



18110 - Unveiling the dynamics of the Great Orion Nebula

Cycle: 33, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) M42.POS1 (29) M42.POS1-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:00:57.0	yes
02	(2) M42.POS2 (30) M42.POS2-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:00:58.0	yes
03	(3) M42.POS3 (31) M42.POS3-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:00:58.0	yes

Proposal 18110 (STScI Edit Number: 1, Created: Monday, July 27, 2026, 1:01:12PM Eastern Standard Time) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
04	(4) M42.POS4 (32) M42.POS4-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:00:59.0	yes
05	(5) M42.POS5 (33) M42.POS5-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:00:59.0	yes
06	(6) M42.POS6 (34) M42.POS6-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:00.0	yes
07	(7) M42.POS7 (35) M42.POS7-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:00.0	yes
08	(8) M42.POS8 (36) M42.POS8-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:01.0	yes
09	(9) M42.POS9 (37) M42.POS9-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:02.0	yes
10	(10) M42.POS10 (38) M42.POS10-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:02.0	yes
11	(11) M42.POS11 (39) M42.POS11-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:03.0	yes
12	(12) M42.POS12 (40) M42.POS12-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:03.0	yes
13	(13) M42.POS13 (41) M42.POS13-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:04.0	yes
14	(14) M42.POS14 (42) M42.POS14-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:05.0	yes
15	(15) M42.POS15 (43) M42.POS15-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:05.0	yes
16	(16) M42.POS16 (44) M42.POS16-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:06.0	yes
17	(17) M42.POS17 (45) M42.POS17-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:06.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
18	(18) M42.POS18 (46) M42.POS18-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:07.0	yes
19	(19) M42.POS19 (47) M42.POS19-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:07.0	yes
20	(20) M42.POS20 (48) M42.POS20-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:08.0	yes
21	(21) M42.POS21 (49) M42.POS21-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:08.0	yes
22	(22) M42.POS22 (50) M42.POS22-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:09.0	yes
23	(23) M42.POS23 (51) M42.POS23-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:09.0	yes
24	(24) M42.POS24 (52) M42.POS24-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:10.0	yes
25	(25) M42.POS25 (53) M42.POS25-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:10.0	yes
26	(26) M42.POS26 (54) M42.POS26-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:11.0	yes
27	(27) M42.POS27 (55) M42.POS27-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:11.0	yes
28	(28) M42.POS28 (56) M42.POS28-PAR	ACS/WFC WFC3/UVIS	1	27-Jul-2026 14:01:12.0	yes

28 Total Orbits Used

ABSTRACT

Thanks to the extraordinary lifetime of the HST, we have today a unique opportunity of unraveling the fascinating dynamics of the Orion Nebula with its elusive multitude of jets, Herbig-Haro objects, shocks etc that fill the region, all tracers of a violent early epoch where newborn stars endure the rapid destruction of their parental clouds by their high mass companions. While previous proper motions studies have focused on the nebular core

