



17509 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

Cycle: 31, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

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Dr. Steven Goldman (CoI)	Space Telescope Science Institute
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<i>Name</i>	<i>Institution</i>
Catherine Zucker (CoI)	Smithsonian Institution Astrophysical Observatory

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) N83-F01-UVIS (4) N83-F03-WFC	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:17.0	yes
02	(3) N83-F02-UVIS (6) N83-F04-WFC	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:18.0	yes
03	(5) N83-F03-UVIS (8) N83-F05-WFC	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:18.0	yes
04	(7) N83-F04-UVIS (10) N83-F01-WFC	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:19.0	yes
05	(2) N83-F02-WFC (9) N83-F05-UVIS	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:20.0	yes
06	(11) N83-F06-UVIS (14) N83-F08-WFC	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:20.0	yes
07	(13) N83-F07-UVIS (16) N83-F09-WFC	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:21.0	yes
08	(15) N83-F08-UVIS (18) N83-F10-WFC	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:21.0	yes
09	(17) N83-F09-UVIS (20) N83-F06-WFC	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:22.0	yes
10	(12) N83-F07-WFC (19) N83-F10-UVIS	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:23.0	yes
11	(21) N83-F11-UVIS (24) N83-F13-WFC	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:24.0	yes
12	(23) N83-F12-UVIS (26) N83-F14-WFC	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:24.0	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>
13	(25) N83-F13-UVIS (28) N83-F15-WFC	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:25.0	yes
63	(25) N83-F13-UVIS (28) N83-F15-WFC	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:26.0	yes
A3	(25) N83-F13-UVIS	WFC3/UVIS	1	11-Feb-2026 16:00:26.0	yes
14	(27) N83-F14-UVIS (30) N83-F11-WFC	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:27.0	yes
15	(22) N83-F12-WFC (29) N83-F15-UVIS	ACS/WFC WFC3/UVIS	1	11-Feb-2026 16:00:27.0	yes

17 Total Orbits Used

ABSTRACT

We propose to use resolved stellar populations to constrain the dynamical state of the interstellar medium (ISM) in star-forming regions N83/N84 of the Small Magellanic Cloud (SMC). Our proposal will use 15 orbits and 12 hours of HST and JWST time to cover a 12.5'x7.5' area of the SMC in 6 broad-band filters from near ultra-violet (NUV) to the near-infrared (NIR). By fitting the spectral energy distributions (SED) of resolved stars with broad wavelength coverage, we can simultaneously probe distance and line-of-sight extinction, enabling us to constrain distances to diffuse gas structures. The broadband SEDs will provide stellar and dust extinction physical parameters to complement existing observations of molecular gas (ALMA), ionized gas (Spitzer-IRS), and atomic hydrogen (GASKAP) in the region. With these results, we can map the 3D gas distribution in the region to see whether gas flows are colliding or diverging. These results will help us understand how tidal interactions between interacting galaxies are capable of fostering bursts of star formation. We aim to achieve the following objectives: (1) measure the definitive distance to the ISM in the SMC wing, providing vital model constraints for understanding the collision history between the SMC and LMC; (2) determine the relative distance between molecular clouds to gain insight into the dynamical state of the ISM in the region; (3) investigate the correlation between extinction and various phases of the ISM in low-metallicity environments.

OBSERVING DESCRIPTION

We will obtain high-resolution UV-optical imaging using HST/ACS for F475W and F814W, and WFC3/UVIS for F336W and F275W. To complete the coverage in the IR, we will obtain F115W and F160W imaging from JWST/NIRCam, which are comparable to HST WFC3 F110W and F160W.

Proposal 17509 (STScI Edit Number: 4, Created: Wednesday, February 11, 2026, 4:00:28PM Eastern Standard Time) - Overview

We design our pointings to cover a total area of 72 square arcmin. By using ACS and WFC3/UVIS in parallel, we can obtain NUV and optical imaging simultaneously. In a single orbit visit, ACS/WFC will obtain F475W and F814W data while WFC3/UVIS obtains F336W and F275W data in a parallel field. Effective exposure times are 720s in F275W, 700s in F336W, 679s in F475W, and 700s in F814W, including short guard exposures in F475W (5s) to avoid saturation of bright sources. Our dithering will include a half-pixel along the diagonal, allowing us to recover as much spatial resolution as possible.

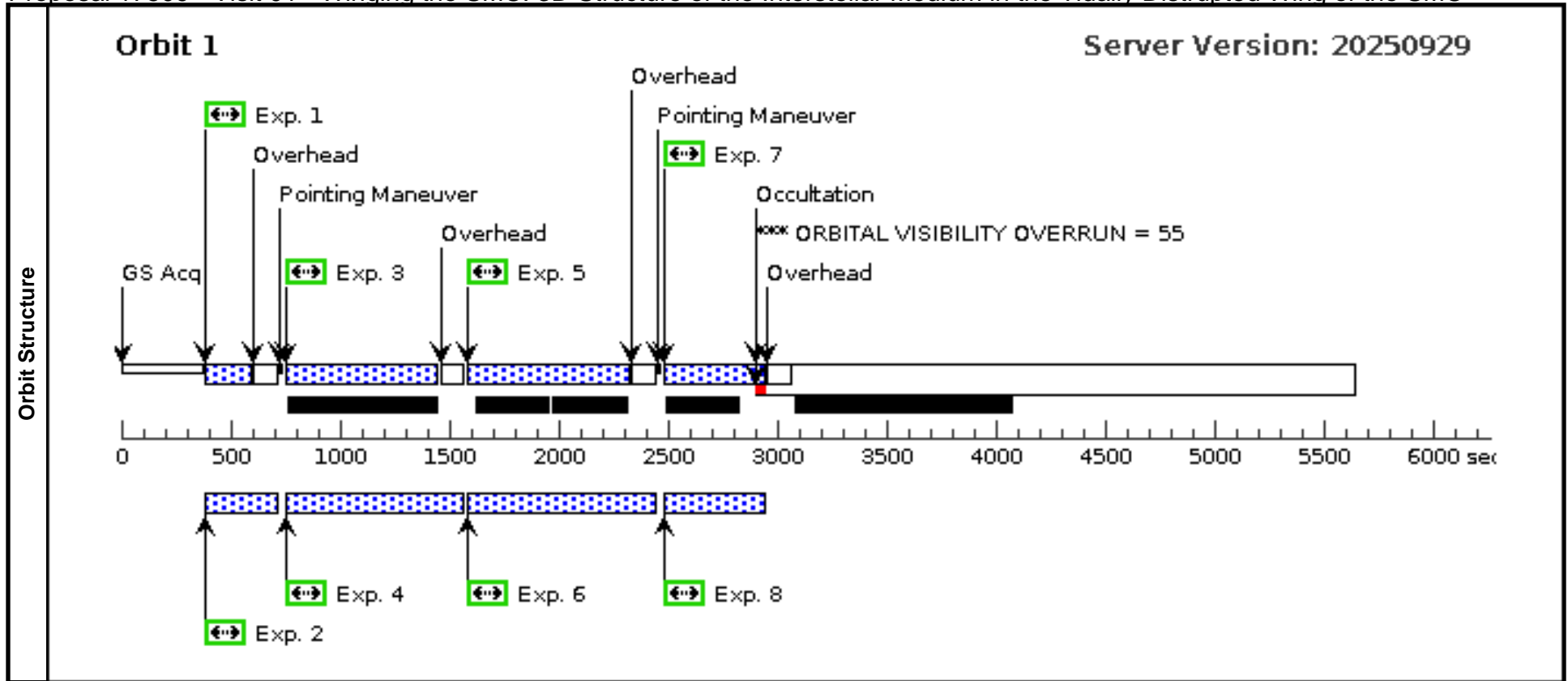
To efficiently image the 6x12 arcmin region with NIRCcam, we use a mosaic of 1x6 tiles with 10% overlap. Each tile uses the FULLBOX dither type with 4TIGHT primary and subpixel dithers to provide approximately uniform depth covering the gaps between the two modules and the 4 short wavelength detectors. This results in at least 4 exposures over a large fraction of the mosaic, with some regions having more and a few regions with less exposures. For the detector setup, we use the BRIGHT2 readout pattern with NGROUPS=4. This results in an exposure time of 300s and using the JWST ETC this provides a S/N of over 50 in both F115W and F150W for a source that has 22 vegamag in WFC3/F160W. Setting this up in APT gives a total time of 12.09~hours after running smart accounting. While primary science is focused on the F115W and F150W filters, we simultaneously use the F330M and F300M filters in the long wavelength NIRCcam channel to obtain measurements of the 3.3 micron emission.

Since this proposal uses both ACS and WFC3 wavelength coverage and relies upon 180-degree flips, we expect that Reduced-Gyro Mode will increase our number of required orbits by 50% to achieve similar observations, according to the reduced-gyro mode presentations made to the Space Telescope Users Committee in May 2019.

