



15449 - Optical and infrared imaging of the Lagoon Nebula (M8)

Cycle: 25, Proposal Category: GO/DD

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
11	(1) M8 ANY	ACS/WFC WFC3/UVIS	3	30-Jan-2018 00:00:15.0	yes
12	(1) M8 ANY	ACS/WFC WFC3/UVIS	3	30-Jan-2018 00:00:18.0	yes
13	(1) M8 ANY	ACS/WFC WFC3/UVIS	3	30-Jan-2018 00:00:20.0	yes
14	(1) M8 ANY	ACS/WFC WFC3/UVIS	3	30-Jan-2018 00:00:22.0	yes
21	(1) M8 ANY	ACS/WFC WFC3/IR	1	30-Jan-2018 00:00:23.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
22	(1) M8 ANY	ACS/WFC WFC3/IR	1	30-Jan-2018 00:00:25.0	yes
23	(1) M8 ANY	ACS/WFC WFC3/IR	1	30-Jan-2018 00:00:26.0	yes
24	(1) M8 ANY	ACS/WFC WFC3/IR	1	30-Jan-2018 00:00:27.0	yes

16 Total Orbits Used

ABSTRACT

We propose mosaic imaging of the Lagoon Nebula, a large H II region also known as Messier 8 (M8) and NGC 6523, with WFC3 optical and infrared filters. We will also image a parallel field with ACS.

OBSERVING DESCRIPTION

These UVIS and IR mosaics are designed to execute in Feb 2018 at the same orientation. Most of the exposure time is dedicated to narrowband filters, but we also obtain short broadband exposures for continuum subtraction and star colors.

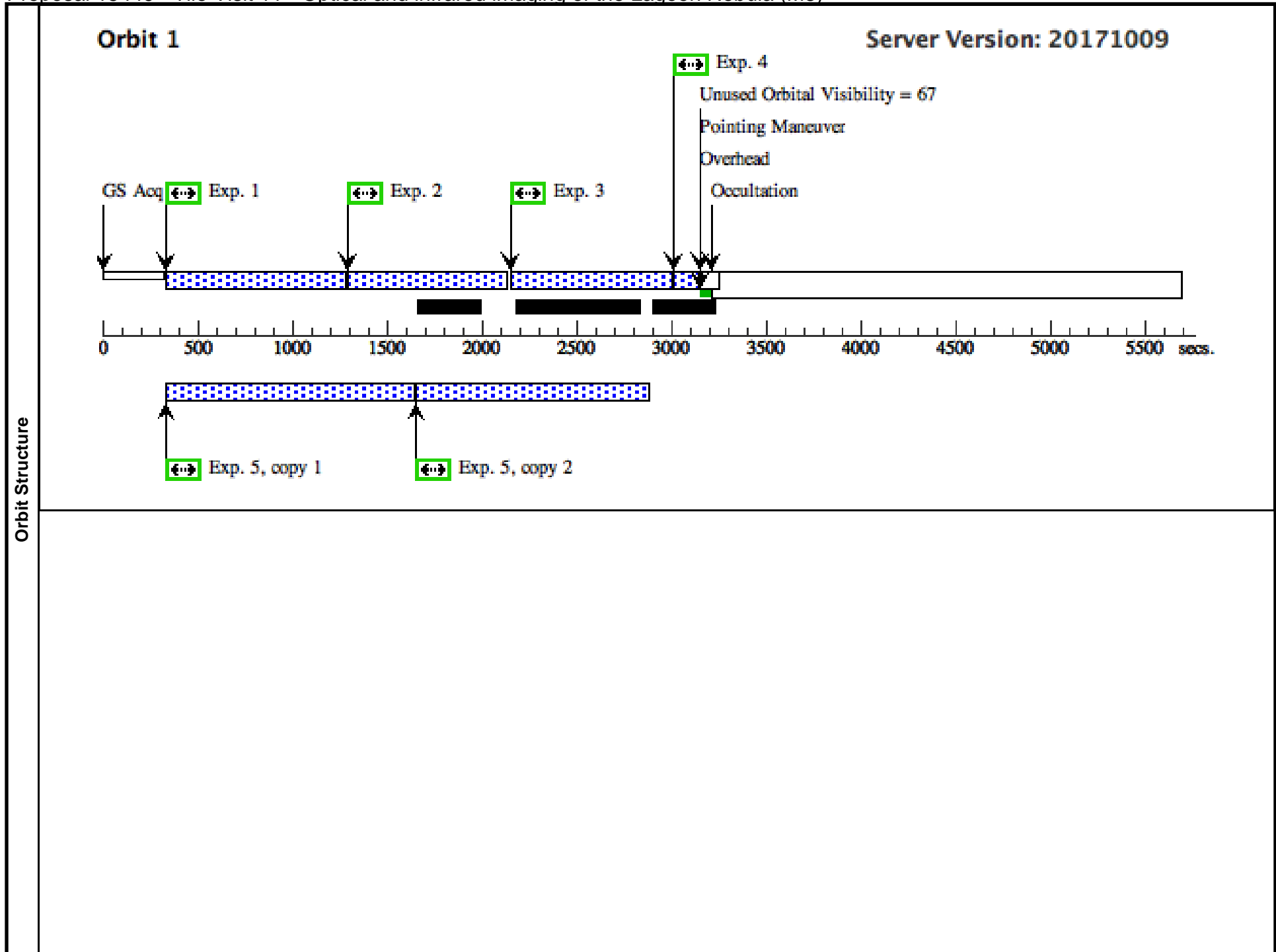
Proposal 15449 - Tile Visit 11 - Optical and infrared imaging of the Lagoon Nebula (M8)

Tue Jan 30 05:00:28 GMT 2018

Visit	Proposal 15449, Tile Visit 11, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 264D TO 274 D; BEFORE 26-FEB-2018:00:00:00					
	(Primary Exposure 4 (Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 11)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Diagnosics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(2)	Pattern Type=LINE Purpose=DITHER Number Of Points=3 Point Spacing=2.0 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.76 Angle Between Sides= Center Pattern=false	(1-5)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	M8 Alt Name1: NGC6523	RA: 18 03 41.0000 (270.9208333d) Dec: -24 22 56.00 (-24.38222d) Equinox: J2000		V=10+/-2	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[EMISSION LINE NEBULA, HII REGION, STAR FORMING REGION] Extended=YES						

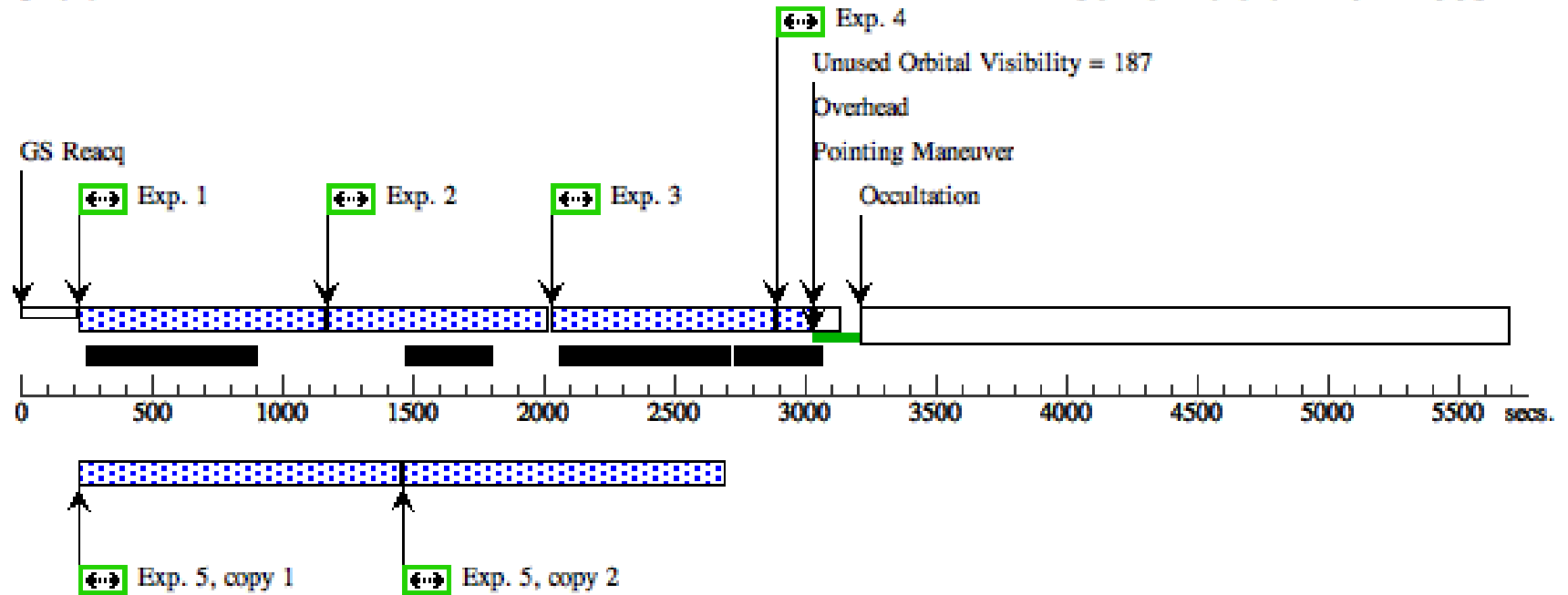
Proposal 15449 - Tile Visit 11 - Optical and infrared imaging of the Lagoon Nebula (M8)

