



17743 - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Cycle: 32, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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Dr. Daniel Scolnic (CoI)	Duke University
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Dr. David Moise Nataf (CoI)	University of Iowa
Dr. Javier Horacio Minniti (CoI)	The Johns Hopkins University

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) N1559	WFC3/UVIS	1	24-Feb-2025 14:00:14.0	yes
02	(1) N1559	WFC3/UVIS	1	24-Feb-2025 14:00:15.0	yes
03	(1) N1559	WFC3/UVIS	1	24-Feb-2025 14:00:15.0	yes
04	(1) N1559	WFC3/UVIS	1	24-Feb-2025 14:00:15.0	yes

Proposal 17743 (STScI Edit Number: 4, Created: Monday, February 24, 2025, 2:00:27PM 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>
05	(2) N2525	WFC3/UVIS	1	24-Feb-2025 14:00:16.0	yes
06	(2) N2525	WFC3/UVIS	1	24-Feb-2025 14:00:16.0	yes
07	(2) N2525	WFC3/UVIS	1	24-Feb-2025 14:00:17.0	yes
08	(2) N2525	WFC3/UVIS	1	24-Feb-2025 14:00:17.0	yes
88	(2) N2525	WFC3/UVIS	1	24-Feb-2025 14:00:17.0	yes
09	(3) N3370	WFC3/UVIS	1	24-Feb-2025 14:00:18.0	yes
10	(3) N3370	WFC3/UVIS	1	24-Feb-2025 14:00:18.0	yes
11	(3) N3370	WFC3/UVIS	1	24-Feb-2025 14:00:19.0	yes
12	(4) N3447TWEAK	WFC3/UVIS	1	24-Feb-2025 14:00:19.0	yes
13	(4) N3447TWEAK	WFC3/UVIS	1	24-Feb-2025 14:00:20.0	yes
14	(4) N3447TWEAK	WFC3/UVIS	1	24-Feb-2025 14:00:20.0	yes
15	(4) N3447TWEAK	WFC3/UVIS	1	24-Feb-2025 14:00:20.0	yes
16	(5) N4258TWEAK ANY	ACS/WFC WFC3/UVIS	1	24-Feb-2025 14:00:21.0	yes
17	(5) N4258TWEAK ANY	ACS/WFC WFC3/UVIS	1	24-Feb-2025 14:00:22.0	yes
18	(5) N4258TWEAK ANY	ACS/WFC WFC3/UVIS	1	24-Feb-2025 14:00:22.0	yes
19	(6) N5457F2	WFC3/UVIS	1	24-Feb-2025 14:00:23.0	yes
20	(6) N5457F2	WFC3/UVIS	1	24-Feb-2025 14:00:24.0	yes
21	(6) N5457F2	WFC3/UVIS	1	24-Feb-2025 14:00:24.0	yes
22	(7) N5584	WFC3/UVIS	1	24-Feb-2025 14:00:25.0	yes
23	(7) N5584	WFC3/UVIS	1	24-Feb-2025 14:00:25.0	yes
24	(7) N5584	WFC3/UVIS	1	24-Feb-2025 14:00:25.0	yes
25	(7) N5584	WFC3/UVIS	1	24-Feb-2025 14:00:26.0	yes
26	(8) N5643	WFC3/UVIS	1	24-Feb-2025 14:00:26.0	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>
27	(8) N5643	WFC3/UVIS	1	24-Feb-2025 14:00:26.0	yes
28	(8) N5643	WFC3/UVIS	1	24-Feb-2025 14:00:27.0	yes

29 Total Orbits Used

ABSTRACT

Observations of standard candles are essential in modern cosmology for obtaining precise distance measurements. They form the foundation of our understanding of dark energy, local structures, and the perplexing "Hubble Tension". Nevertheless, the accuracy of these measurements is limited by the prevalent assumption of universal Milky Way dust properties and conflicting indications regarding extragalactic dust. In particular, empirical estimates from SN Ia indicate a far lower total-to-selective extinction ratio (R_V) and thus different dust compared to galaxy-based indicators for the same hosts. This inconsistency and the uncertainties surrounding the nature of the dust obstructing standard candles limits the precision in determining fundamental cosmological parameters such as the Hubble constant and the dark energy equation of state. To address this, we propose an innovative approach to use the wavelength span enabled by JWST and HST to directly and precisely measure the individual reddening laws of the hosts of SN Ia and widely used distance indicators.

Our program will observe over 1200 Cepheids in eight key galaxies, using HST to sample the blue side SEDs at 0.4 microns, tripling the present leverage, achieving R_V precision of 0.1 in the mean to resolve the existing discrepancy between SN Ia and galaxy-based measures. Cepheids, with their well-known spectral energy distributions and great luminosity, are ideal "standard crayons" for this purpose. By broadening the wavelength range and doubling the sampling of the reddening curve, we will elucidate the nature of the dust in each host to substantially improve our understanding of its role in cosmological measurements.

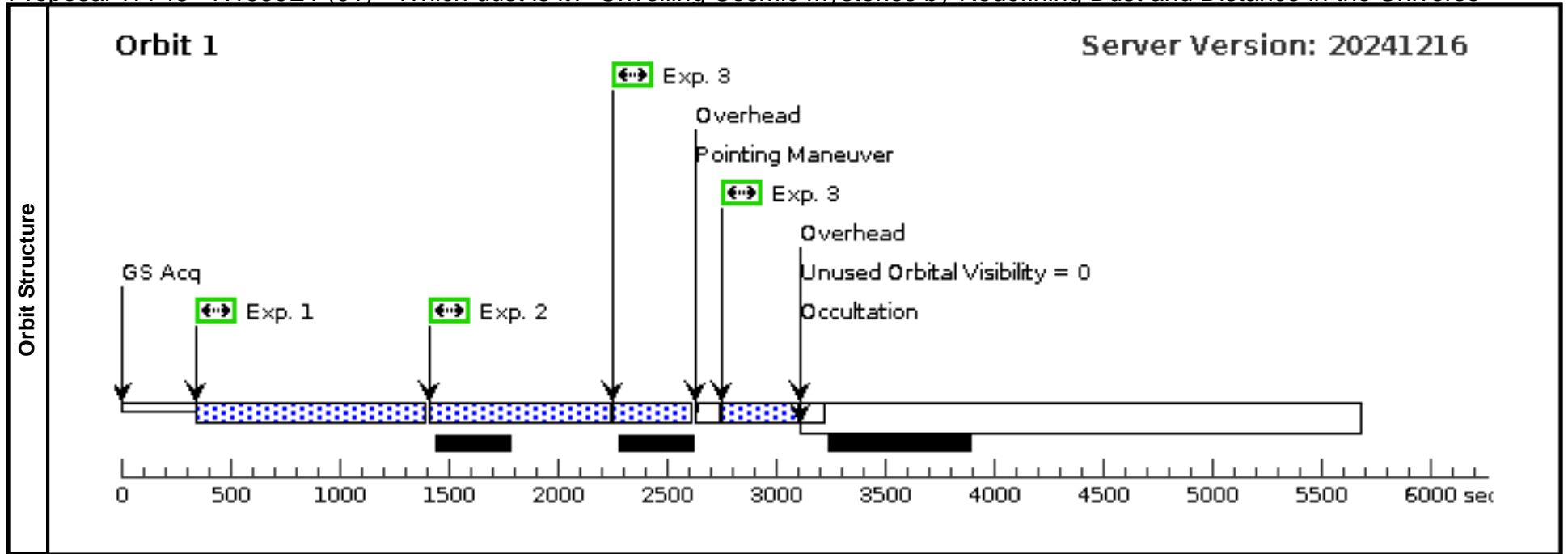
OBSERVING DESCRIPTION

Observe Cepheids in these galaxies

Proposal 17743 - N1559E1 (01) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:27 GMT 2025

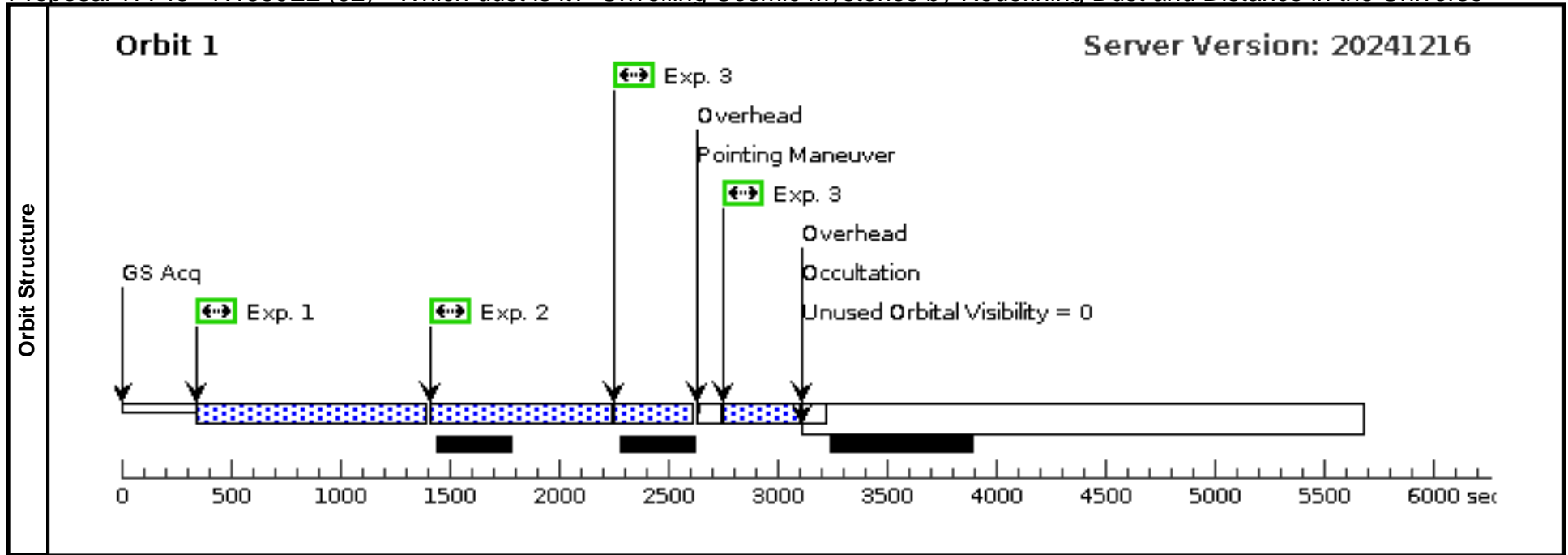
Visit	Proposal 17743, N1559E1 (01), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false					(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	N1559	RA: 04 17 37.5090 (64.4062875d) Dec: -62 46 56.25 (-62.78229d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(1) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N1559E1 (01)	900 Secs (900 Secs)		
									[==>]		[1]
	2	B	(1) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N1559E1 (01)	690 Secs (690 Secs)		
								[==>]		[1]	
3	R	(1) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N1559E1 (01)	350 Secs (700 Secs)			
							Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N1559E1 (01) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 17743 - N1559E2 (02) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

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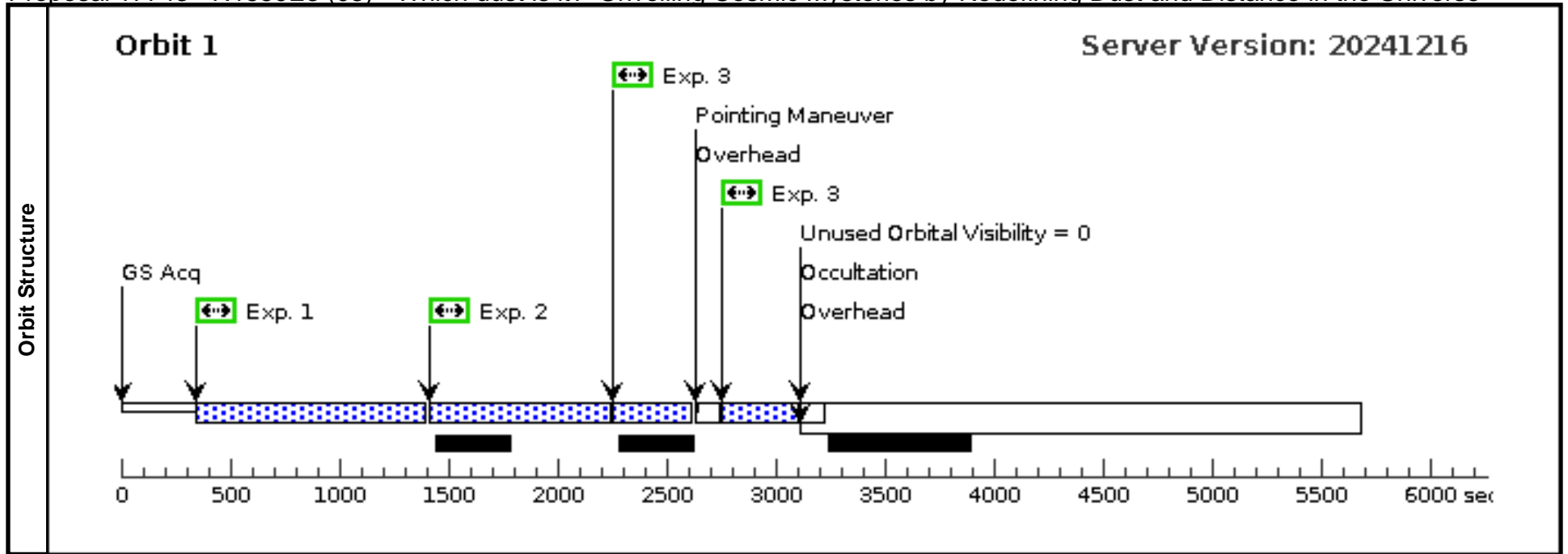
Visit	Proposal 17743, N1559E2 (02), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 01 BY 7 D TO 8.5 D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false					(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	N1559	RA: 04 17 37.5090 (64.4062875d) Dec: -62 46 56.25 (-62.78229d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(1) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N1559E2 (02)	900 Secs (900 Secs)		
									[==>]		[1]
	2	B	(1) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N1559E2 (02)	690 Secs (690 Secs)		
								[==>]		[1]	
3	R	(1) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N1559E2 (02)	350 Secs (700 Secs)			
							Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N1559E2 (02) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 17743 - N1559E3 (03) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