Proposal 17509 - Visit 01 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

Wed Feb 11 21:00:28 GMT 2026

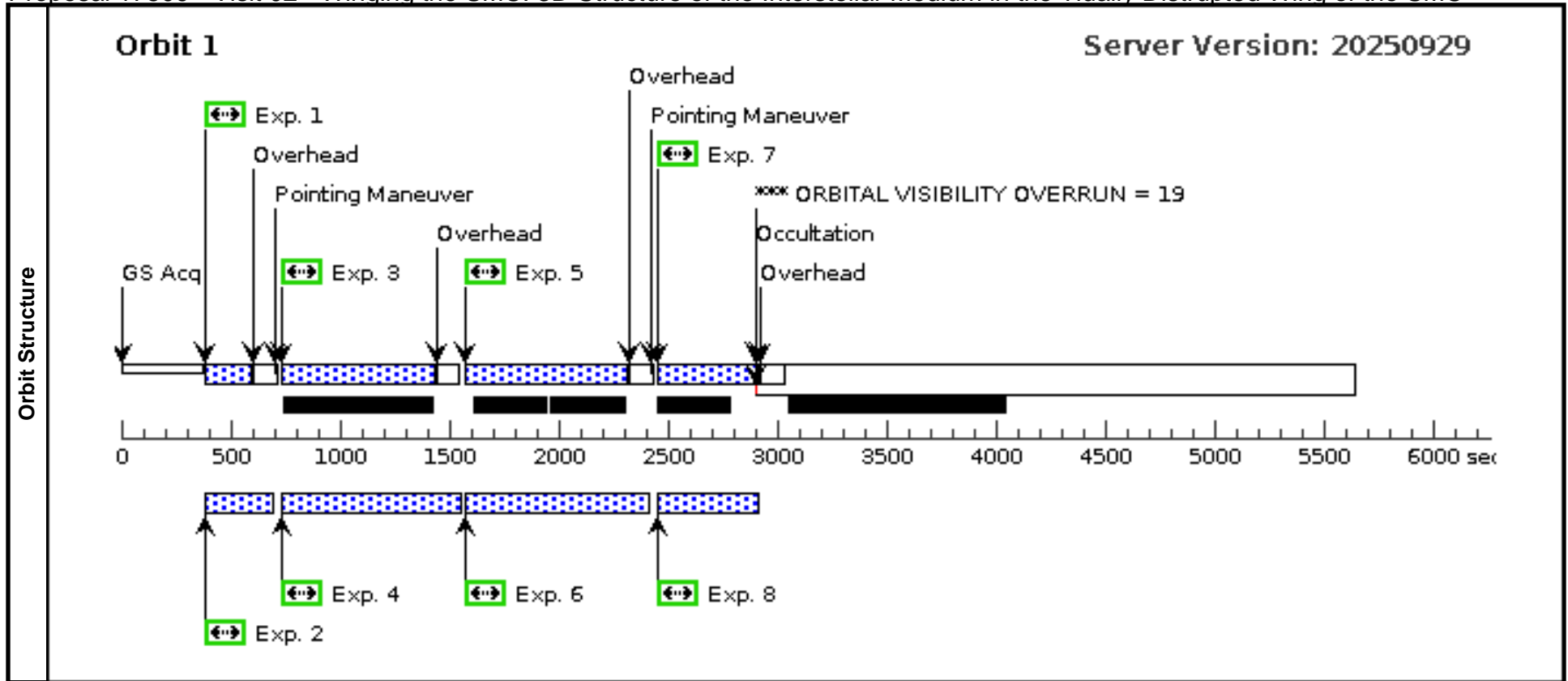
Visit	Proposal 17509, Visit 01, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 100D TO 100 D									
	(Visit 01) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	N83-F01-UVIS	RA: 01 15 26.3414 (18.8597558d) Dec: -73 19 58.72 (-73.33298d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]									
	(4)	N83-F03-WFC	RA: 01 15 7.7852 (18.7824383d) Dec: -73 16 51.63 (-73.28101d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F01-UVI S-F336W	(1) N83-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 01	178 Secs (175 Secs) [=>175.0 Secs]	[1]
	2	B1-F03-WF C-F814W-s hort	(4) N83-F03-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 01	104 Secs (125 Secs) [=>125.0 Secs]	[1]
	3	B1-F01-UVI S-F336W	(1) N83-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 01	700 Secs (697 Secs) [=>697.0 Secs]	[1]
	4	B1-F03-WF C-F814W	(4) N83-F03-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 01	700 Secs (690 Secs) [=>690.0 Secs]	[1]
	5	B1-F01-UVI S-F275W	(1) N83-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 01	720 Secs (717 Secs) [=>717.0 Secs]	[1]
	6	B1-F03-WF C-F475W	(4) N83-F03-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 01	679 Secs (700 Secs) [=>700.0 Secs]	[1]
	7	B1-F01-UVI S-F275W	(1) N83-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 01	462 Secs (459 Secs) [=>459.0 Secs]	[1]
	8	B1-F03-WF C-F475W	(4) N83-F03-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 01	337 Secs (341 Secs) [=>341.0 Secs]	[1]



Proposal 17509 - Visit 02 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

Wed Feb 11 21:00:28 GMT 2026

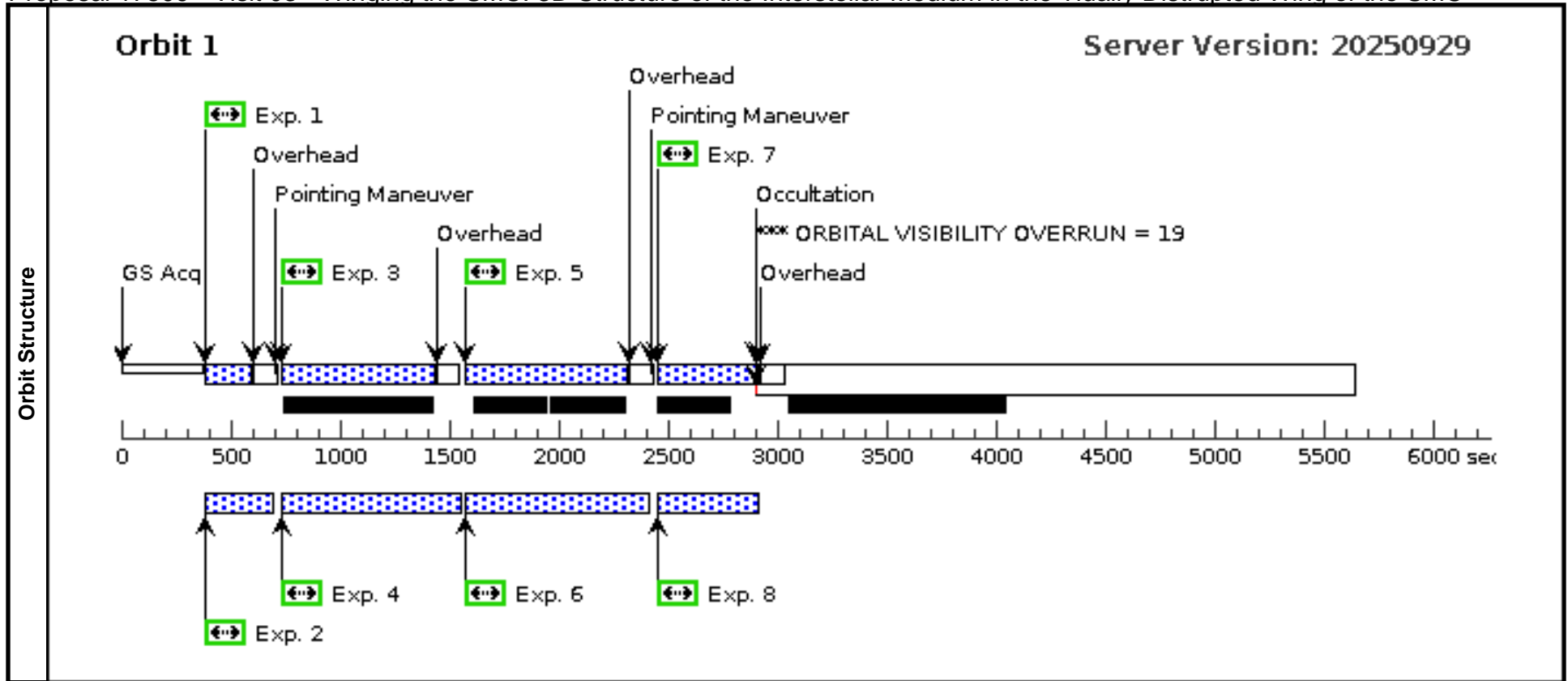
Visit	Proposal 17509, Visit 02, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 100D TO 100 D									
	Diagnosics (Visit 02) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	N83-F02-UVIS	RA: 01 15 7.9308 (18.7830450d) Dec: -73 18 3.75 (-73.30104d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
<i>Comments:</i> Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
(6)	N83-F04-WFC	RA: 01 14 42.0093 (18.6750387d) Dec: -73 15 18.06 (-73.25502d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
<i>Comments:</i> Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F02-UVI S-F336W	(3) N83-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 02	178 Secs (178 Secs) [==>]	[1]
	2	B1-F04-WF C-F814W-s hort	(6) N83-F04-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 02	104 Secs (104 Secs) [==>]	[1]
	3	B1-F02-UVI S-F336W	(3) N83-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 02	700 Secs (700 Secs) [==>]	[1]
	4	B1-F04-WF C-F814W	(6) N83-F04-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 02	700 Secs (700 Secs) [==>]	[1]
	5	B1-F02-UVI S-F275W	(3) N83-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 02	720 Secs (720 Secs) [==>]	[1]
	6	B1-F04-WF C-F475W	(6) N83-F04-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 02	679 Secs (679 Secs) [==>]	[1]
	7	B1-F02-UVI S-F275W	(3) N83-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 02	462 Secs (462 Secs) [==>]	[1]
8	B1-F04-WF C-F475W	(6) N83-F04-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 02	337 Secs (337 Secs) [==>]	[1]	