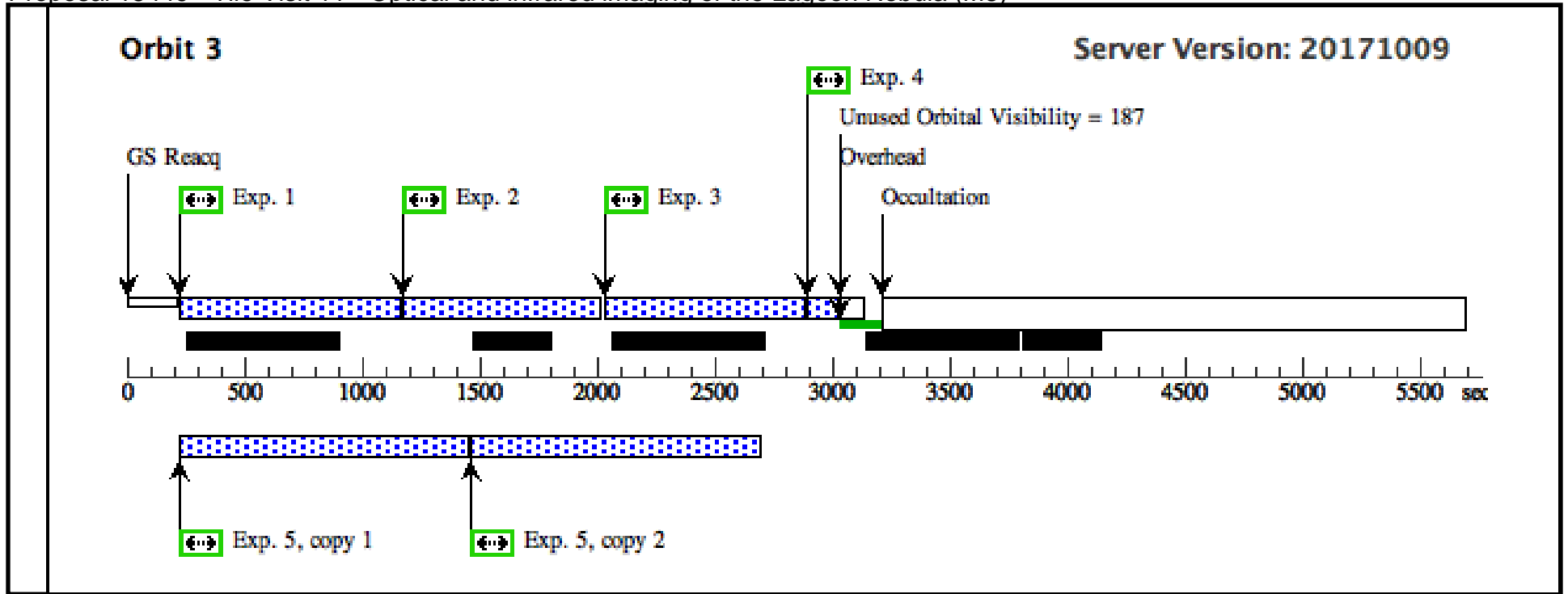
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -65.382 11331220066,-70.07 463774205152	Pattern 2, Exps 1-5 in Tile Visit 11 (2)	800 Secs (2400 Secs)		
								[==>(Pattern 1)]	[1]	
								Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 11	[==>(Pattern 2)]	[2]
								[==>(Pattern 3)]	[3]	
	2	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N	CR-SPLIT=NO; FLASH=10	POS TARG -65.382 11331220066,-70.07 463774205152	Pattern 2, Exps 1-5 in Tile Visit 11 (2)	700 Secs (2100 Secs)		
								[==>(Pattern 1)]	[1]	
								Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 11	[==>(Pattern 2)]	[2]
								[==>(Pattern 3)]	[3]	
	3	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F658N	CR-SPLIT=NO; FLASH=10	POS TARG -65.382 11331220066,-70.07 463774205152	Pattern 2, Exps 1-5 in Tile Visit 11 (2)	700 Secs (2100 Secs)		
[==>(Pattern 1)]								[1]		
Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 11								[==>(Pattern 2)]	[2]	
							[==>(Pattern 3)]	[3]		
4	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO	POS TARG -65.382 11331220066,-70.07 463774205152	Pattern 2, Exps 1-5 in Tile Visit 11 (2)	100 Secs (300 Secs)			
							[==>(Pattern 1)]	[1]		
							Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 11	[==>(Pattern 2)]	[2]	
							[==>(Pattern 3)]	[3]		
5	ANY	ACS/WFC, ACCUM, WFCENTER	F658N	CR-SPLIT=NO; FLASH=10		Pattern 2, Exps 1-5 in Tile Visit 11 (2)	1100 Secs X 2 (6600 Secs)			
							[==>(Pattern 1, Copy 1)]	[1]		
							Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 11	[==>(Pattern 1, Copy 2)]		
							[==>(Pattern 2, Copy 1)]	[2]		
							[==>(Pattern 2, Copy 2)]			
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Orbit 2

Server Version: 20171009





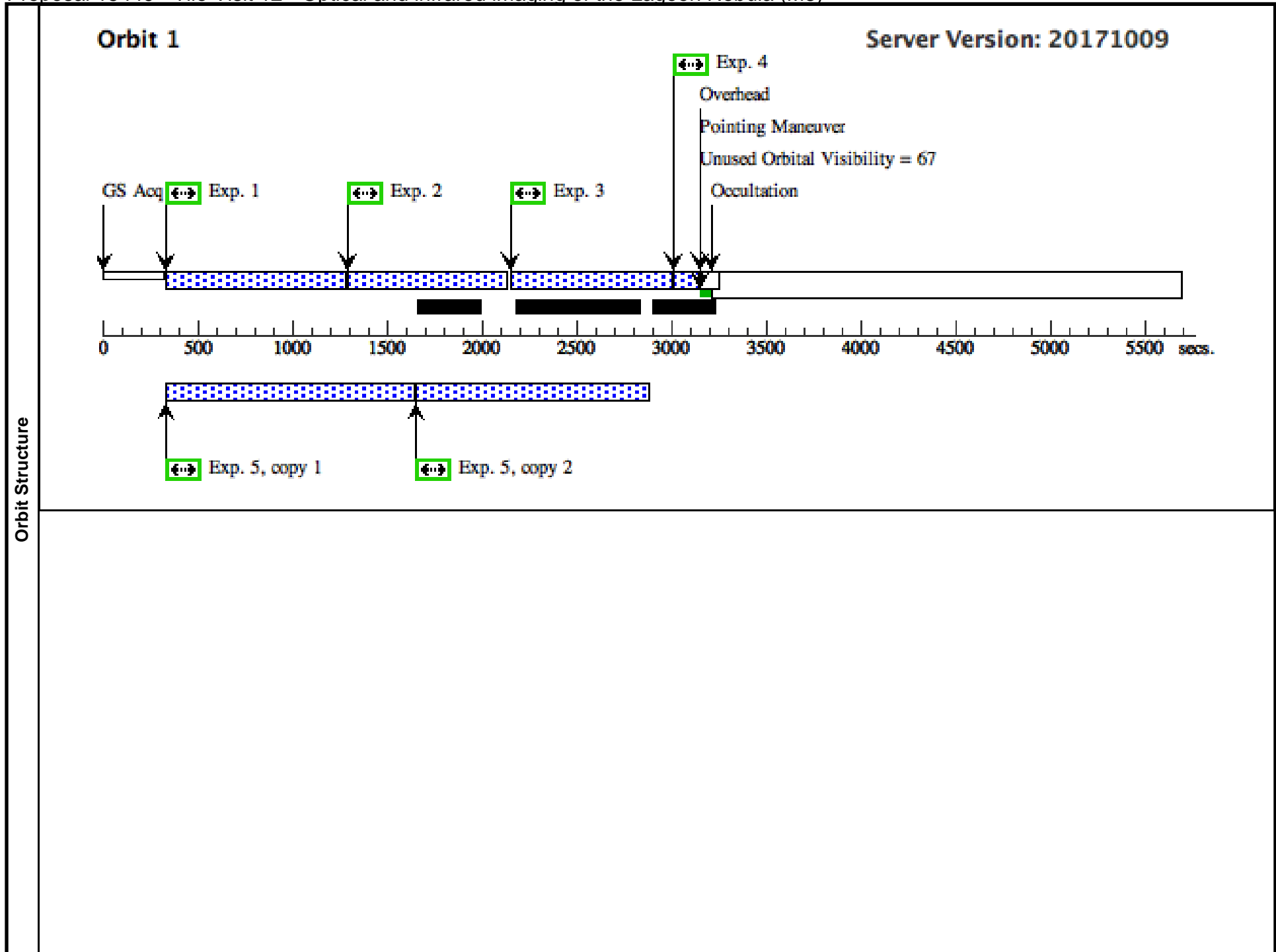
Proposal 15449 - Tile Visit 12 - Optical and infrared imaging of the Lagoon Nebula (M8)