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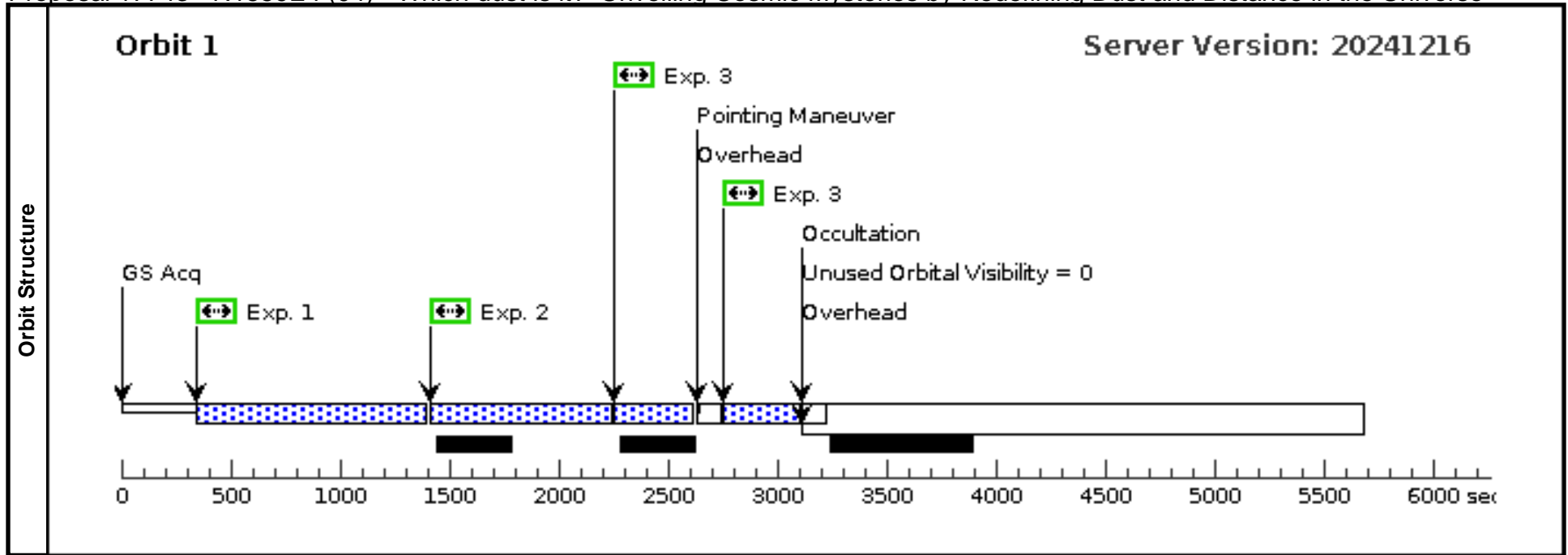
Visit	Proposal 17743, N1559E3 (03), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 01 BY 26.4 D TO 29.4 D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	N1559	RA: 04 17 37.5090 (64.4062875d) Dec: -62 46 56.25 (-62.78229d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(1) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N1559E3 (03)	900 Secs (900 Secs)		
									[==>]		[1]
	2	B	(1) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N1559E3 (03)	690 Secs (690 Secs)		
								[==>]		[1]	
3	R	(1) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N1559E3 (03)	350 Secs (700 Secs)			
							Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N1559E3 (03) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 17743 - N1559E4 (04) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

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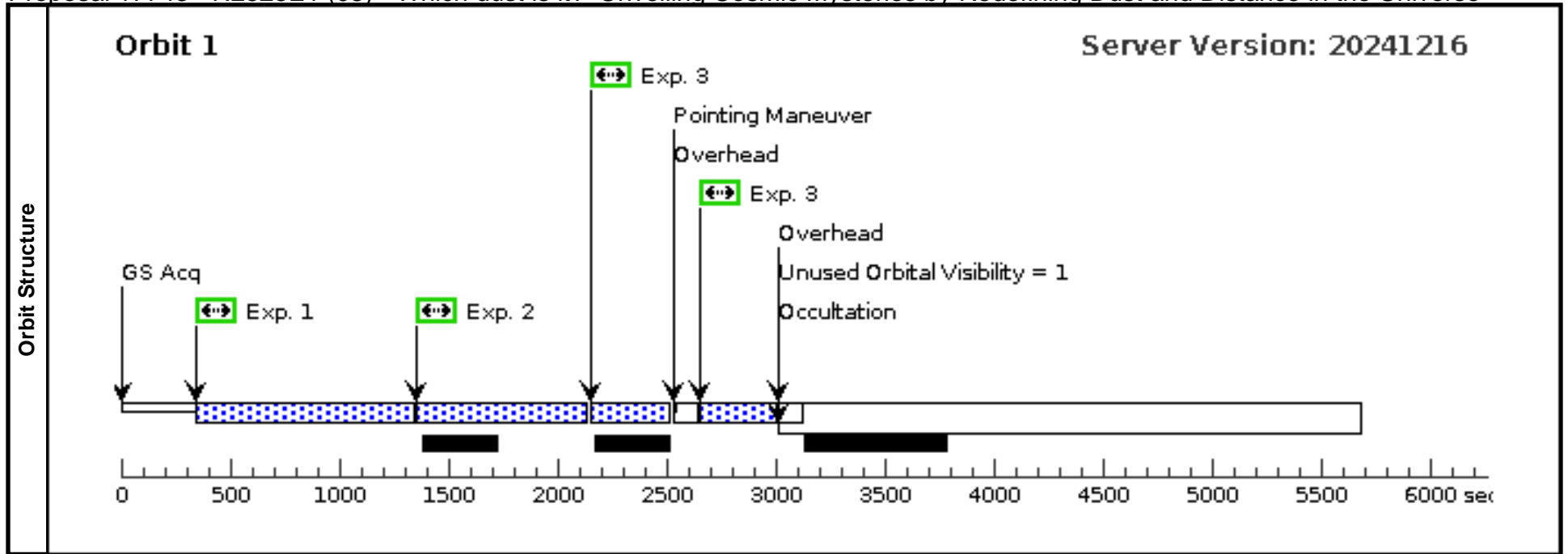
Visit	Proposal 17743, N1559E4 (04), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 01 BY 80.9 D TO 84.9 D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	N1559	RA: 04 17 37.5090 (64.4062875d) Dec: -62 46 56.25 (-62.78229d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(1) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N1559E4 (04)	900 Secs (900 Secs)		
									[==>]		[1]
	2	B	(1) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N1559E4 (04)	690 Secs (690 Secs)		
								[==>]		[1]	
3	R	(1) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N1559E4 (04)	350 Secs (700 Secs)			
							Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N1559E4 (04) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 17743 - N2525E1 (05) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

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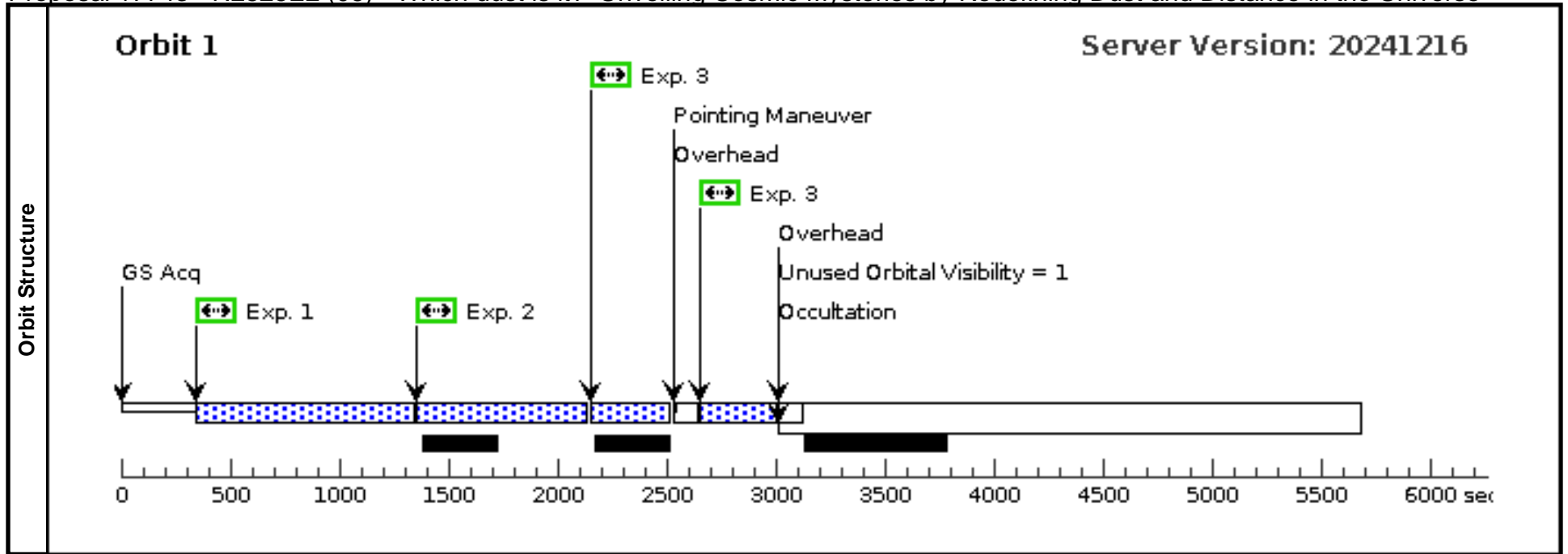
Visit	Proposal 17743, N2525E1 (05), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BEFORE 30-NOV-2024:00:00:00									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(2)	N2525	RA: 08 05 38.0398 (121.4084992d) Dec: -11 25 37.36 (-11.42704d) Equinox: J2000		Proper Motion RA: 0 mas/yr Proper Motion Dec: 0 mas/yr Epoch of Position: 2000		V=25	Reference Frame: ICRS		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i> Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	U	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N2525E1 (05)	845 Secs (845 Secs)	
									[==>]	[1]
	2	B	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N2525E1 (05)	640 Secs (640 Secs)	
								[==>]	[1]	
3	R	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N2525E1 (05)	350 Secs (700 Secs)		
							Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N2525E1 (05) (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]	



Proposal 17743 - N2525E2 (06) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

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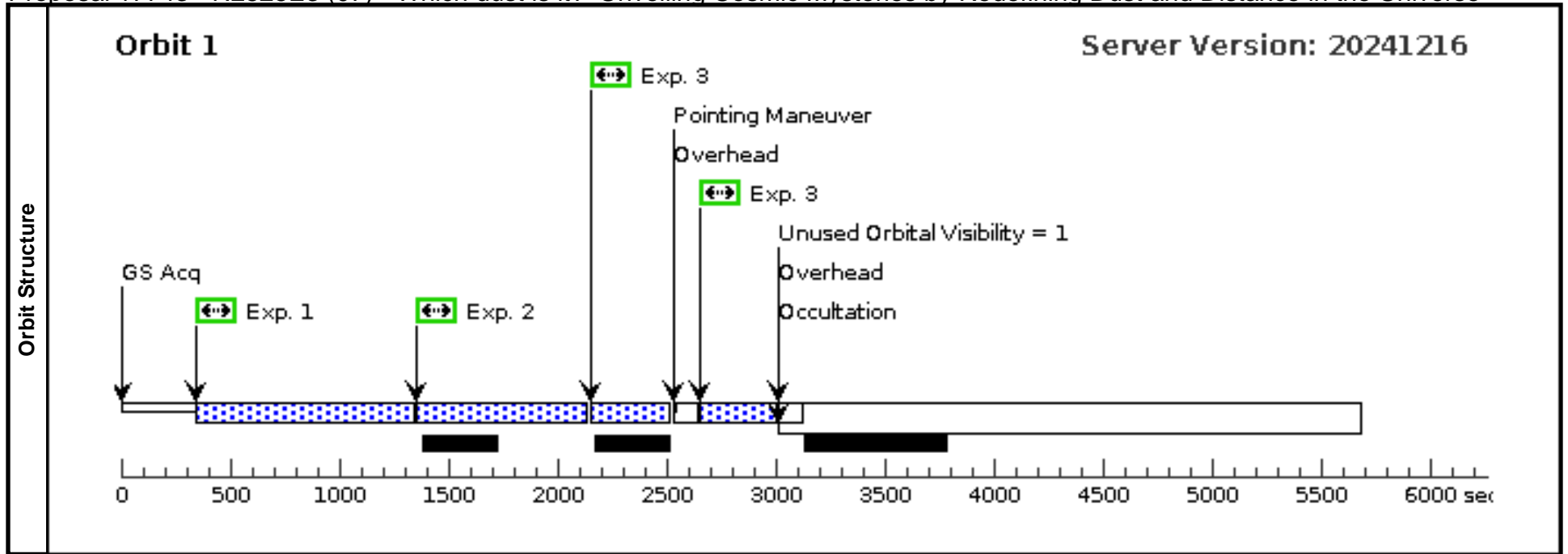
Visit	Proposal 17743, N2525E2 (06), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 05 BY 7 D TO 8.5 D									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(3)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(2)	N2525	RA: 08 05 38.0398 (121.4084992d) Dec: -11 25 37.36 (-11.42704d) Equinox: J2000		Proper Motion RA: 0 mas/yr Proper Motion Dec: 0 mas/yr Epoch of Position: 2000		V=25	Reference Frame: ICRS		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	U	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N2525E2 (06)	845 Secs (845 Secs)	
									[==>]	[1]
	2	B	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N2525E2 (06)	640 Secs (640 Secs)	
								[==>]	[1]	
3	R	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N2525E2 (06)	350 Secs (700 Secs)		
							Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N2525E2 (06)	[==>(Pattern 1)]		
							(1)	[==>(Pattern 2)]	[1]	



Proposal 17743 - N2525E3 (07) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