Proposal 17509 - Visit 03 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

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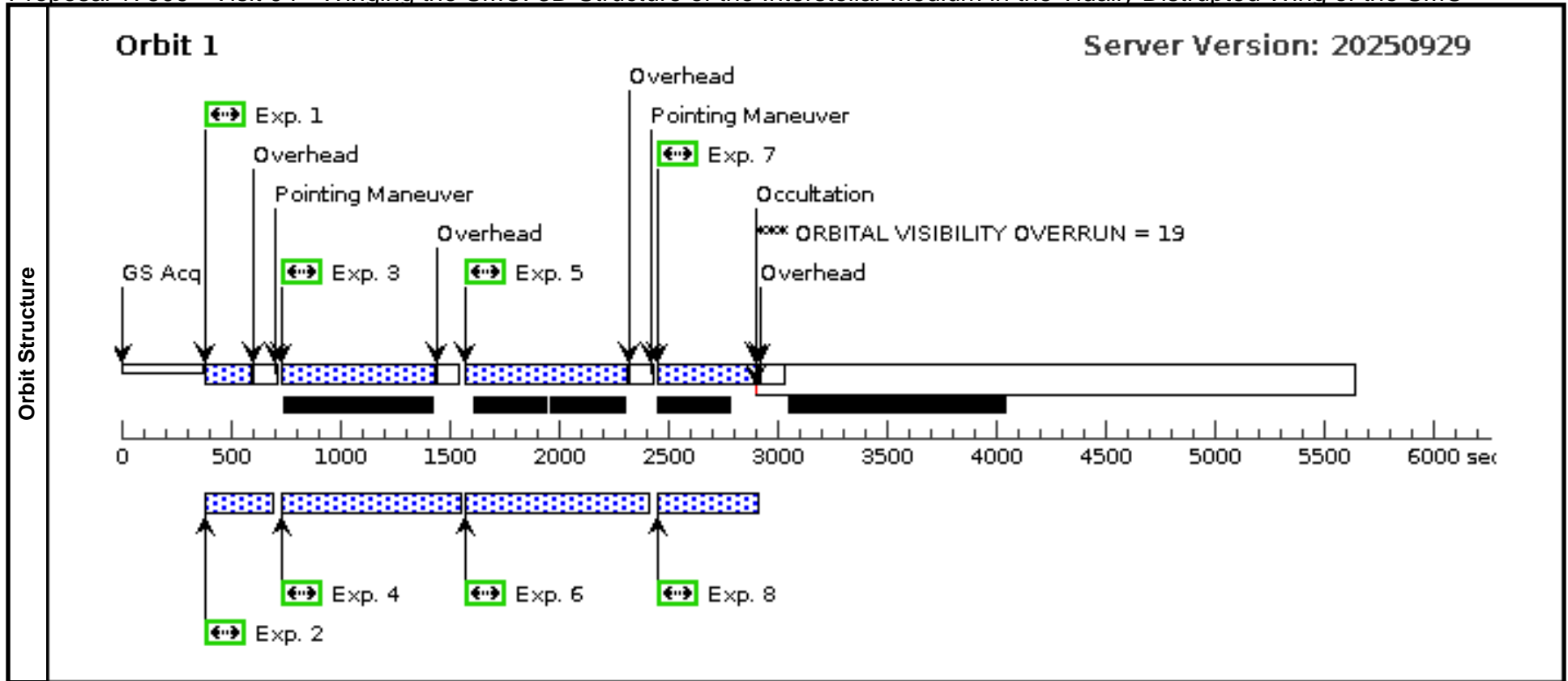
Visit	Proposal 17509, Visit 03, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 100D TO 100 D									
	Diagnosics (Visit 03) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	N83-F03-UVIS	RA: 01 14 48.1680 (18.7007000d) Dec: -73 16 8.58 (-73.26905d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
(8)	N83-F05-WFC	RA: 01 14 16.2722 (18.5678008d) Dec: -73 13 44.48 (-73.22902d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F03-UVI S-F336W	(5) N83-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 03	178 Secs (178 Secs) [==>]	[1]
	2	B1-F05-WF C-F814W-s hort	(8) N83-F05-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 03	104 Secs (104 Secs) [==>]	[1]
	3	B1-F03-UVI S-F336W	(5) N83-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 03	700 Secs (700 Secs) [==>]	[1]
	4	B1-F05-WF C-F814W	(8) N83-F05-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 03	700 Secs (700 Secs) [==>]	[1]
	5	B1-F03-UVI S-F275W	(5) N83-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 03	720 Secs (720 Secs) [==>]	[1]
	6	B1-F05-WF C-F475W	(8) N83-F05-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 03	679 Secs (679 Secs) [==>]	[1]
	7	B1-F03-UVI S-F275W	(5) N83-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 03	462 Secs (462 Secs) [==>]	[1]
8	B1-F05-WF C-F475W	(8) N83-F05-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 03	337 Secs (337 Secs) [==>]	[1]	



Proposal 17509 - Visit 04 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

Wed Feb 11 21:00:28 GMT 2026

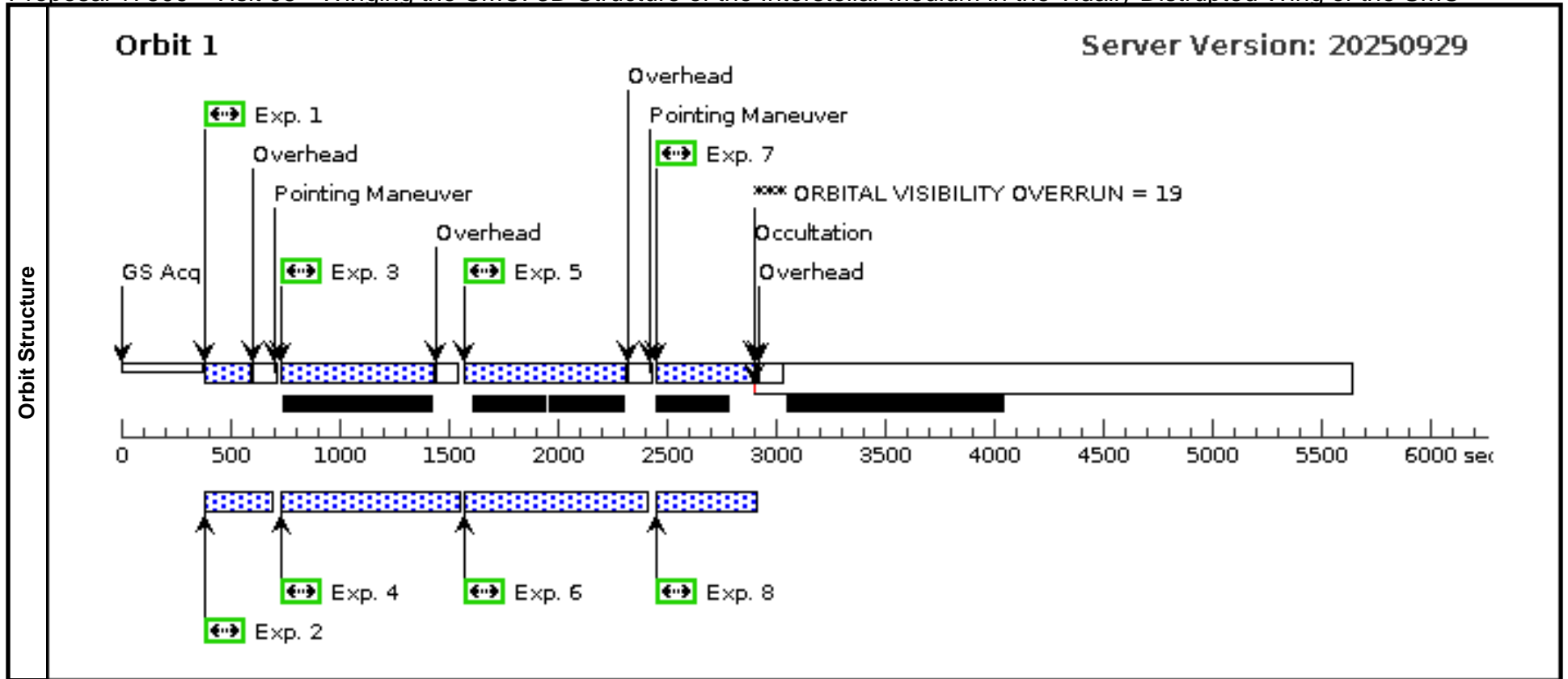
Visit	Proposal 17509, Visit 04, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 280D TO 280 D									
	(Visit 04) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	N83-F04-UVIS	RA: 01 14 29.5715 (18.6232146d) Dec: -73 14 10.53 (-73.23626d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
(10)	N83-F01-WFC	RA: 01 13 50.5737 (18.4607238d) Dec: -73 12 10.91 (-73.20303d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F04-UVI S-F336W	(7) N83-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 04	178 Secs (178 Secs) [==>]	[1]
	2	B1-F01-WF C-F814W-s hort	(10) N83-F01-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 04	104 Secs (104 Secs) [==>]	[1]
	3	B1-F04-UVI S-F336W	(7) N83-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 04	700 Secs (700 Secs) [==>]	[1]
	4	B1-F01-WF C-F814W	(10) N83-F01-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 04	700 Secs (700 Secs) [==>]	[1]
	5	B1-F04-UVI S-F275W	(7) N83-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 04	720 Secs (720 Secs) [==>]	[1]
	6	B1-F01-WF C-F475W	(10) N83-F01-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 04	679 Secs (679 Secs) [==>]	[1]
	7	B1-F04-UVI S-F275W	(7) N83-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 04	462 Secs (462 Secs) [==>]	[1]
8	B1-F01-WF C-F475W	(10) N83-F01-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 04	337 Secs (337 Secs) [==>]	[1]	



Proposal 17509 - Visit 05 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

Wed Feb 11 21:00:28 GMT 2026

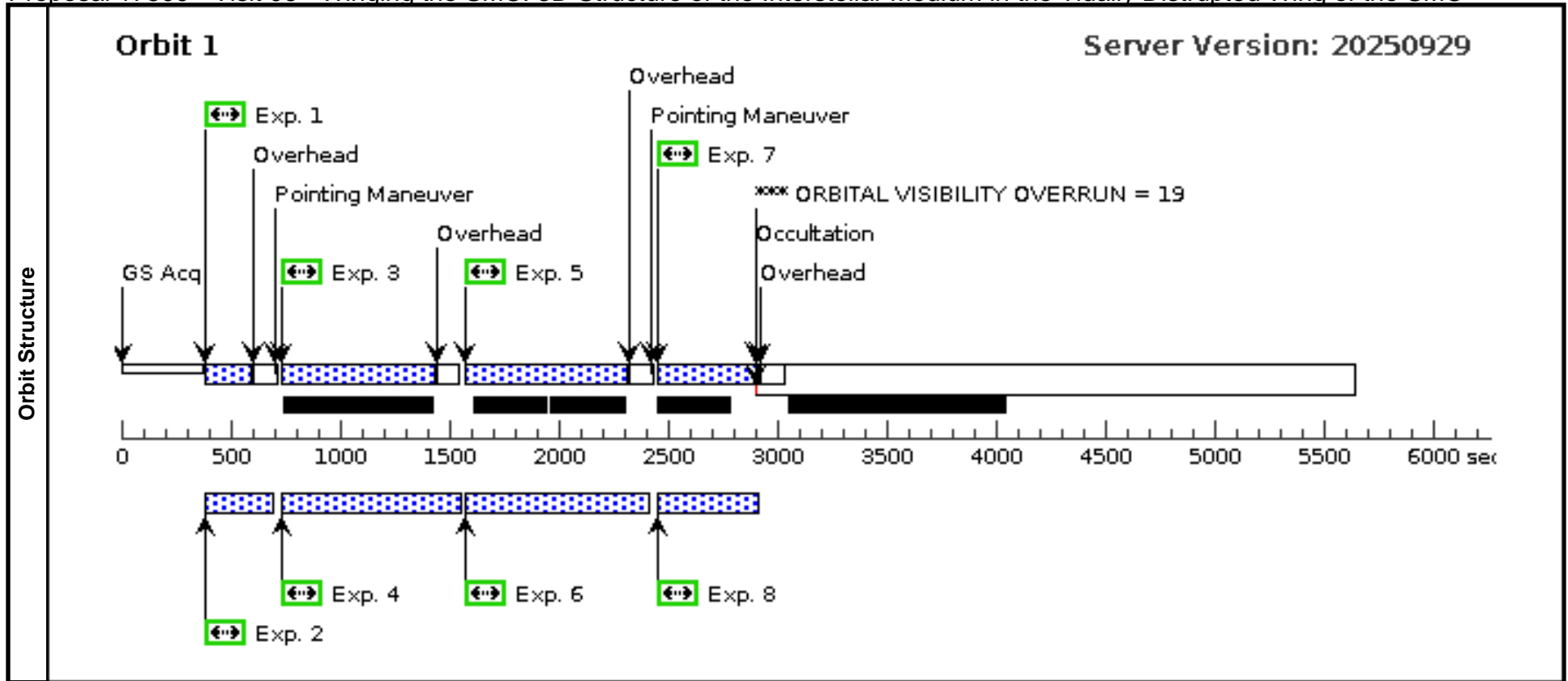
Visit	Proposal 17509, Visit 05, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 280D TO 280 D									
	Diagnosics (Visit 05) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	N83-F02-WFC	RA: 01 15 33.6000 (18.8900000d) Dec: -73 18 25.20 (-73.30700d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
(9)	N83-F05-UVIS	RA: 01 14 9.7124 (18.5404683d) Dec: -73 12 8.36 (-73.20232d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F05-UVI S-F336W	(9) N83-F05-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 05	178 Secs (178 Secs) [==>]	[1]
	2	B1-F02-WF C-F814W-s hort	(2) N83-F02-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 05	104 Secs (104 Secs) [==>]	[1]
	3	B1-F05-UVI S-F336W	(9) N83-F05-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 05	700 Secs (700 Secs) [==>]	[1]
	4	B1-F02-WF C-F814W	(2) N83-F02-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 05	700 Secs (700 Secs) [==>]	[1]
	5	B1-F05-UVI S-F275W	(9) N83-F05-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 05	720 Secs (720 Secs) [==>]	[1]
	6	B1-F02-WF C-F475W	(2) N83-F02-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 05	679 Secs (679 Secs) [==>]	[1]
	7	B1-F05-UVI S-F275W	(9) N83-F05-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 05	462 Secs (462 Secs) [==>]	[1]
8	B1-F02-WF C-F475W	(2) N83-F02-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 05	337 Secs (337 Secs) [==>]	[1]	