Tue Jan 30 05:00:28 GMT 2018

Visit	Proposal 15449, Tile Visit 12 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 11; BEFORE 26-FEB-2018:00:00:00			
	(Primary Exposure 4 (Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 12)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser			
Diagnosics				
Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(2)	Pattern Type=LINE Purpose=DITHER Number Of Points=3 Point Spacing=2.0 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.76 Angle Between Sides= Center Pattern=false	(1-5)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections
	(1)	M8 Alt Name1: NGC6523	RA: 18 03 41.0000 (270.9208333d) Dec: -24 22 56.00 (-24.38222d) Equinox: J2000	V=10+/-2
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[EMISSION LINE NEBULA, HII REGION, STAR FORMING REGION] Extended=YES				
Miscellaneous: Reference Frame: SIMBAD				

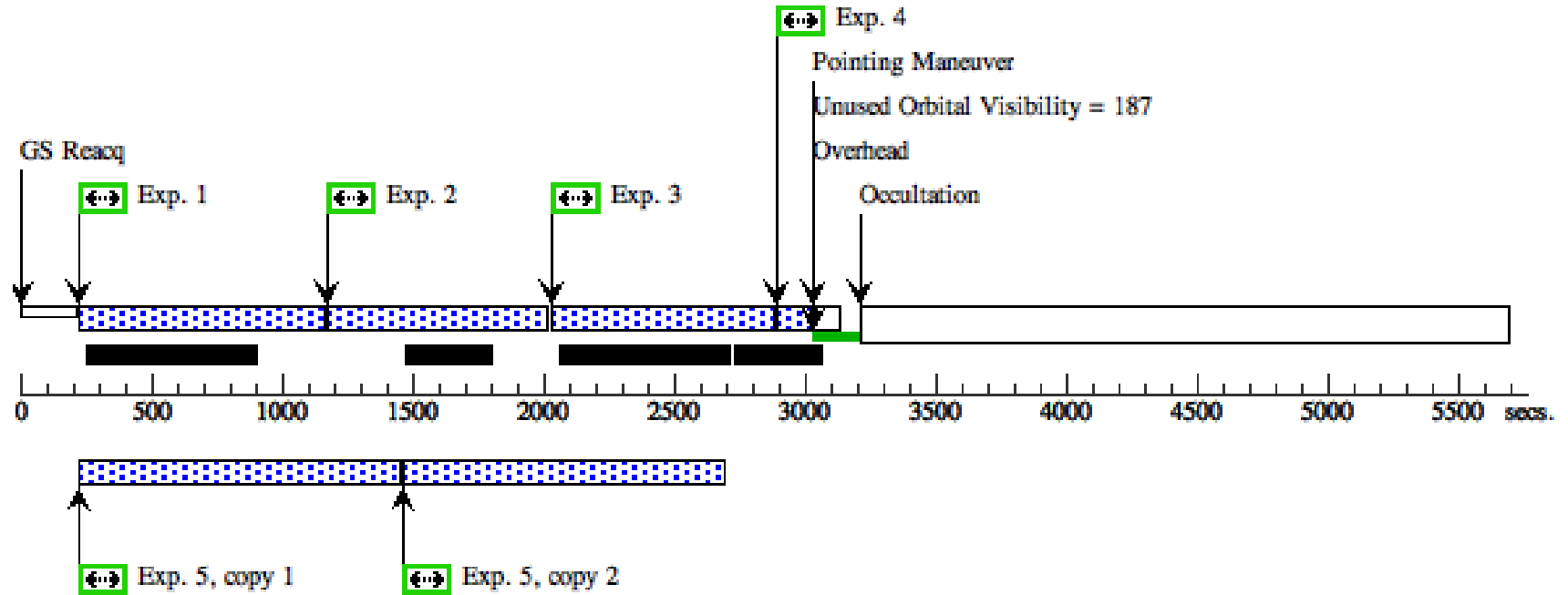
Proposal 15449 - Tile Visit 12 - Optical and infrared imaging of the Lagoon Nebula (M8)

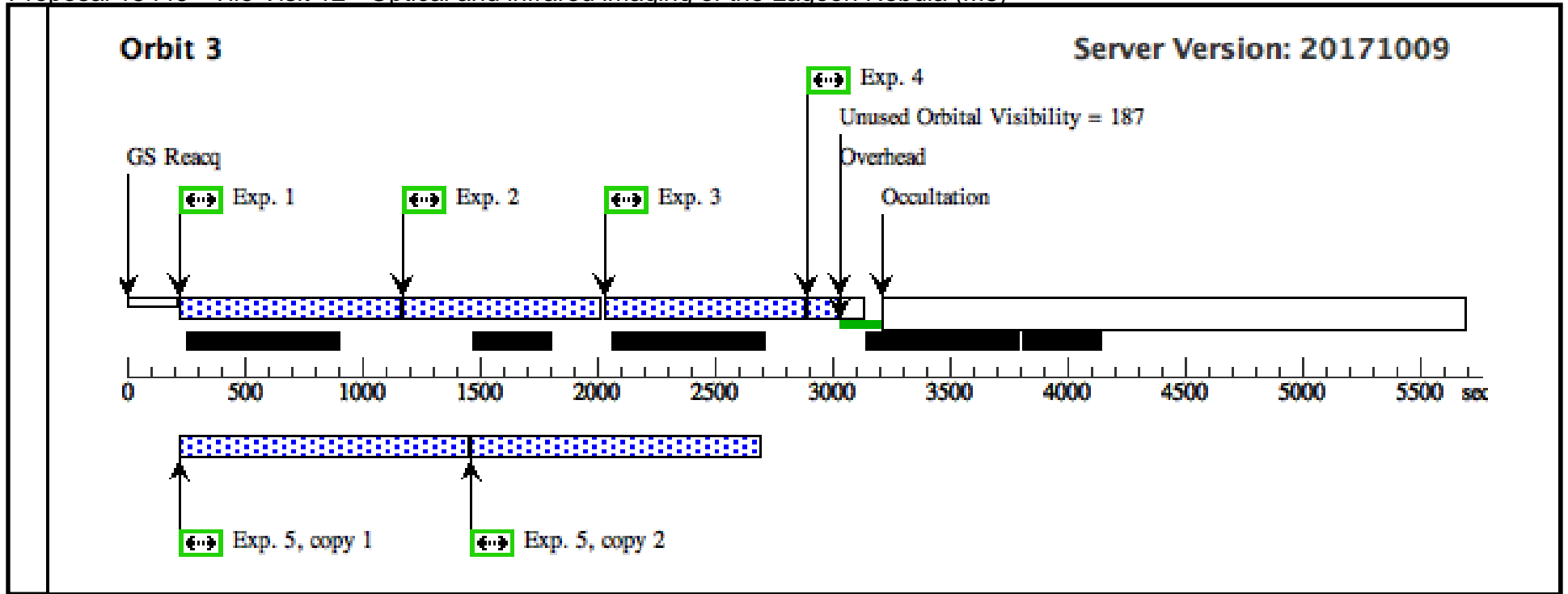
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 65.3821 1331220066,-60.930 712257948436	Pattern 2, Exps 1-5 in Tile Visit 12 (2)	800 Secs (2400 Secs)		
								[==>(Pattern 1)]	[1]	
								Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 12	[==>(Pattern 2)]	[2]
									[==>(Pattern 3)]	[3]
	2	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N	CR-SPLIT=NO; FLASH=10	POS TARG 65.3821 1331220066,-60.930 712257948436	Pattern 2, Exps 1-5 in Tile Visit 12 (2)	700 Secs (2100 Secs)		
								[==>(Pattern 1)]	[1]	
								Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 12	[==>(Pattern 2)]	[2]
									[==>(Pattern 3)]	[3]
	3	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F658N	CR-SPLIT=NO; FLASH=10	POS TARG 65.3821 1331220066,-60.930 712257948436	Pattern 2, Exps 1-5 in Tile Visit 12 (2)	700 Secs (2100 Secs)		
[==>(Pattern 1)]								[1]		
Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 12								[==>(Pattern 2)]	[2]	
								[==>(Pattern 3)]	[3]	
4	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO	POS TARG 65.3821 1331220066,-60.930 712257948436	Pattern 2, Exps 1-5 in Tile Visit 12 (2)	100 Secs (300 Secs)			
							[==>(Pattern 1)]	[1]		
							Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 12	[==>(Pattern 2)]	[2]	
								[==>(Pattern 3)]	[3]	
5	ANY	ACS/WFC, ACCUM, WFCENTER	F658N	CR-SPLIT=NO; FLASH=10		Pattern 2, Exps 1-5 in Tile Visit 12 (2)	1100 Secs X 2 (6600 Secs)			
							[==>(Pattern 1, Copy 1)]	[1]		
							Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 12	[==>(Pattern 1, Copy 2)]		
								[==>(Pattern 2, Copy 1)]	[2]	
								[==>(Pattern 2, Copy 2)]		
								[==>(Pattern 3, Copy 1)]		
								[==>(Pattern 3, Copy 2)]	[3]	