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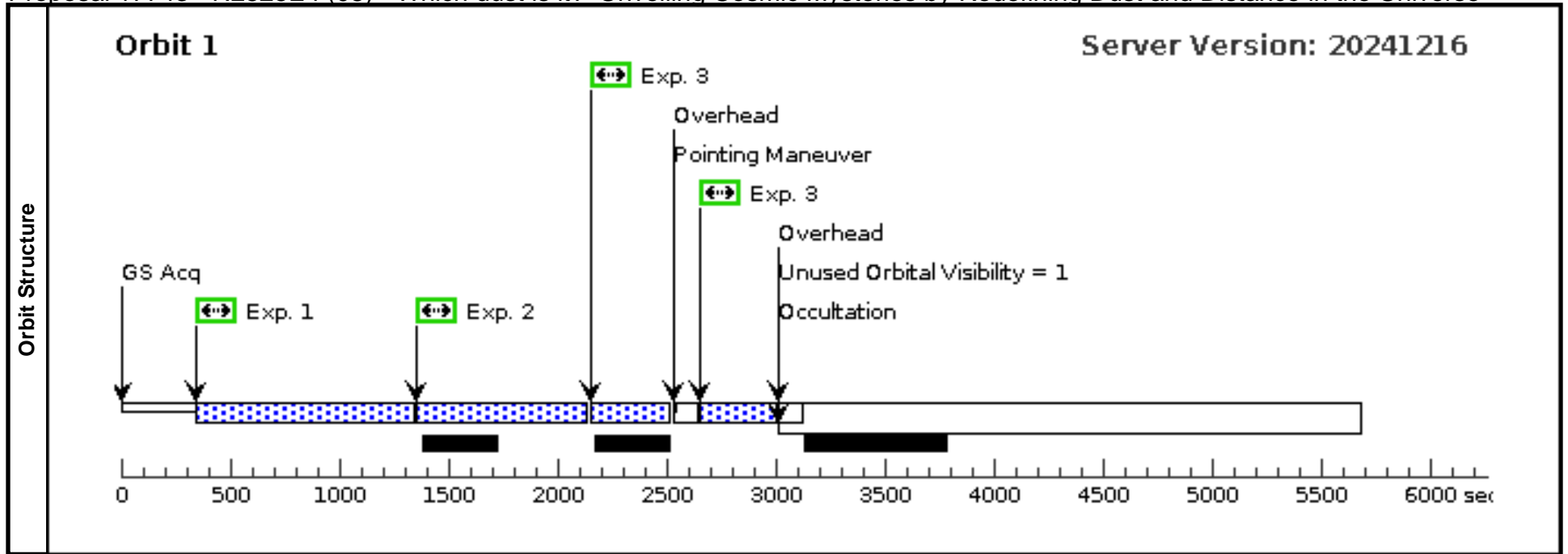
Visit	Proposal 17743, N2525E3 (07), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 05 BY 26.4 D TO 29.4 D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	N2525	RA: 08 05 38.0398 (121.4084992d) Dec: -11 25 37.36 (-11.42704d) Equinox: J2000		Proper Motion RA: 0 mas/yr Proper Motion Dec: 0 mas/yr Epoch of Position: 2000		V=25	Reference Frame: ICRS			
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i> Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N2525E3 (07)	845 Secs (845 Secs)		
									[==>]		[1]
	2	B	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N2525E3 (07)	640 Secs (640 Secs)		
								[==>]		[1]	
3	R	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N2525E3 (07)	350 Secs (700 Secs)			
							Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N2525E3 (07) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 17743 - N2525E4 (08) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

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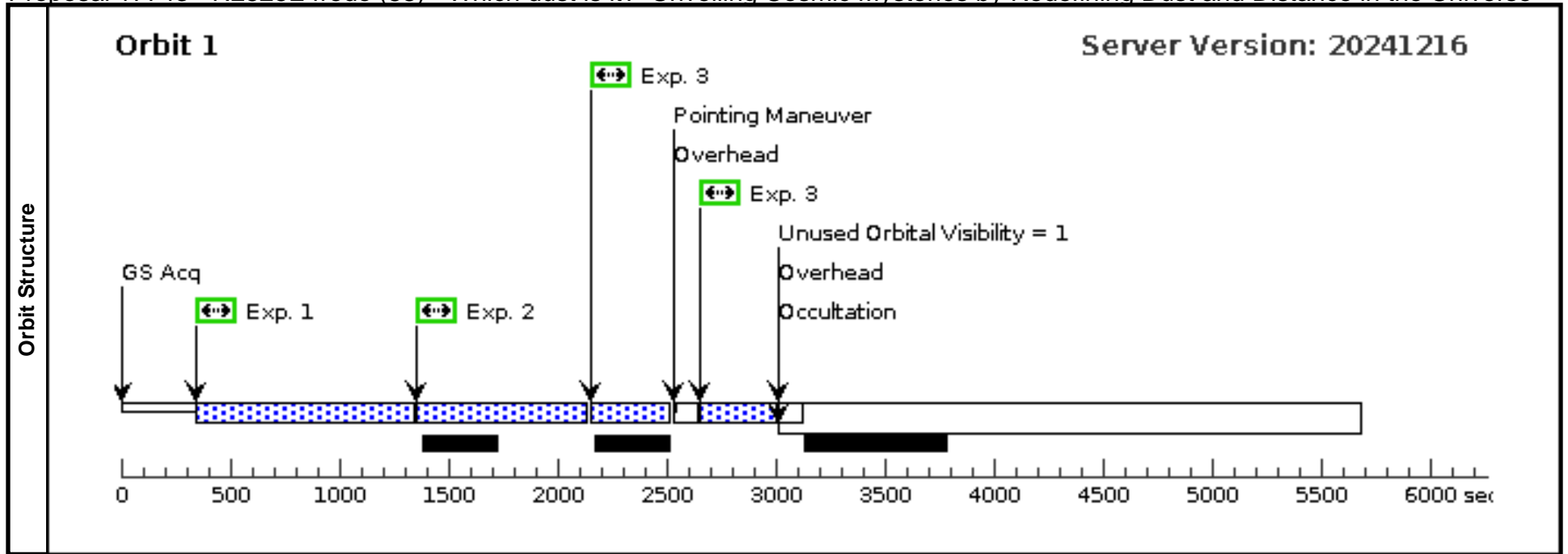
Visit	Proposal 17743, N2525E4 (08), failed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 05 BY 80.9 D TO 84.9 D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	N2525	RA: 08 05 38.0398 (121.4084992d) Dec: -11 25 37.36 (-11.42704d) Equinox: J2000		Proper Motion RA: 0 mas/yr Proper Motion Dec: 0 mas/yr Epoch of Position: 2000		V=25	Reference Frame: ICRS			
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N2525E4 (08)	845 Secs (845 Secs)		
									[==>]		[1]
	2	B	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N2525E4 (08)	640 Secs (640 Secs)		
								[==>]		[1]	
3	R	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N2525E4 (08)	350 Secs (700 Secs)			
							Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N2525E4 (08) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 17743 - N2525E4redo (88) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

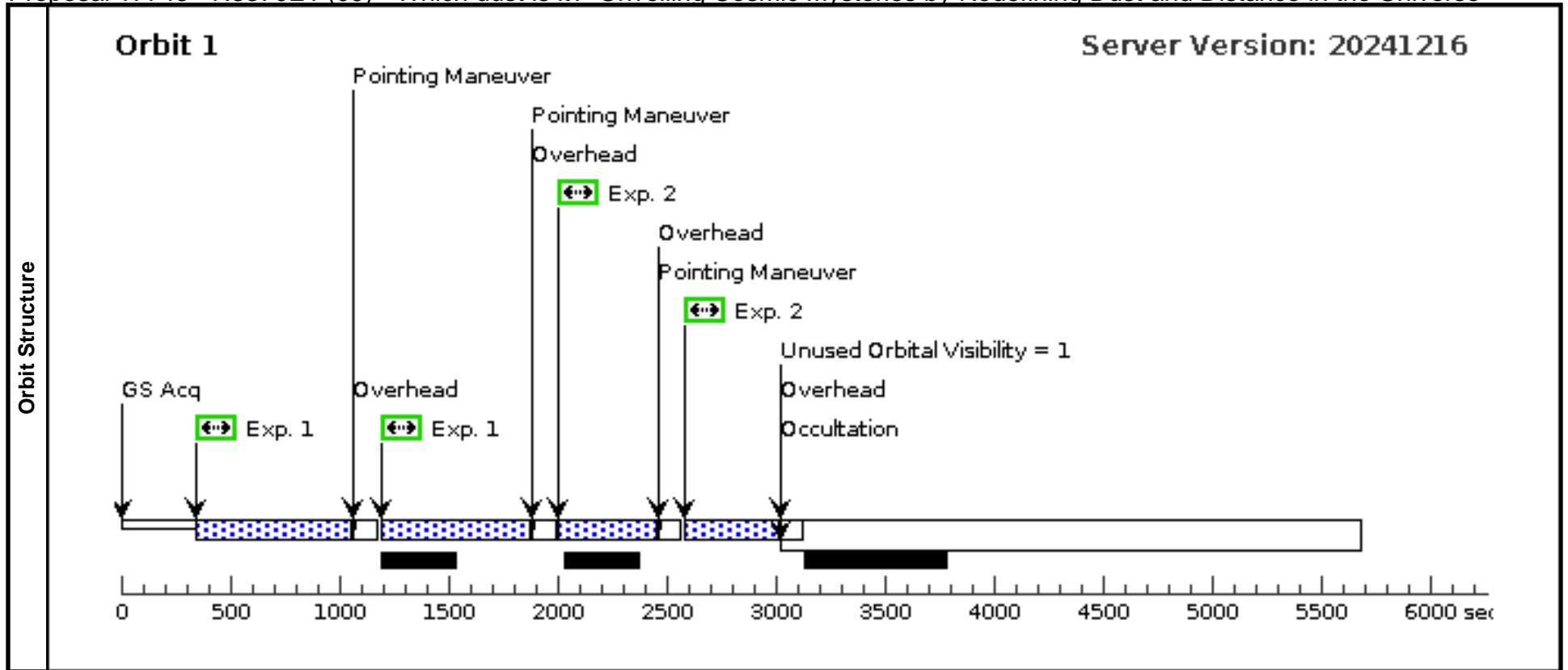
Visit	Proposal 17743, N2525E4redo (88), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 05 BY 80.9 D TO 130 D Comments: Redo with HOPR 93051										
Patterns	#	Primary Pattern				Secondary Pattern			Exposures		
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	N2525	RA: 08 05 38.0398 (121.4084992d) Dec: -11 25 37.36 (-11.42704d) Equinox: J2000		Proper Motion RA: 0 mas/yr Proper Motion Dec: 0 mas/yr Epoch of Position: 2000		V=25	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N2525E4redo (88)	845 Secs (845 Secs) [==>]		[1]
	2	B	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N2525E4redo (88)	640 Secs (640 Secs) [==>]		[1]
	3	R	(2) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N2525E4redo (88) Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N2525E4redo (88) (1)	350 Secs (700 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]



Proposal 17743 - N3370E1 (09) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

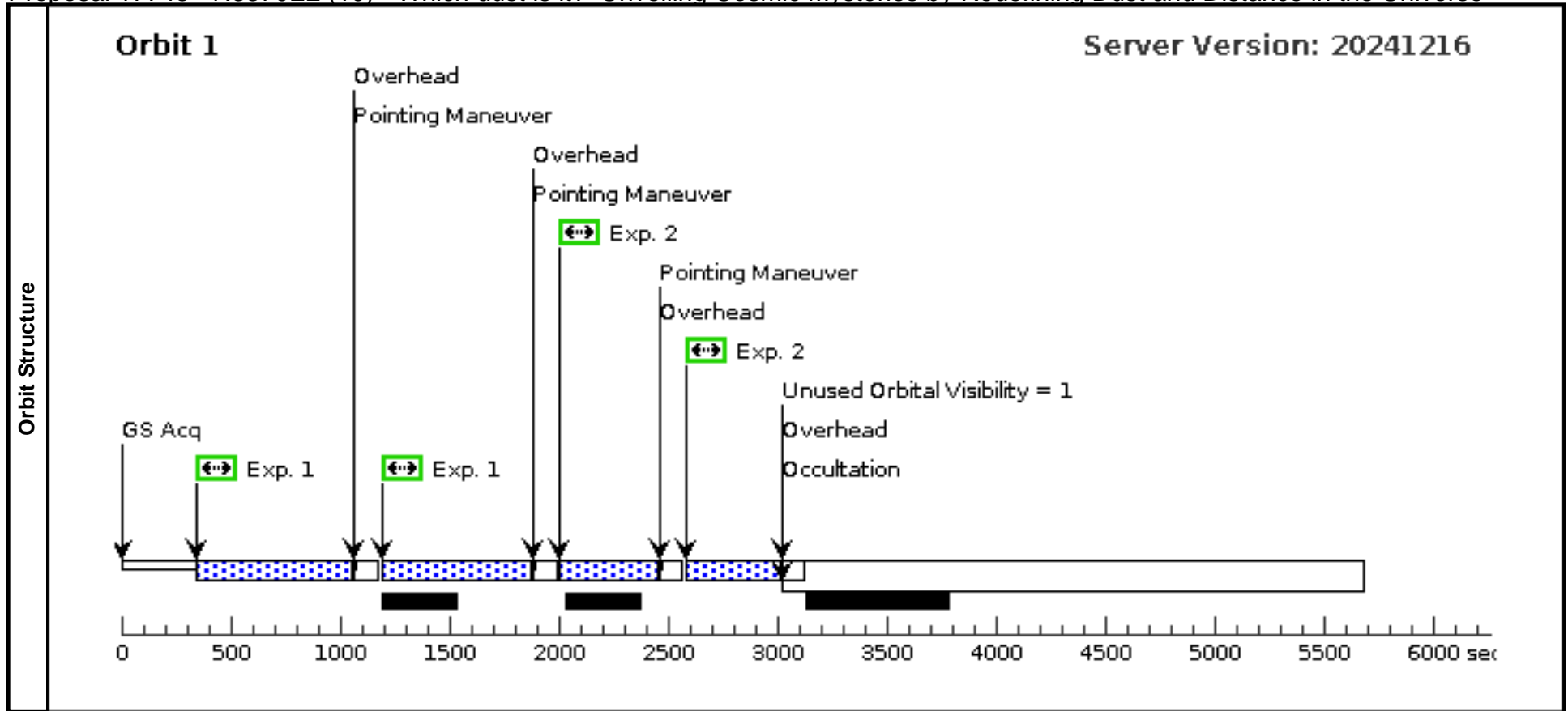
Visit	Proposal 17743, N3370E1 (09), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BEFORE 30-NOV-2024:00:00:00										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false					(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(3)	N3370	RA: 10 47 4.0735 (161.7669729d) Dec: +17 16 25.32 (17.27370d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(3) N3370	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=15		Sequence 1-2 Non-Int in N3370E1 (09)	678 Secs (1356 Secs)		
								Pattern 1, Exps 1-1 in Sequence 1-2 Non-Int in N3370E1 (09) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
2	R	(3) N3370	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W				Sequence 1-2 Non-Int in N3370E1 (09)	428 Secs (856 Secs)		
								Pattern 1, Exps 2-2 in Sequence 1-2 Non-Int in N3370E1 (09) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]