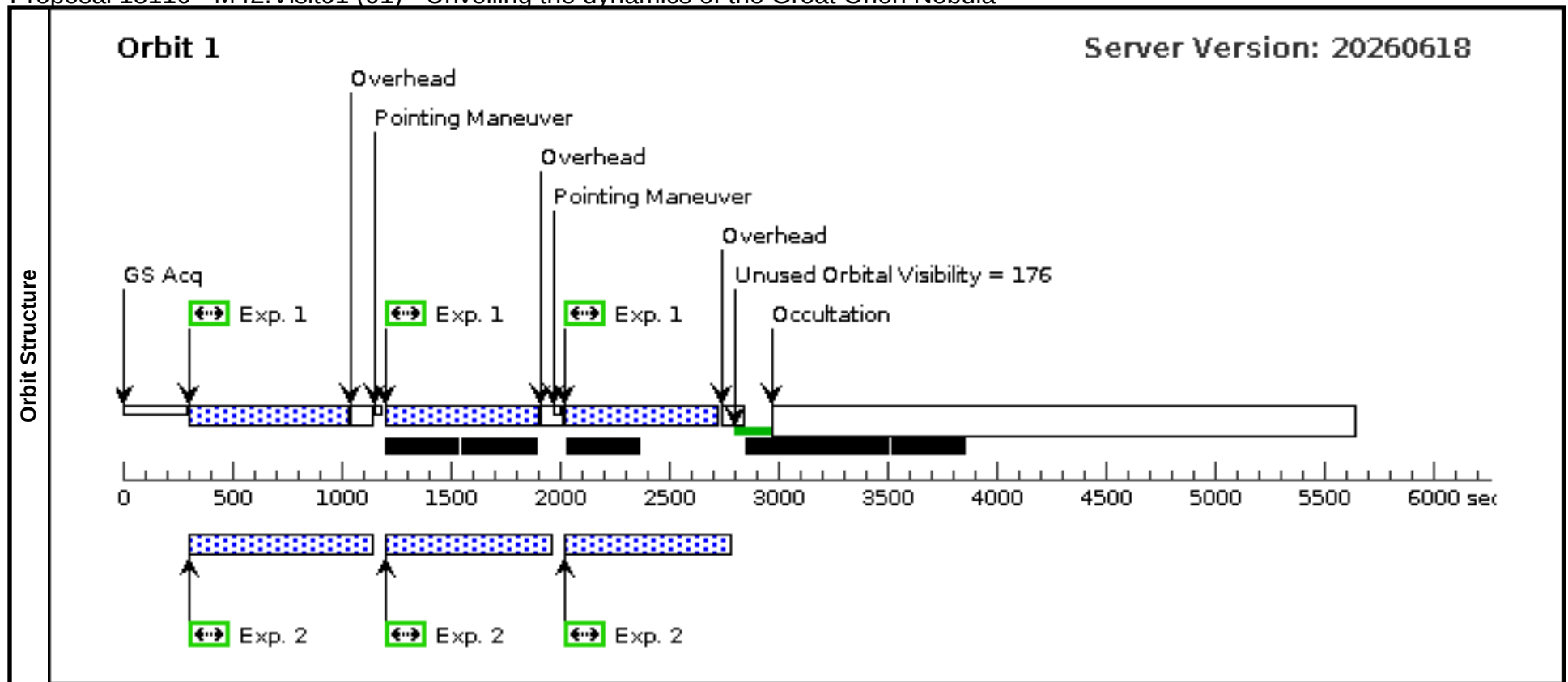
region, two large HST programs, GO9460 and GO10246 have covered almost simultaneously the Extended Orion Nebula, an area about 15 times larger, in H α around year 2004, but no second epoch as yet been taken. Twenty years later, this observation is now critically needed before HST completes his lifetime.

OBSERVING DESCRIPTION

We use ACS/WFC with the F658N and WFC3/UVIS with the F656N filter in parallel to maximize the observing efficiency, covering most of the field that required more than 50 orbits with the early ACS surveys in just 28 orbits. We verified that in Reduced Gyro Mode the original orientation angles used by the ACS surveys are no more accessible. The best Position Angle that maximizes schedulability is 300deg and the pattern that maximizes observing efficiency is shown in Fig. 3 with ACS and WFC3 in color purple and blue, respectively. For each pointing we will take 3 dithered frames, the maximum number allowed with ACS.