Orbit 2

Server Version: 20171009





Proposal 15449 - Tile Visit 13 - Optical and infrared imaging of the Lagoon Nebula (M8)

Tue Jan 30 05:00:28 GMT 2018

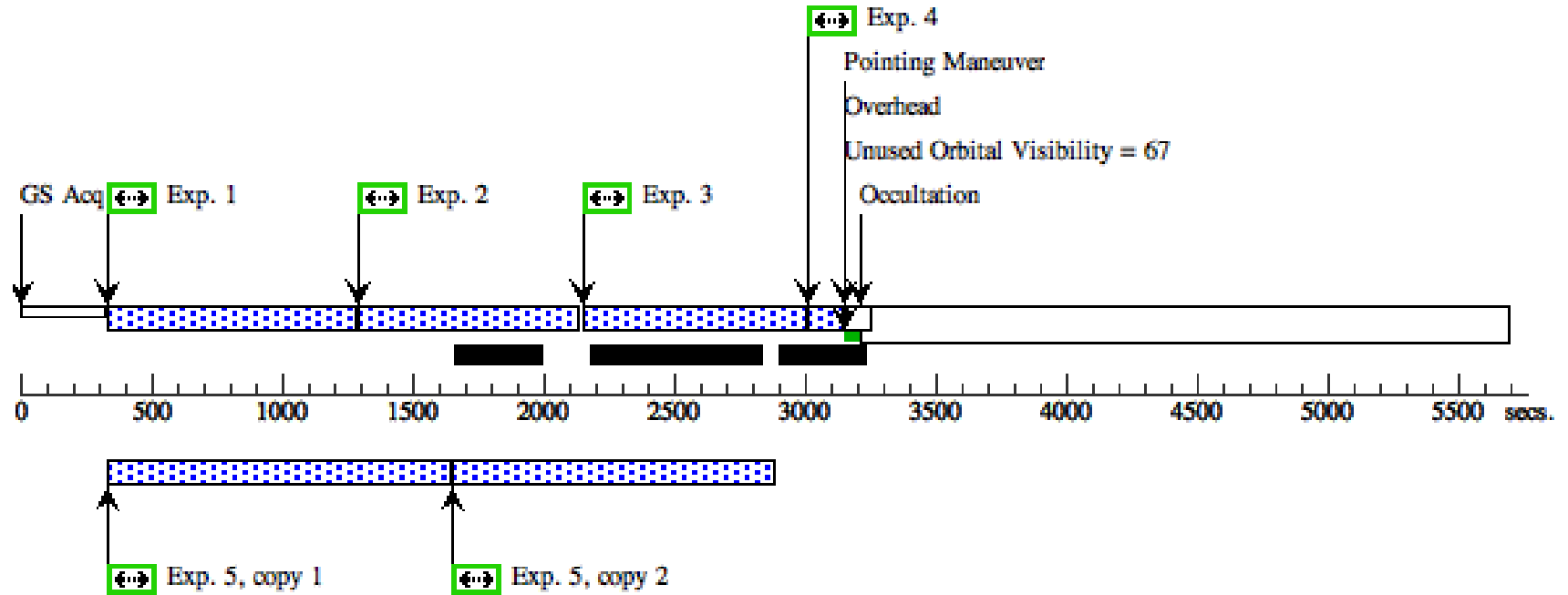
Visit	Proposal 15449, Tile Visit 13 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 11; BEFORE 26-FEB-2018:00:00:00				
	(Primary Exposure 4 (Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 13)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser				
Diagnosics					
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(2)	Pattern Type=LINE Purpose=DITHER Number Of Points=3 Point Spacing=2.0 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.76 Angle Between Sides= Center Pattern=false		(1-5)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	M8 Alt Name1: NGC6523	RA: 18 03 41.0000 (270.9208333d) Dec: -24 22 56.00 (-24.38222d) Equinox: J2000		V=10+/-2
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[EMISSION LINE NEBULA, HII REGION, STAR FORMING REGION] Extended=YES					

Proposal 15449 - Tile Visit 13 - Optical and infrared imaging of the Lagoon Nebula (M8)

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG -65.382 11331220066,60.930 71225794844	Pattern 2, Exps 1-5 in Tile Visit 13 (2)	800 Secs (2400 Secs)	[==>(Pattern 1)]	[1]
								Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 13	[==>(Pattern 2)]	[2]
									[==>(Pattern 3)]	[3]
	2	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N	CR-SPLIT=NO; FLASH=10	POS TARG -65.382 11331220066,60.930 71225794844	Pattern 2, Exps 1-5 in Tile Visit 13 (2)	700 Secs (2100 Secs)	[==>(Pattern 1)]	[1]
								Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 13	[==>(Pattern 2)]	[2]
									[==>(Pattern 3)]	[3]
	3	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F658N	CR-SPLIT=NO; FLASH=10	POS TARG -65.382 11331220066,60.930 71225794844	Pattern 2, Exps 1-5 in Tile Visit 13 (2)	700 Secs (2100 Secs)	[==>(Pattern 1)]	[1]
								Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 13	[==>(Pattern 2)]	[2]
									[==>(Pattern 3)]	[3]
4	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO	POS TARG -65.382 11331220066,60.930 71225794844	Pattern 2, Exps 1-5 in Tile Visit 13 (2)	100 Secs (300 Secs)	[==>(Pattern 1)]	[1]	
							Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 13	[==>(Pattern 2)]	[2]	
								[==>(Pattern 3)]	[3]	
5	ANY	ACS/WFC, ACCUM, WFCENTER	F658N	CR-SPLIT=NO; FLASH=10		Pattern 2, Exps 1-5 in Tile Visit 13 (2)	1100 Secs X 2 (6600 Secs)	[==>(Pattern 1, Copy 1)]	[1]	
							Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 13	[==>(Pattern 1, Copy 2)]		
								[==>(Pattern 2, Copy 1)]	[2]	
								[==>(Pattern 2, Copy 2)]		
								[==>(Pattern 3, Copy 1)]	[3]	
		[==>(Pattern 3, Copy 2)]								