Proposal 17743 - N3370E2 (10) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

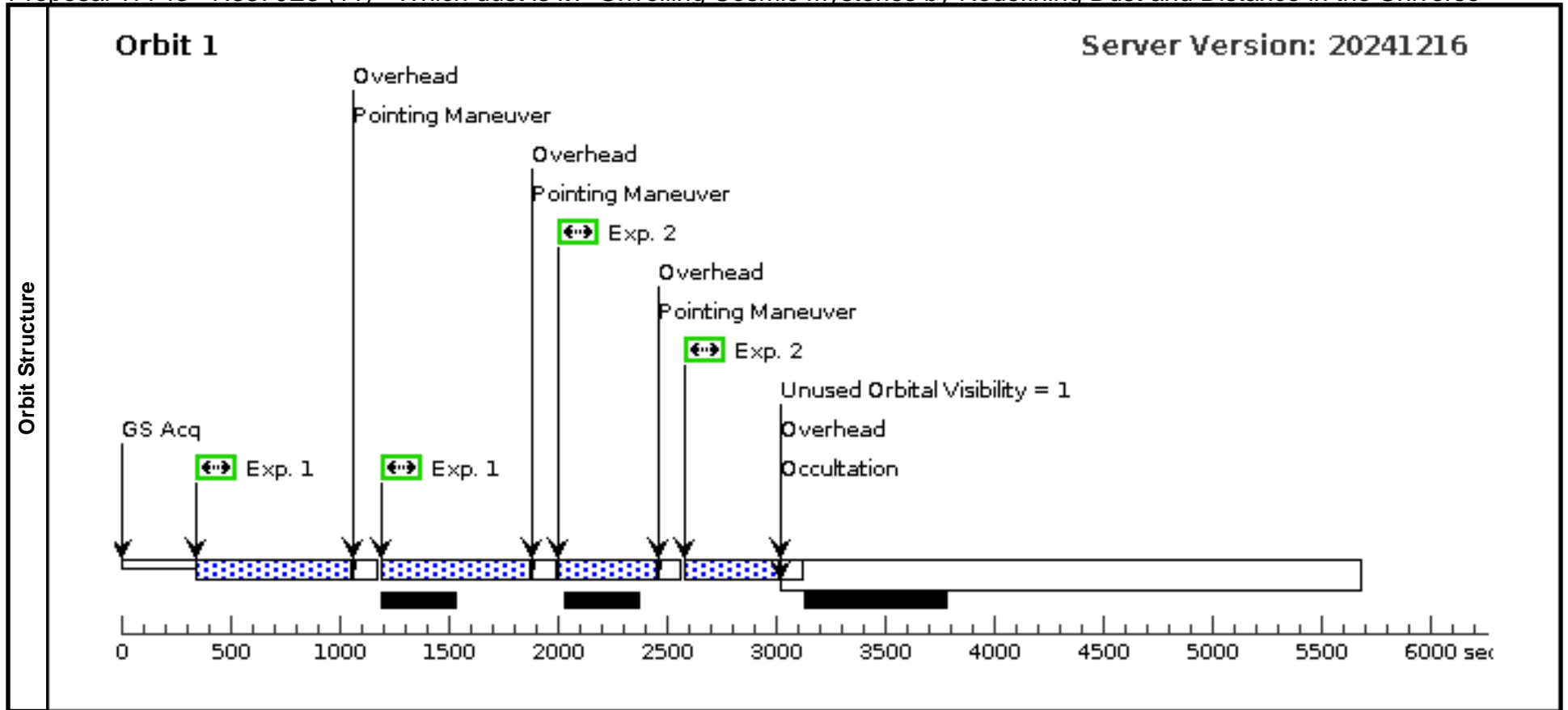
Visit	Proposal 17743, N3370E2 (10), completed Diagnostic Status: Informational Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT -10D TO 10D FROM 09: AFTER 09 BY 19.0 D TO 22 D									
	(N3370E2 (10)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.									
Diagnosics										
Patterns	#	Primary Pattern		Secondary Pattern		Exposures				
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1), (2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	N3370	RA: 10 47 4.0735 (161.7669729d) Dec: +17 16 25.32 (17.27370d) Equinox: J2000	Epoch of Position: 2000	V=25	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	U	(3) N3370	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=15		Sequence 1-2 Non-Int in N3370E2 (10) Pattern 1, Exps 1-1 i n Sequence 1-2 Non- Int in N3370E2 (10) (1)	678 Secs (1356 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
2	R	(3) N3370	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W				Sequence 1-2 Non-Int in N3370E2 (10) Pattern 1, Exps 2-2 i n Sequence 1-2 Non- Int in N3370E2 (10) (1)	428 Secs (856 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 17743 - N3370E3 (11) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

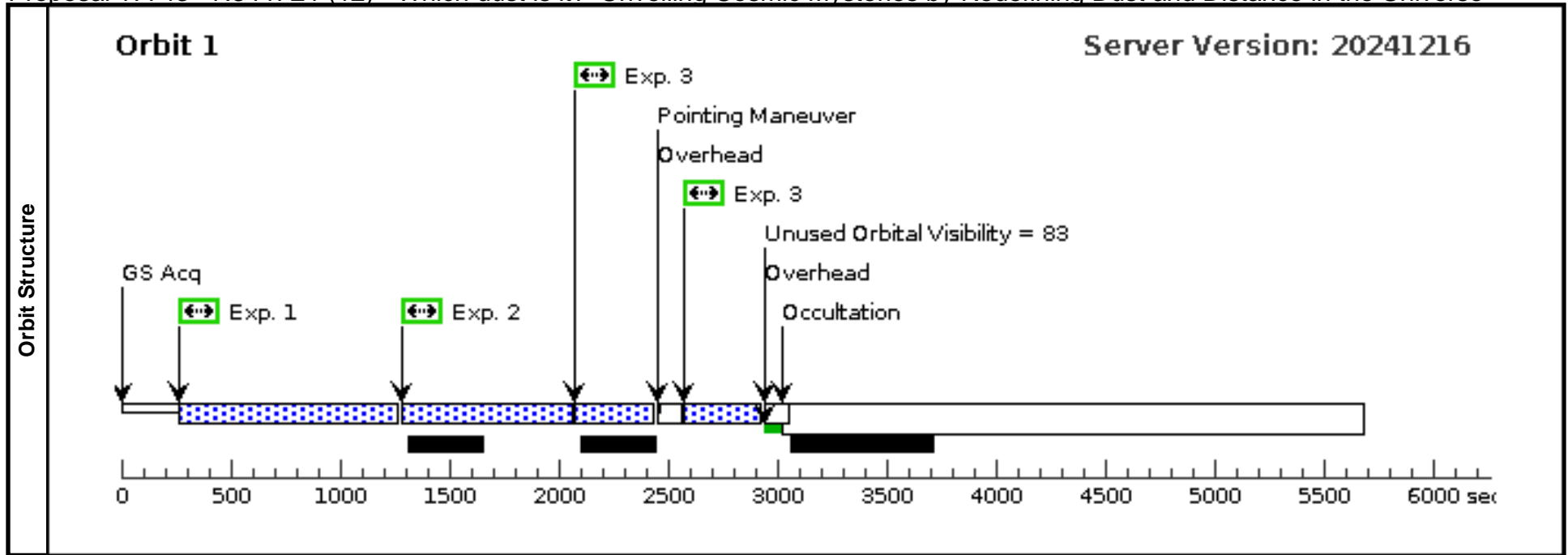
Visit	Proposal 17743, N3370E3 (11), completed Diagnostic Status: Informational Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT -10D TO 10D FROM 09: AFTER 09 BY 73.9 D TO 76.9 D									
	(N3370E3 (11)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.									
Diagnosics										
Patterns	#	Primary Pattern	Secondary Pattern			Exposures				
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1), (2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	N3370	RA: 10 47 4.0735 (161.7669729d) Dec: +17 16 25.32 (17.27370d) Equinox: J2000	Epoch of Position: 2000	V=25	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	U	(3) N3370	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=15		Sequence 1-2 Non-Int in N3370E3 (11) Pattern 1, Exps 1-1 in Sequence 1-2 Non-Int in N3370E3 (11) (1)	678 Secs (1356 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
2	R	(3) N3370	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W				Sequence 1-2 Non-Int in N3370E3 (11) Pattern 1, Exps 2-2 in Sequence 1-2 Non-Int in N3370E3 (11) (1)	428 Secs (856 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 17743 - N3447E1 (12) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

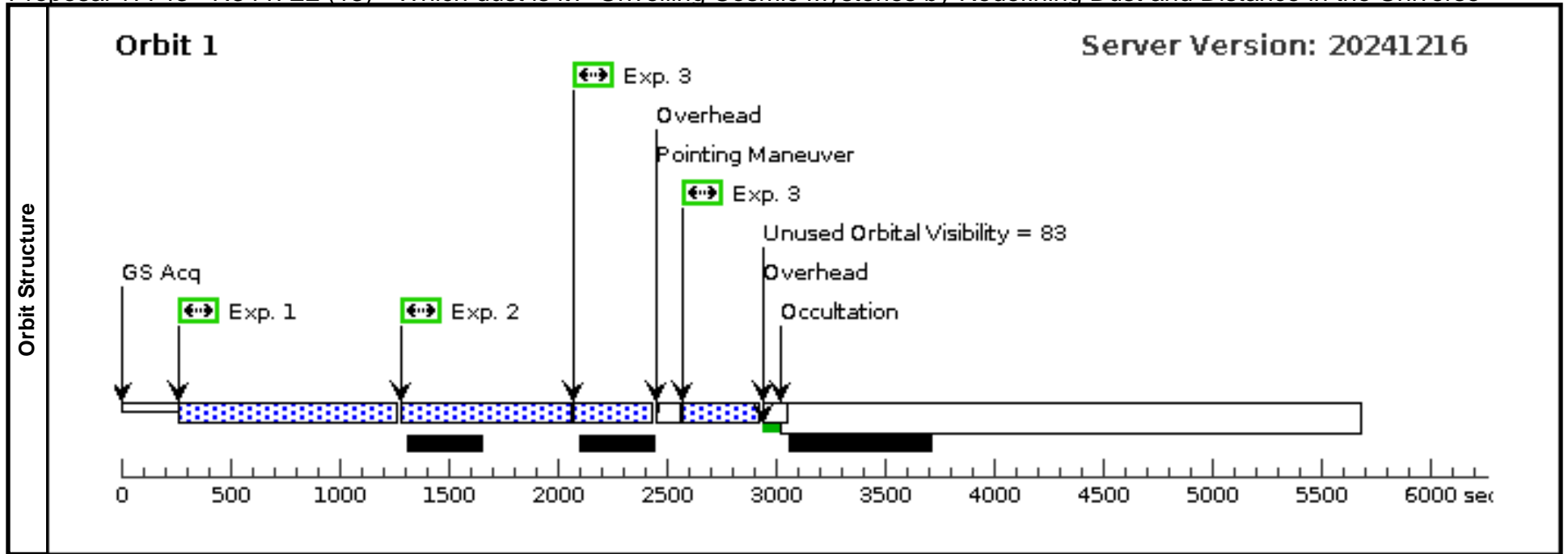
Visit	Proposal 17743, N3447E1 (12), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BEFORE 30-NOV-2024:00:00:00										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(4)	N3447TWEAK	RA: 10 53 25.6000 (163.3566667d) Dec: +16 46 40.00 (16.77778d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i> Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(4) N3447TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10	GS ACQ SCENARI O ONEB10	Sequence 1-3 Non-Int in N3447E1 (12)	850 Secs (850 Secs)		
									[==>]		[1]
	2	B	(4) N3447TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N3447E1 (12)	640 Secs (640 Secs)		
								[==>]		[1]	
3	R	(4) N3447TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N3447E1 (12)	350 Secs (700 Secs)			
							Pattern 1, Exps 3-3 i n Sequence 1-3 Non- Int in N3447E1 (12) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 17743 - N3447E2 (13) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