Proposal 17509 - Visit 06 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

Wed Feb 11 21:00:28 GMT 2026

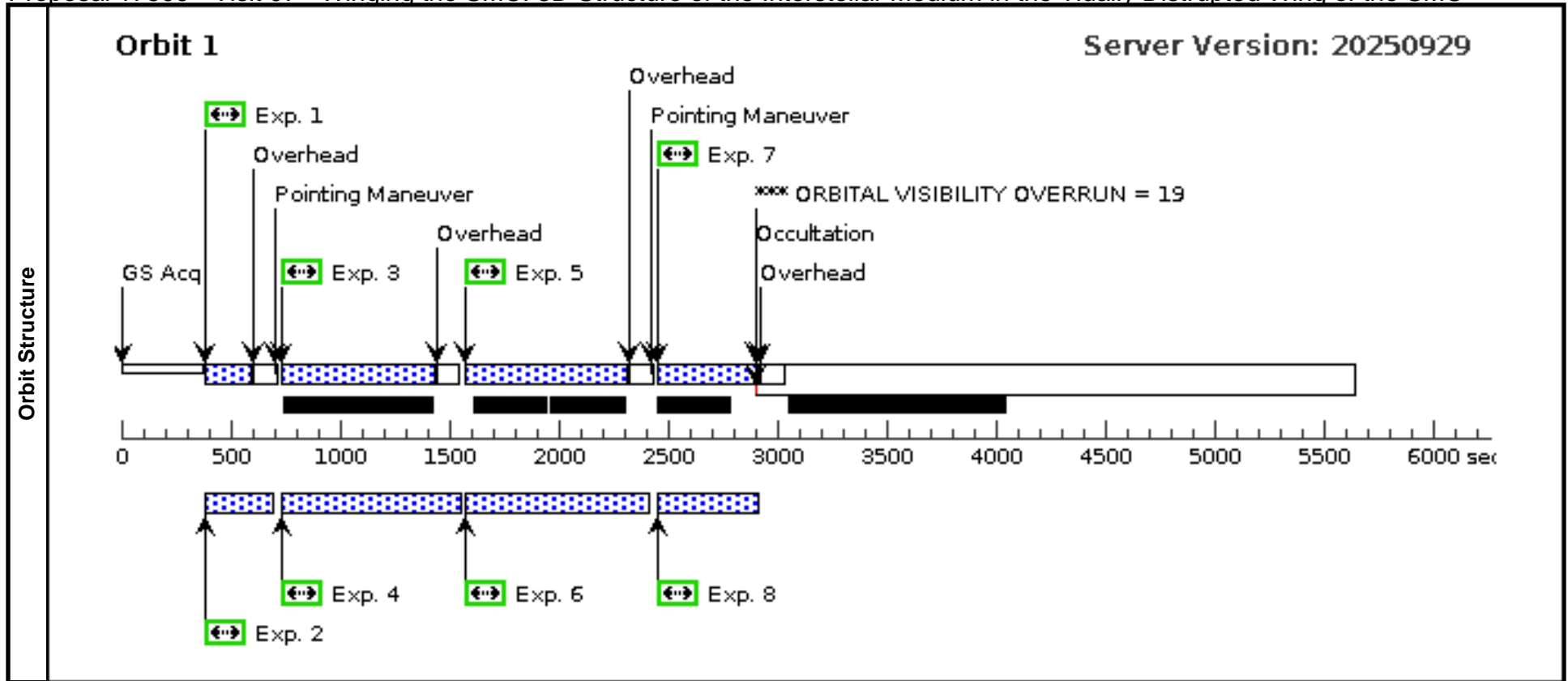
Visit	Proposal 17509, Visit 06, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 100D TO 100 D									
	(Visit 06) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	N83-F06-UVIS	RA: 01 14 58.8122 (18.7450508d) Dec: -73 21 15.69 (-73.35436d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
(14)	N83-F08-WFC	RA: 01 14 45.6465 (18.6901937d) Dec: -73 18 45.20 (-73.31256d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F06-UVI S-F336W	(11) N83-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 06	178 Secs (178 Secs) [==>]	[1]
	2	B1-F08-WF C-F814W-s hort	(14) N83-F08-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 06	104 Secs (104 Secs) [==>]	[1]
	3	B1-F06-UVI S-F336W	(11) N83-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 06	700 Secs (700 Secs) [==>]	[1]
	4	B1-F08-WF C-F814W	(14) N83-F08-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 06	700 Secs (700 Secs) [==>]	[1]
	5	B1-F06-UVI S-F275W	(11) N83-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 06	720 Secs (720 Secs) [==>]	[1]
	6	B1-F08-WF C-F475W	(14) N83-F08-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 06	679 Secs (679 Secs) [==>]	[1]
	7	B1-F06-UVI S-F275W	(11) N83-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 06	462 Secs (462 Secs) [==>]	[1]
8	B1-F08-WF C-F475W	(14) N83-F08-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 06	337 Secs (337 Secs) [==>]	[1]	



Proposal 17509 - Visit 07 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

Wed Feb 11 21:00:28 GMT 2026

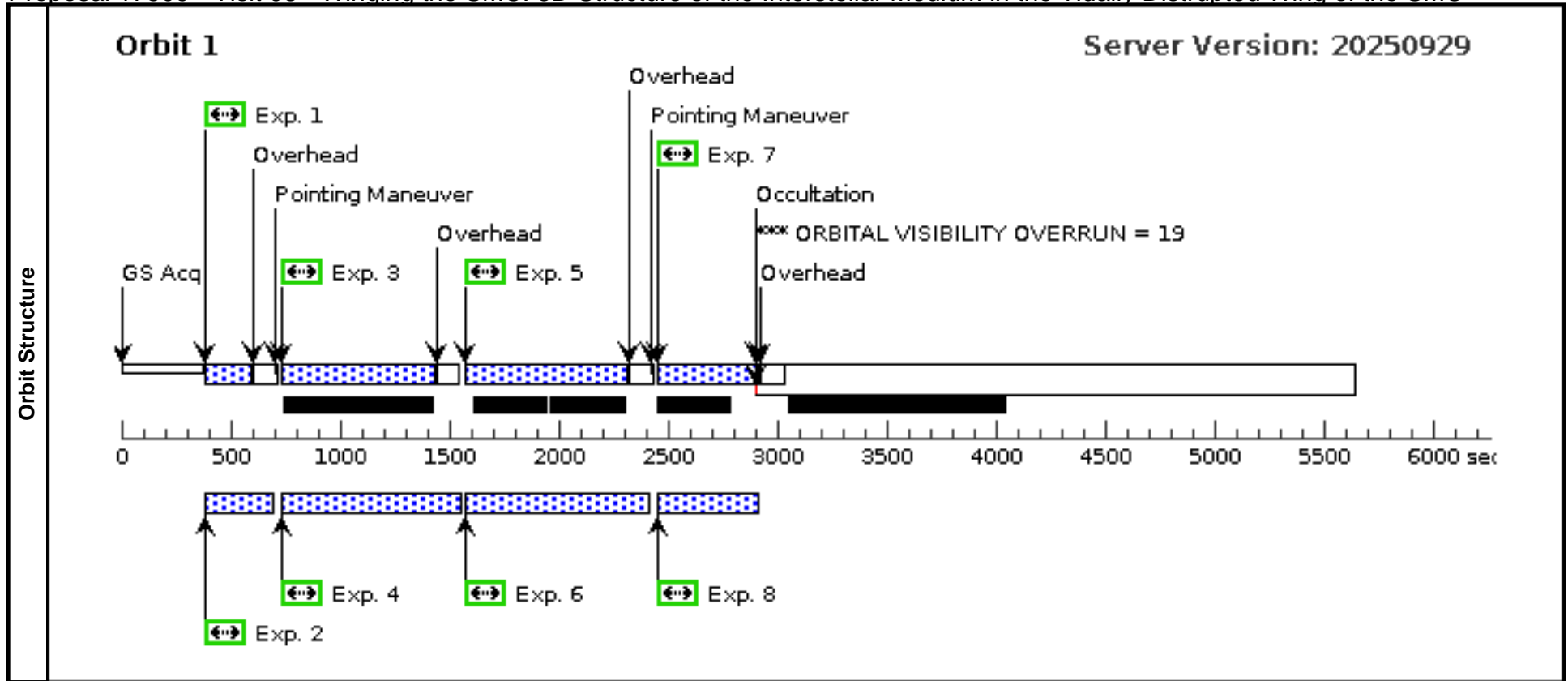
Visit	Proposal 17509, Visit 07, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 100D TO 100 D									
	(Visit 07) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(13)	N83-F07-UVIS	RA: 01 14 39.8238 (18.6659325d) Dec: -73 19 17.62 (-73.32156d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
(16)	N83-F09-WFC	RA: 01 14 19.9040 (18.5829333d) Dec: -73 17 11.62 (-73.28656d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F07-UVI S-F336W	(13) N83-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 07	178 Secs (178 Secs) [==>]	[1]
	2	B1-F09-WF C-F814W-s hort	(16) N83-F09-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 07	104 Secs (104 Secs) [==>]	[1]
	3	B1-F07-UVI S-F336W	(13) N83-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 07	700 Secs (700 Secs) [==>]	[1]
	4	B1-F09-WF C-F814W	(16) N83-F09-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 07	700 Secs (700 Secs) [==>]	[1]
	5	B1-F07-UVI S-F275W	(13) N83-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 07	720 Secs (720 Secs) [==>]	[1]
	6	B1-F09-WF C-F475W	(16) N83-F09-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 07	679 Secs (679 Secs) [==>]	[1]
	7	B1-F07-UVI S-F275W	(13) N83-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 07	462 Secs (462 Secs) [==>]	[1]
8	B1-F09-WF C-F475W	(16) N83-F09-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 07	337 Secs (337 Secs) [==>]	[1]	