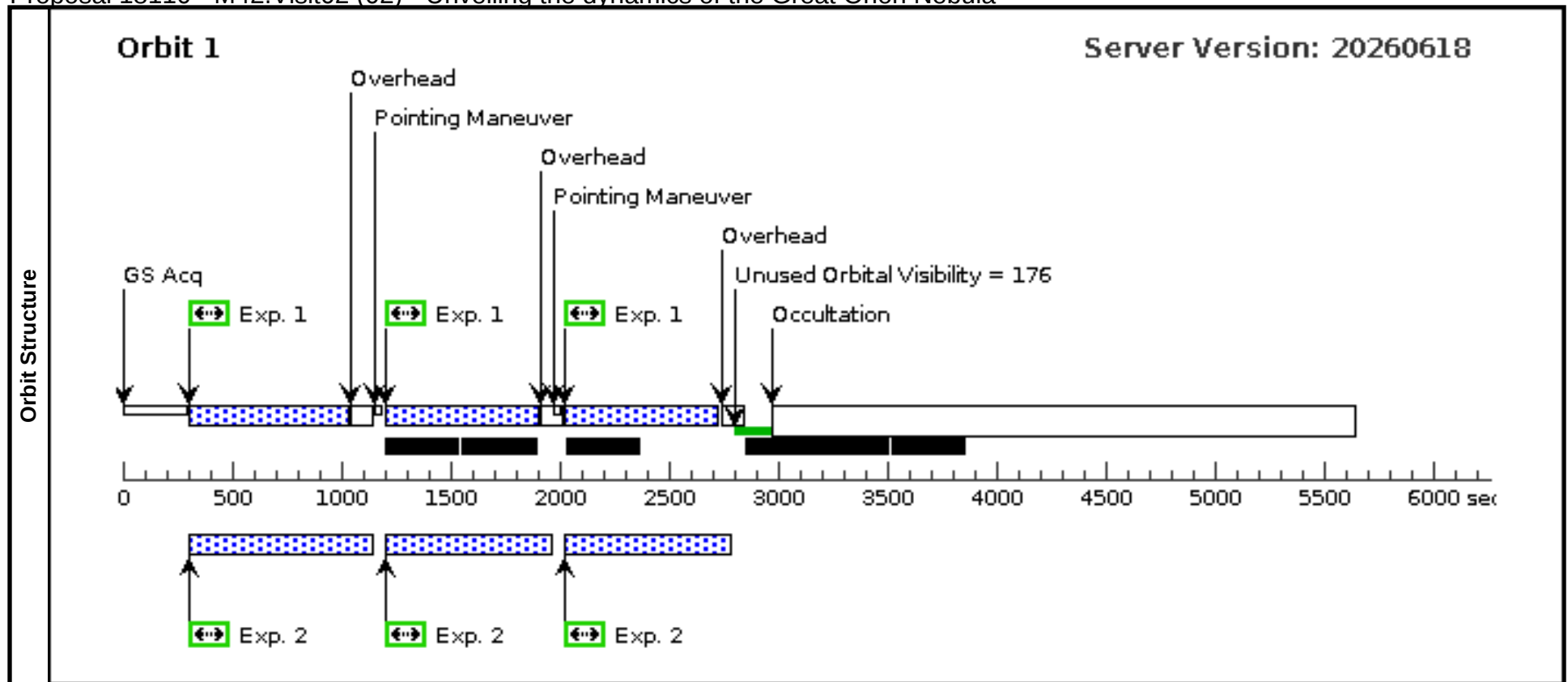
Proposal 18110 - M42.Visit01 (01) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit01 (01), implementation										Mon Jul 27 18:01:12 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 310D TO 310 D										
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit01 (01))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=SPIRAL		Coordinate Frame=POS-TARG						(1-2)	
Fixed Targets		Purpose=DITHER		Pattern Orientation=113.88							
		Number Of Points=3		Angle Between Sides=							
		Point Spacing=39.3		Center Pattern=false							
		Line Spacing=									
	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	M42.POS1	RA: 05 35 30.8450 (83.8785208d)		Proper Motion RA: 1.67 mas/yr		V=20+/-3		Reference Frame: ICRS		
			Dec: -05 15 50.00 (-5.26389d)		Proper Motion Dec: -0.30000010156072676 mas/yr						
			Equinox: J2000		Epoch of Position: 2000						
		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=EXT-STAR										
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
	(29)	M42.POS1-PAR	RA: 05 35 30.8450 (83.8785208d)		Proper Motion RA: 1.67 mas/yr		V=20+/-3		Reference Frame: ICRS		
			Dec: -05 15 50.00 (-5.26389d)		Proper Motion Dec: -0.30000010156072676 mas/yr						
			Equinox: J2000		Epoch of Position: 2000						
	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=EXT-STAR										
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		(1) M42.POS1	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit01 (01) (1)	700 Secs (2100 Secs)		
								Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit01 (01)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(29) M42.POS1-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit01 (01) (1)	635 Secs (1905 Secs)		
								Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit01 (01)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	