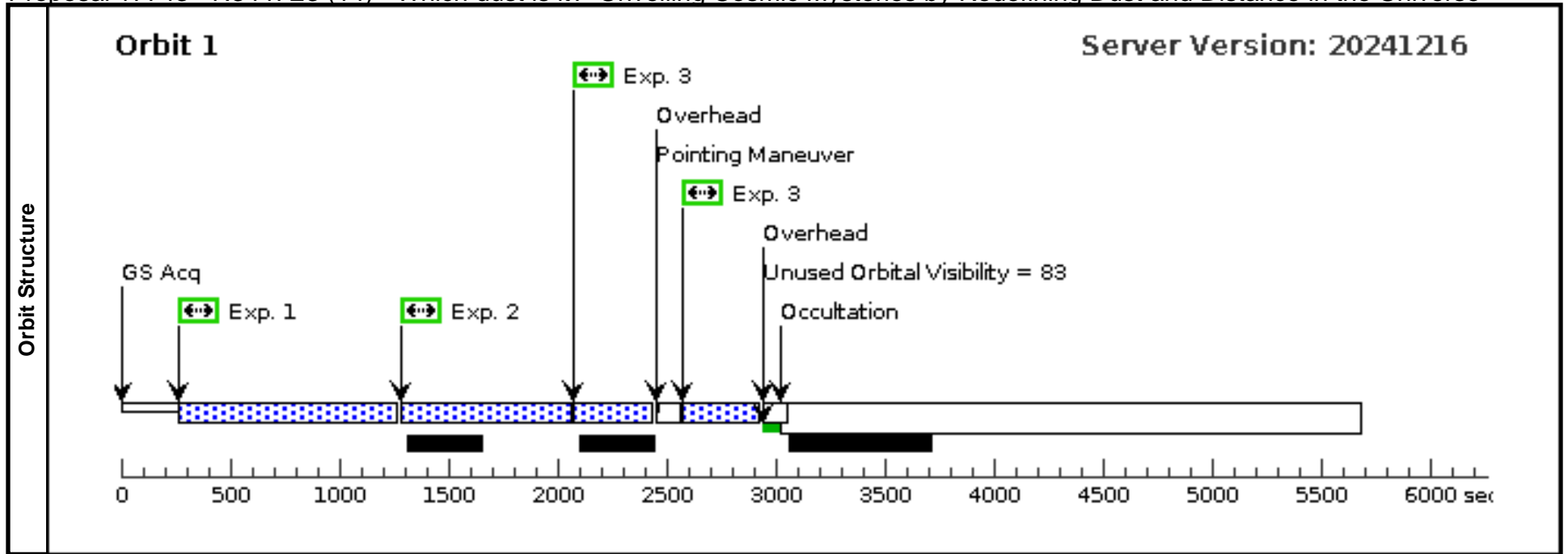
Visit	Proposal 17743, N3447E2 (13), completed Diagnostic Status: Informational Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT -10D TO 10D FROM 12; AFTER 12 BY 7 D TO 8.5 D									
	(N3447E2 (13)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.									
Diagnosics										
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	N3447TWEAK	RA: 10 53 25.6000 (163.3566667d) Dec: +16 46 40.00 (16.77778d) Equinox: J2000	Epoch of Position: 2000	V=25	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i> Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	U	(4) N3447TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10	GS ACQ SCENARI O ONEB1O	Sequence 1-3 Non-Int in N3447E2 (13)	850 Secs (850 Secs) [==>]	[1]
	2	B	(4) N3447TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N3447E2 (13)	640 Secs (640 Secs) [==>]	[1]
	3	R	(4) N3447TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N3447E2 (13) Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N3447E2 (13) (1)	350 Secs (700 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 17743 - N3447E3 (14) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

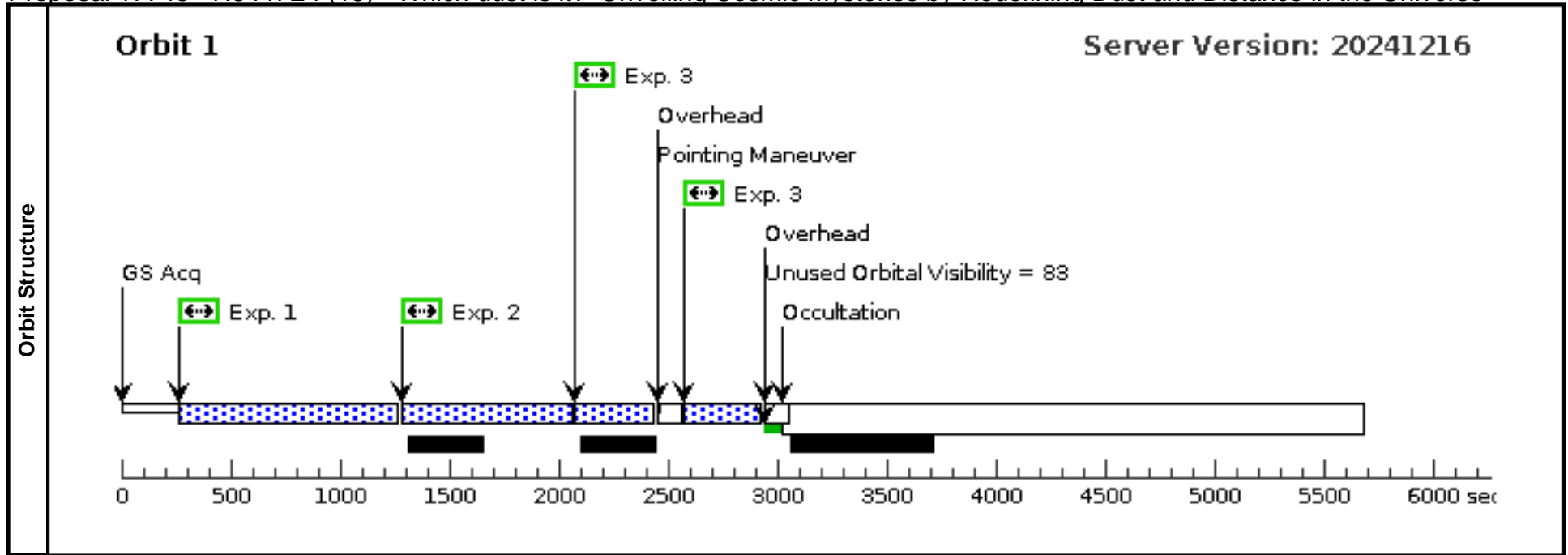
Visit	Proposal 17743, N3447E3 (14), completed Diagnostic Status: Informational Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT -10D TO 10D FROM 12; AFTER 12 BY 26.4 D TO 29.4 D									
	(N3447E3 (14)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.									
Diagnosics										
Patterns	#	Primary Pattern	Secondary Pattern		Exposures					
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	N3447TWEAK	RA: 10 53 25.6000 (163.3566667d) Dec: +16 46 40.00 (16.77778d) Equinox: J2000	Epoch of Position: 2000	V=25	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i> Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	U	(4) N3447TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10	GS ACQ SCENARI O ONEB1O	Sequence 1-3 Non-Int in N3447E3 (14)	850 Secs (850 Secs) [==>]	[1]
	2	B	(4) N3447TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N3447E3 (14)	640 Secs (640 Secs) [==>]	[1]
	3	R	(4) N3447TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N3447E3 (14) Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N3447E3 (14) (1)	350 Secs (700 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 17743 - N3447E4 (15) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

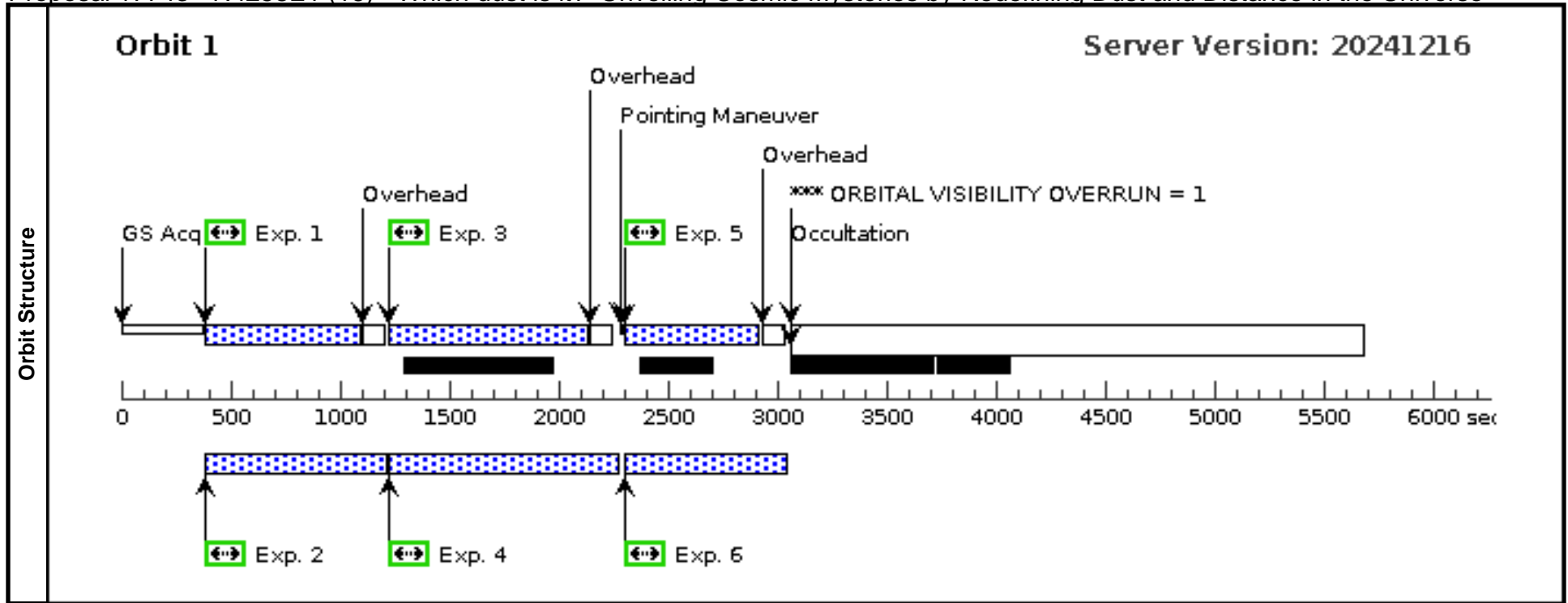
Visit	Proposal 17743, N3447E4 (15), completed Diagnostic Status: Informational Scientific Instruments: WFC3/UVIS Special Requirements: ORIENT -12D TO 12D FROM 12; AFTER 12 BY 78.9 D TO 84.9 D									
	(N3447E4 (15)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.									
Diagnosics										
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	N3447TWEAK	RA: 10 53 25.6000 (163.3566667d) Dec: +16 46 40.00 (16.77778d) Equinox: J2000	Epoch of Position: 2000	V=25	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i> Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	U	(4) N3447TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10	GS ACQ SCENARI O ONEB1O	Sequence 1-3 Non-Int in N3447E4 (15)	850 Secs (850 Secs) [==>]	[1]
	2	B	(4) N3447TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N3447E4 (15)	640 Secs (640 Secs) [==>]	[1]
	3	R	(4) N3447TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N3447E4 (15) Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N3447E4 (15) (1)	350 Secs (700 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 17743 - N4258E1 (16) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

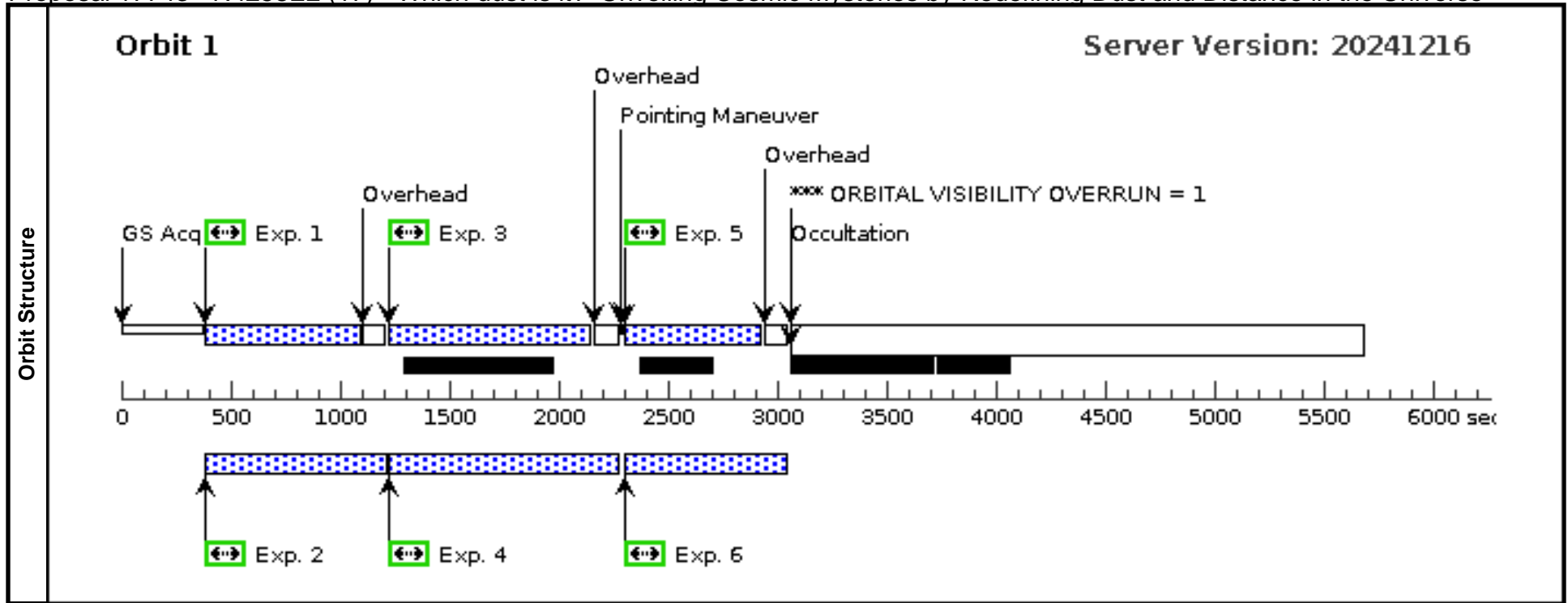
Visit	Proposal 17743, N4258E1 (16), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: BEFORE 30-NOV-2024:00:00:00									
	(N4258E1 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	N4258TWEAK	RA: 12 19 2.0000 (184.7583333d) Dec: +47 16 10.00 (47.26944d) Equinox: J2000	Epoch of Position: 2000	V=25	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(5) N4258TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W				Sequence 1-6 Non-Int in N4258E1 (16) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in N4258E1 (16)	680 Secs (680 Secs) [==>680.0 Secs]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC	F814W				Sequence 1-6 Non-Int in N4258E1 (16) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in N4258E1 (16)	600 Secs (627 Secs) [==>627.0 Secs]	[1]
	3	(5) N4258TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W				Sequence 1-6 Non-Int in N4258E1 (16) Prime + Parallel Group 3-4 in Sequence 1-6 Non-Int in N4258E1 (16)	900 Secs (900 Secs) [==>900.0 Secs]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC	F606W				Sequence 1-6 Non-Int in N4258E1 (16) Prime + Parallel Group 3-4 in Sequence 1-6 Non-Int in N4258E1 (16)	900 Secs (868 Secs) [==>868.0 Secs]	[1]
	5	(5) N4258TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			POS TARG 0.17,0.17	Sequence 1-6 Non-Int in N4258E1 (16) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in N4258E1 (16)	600 Secs (600 Secs) [==>600.0 Secs]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC	F814W				Sequence 1-6 Non-Int in N4258E1 (16) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in N4258E1 (16)	600 Secs (562 Secs) [==>562.0 Secs]	[1]