Proposal 17509 - Visit 08 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

Wed Feb 11 21:00:28 GMT 2026

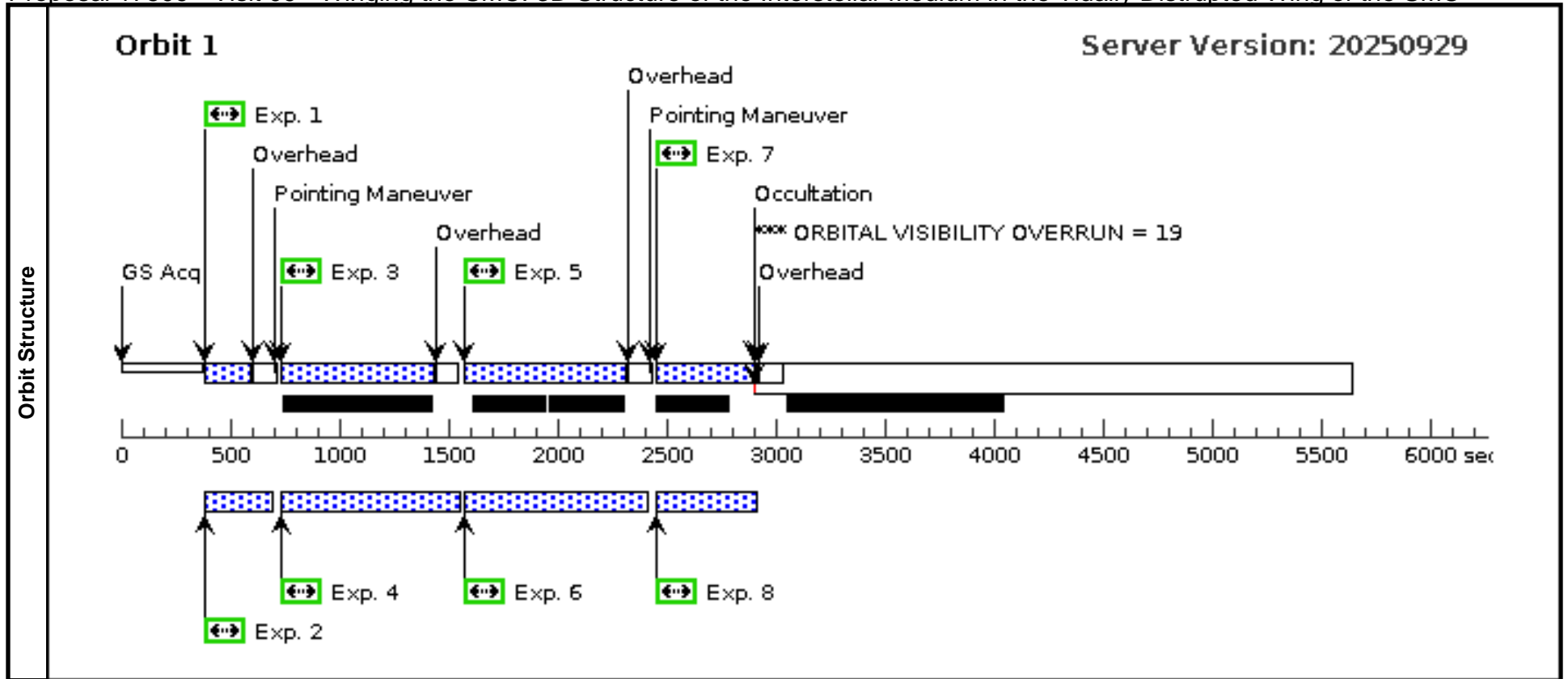
Visit	Proposal 17509, Visit 08, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 100D TO 100 D									
	(Visit 08) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(15)	N83-F08-UVIS	RA: 01 14 20.5653 (18.5856888d) Dec: -73 17 21.08 (-73.28919d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
(18)	N83-F10-WFC	RA: 01 13 54.2003 (18.4758346d) Dec: -73 15 38.05 (-73.26057d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F08-UVI S-F336W	(15) N83-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 08	178 Secs (178 Secs) [==>]	[1]
	2	B1-F10-WF C-F814W-s hort	(18) N83-F10-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 08	104 Secs (104 Secs) [==>]	[1]
	3	B1-F08-UVI S-F336W	(15) N83-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 08	700 Secs (700 Secs) [==>]	[1]
	4	B1-F10-WF C-F814W	(18) N83-F10-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 08	700 Secs (700 Secs) [==>]	[1]
	5	B1-F08-UVI S-F275W	(15) N83-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 08	720 Secs (720 Secs) [==>]	[1]
	6	B1-F10-WF C-F475W	(18) N83-F10-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 08	679 Secs (679 Secs) [==>]	[1]
	7	B1-F08-UVI S-F275W	(15) N83-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 08	462 Secs (462 Secs) [==>]	[1]
8	B1-F10-WF C-F475W	(18) N83-F10-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 08	337 Secs (337 Secs) [==>]	[1]	



Proposal 17509 - Visit 09 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

Wed Feb 11 21:00:28 GMT 2026

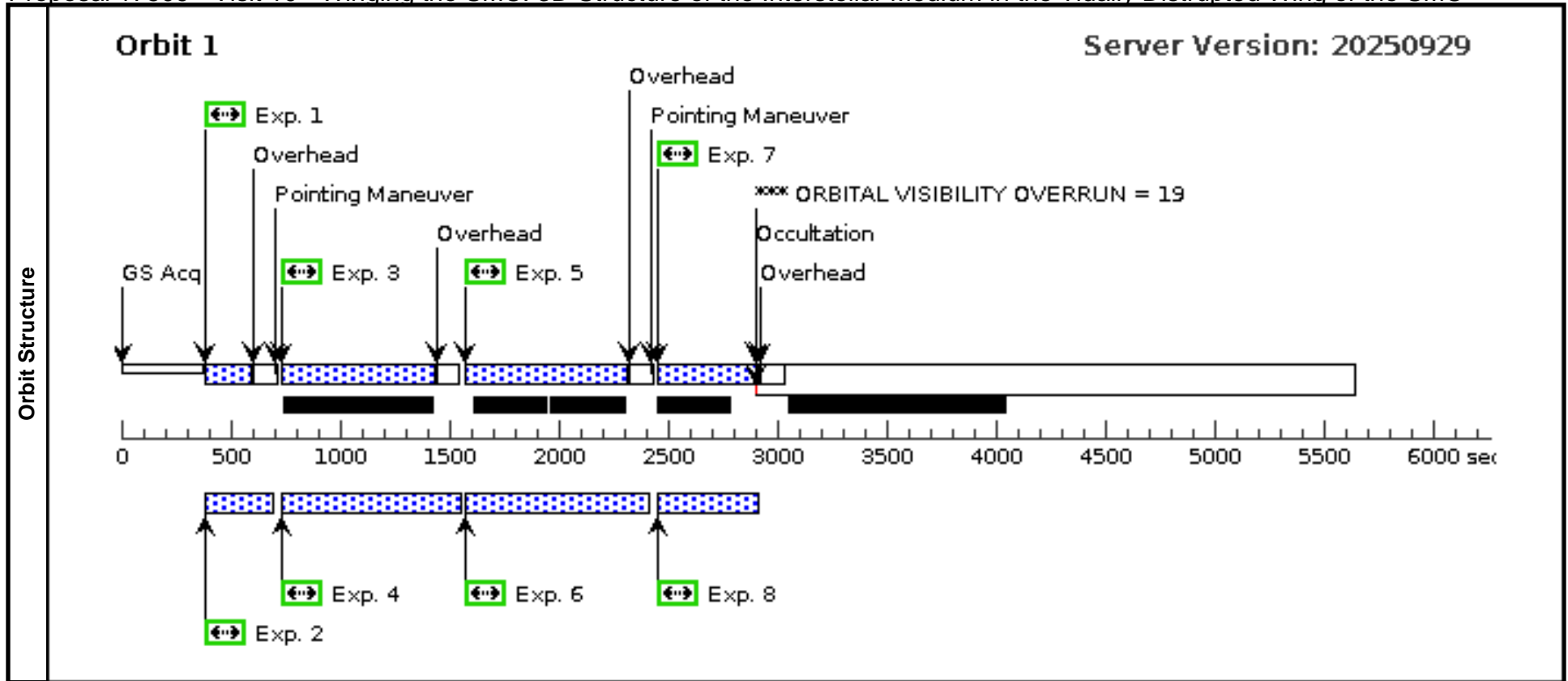
Visit	Proposal 17509, Visit 09, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 280D TO 280 D									
	(Visit 09) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(17)	N83-F09-UVIS	RA: 01 14 1.7051 (18.5071046d) Dec: -73 15 18.25 (-73.25507d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
(20)	N83-F06-WFC	RA: 01 13 28.5351 (18.3688963d) Dec: -73 14 4.48 (-73.23458d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F09-UVI S-F336W	(17) N83-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 09	178 Secs (178 Secs) [==>]	[1]
	2	B1-F06-WF C-F814W-s hort	(20) N83-F06-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 09	104 Secs (104 Secs) [==>]	[1]
	3	B1-F09-UVI S-F336W	(17) N83-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 09	700 Secs (700 Secs) [==>]	[1]
	4	B1-F06-WF C-F814W	(20) N83-F06-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 09	700 Secs (700 Secs) [==>]	[1]
	5	B1-F09-UVI S-F275W	(17) N83-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 09	720 Secs (720 Secs) [==>]	[1]
	6	B1-F06-WF C-F475W	(20) N83-F06-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 09	679 Secs (679 Secs) [==>]	[1]
	7	B1-F09-UVI S-F275W	(17) N83-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 09	462 Secs (462 Secs) [==>]	[1]
8	B1-F06-WF C-F475W	(20) N83-F06-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 09	337 Secs (337 Secs) [==>]	[1]	