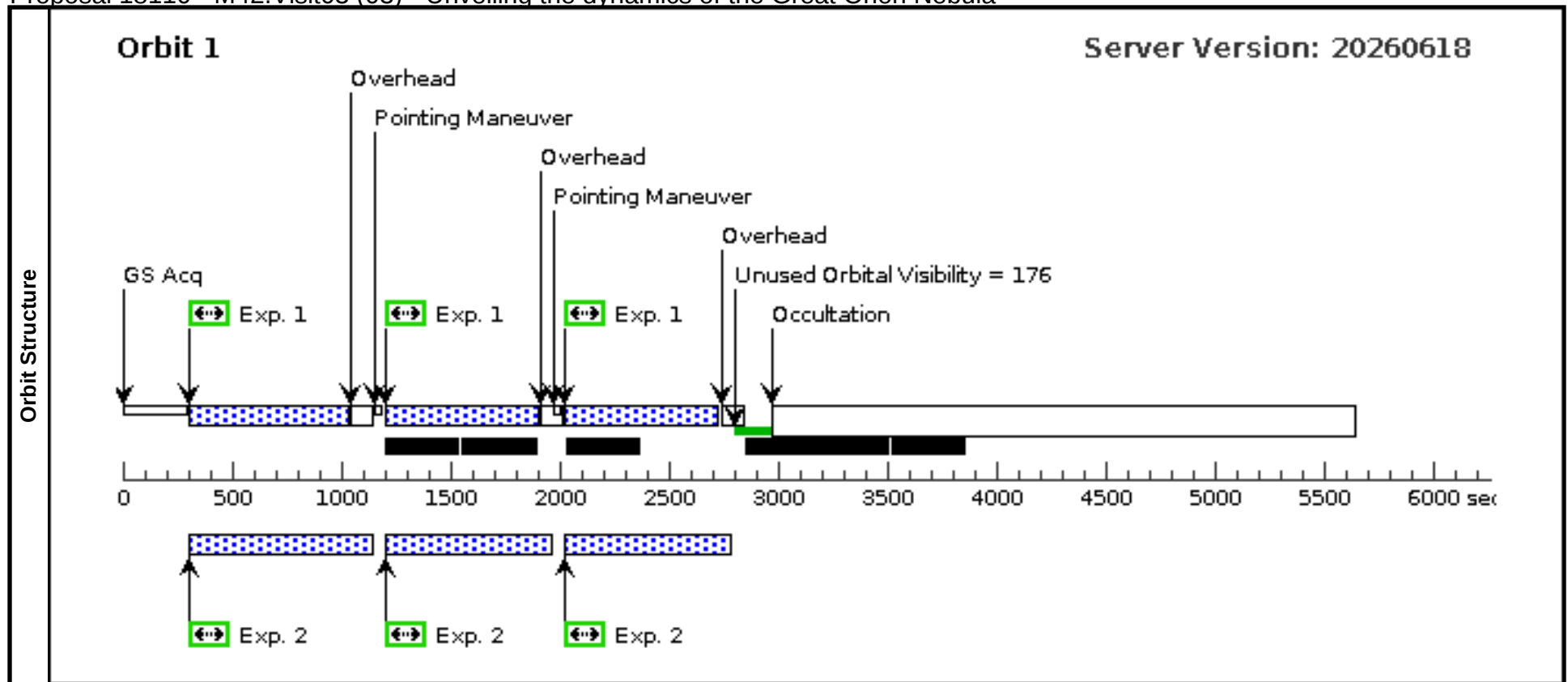
Proposal 18110 - M42.Visit02 (02) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit02 (02), implementation										Mon Jul 27 18:01:12 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 310D TO 310 D										
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit02 (02))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=SPIRAL		Coordinate Frame=POS-TARG						(1-2)	
Fixed Targets		Purpose=DITHER		Pattern Orientation=113.88							
		Number Of Points=3		Angle Between Sides=							
		Point Spacing=39.3		Center Pattern=false							
		Line Spacing=									
	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	M42.POS2	RA: 05 35 20.3450 (83.8347708d)		Proper Motion RA: 1.67 mas/yr		V=20+/-3		Reference Frame: ICRS		
			Dec: -05 15 56.00 (-5.26556d)		Proper Motion Dec: -0.30000010156072676 mas/yr						
			Equinox: J2000		Epoch of Position: 2000						
		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=EXT-STAR										
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
	(30)	M42.POS2-PAR	RA: 05 35 20.3450 (83.8347708d)		Proper Motion RA: 1.67 mas/yr		V=20+/-3		Reference Frame: ICRS		
			Dec: -05 15 56.00 (-5.26556d)		Proper Motion Dec: -0.30000010156072676 mas/yr						
			Equinox: J2000		Epoch of Position: 2000						
	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=EXT-STAR										
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		(2) M42.POS2	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit02 (02) (1)	700 Secs (2100 Secs)		
								Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit02 (02)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(30) M42.POS2-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit02 (02) (1)	635 Secs (1905 Secs)		
								Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit02 (02)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	