Proposal 17743 - N4258E2 (17) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

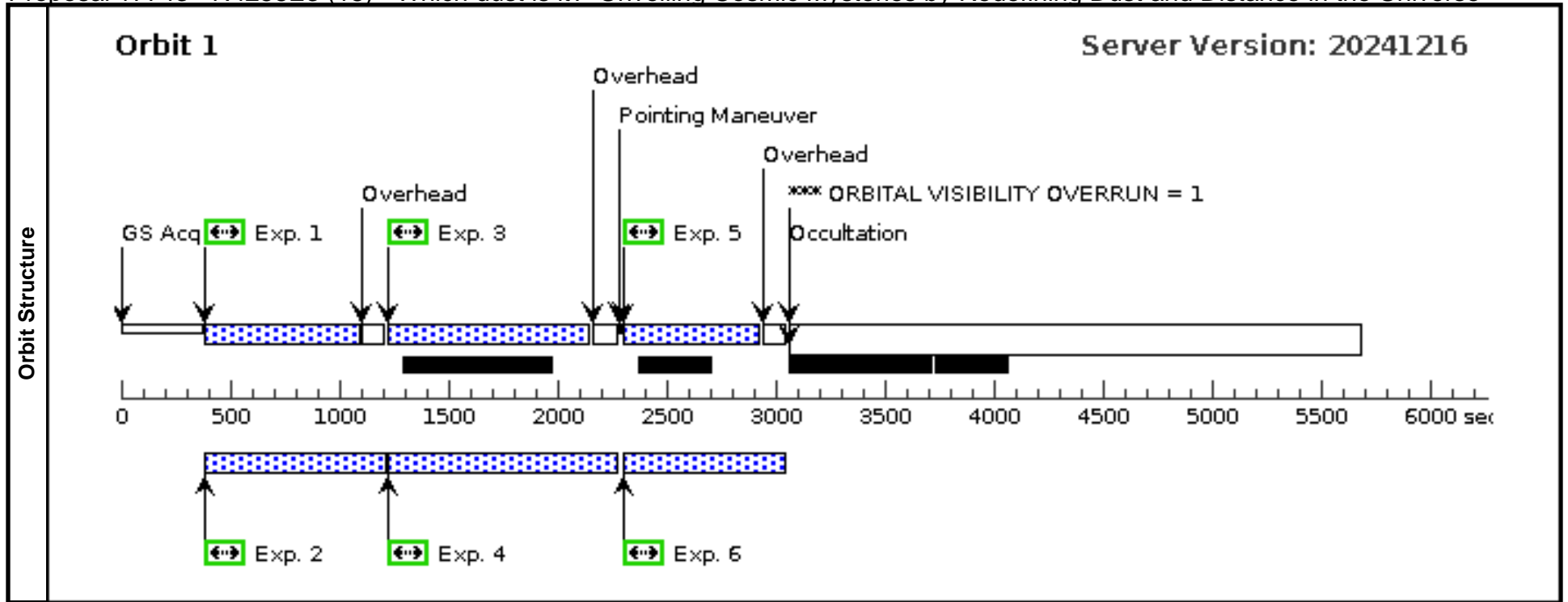
Visit	Proposal 17743, N4258E2 (17), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: AFTER 16 BY 19 D TO 22 D									
	(N4258E2 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	N4258TWEAK	RA: 12 19 2.0000 (184.7583333d) Dec: +47 16 10.00 (47.26944d) Equinox: J2000	Epoch of Position: 2000	V=25	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(5) N4258TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W				Sequence 1-6 Non-Int in N4258E2 (17) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in N4258E2 (17)	680 Secs (680 Secs) [==>680.0 Secs]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC	F814W				Sequence 1-6 Non-Int in N4258E2 (17) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in N4258E2 (17)	600 Secs (627 Secs) [==>627.0 Secs]	[1]
	3	(5) N4258TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10			Sequence 1-6 Non-Int in N4258E2 (17) Prime + Parallel Group 3-4 in Sequence 1-6 Non-Int in N4258E2 (17)	900 Secs (900 Secs) [==>900.0 Secs]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC	F606W				Sequence 1-6 Non-Int in N4258E2 (17) Prime + Parallel Group 3-4 in Sequence 1-6 Non-Int in N4258E2 (17)	900 Secs (868 Secs) [==>868.0 Secs]	[1]
	5	(5) N4258TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			POS TARG 0.17,0.17	Sequence 1-6 Non-Int in N4258E2 (17) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in N4258E2 (17)	600 Secs (600 Secs) [==>600.0 Secs]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC	F814W				Sequence 1-6 Non-Int in N4258E2 (17) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in N4258E2 (17)	600 Secs (562 Secs) [==>562.0 Secs]	[1]



Proposal 17743 - N4258E3 (18) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

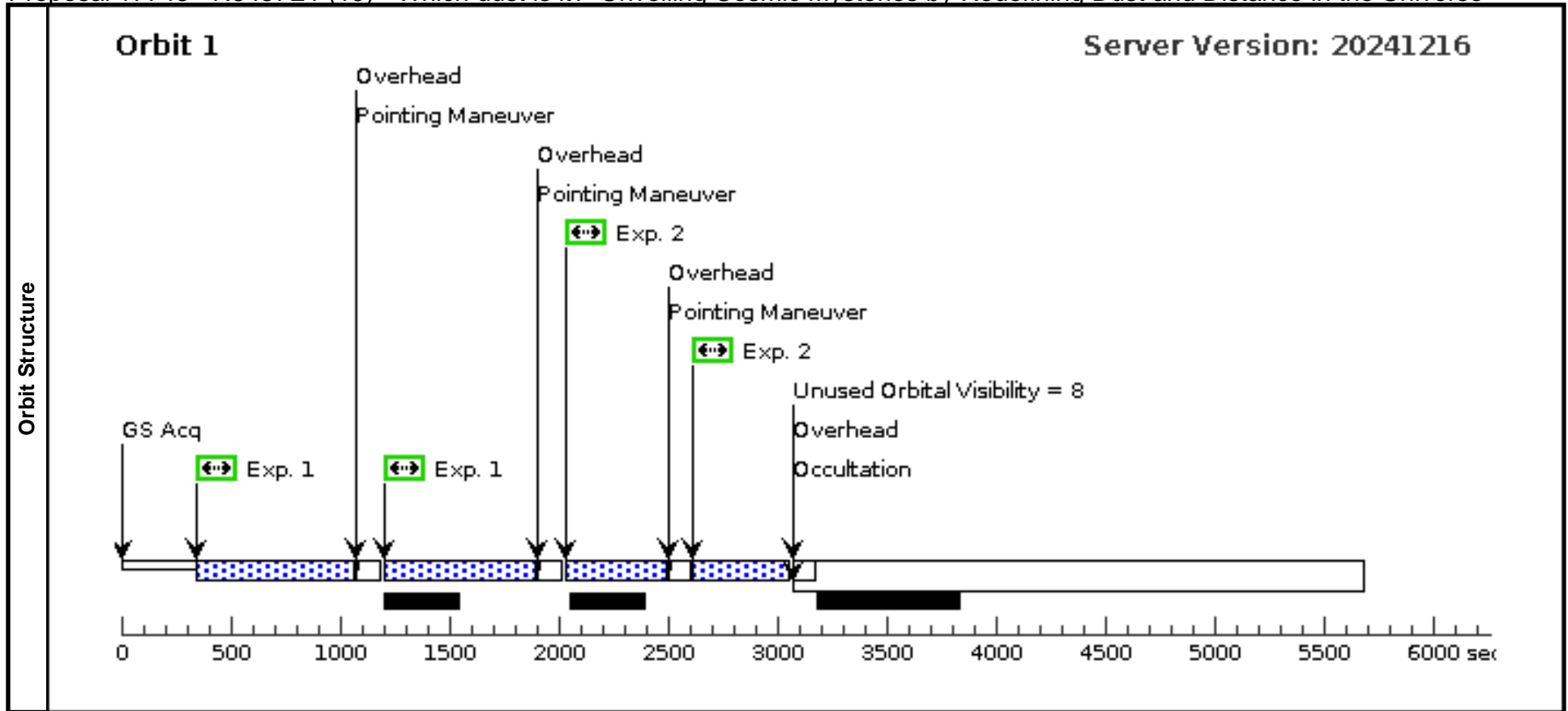
Visit	Proposal 17743, N4258E3 (18), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: AFTER 16 BY 73.9 D TO 76.9 D									
	(N4258E3 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	N4258TWEAK	RA: 12 19 2.0000 (184.7583333d) Dec: +47 16 10.00 (47.26944d) Equinox: J2000	Epoch of Position: 2000	V=25	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(5) N4258TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W				Sequence 1-6 Non-Int in N4258E3 (18) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in N4258E3 (18)	680 Secs (680 Secs) [==>680.0 Secs]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC	F814W				Sequence 1-6 Non-Int in N4258E3 (18) Prime + Parallel Group 1-2 in Sequence 1-6 Non-Int in N4258E3 (18)	600 Secs (627 Secs) [==>627.0 Secs]	[1]
	3	(5) N4258TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10			Sequence 1-6 Non-Int in N4258E3 (18) Prime + Parallel Group 3-4 in Sequence 1-6 Non-Int in N4258E3 (18)	900 Secs (900 Secs) [==>900.0 Secs]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC	F606W				Sequence 1-6 Non-Int in N4258E3 (18) Prime + Parallel Group 3-4 in Sequence 1-6 Non-Int in N4258E3 (18)	900 Secs (868 Secs) [==>868.0 Secs]	[1]
	5	(5) N4258TWEAK	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			POS TARG 0.17,0.17	Sequence 1-6 Non-Int in N4258E3 (18) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in N4258E3 (18)	600 Secs (600 Secs) [==>600.0 Secs]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC	F814W				Sequence 1-6 Non-Int in N4258E3 (18) Prime + Parallel Group 5-6 in Sequence 1-6 Non-Int in N4258E3 (18)	600 Secs (562 Secs) [==>562.0 Secs]	[1]



Proposal 17743 - N5457E1 (19) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

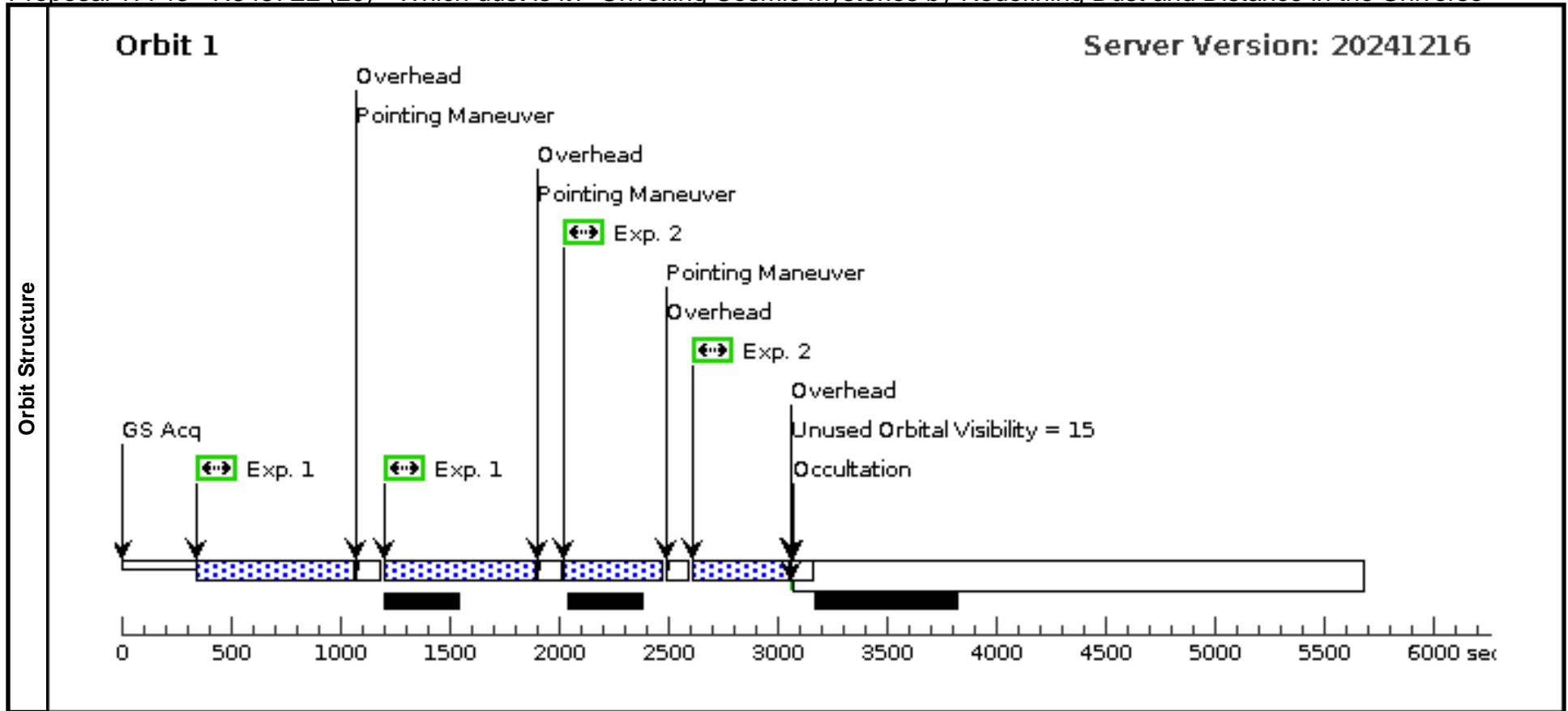
Visit	Proposal 17743, N5457E1 (19), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BEFORE 30-NOV-2024:00:00:00										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(6)	N5457F2	RA: 14 02 51.2000 (210.7133333d) Dec: +54 20 20.60 (54.33906d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(6) N5457F2	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=15		Sequence 1-2 Non-Int in N5457E1 (19)	690 Secs (1380 Secs)		
								Pattern 1, Exps 1-1 in Sequence 1-2 Non-Int in N5457E1 (19) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
2	R	(6) N5457F2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W				Sequence 1-2 Non-Int in N5457E1 (19)	440 Secs (880 Secs)		
								Pattern 1, Exps 2-2 in Sequence 1-2 Non-Int in N5457E1 (19) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]