Orbit 1

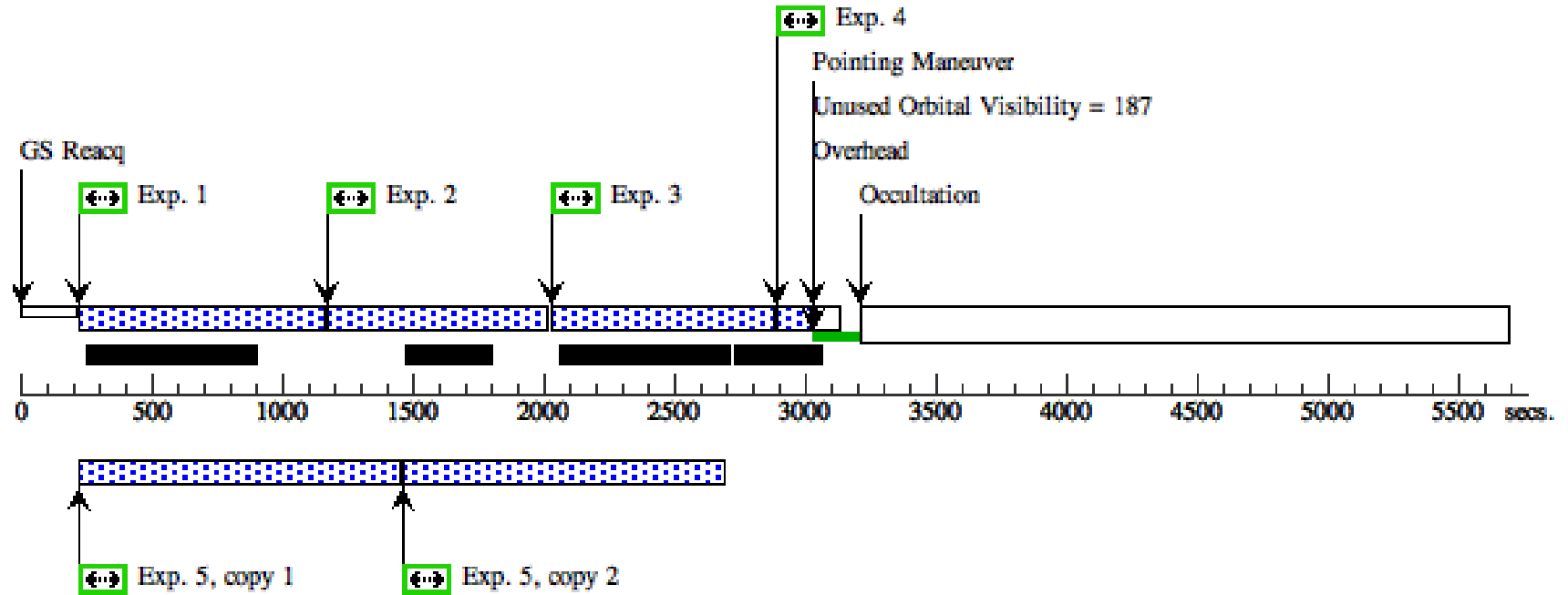
Server Version: 20171009

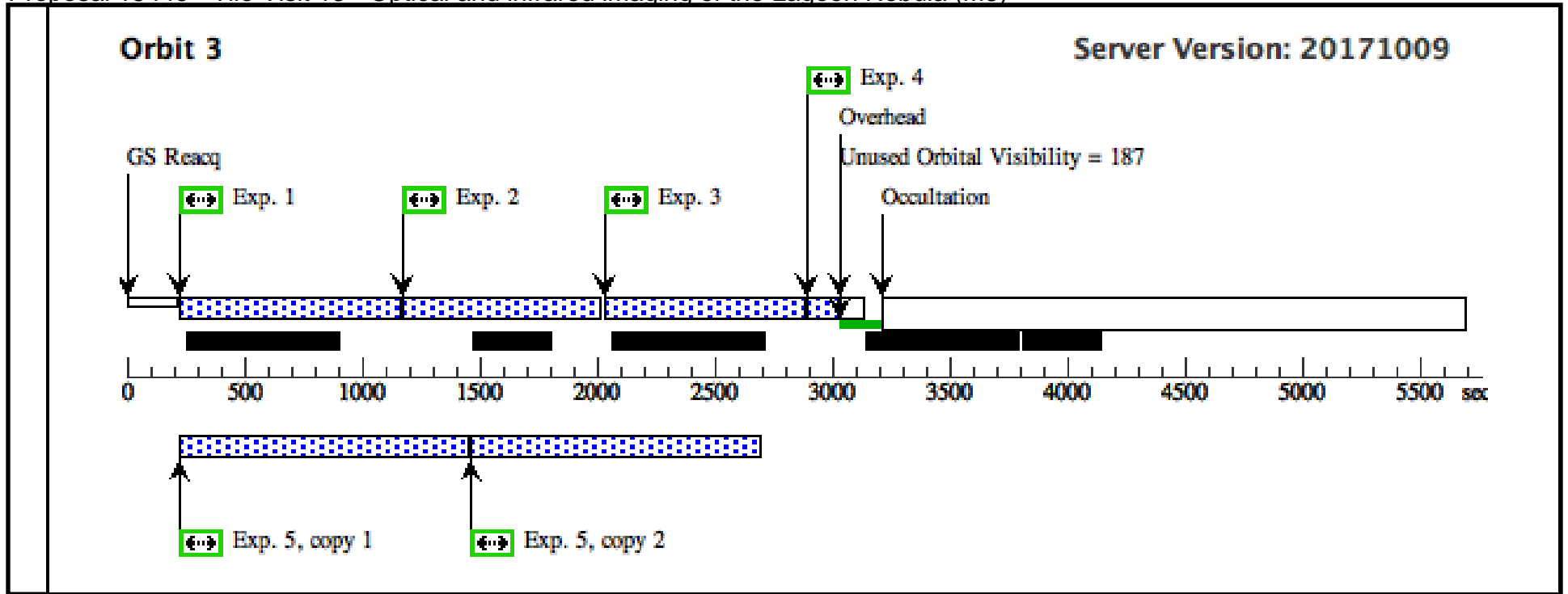


Orbit Structure

Orbit 2

Server Version: 20171009





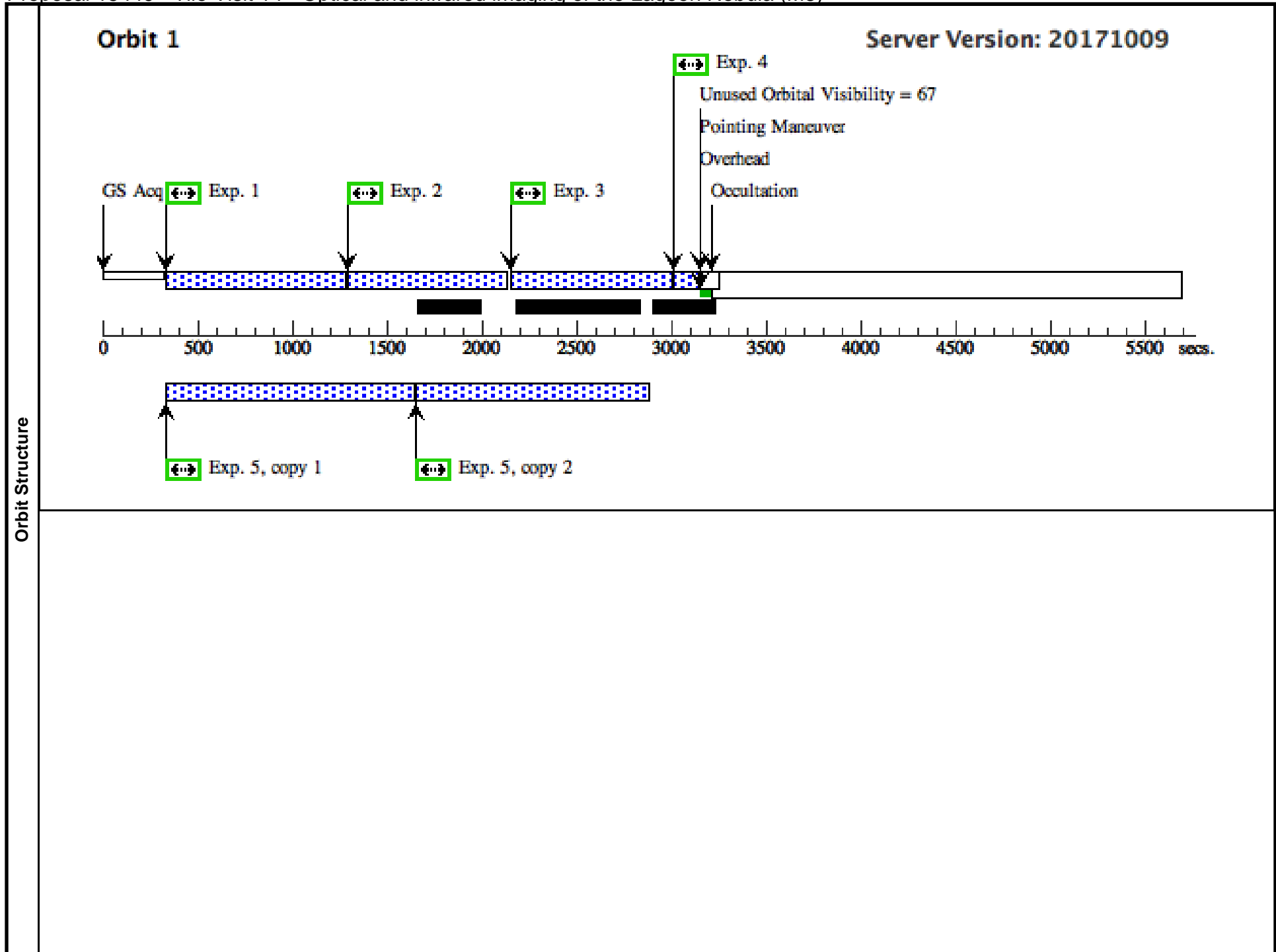
Proposal 15449 - Tile Visit 14 - Optical and infrared imaging of the Lagoon Nebula (M8)