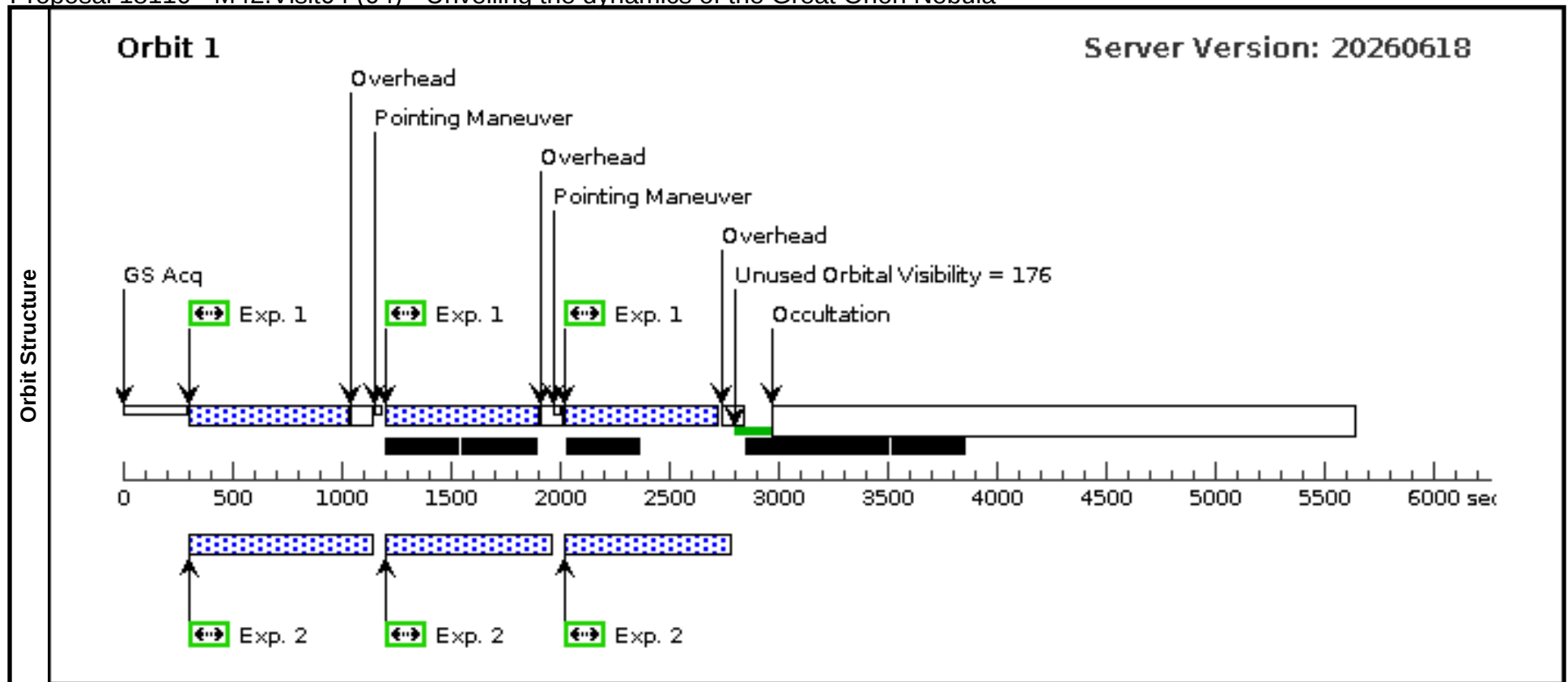
Proposal 18110 - M42.Visit03 (03) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit03 (03), implementation										Mon Jul 27 18:01:13 GMT 2026				
	Diagnostic Status: Warning														
	Scientific Instruments: WFC3/UVIS, ACS/WFC														
	Special Requirements: ORIENT 310D TO 310 D														
Diagnostics	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit03 (03))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser														
Patterns	#	Primary Pattern						Secondary Pattern						Exposures	
	(1)	Pattern Type=SPIRAL			Coordinate Frame=POS-TARG									(1-2)	
Purpose=DITHER			Pattern Orientation=113.88												
Number Of Points=3			Angle Between Sides=												
Point Spacing=39.3			Center Pattern=false												
Line Spacing=															
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Fluxes			Miscellaneous			
	(3)	M42.POS3	RA: 05 35 9.8450 (83.7910208d)			Proper Motion RA: 1.67 mas/yr			V=20+/-3			Reference Frame: ICRS			
				Dec: -05 16 2.00 (-5.26722d)			Proper Motion Dec: -0.30000010156072676 mas/yr								
				Equinox: J2000			Epoch of Position: 2000								
	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=EXT-STAR														
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]														
	(31)	M42.POS3-PAR	RA: 05 35 9.8450 (83.7910208d)			Proper Motion RA: 1.67 mas/yr			V=20+/-3			Reference Frame: ICRS			
				Dec: -05 16 2.00 (-5.26722d)			Proper Motion Dec: -0.30000010156072676 mas/yr								
			Equinox: J2000			Epoch of Position: 2000									
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=EXT-STAR															
Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]															
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]			Orbit			
	1		(3) M42.POS3	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit03 (03) (1)	700 Secs (2100 Secs)			[1]			
									[==>(Pattern 1)]						
								[==>(Pattern 2)]							
								[==>(Pattern 3)]							
2		(31) M42.POS3-PAR	ACS/WFC, ACCUM, WFC	F658N				Pattern 1, Exps 1-2 in M42.Visit03 (03) (1)	635 Secs (1905 Secs)			[1]			
								[==>(Pattern 1)]							
								[==>(Pattern 2)]							
								[==>(Pattern 3)]							