Proposal 17743 - N5457E2 (20) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

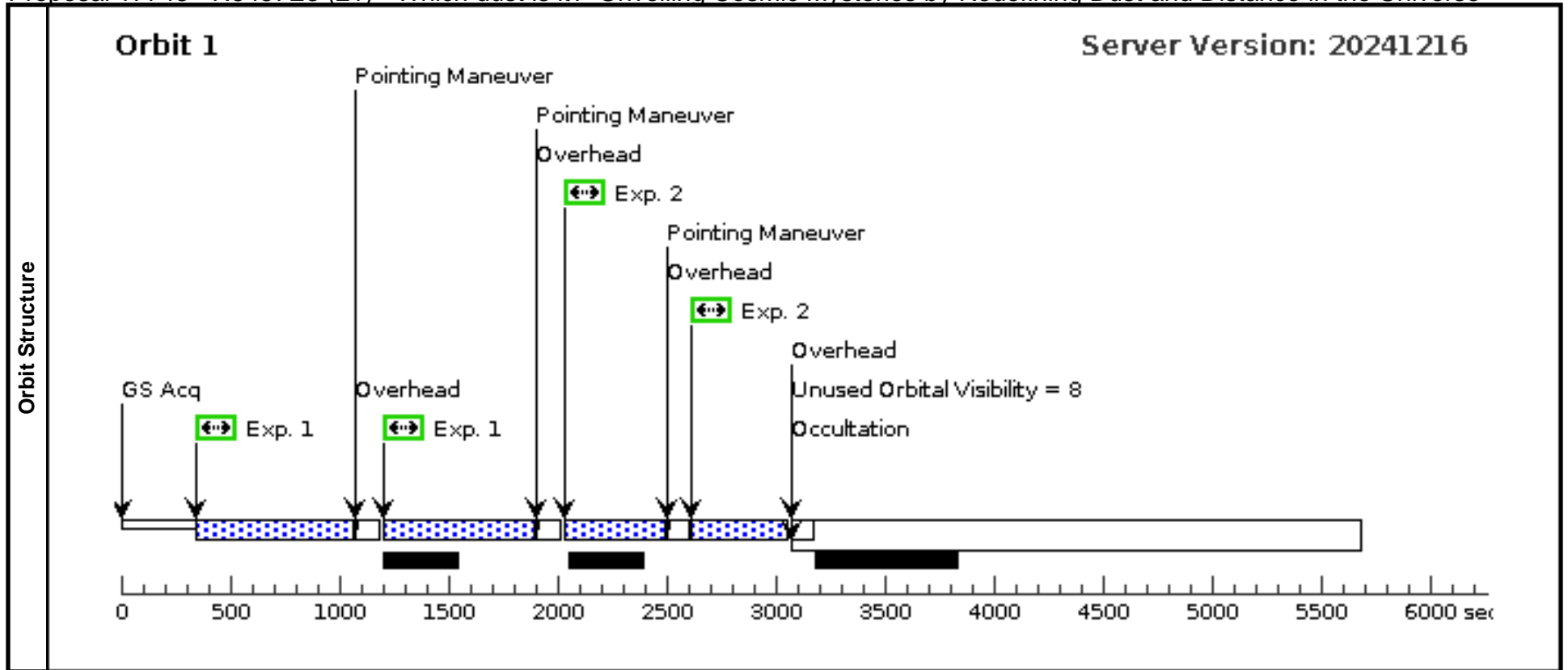
Visit	Proposal 17743, N5457E2 (20), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 19 BY 19.0 D TO 22 D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(6)	N5457F2	RA: 14 02 51.2000 (210.7133333d) Dec: +54 20 20.60 (54.33906d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(6) N5457F2	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=10		Sequence 1-2 Non-Int in N5457E2 (20)	690 Secs (1380 Secs)		
								Pattern 1, Exps 1-1 in Sequence 1-2 Non-Int in N5457E2 (20) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
2	R	(6) N5457F2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W				Sequence 1-2 Non-Int in N5457E2 (20)	440 Secs (880 Secs)		
								Pattern 1, Exps 2-2 in Sequence 1-2 Non-Int in N5457E2 (20) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]



Proposal 17743 - N5457E3 (21) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

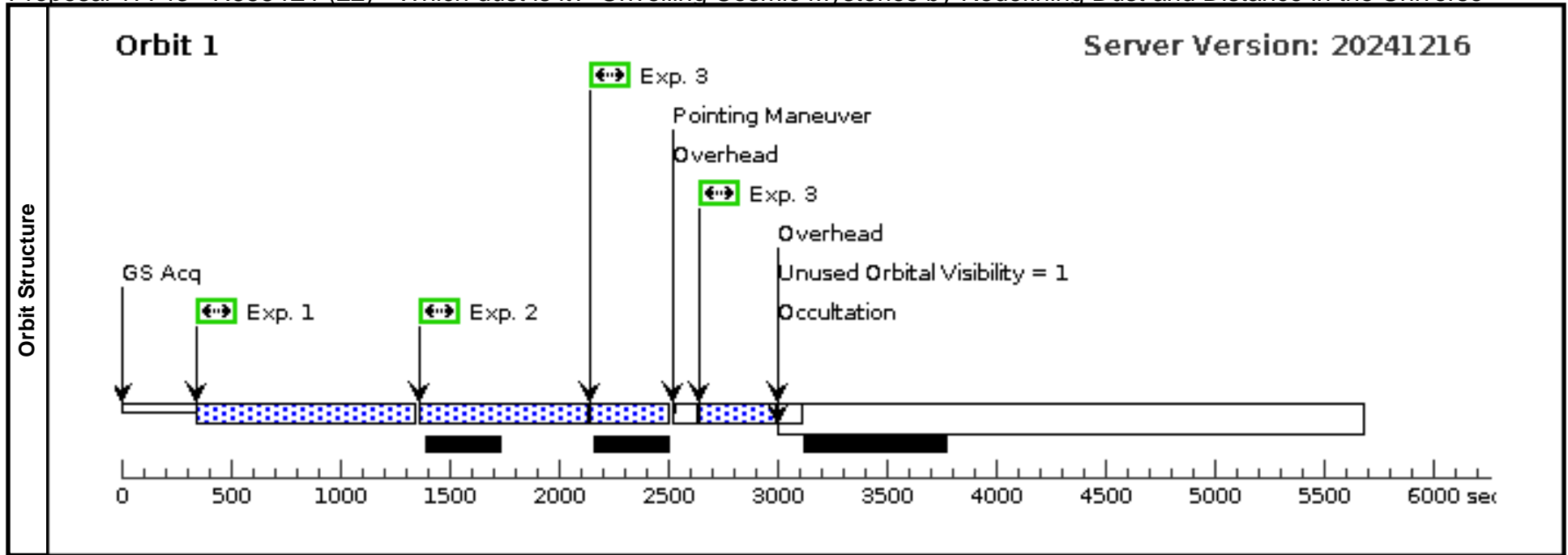
Visit	Proposal 17743, N5457E3 (21), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 19 BY 73.9 D TO 76.9 D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false					(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(6)	N5457F2	RA: 14 02 51.2000 (210.7133333d) Dec: +54 20 20.60 (54.33906d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(6) N5457F2	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=15		Sequence 1-2 Non-Int in N5457E3 (21)	690 Secs (1380 Secs)		
								Pattern 1, Exps 1-1 in Sequence 1-2 Non-Int in N5457E3 (21) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
2	R	(6) N5457F2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W				Sequence 1-2 Non-Int in N5457E3 (21)	440 Secs (880 Secs)		
								Pattern 1, Exps 2-2 in Sequence 1-2 Non-Int in N5457E3 (21) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]



Proposal 17743 - N5584E1 (22) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

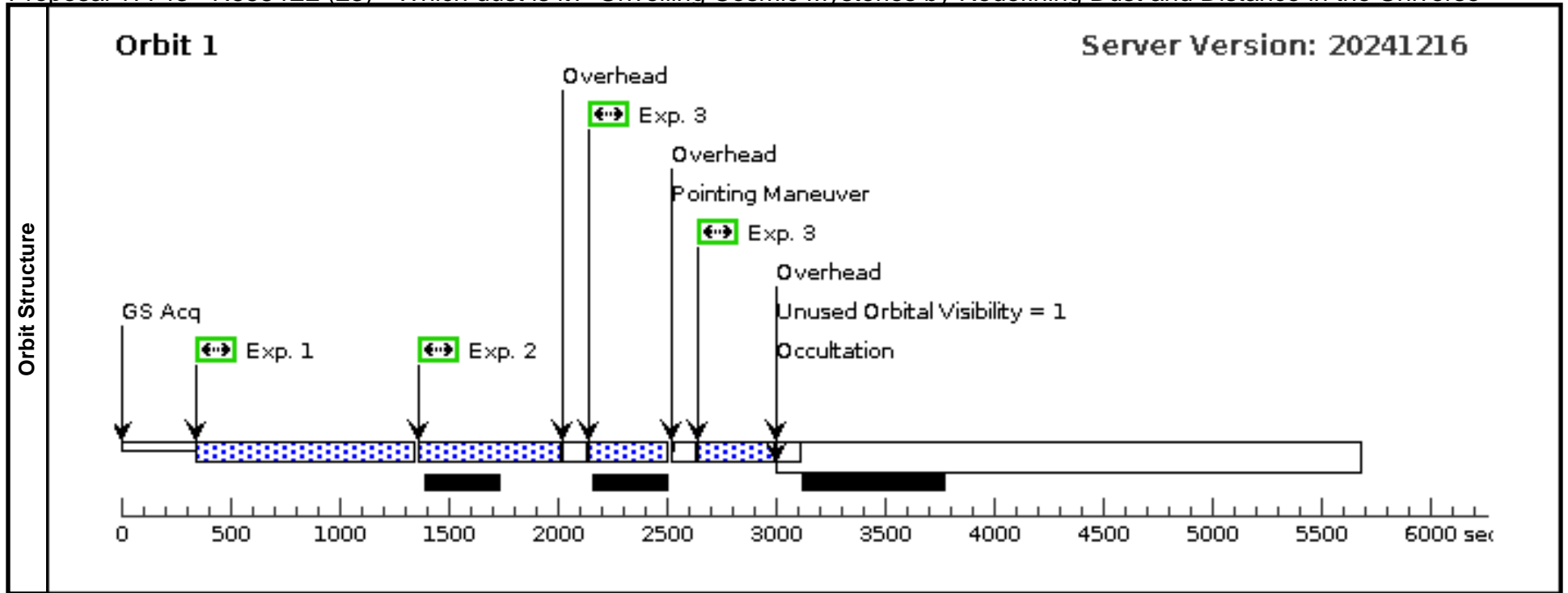
Visit	Proposal 17743, N5584E1 (22), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false					(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(7)	N5584	RA: 14 22 23.8110 (215.5992125d) Dec: -00 23 14.82 (-.38745d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(7) N5584	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N5584E1 (22)	850 Secs (850 Secs)		
									[==>]		[1]
	2	B	(7) N5584	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N5584E1 (22)	625 Secs (625 Secs)		
								[==>]		[1]	
3	R	(7) N5584	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N5584E1 (22)	350 Secs (700 Secs)			
							Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N5584E1 (22)	[==>(Pattern 1)]			
							(1)	[==>(Pattern 2)]		[1]	



Proposal 17743 - N5584E2 (23) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