Tue Jan 30 05:00:28 GMT 2018

Visit	Proposal 15449, Tile Visit 14 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 11; BEFORE 26-FEB-2018:00:00:00					
	(Primary Exposure 4 (Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 14)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Diagnosics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(2)	Pattern Type=LINE Purpose=DITHER Number Of Points=3 Point Spacing=2.0 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.76 Angle Between Sides= Center Pattern=false	(1-5)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	M8 Alt Name1: NGC6523	RA: 18 03 41.0000 (270.9208333d) Dec: -24 22 56.00 (-24.38222d) Equinox: J2000		V=10+/-2	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=ISM Description=[EMISSION LINE NEBULA, HII REGION, STAR FORMING REGION] Extended=YES						

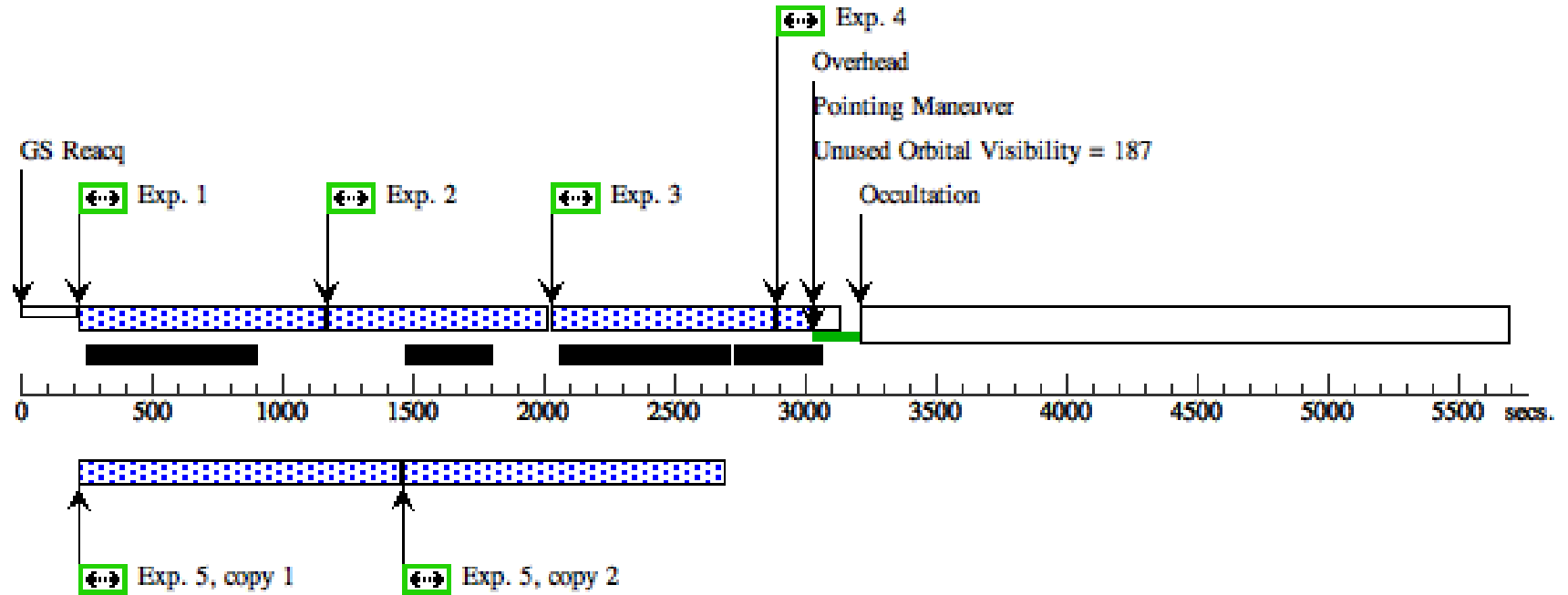
Proposal 15449 - Tile Visit 14 - Optical and infrared imaging of the Lagoon Nebula (M8)

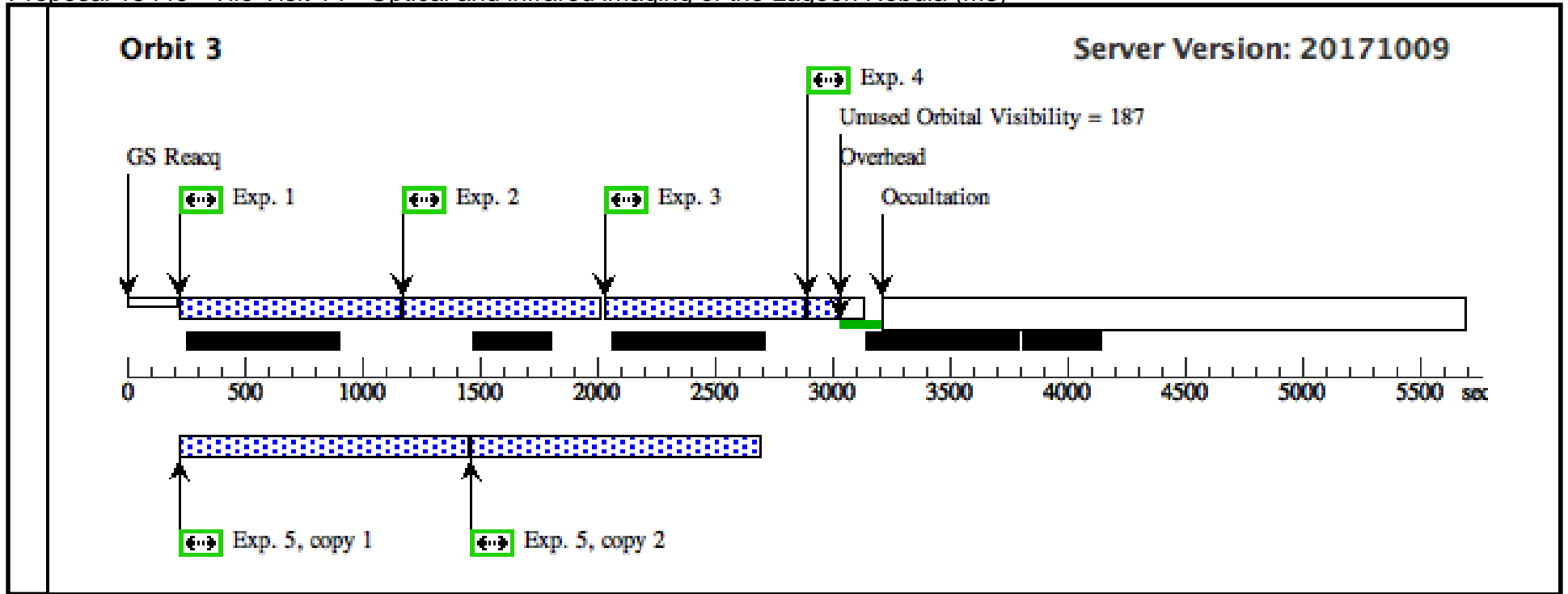
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F502N	CR-SPLIT=NO; FLASH=10	POS TARG 65.3821 1331220066,70.0746 3774205154	Pattern 2, Exps 1-5 in Tile Visit 14 (2)	800 Secs (2400 Secs)		
								[==>(Pattern 1)]	[1]	
								Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 14	[==>(Pattern 2)]	[2]
									[==>(Pattern 3)]	[3]
	2	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N	CR-SPLIT=NO; FLASH=10	POS TARG 65.3821 1331220066,70.0746 3774205154	Pattern 2, Exps 1-5 in Tile Visit 14 (2)	700 Secs (2100 Secs)		
								[==>(Pattern 1)]	[1]	
								Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 14	[==>(Pattern 2)]	[2]
									[==>(Pattern 3)]	[3]
	3	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F658N	CR-SPLIT=NO; FLASH=10	POS TARG 65.3821 1331220066,70.0746 3774205154	Pattern 2, Exps 1-5 in Tile Visit 14 (2)	700 Secs (2100 Secs)		
[==>(Pattern 1)]								[1]		
Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 14								[==>(Pattern 2)]	[2]	
								[==>(Pattern 3)]	[3]	
4	(1) M8	WFC3/UVIS, ACCUM, UVIS-CENTER	F547M	CR-SPLIT=NO	POS TARG 65.3821 1331220066,70.0746 3774205154	Pattern 2, Exps 1-5 in Tile Visit 14 (2)	100 Secs (300 Secs)			
							[==>(Pattern 1)]	[1]		
							Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 14	[==>(Pattern 2)]	[2]	
								[==>(Pattern 3)]	[3]	
5	ANY	ACS/WFC, ACCUM, WFCENTER	F658N	CR-SPLIT=NO; FLASH=10		Pattern 2, Exps 1-5 in Tile Visit 14 (2)	1100 Secs X 2 (6600 Secs)			
							[==>(Pattern 1, Copy 1)]	[1]		
							Prime + Parallel Group 1-5 in Pattern 2, Exps 1-5 in Tile Visit 14	[==>(Pattern 1, Copy 2)]		
							[==>(Pattern 2, Copy 1)]	[2]		
							[==>(Pattern 2, Copy 2)]			
								[==>(Pattern 3, Copy 1)]		
								[==>(Pattern 3, Copy 2)]	[3]	



