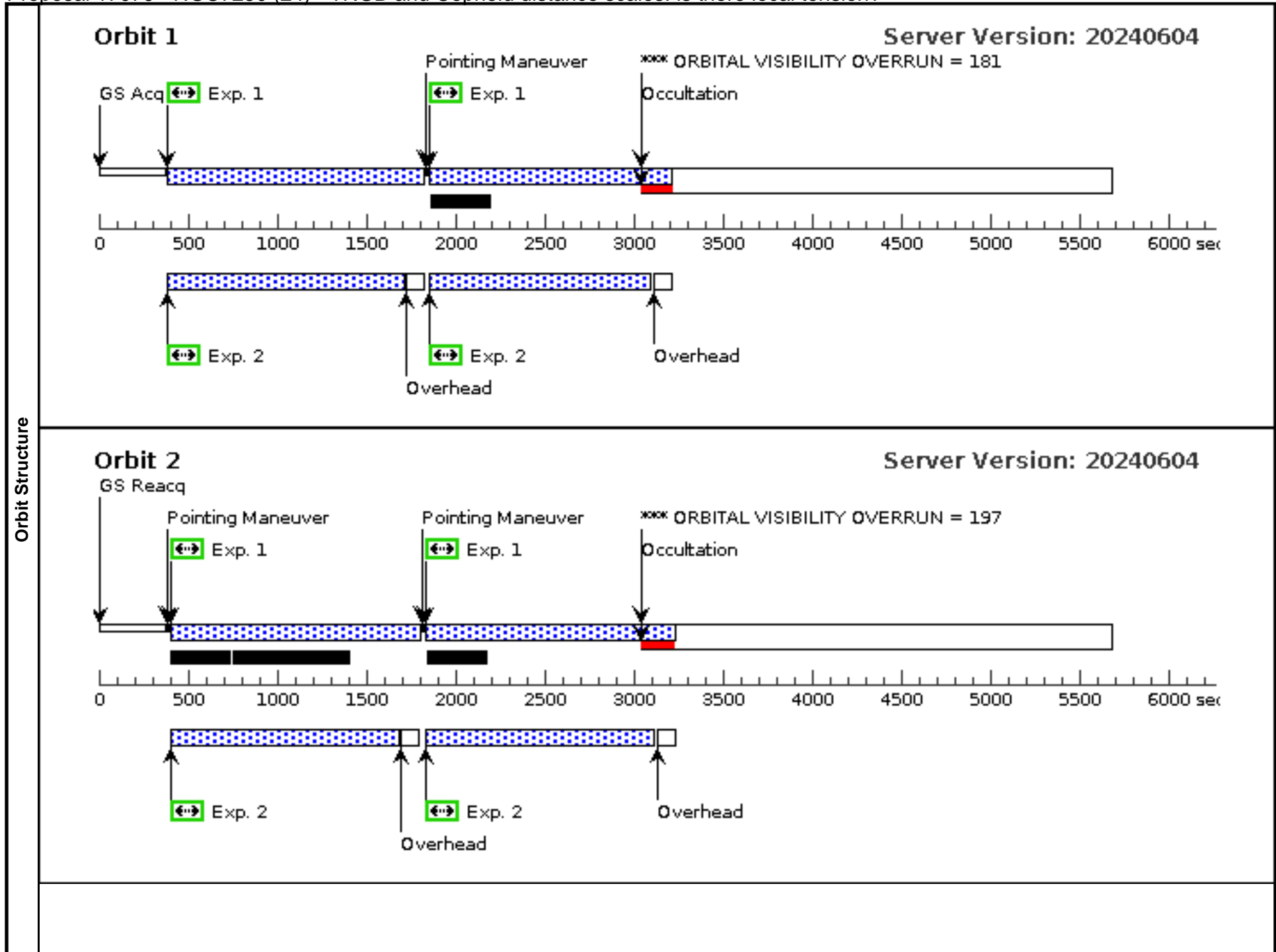


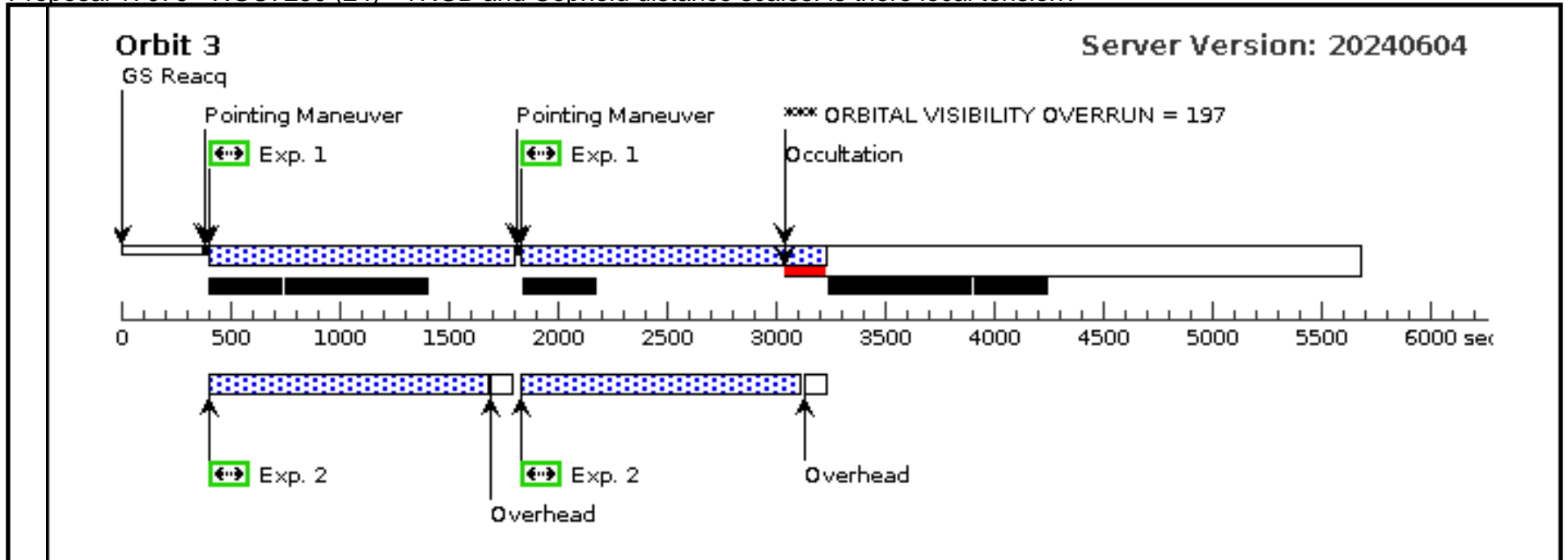


Proposal 17079 - NGC7250 (24) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC7250 (24), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 23				
	(NGC7250 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC7250 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC7250 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Diagnosics					
Patterns	#	Primary Pattern	Secondary Pattern		Exposures
	(3)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=6 Point Spacing=0.15 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides= Center Pattern=false		(1-2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(8)	NGC-7250	RA: 22 18 20.3355 (334.5847313d) Dec: +40 33 9.00 (40.55250d) Equinox: J2000	Epoch of Position: 2015.5	V=29.1+/-0.2
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, HALO, SPIRAL]					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	N7250-F814 W	(8) NGC-7250	ACS/WFC, ACCUM, WFC	F814W
Pattern 3, Exps 1-2 in NGC7250 (24) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC7250 (24)					
1000 Secs (7572 Secs) [==>1236.0 Secs (Pattern 1)] [==>1236.0 Secs (Pattern 2)] [==>1275.0 Secs (Pattern 3)] [==>1275.0 Secs (Pattern 4)] [==>1275.0 Secs (Pattern 5)] [==>1275.0 Secs (Pattern 6)]					
[1] [2] [3]					
2	N7250-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W	
Pattern 3, Exps 1-2 in NGC7250 (24) (3) Prime + Parallel Group 1-2 in Pattern 3, Exps 1-2 in NGC7250 (24)					
1000 Secs (7682 Secs) [==>1296.0 Secs (Pattern 1)] [==>1246.0 Secs (Pattern 2)] [==>1285.0 Secs (Pattern 3)] [==>1285.0 Secs (Pattern 4)] [==>1285.0 Secs (Pattern 5)] [==>1285.0 Secs (Pattern 6)]					
[1] [2] [3]					