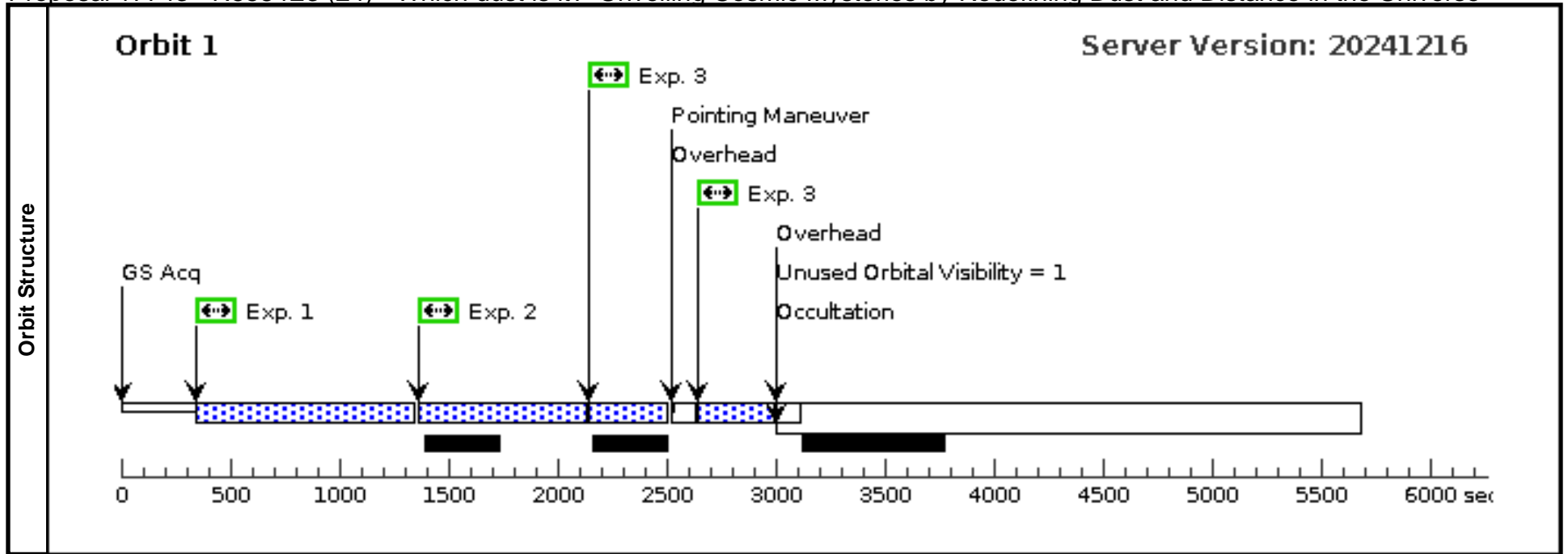
Visit	Proposal 17743, N5584E2 (23), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 22 BY 7 D TO 8.5 D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false					(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(7)	N5584	RA: 14 22 23.8110 (215.5992125d) Dec: -00 23 14.82 (-.38745d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(7) N5584	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-2 Non-Int in N5584E2 (23)	850 Secs (850 Secs)		
									[==>]		[1]
	2	B	(7) N5584	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-2 Non-Int in N5584E2 (23)	625 Secs (625 Secs)		
								[==>]		[1]	
3	R	(7) N5584	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Pattern 1, Exps 3-3 in N5584E2 (23) (1)	350 Secs (700 Secs)			
								[==>(Pattern 1)]			
								[==>(Pattern 2)]		[1]	



Proposal 17743 - N5584E3 (24) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

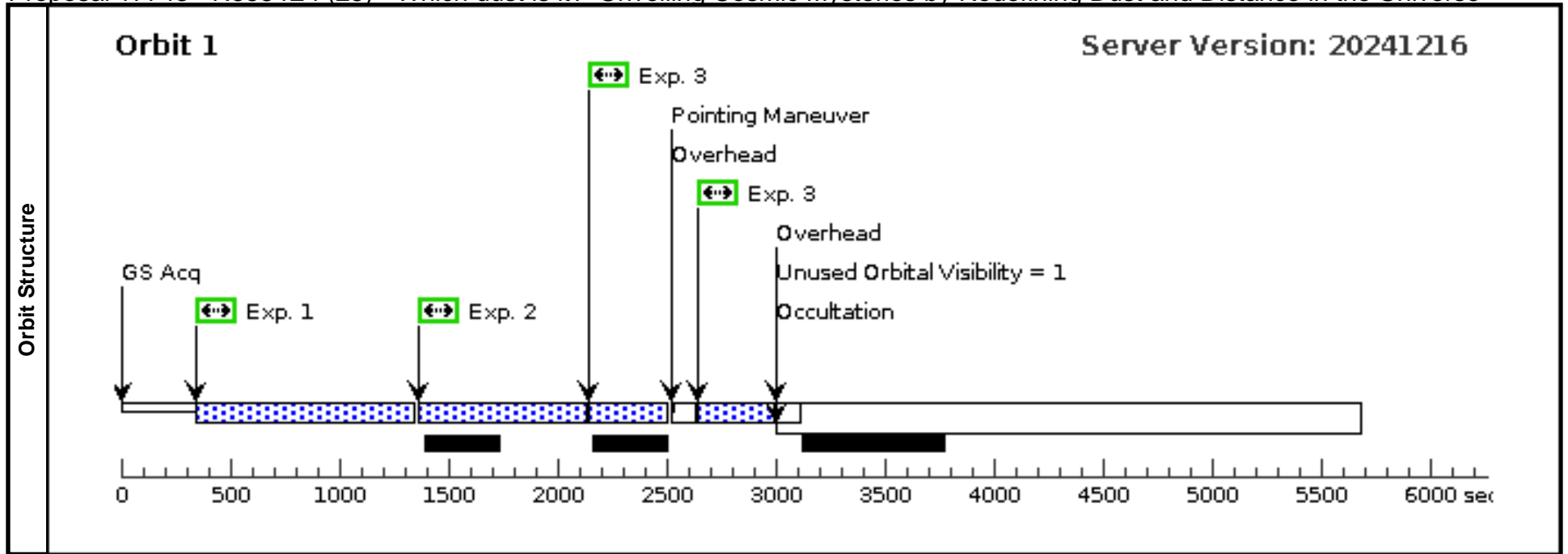
Visit	Proposal 17743, N5584E3 (24), scheduled Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 22 BY 26.4 D TO 29.4 D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(7)	N5584	RA: 14 22 23.8110 (215.5992125d) Dec: -00 23 14.82 (-.38745d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(7) N5584	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N5584E3 (24)	850 Secs (850 Secs)		
									[==>]		[1]
	2	B	(7) N5584	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N5584E3 (24)	625 Secs (625 Secs)		
								[==>]		[1]	
3	R	(7) N5584	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N5584E3 (24)	350 Secs (700 Secs)			
							Pattern 1, Exps 3-3 i n Sequence 1-3 Non- Int in N5584E3 (24) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 17743 - N5584E4 (25) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

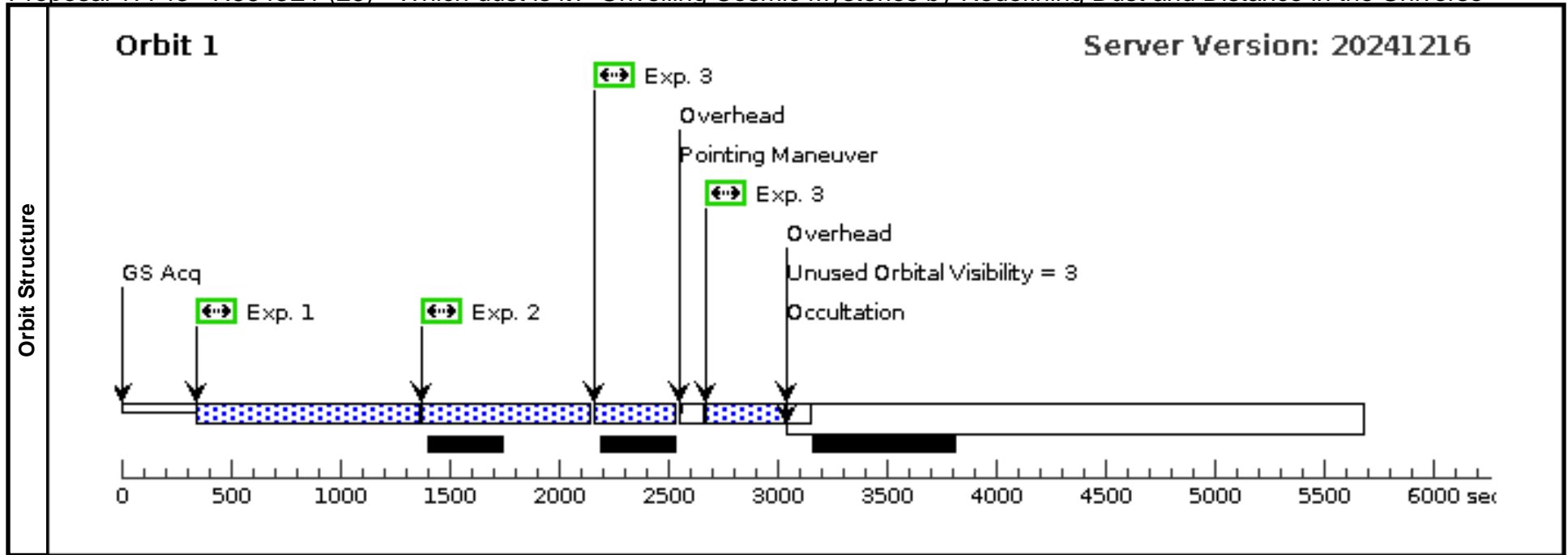
Visit	Proposal 17743, N5584E4 (25), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 22 BY 73 D TO 84.9 D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(7)	N5584	RA: 14 22 23.8110 (215.5992125d) Dec: -00 23 14.82 (-.38745d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(7) N5584	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N5584E4 (25)	850 Secs (850 Secs)		
									[==>]		[1]
	2	B	(7) N5584	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N5584E4 (25)	625 Secs (625 Secs)		
								[==>]		[1]	
3	R	(7) N5584	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N5584E4 (25)	350 Secs (700 Secs)			
							Pattern 1, Exps 3-3 i n Sequence 1-3 Non- Int in N5584E4 (25) (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 17743 - N5643E1 (26) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

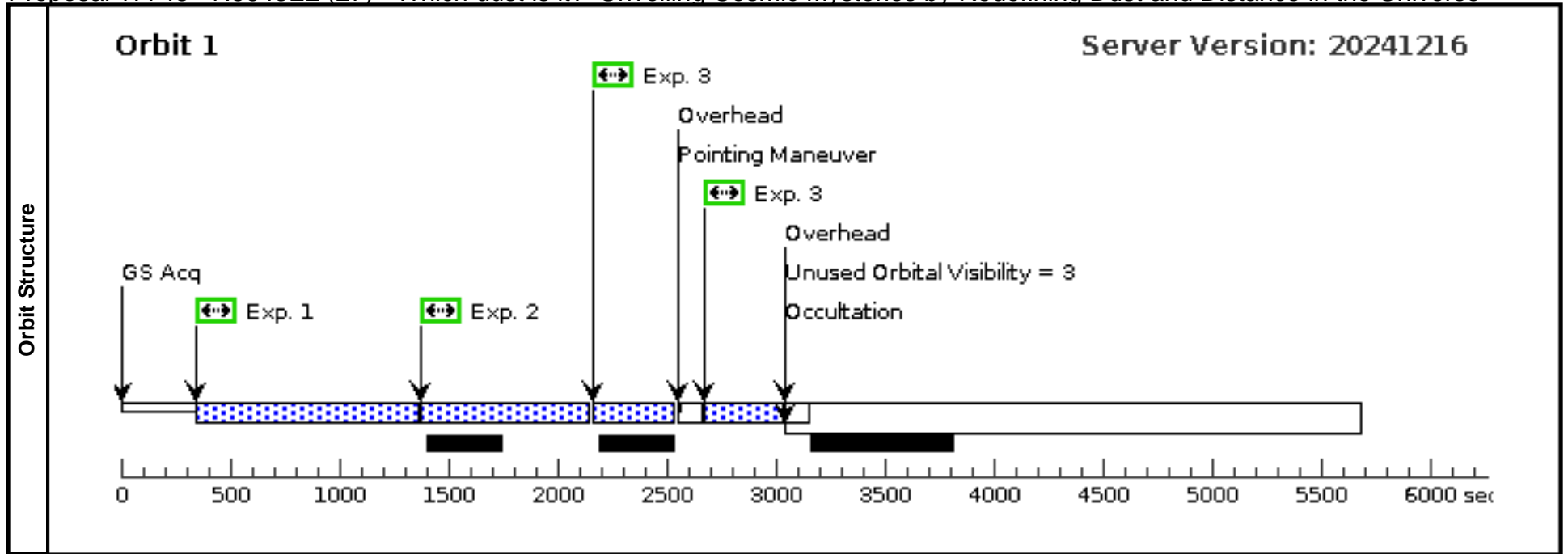
Visit	Proposal 17743, N5643E1 (26), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(8)	N5643	RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(8) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N5643E1 (26)	870 Secs (868 Secs)		
									[=>868.0 Secs]		[1]
	2	B	(8) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N5643E1 (26)	635 Secs (633 Secs)		
								[=>633.0 Secs]		[1]	
3	R	(8) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N5643E1 (26)	360 Secs (716 Secs)			
							Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N5643E1 (26)	[=>358.0 Secs (Pattern 1)]			
							(1)	[=>358.0 Secs (Pattern 2)]		[1]	



Proposal 17743 - N5643E2 (27) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

Visit	Proposal 17743, N5643E2 (27), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 26 BY 18.9 D TO 21.9 D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(8)	N5643	RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(8) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N5643E2 (27)	870 Secs (868 Secs)		
									[=>868.0 Secs]		[1]
	2	B	(8) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N5643E2 (27)	635 Secs (633 Secs)		
								[=>633.0 Secs]		[1]	
3	R	(8) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N5643E2 (27)	360 Secs (716 Secs)			
							Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N5643E2 (27)	[=>358.0 Secs (Pattern 1)]			
							(1)	[=>358.0 Secs (Pattern 2)]		[1]	



Proposal 17743 - N5643E3 (28) - Which dust is it? Unveiling Cosmic Mysteries by Redefining Dust and Distance in the Universe

Mon Feb 24 19:00:28 GMT 2025

Visit	Proposal 17743, N5643E3 (28), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 26 BY 73.9 D TO 76.9 D										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(8)	N5643	RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000		Epoch of Position: 2000		V=25	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	U	(8) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER	F390W	FLASH=10		Sequence 1-3 Non-Int in N5643E3 (28)	870 Secs (868 Secs)		
									[=>868.0 Secs]		[1]
	2	B	(8) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=5		Sequence 1-3 Non-Int in N5643E3 (28)	635 Secs (633 Secs)		
								[=>633.0 Secs]		[1]	
3	R	(8) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W	FLASH=5		Sequence 1-3 Non-Int in N5643E3 (28)	360 Secs (716 Secs)			
							Pattern 1, Exps 3-3 in Sequence 1-3 Non-Int in N5643E3 (28)	[=>358.0 Secs (Pattern 1)]			
							(1)	[=>358.0 Secs (Pattern 2)]		[1]	