Orbit 2

Server Version: 20171009

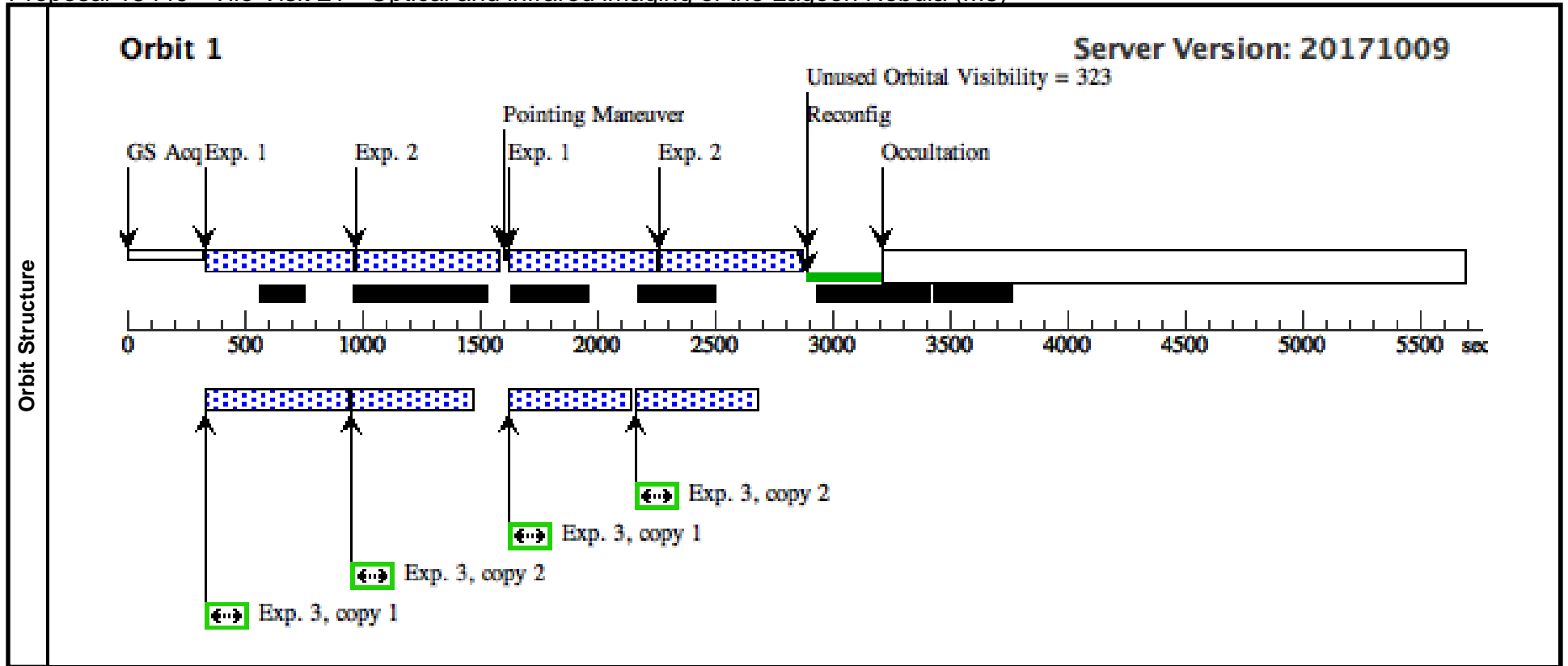




Proposal 15449 - Tile Visit 21 - Optical and infrared imaging of the Lagoon Nebula (M8)

Tue Jan 30 05:00:29 GMT 2018

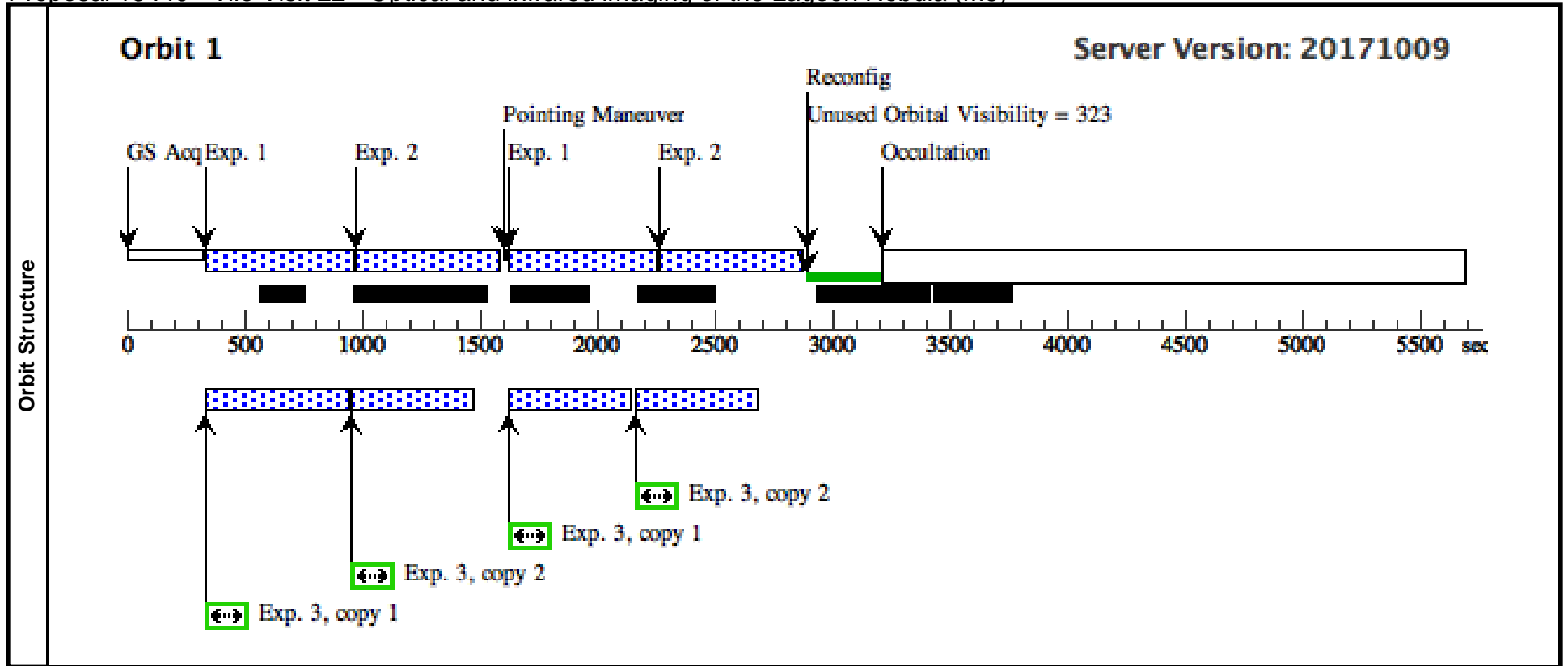
Visit	Proposal 15449, Tile Visit 21, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 11; BEFORE 26-FEB-2018:00:00:00									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(4)	Pattern Type=LINE	Coordinate Frame=POS-TARG						
		Purpose=DITHER	Pattern Orientation=42							
		Number Of Points=2	Angle Between Sides=							
		Point Spacing=5.5	Center Pattern=false							
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	M8	RA: 18 03 41.0000 (270.9208333d)		V=10+/-2	Reference Frame: SIMBAD				
		Alt Name1: NGC6523	Dec: -24 22 56.00 (-24.38222d)							
			Equinox: J2000							
		<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=ISM Description=[EMISSION LINE NEBULA, HII REGION, STAR FORMING REGION] Extended=YES								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) M8	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -62.566 38000000001,-55.37 128500000001	Pattern 4, Exps 1-3 in Tile Visit 21 (4) Prime + Parallel Group 1-3 in Pattern 4, Exps 1-3 in Tile Visit 21	599.231134 Secs (1198.462 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(1) M8	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -62.566 38000000001,-55.37 128500000001	Pattern 4, Exps 1-3 in Tile Visit 21 (4) Prime + Parallel Group 1-3 in Pattern 4, Exps 1-3 in Tile Visit 21	599.231134 Secs (1198.462 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F550M	CR-SPLIT=NO		Pattern 4, Exps 1-3 in Tile Visit 21 (4) Prime + Parallel Group 1-3 in Pattern 4, Exps 1-3 in Tile Visit 21	400 Secs X 2 (1600 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)]	[1]