Proposal 17509 - Visit 10 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

Wed Feb 11 21:00:28 GMT 2026

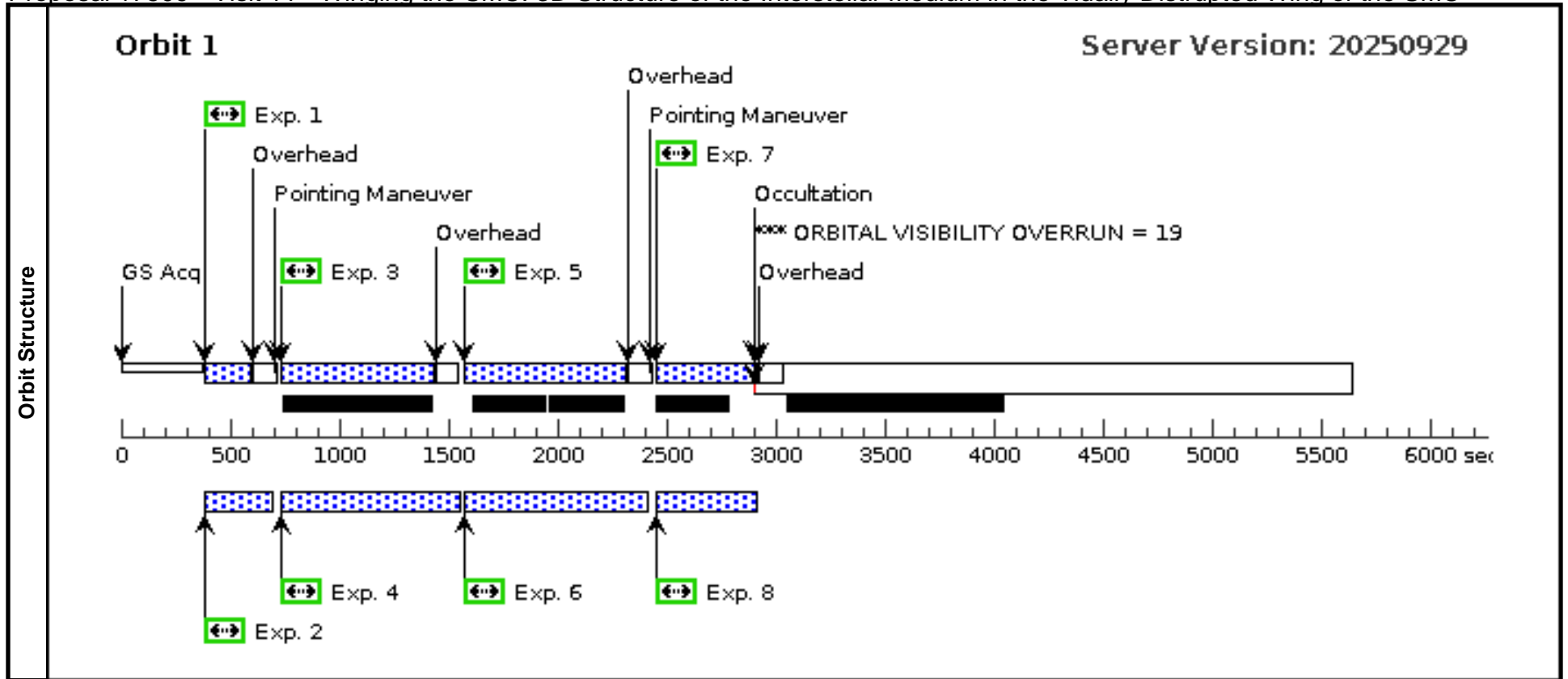
Visit	Proposal 17509, Visit 10, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 280D TO 280 D									
	(Visit 10) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(12)	N83-F07-WFC	RA: 01 15 11.4278 (18.7976158d) Dec: -73 20 18.77 (-73.33855d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]									
	(19)	N83-F10-UVIS	RA: 01 13 42.5470 (18.4272792d) Dec: -73 13 19.00 (-73.22194d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F10-UVI S-F336W	(19) N83-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 10	178 Secs (178 Secs) [==>]	[1]
	2	B1-F07-WF C-F814W-s hort	(12) N83-F07-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 10	104 Secs (104 Secs) [==>]	[1]
	3	B1-F10-UVI S-F336W	(19) N83-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 10	700 Secs (700 Secs) [==>]	[1]
	4	B1-F07-WF C-F814W	(12) N83-F07-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 10	700 Secs (700 Secs) [==>]	[1]
	5	B1-F10-UVI S-F275W	(19) N83-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 10	720 Secs (720 Secs) [==>]	[1]
	6	B1-F07-WF C-F475W	(12) N83-F07-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 10	679 Secs (679 Secs) [==>]	[1]
	7	B1-F10-UVI S-F275W	(19) N83-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 10	462 Secs (462 Secs) [==>]	[1]
	8	B1-F07-WF C-F475W	(12) N83-F07-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 10	337 Secs (337 Secs) [==>]	[1]



Proposal 17509 - Visit 11 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

Wed Feb 11 21:00:28 GMT 2026

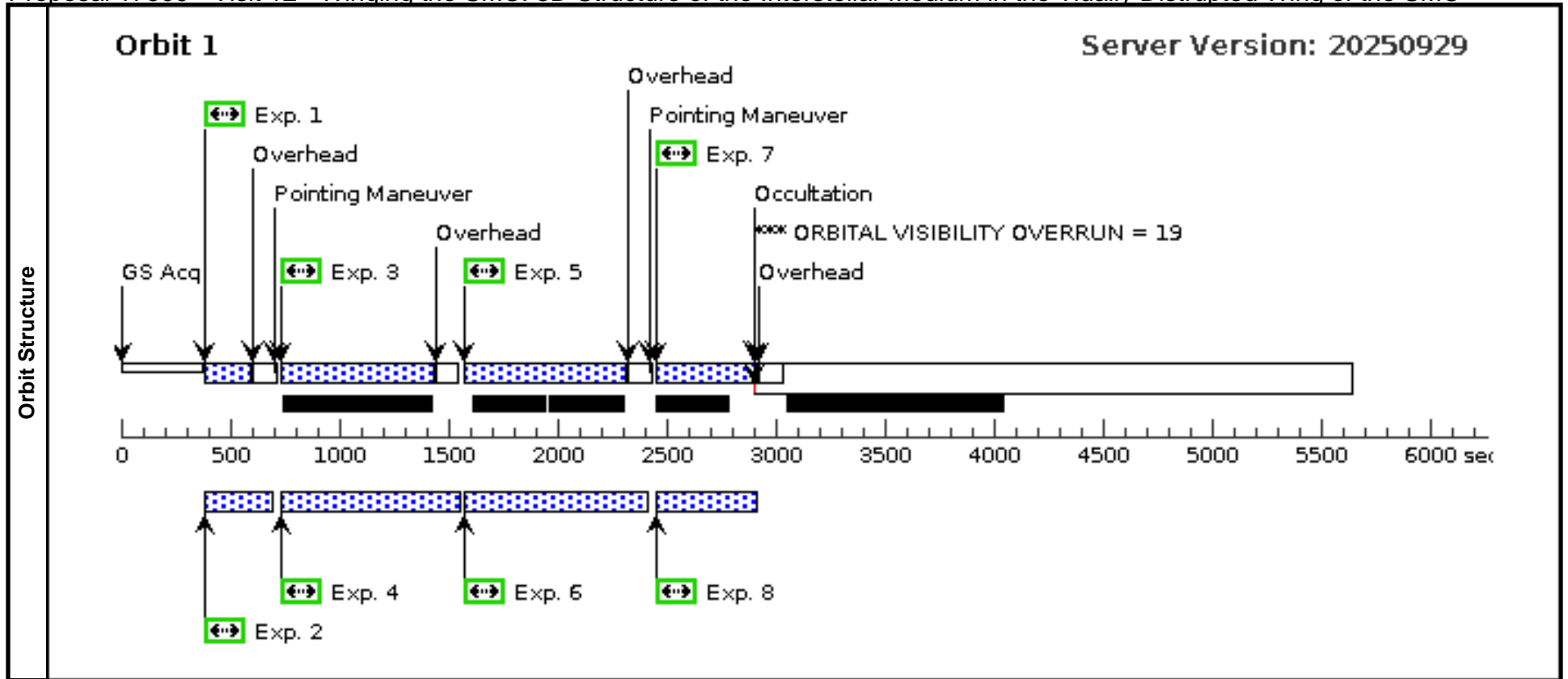
Visit	Proposal 17509, Visit 11, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 100D TO 100 D									
	(Visit 11) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(21)	N83-F11-UVIS	RA: 01 14 30.4022 (18.6266758d) Dec: -73 22 28.90 (-73.37469d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]									
	(24)	N83-F13-WFC	RA: 01 14 23.4671 (18.5977796d) Dec: -73 20 38.76 (-73.34410d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F11-UVI S-F336W	(21) N83-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 11	178 Secs (178 Secs) [==>]	[1]
	2	B1-F13-WF C-F814W-s hort	(24) N83-F13-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 11	104 Secs (104 Secs) [==>]	[1]
	3	B1-F11-UVI S-F336W	(21) N83-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 11	700 Secs (700 Secs) [==>]	[1]
	4	B1-F13-WF C-F814W	(24) N83-F13-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 11	700 Secs (700 Secs) [==>]	[1]
	5	B1-F11-UVI S-F275W	(21) N83-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 11	720 Secs (720 Secs) [==>]	[1]
	6	B1-F13-WF C-F475W	(24) N83-F13-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 11	679 Secs (679 Secs) [==>]	[1]
	7	B1-F11-UVI S-F275W	(21) N83-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 11	462 Secs (462 Secs) [==>]	[1]
	8	B1-F13-WF C-F475W	(24) N83-F13-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 11	337 Secs (337 Secs) [==>]	[1]