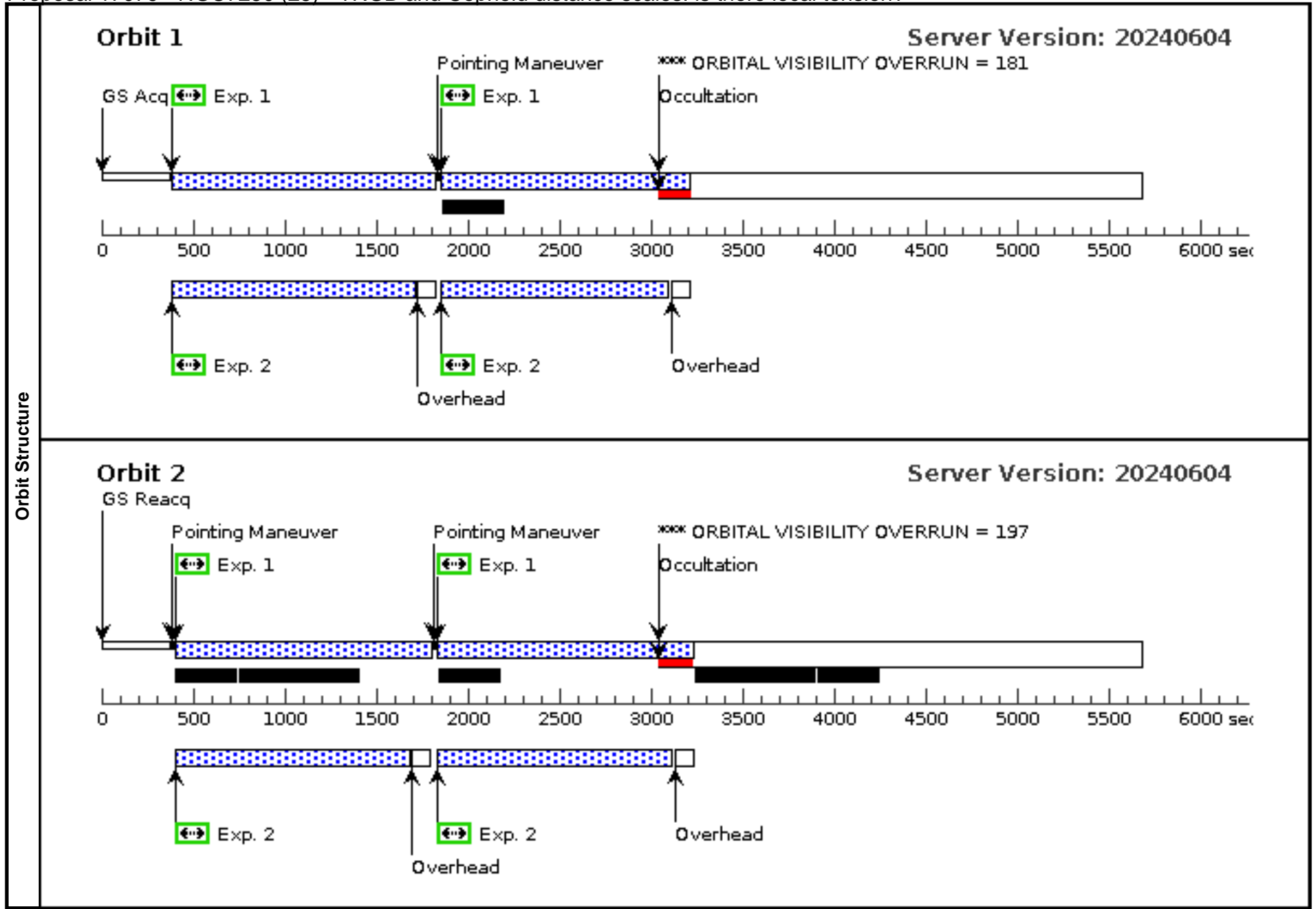




Proposal 17079 - NGC7250 (25) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC7250 (25), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 23										
	(NGC7250 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC7250 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Diagnosics											
Patterns	#	Primary Pattern	Secondary Pattern	Exposures							
	(2)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.2637 Line Spacing=0.1856	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.02 Center Pattern=false		(1-2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(8)	NGC-7250	RA: 22 18 20.3355 (334.5847313d) Dec: +40 33 9.00 (40.55250d) Equinox: J2000	Epoch of Position: 2015.5	V=29.1+/-0.2	Reference Frame: SIMBAD					
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DISK, HALO, SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	N7250-F814 W	(8) NGC-7250	ACS/WFC, ACCUM, WFC	F814W			Pattern 2, Exps 1-2 in NGC7250 (25) (2) Prime + Parallel Group 1-2 in Pattern 2, Exps 1-2 in NGC7250 (25)	1000 Secs (5022 Secs) [==>1236.0 Secs (Pattern 1)] [==>1236.0 Secs (Pattern 2)] [==>1275.0 Secs (Pattern 3)] [==>1275.0 Secs (Pattern 4)]	[1] [2]	
	2	N7250-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 2, Exps 1-2 in NGC7250 (25) (2) Prime + Parallel Group 1-2 in Pattern 2, Exps 1-2 in NGC7250 (25)	1000 Secs (5112 Secs) [==>1296.0 Secs (Pattern 1)] [==>1246.0 Secs (Pattern 2)] [==>1285.0 Secs (Pattern 3)] [==>1285.0 Secs (Pattern 4)]	[1] [2]	