Proposal 15449 - Tile Visit 22 - Optical and infrared imaging of the Lagoon Nebula (M8)

Tue Jan 30 05:00:29 GMT 2018

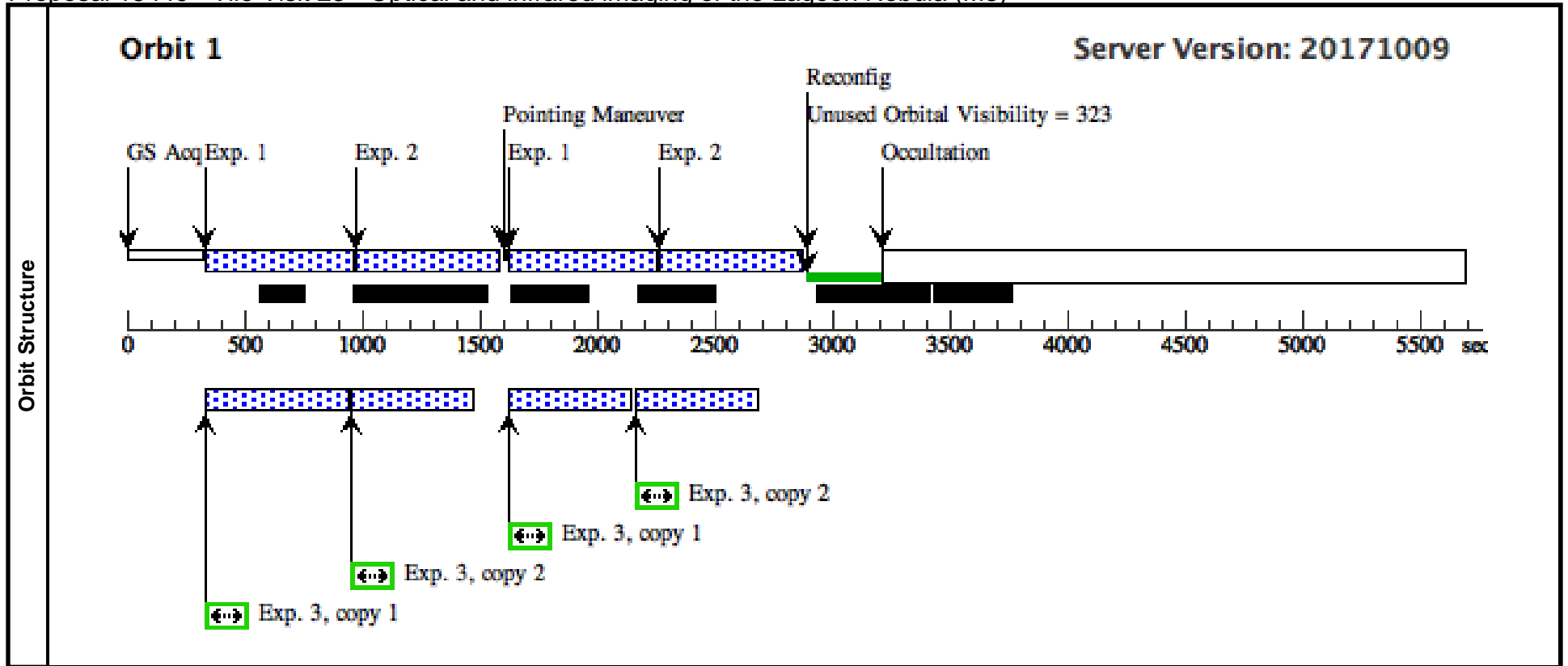
Visit	Proposal 15449, Tile Visit 22 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 21; BEFORE 26-FEB-2018:00:00:00									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(4)	Pattern Type=LINE	Coordinate Frame=POS-TARG					(1-3)	
		Purpose=DITHER	Pattern Orientation=42							
		Number Of Points=2	Angle Between Sides=							
		Point Spacing=5.5	Center Pattern=false							
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	M8	RA: 18 03 41.0000 (270.9208333d)		V=10+/-2	Reference Frame: SIMBAD				
		Alt Name1: NGC6523	Dec: -24 22 56.00 (-24.38222d)							
			Equinox: J2000							
		<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=ISM Description=[EMISSION LINE NEBULA, HII REGION, STAR FORMING REGION] Extended=YES								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) M8	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG 62.5663 8000000001,-55.371 28500000001	Pattern 4, Exps 1-3 in Tile Visit 22 (4) Prime + Parallel Group 1-3 in Pattern 4, Exps 1-3 in Tile Visit 22	599.231134 Secs (1198.462 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(1) M8	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG 62.5663 8000000001,-55.371 28500000001	Pattern 4, Exps 1-3 in Tile Visit 22 (4) Prime + Parallel Group 1-3 in Pattern 4, Exps 1-3 in Tile Visit 22	599.231134 Secs (1198.462 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F550M	CR-SPLIT=NO		Pattern 4, Exps 1-3 in Tile Visit 22 (4) Prime + Parallel Group 1-3 in Pattern 4, Exps 1-3 in Tile Visit 22	400 Secs X 2 (1600 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)]	[1]



Proposal 15449 - Tile Visit 23 - Optical and infrared imaging of the Lagoon Nebula (M8)

Tue Jan 30 05:00:29 GMT 2018

Visit	Proposal 15449, Tile Visit 23 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 21; BEFORE 26-FEB-2018:00:00:00									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(4)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=5.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=42 Angle Between Sides= Center Pattern=false					(1-3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	M8 Alt Name1: NGC6523	RA: 18 03 41.0000 (270.9208333d) Dec: -24 22 56.00 (-24.38222d) Equinox: J2000		V=10+/-2	Reference Frame: SIMBAD				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=ISM Description=[EMISSION LINE NEBULA, HII REGION, STAR FORMING REGION] Extended=YES									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) M8	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP2 00	POS TARG -62.566 38000000001,55.371 28499999999	Pattern 4, Exps 1-3 in Tile Visit 23 (4) Prime + Parallel Group 1-3 in Pattern 4, Exps 1-3 in Tile Visit 23	599.231134 Secs (1198.462 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2		(1) M8	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=10; SAMP-SEQ=STEP2 00	POS TARG -62.566 38000000001,55.371 28499999999	Pattern 4, Exps 1-3 in Tile Visit 23 (4) Prime + Parallel Group 1-3 in Pattern 4, Exps 1-3 in Tile Visit 23	599.231134 Secs (1198.462 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F550M	CR-SPLIT=NO		Pattern 4, Exps 1-3 in Tile Visit 23 (4) Prime + Parallel Group 1-3 in Pattern 4, Exps 1-3 in Tile Visit 23	400 Secs X 2 (1600 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)]	[1]



Proposal 15449 - Tile Visit 24 - Optical and infrared imaging of the Lagoon Nebula (M8)

Tue Jan 30 05:00:29 GMT 2018

Visit	Proposal 15449, Tile Visit 24 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 21; BEFORE 26-FEB-2018:00:00:00									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(4)	Pattern Type=LINE Purpose=DITHER Number Of Points=2 Point Spacing=5.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=42 Angle Between Sides= Center Pattern=false					(1-3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	M8 Alt Name1: NGC6523	RA: 18 03 41.0000 (270.9208333d) Dec: -24 22 56.00 (-24.38222d) Equinox: J2000		V=10+/-2	Reference Frame: SIMBAD				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=ISM Description=[EMISSION LINE NEBULA, HII REGION, STAR FORMING REGION] Extended=YES										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) M8	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP2 00	POS TARG 62.5663 8000000001,55.3712 8499999999	Pattern 4, Exps 1-3 in Tile Visit 24 (4) Prime + Parallel Group 1-3 in Pattern 4, Exps 1-3 in Tile Visit 24	599.231134 Secs (1198.462 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2		(1) M8	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=10; SAMP-SEQ=STEP2 00	POS TARG 62.5663 8000000001,55.3712 8499999999	Pattern 4, Exps 1-3 in Tile Visit 24 (4) Prime + Parallel Group 1-3 in Pattern 4, Exps 1-3 in Tile Visit 24	599.231134 Secs (1198.462 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F550M	CR-SPLIT=NO		Pattern 4, Exps 1-3 in Tile Visit 24 (4) Prime + Parallel Group 1-3 in Pattern 4, Exps 1-3 in Tile Visit 24	400 Secs X 2 (1600 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)]	[1]