Proposal 17509 - Visit 12 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

Wed Feb 11 21:00:28 GMT 2026

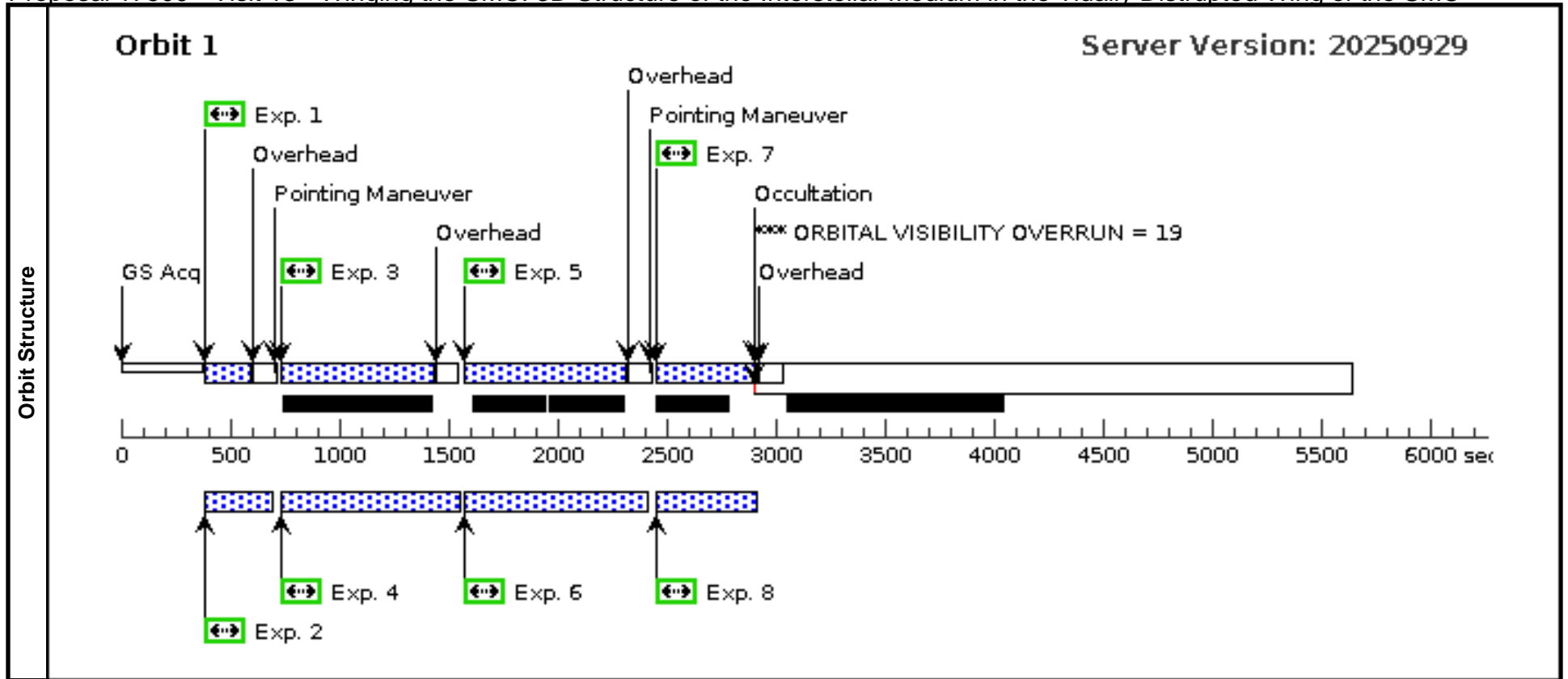
Visit	Proposal 17509, Visit 12, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 100D TO 100 D									
	(Visit 12) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(23)	N83-F12-UVIS	RA: 01 14 11.1132 (18.5463050d) Dec: -73 20 28.87 (-73.34135d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
(26)	N83-F14-WFC	RA: 01 13 57.7582 (18.4906592d) Dec: -73 19 5.19 (-73.31811d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F12-UVI S-F336W	(23) N83-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 12	178 Secs (178 Secs) [==>]	[1]
	2	B1-F14-WF C-F814W-s hort	(26) N83-F14-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 12	104 Secs (104 Secs) [==>]	[1]
	3	B1-F12-UVI S-F336W	(23) N83-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 12	700 Secs (700 Secs) [==>]	[1]
	4	B1-F14-WF C-F814W	(26) N83-F14-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 12	700 Secs (700 Secs) [==>]	[1]
	5	B1-F12-UVI S-F275W	(23) N83-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 12	720 Secs (720 Secs) [==>]	[1]
	6	B1-F14-WF C-F475W	(26) N83-F14-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 12	679 Secs (679 Secs) [==>]	[1]
	7	B1-F12-UVI S-F275W	(23) N83-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 12	462 Secs (462 Secs) [==>]	[1]
8	B1-F14-WF C-F475W	(26) N83-F14-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 12	337 Secs (337 Secs) [==>]	[1]	



Proposal 17509 - Visit 13 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

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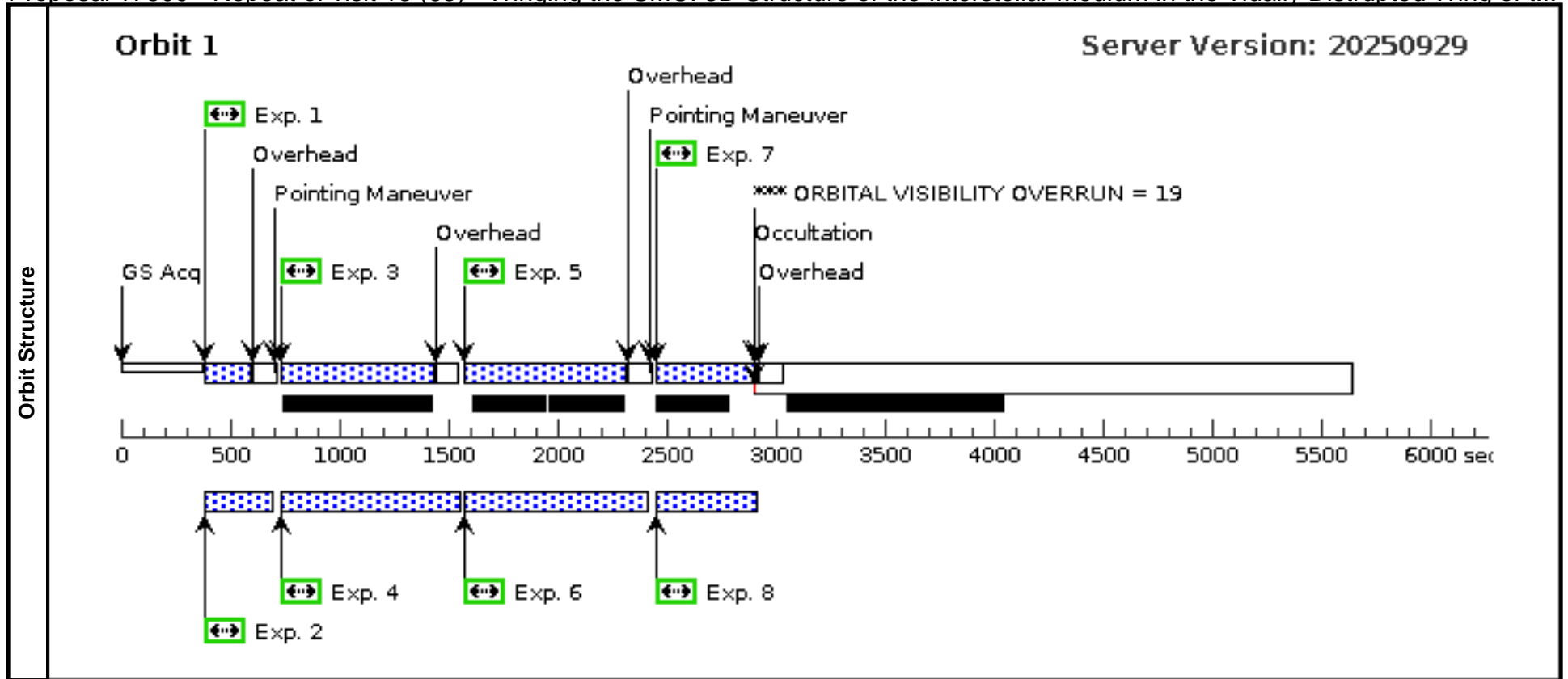
Visit	Proposal 17509, Visit 13, failed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 100D TO 100 D									
	(Visit 13) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(25)	N83-F13-UVIS	RA: 01 13 54.5757 (18.4773988d) Dec: -73 18 28.36 (-73.30788d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
(28)	N83-F15-WFC	RA: 01 13 32.0879 (18.3836996d) Dec: -73 17 31.62 (-73.29212d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F13-UVI S-F336W	(25) N83-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 13	178 Secs (178 Secs) [==>]	[1]
	2	B1-F15-WF C-F814W-s hort	(28) N83-F15-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 13	104 Secs (104 Secs) [==>]	[1]
	3	B1-F13-UVI S-F336W	(25) N83-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 13	700 Secs (700 Secs) [==>]	[1]
	4	B1-F15-WF C-F814W	(28) N83-F15-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 13	700 Secs (700 Secs) [==>]	[1]
	5	B1-F13-UVI S-F275W	(25) N83-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 13	720 Secs (720 Secs) [==>]	[1]
	6	B1-F15-WF C-F475W	(28) N83-F15-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 13	679 Secs (679 Secs) [==>]	[1]
	7	B1-F13-UVI S-F275W	(25) N83-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 13	462 Secs (462 Secs) [==>]	[1]
8	B1-F15-WF C-F475W	(28) N83-F15-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 13	337 Secs (337 Secs) [==>]	[1]	



Proposal 17509 - Repeat of visit 13 (63) - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of t...