Proposal 17079 - NGC7250 (26) - TRGB and Cepheid distance scales: is there local tension?

Fri Sep 06 15:04:22 GMT 2024

Visit	Proposal 17079, NGC7250 (26), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 23										
	(NGC7250 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (NGC7250 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Diagnosics											
Patterns	#	Primary Pattern	Secondary Pattern	Exposures							
	(2)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.2637 Line Spacing=0.1856	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.02 Center Pattern=false		(1-2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(8)	NGC-7250	RA: 22 18 20.3355 (334.5847313d) Dec: +40 33 9.00 (40.55250d) Equinox: J2000	Epoch of Position: 2015.5	V=29.1+/-0.2	Reference Frame: SIMBAD					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DISK, HALO, SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	N7250-F814 W	(8) NGC-7250	ACS/WFC, ACCUM, WFC	F814W			Pattern 2, Exps 1-2 in NGC7250 (26) (2) Prime + Parallel Group 1-2 in Pattern 2, Exps 1-2 in NGC7250 (26)	1000 Secs (5022 Secs) [==>1236.0 Secs (Pattern 1)] [==>1236.0 Secs (Pattern 2)] [==>1275.0 Secs (Pattern 3)] [==>1275.0 Secs (Pattern 4)]	[1] [2]	
	2	N7250-F814 W	ANY	WFC3/UVIS, ACCUM, UVIS	F814W			Pattern 2, Exps 1-2 in NGC7250 (26) (2) Prime + Parallel Group 1-2 in Pattern 2, Exps 1-2 in NGC7250 (26)	1000 Secs (5112 Secs) [==>1296.0 Secs (Pattern 1)] [==>1246.0 Secs (Pattern 2)] [==>1285.0 Secs (Pattern 3)] [==>1285.0 Secs (Pattern 4)]	[1] [2]	