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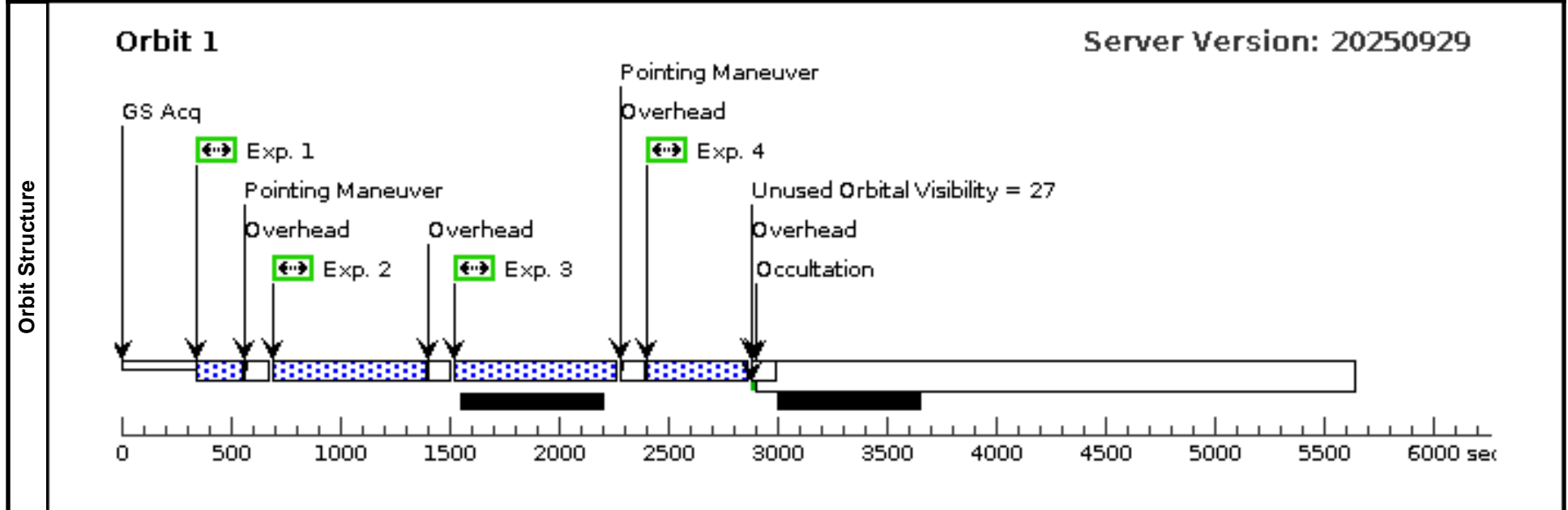
Visit	Proposal 17509, Repeat of visit 13 (63), failed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 100D TO 100 D <i>Comments: This visit will repeat visit 13 which failed.</i>									
	Diagnostics	(Repeat of visit 13 (63)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(25)	N83-F13-UVIS	RA: 01 13 54.5757 (18.4773988d) Dec: -73 18 28.36 (-73.30788d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
<i>Comments:</i> Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
(28)	N83-F15-WFC	RA: 01 13 32.0879 (18.3836996d) Dec: -73 17 31.62 (-73.29212d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
<i>Comments:</i> Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F13-UVI S-F336W	(25) N83-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Repeat of v isit 13 (63)	178 Secs (178 Secs) [==>]	[1]
	2	B1-F15-WF C-F814W-s hort	(28) N83-F15-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Repeat of v isit 13 (63)	104 Secs (104 Secs) [==>]	[1]
	3	B1-F13-UVI S-F336W	(25) N83-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Repeat of v isit 13 (63)	700 Secs (700 Secs) [==>]	[1]
	4	B1-F15-WF C-F814W	(28) N83-F15-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Repeat of v isit 13 (63)	700 Secs (700 Secs) [==>]	[1]
	5	B1-F13-UVI S-F275W	(25) N83-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Repeat of v isit 13 (63)	720 Secs (720 Secs) [==>]	[1]
	6	B1-F15-WF C-F475W	(28) N83-F15-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Repeat of v isit 13 (63)	679 Secs (679 Secs) [==>]	[1]
	7	B1-F13-UVI S-F275W	(25) N83-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Repeat of v isit 13 (63)	462 Secs (462 Secs) [==>]	[1]
	8	B1-F15-WF C-F475W	(28) N83-F15-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Repeat of v isit 13 (63)	337 Secs (337 Secs) [==>]	[1]



Visit	Proposal 17509, Repeat of visit 63 (A3), implementation				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; ORIENT 179D TO 191 D; ORIENT 273.5D TO 283.5 D; ORIENT 1.5D TO 12.5 D <i>Comments: This visit will repeat visit 63 which failed.</i>				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(25)	N83-F13-UVIS	RA: 01 13 54.5757 (18.4773988d) Dec: -73 18 28.36 (-73.30788d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS
<i>Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]</i>						

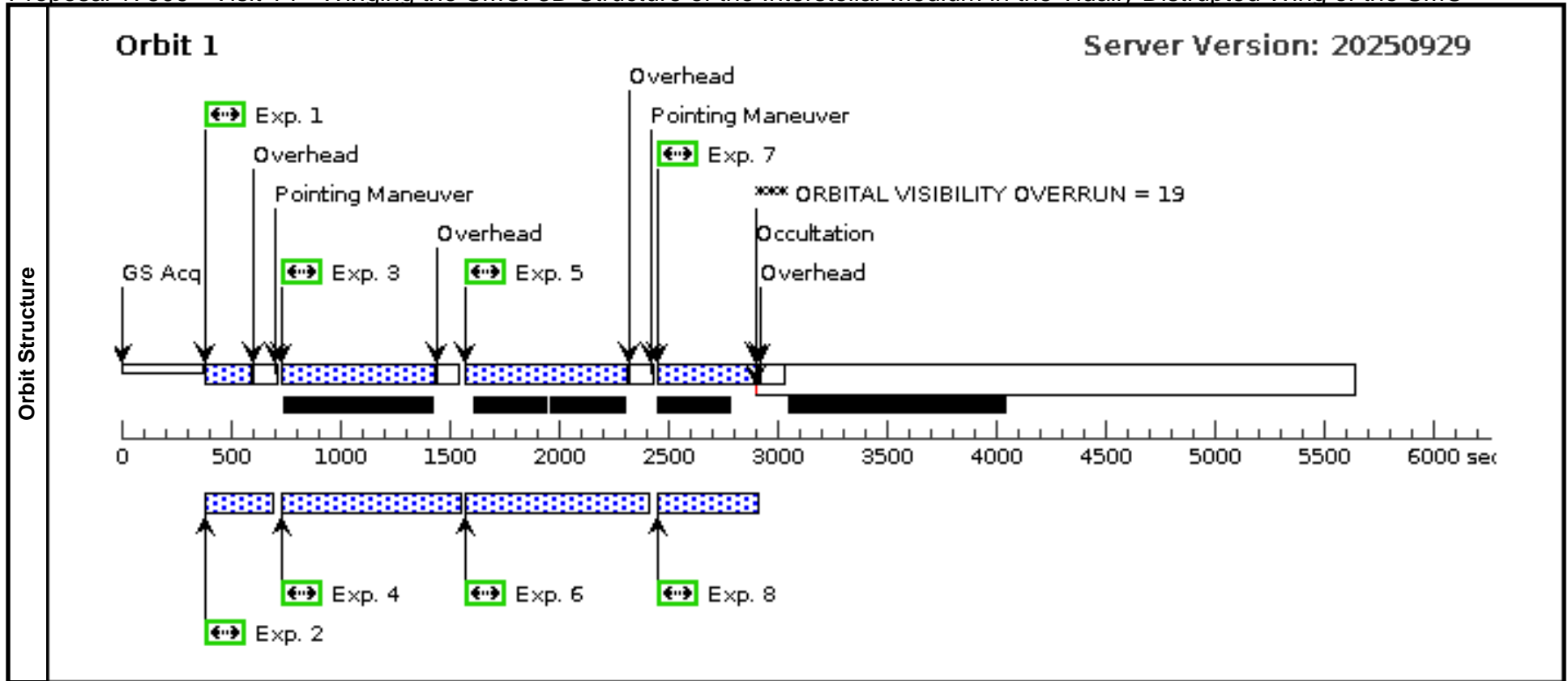
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F13-UVI S-F336W	(25) N83-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0		178 Secs (178 Secs)	[1]
	2	B1-F13-UVI S-F336W	(25) N83-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475		700 Secs (700 Secs)	[1]
	3	B1-F13-UVI S-F275W	(25) N83-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475		720 Secs (720 Secs)	[1]
	4	B1-F13-UVI S-F275W	(25) N83-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0		462 Secs (462 Secs)	[1]



Proposal 17509 - Visit 14 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

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Visit	Proposal 17509, Visit 14, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 280D TO 280 D									
	(Visit 14) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(27)	N83-F14-UVIS	RA: 01 13 33.3138 (18.3888075d) Dec: -73 16 33.68 (-73.27602d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
(30)	N83-F11-WFC	RA: 01 13 6.4561 (18.2769004d) Dec: -73 15 58.05 (-73.26612d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
Comments: Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F14-UVI S-F336W	(27) N83-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 14	178 Secs (178 Secs) [==>]	[1]
	2	B1-F11-WF C-F814W-s hort	(30) N83-F11-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 14	104 Secs (104 Secs) [==>]	[1]
	3	B1-F14-UVI S-F336W	(27) N83-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 14	700 Secs (700 Secs) [==>]	[1]
	4	B1-F11-WF C-F814W	(30) N83-F11-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 14	700 Secs (700 Secs) [==>]	[1]
	5	B1-F14-UVI S-F275W	(27) N83-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 14	720 Secs (720 Secs) [==>]	[1]
	6	B1-F11-WF C-F475W	(30) N83-F11-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 14	679 Secs (679 Secs) [==>]	[1]
	7	B1-F14-UVI S-F275W	(27) N83-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 14	462 Secs (462 Secs) [==>]	[1]
8	B1-F11-WF C-F475W	(30) N83-F11-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 14	337 Secs (337 Secs) [==>]	[1]	



Proposal 17509 - Visit 15 - Winging the SMC: 3D Structure of the Interstellar Medium in the Tidally Distrupted Wing of the SMC

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Visit	Proposal 17509, Visit 15, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 280D TO 280 D									
	Diagnostics	(Visit 15) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(22)	N83-F12-WFC	RA: 01 14 49.2147 (18.7050612d) Dec: -73 22 12.34 (-73.37009d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS			
	<i>Comments:</i> Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]									
	(29)	N83-F15-UVIS	RA: 01 13 13.7931 (18.3074713d) Dec: -73 14 32.58 (-73.24238d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=EXT-MEDIUM Description=[HII REGION, MOLECULAR CLOUD, STAR FORMING REGION]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	B1-F15-UVI S-F336W	(29) N83-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Gro up 1-2 in Visit 15	178 Secs (178 Secs) [==>]	[1]
	2	B1-F12-WF C-F814W-s hort	(22) N83-F12-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 1-2 in Visit 15	104 Secs (104 Secs) [==>]	[1]
	3	B1-F15-UVI S-F336W	(29) N83-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 3-4 in Visit 15	700 Secs (700 Secs) [==>]	[1]
	4	B1-F12-WF C-F814W	(22) N83-F12-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Gro up 3-4 in Visit 15	700 Secs (700 Secs) [==>]	[1]
	5	B1-F15-UVI S-F275W	(29) N83-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Gro up 5-6 in Visit 15	720 Secs (720 Secs) [==>]	[1]
	6	B1-F12-WF C-F475W	(22) N83-F12-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 5-6 in Visit 15	679 Secs (679 Secs) [==>]	[1]
	7	B1-F15-UVI S-F275W	(29) N83-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Gro up 7-8 in Visit 15	462 Secs (462 Secs) [==>]	[1]
	8	B1-F12-WF C-F475W	(22) N83-F12-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Gro up 7-8 in Visit 15	337 Secs (337 Secs) [==>]	[1]