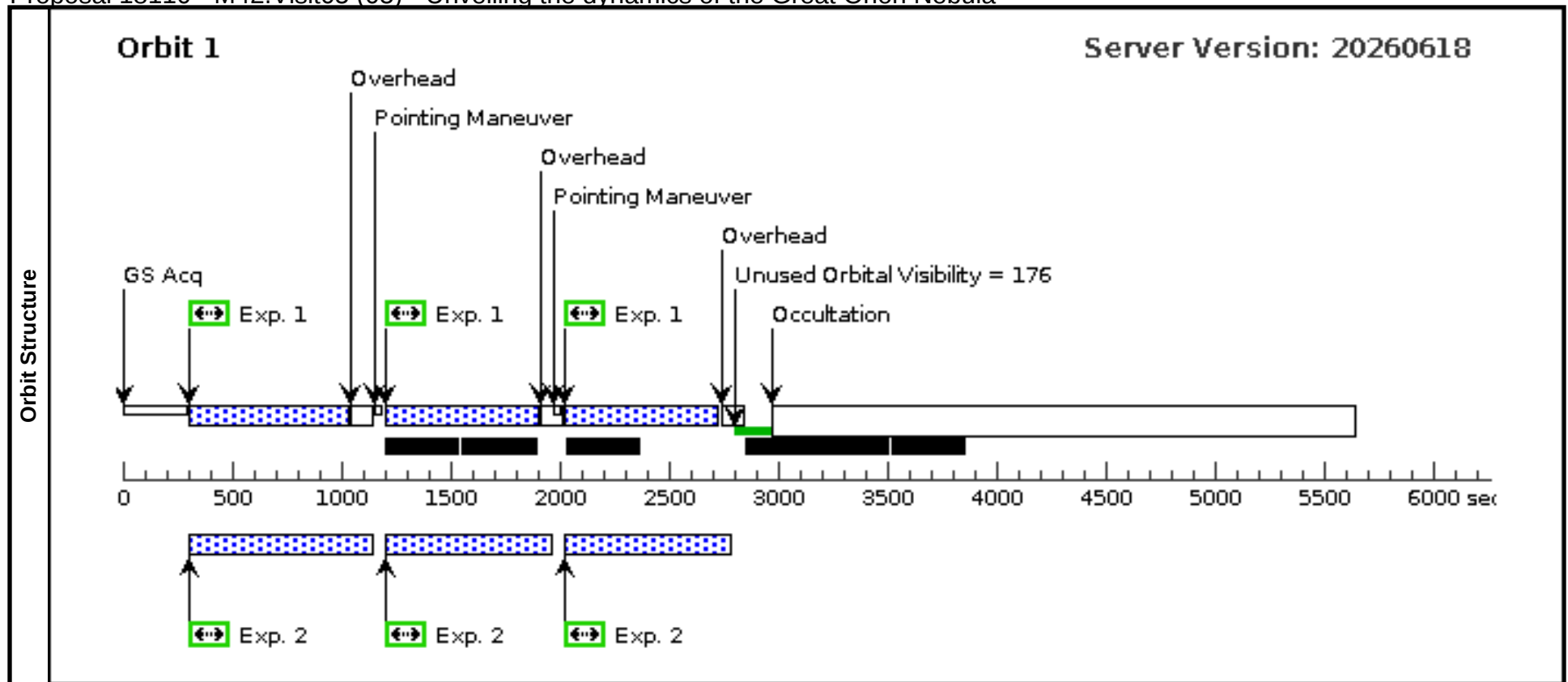
Proposal 18110 - M42.Visit04 (04) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit04 (04), implementation										Mon Jul 27 18:01:13 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 310D TO 310 D										
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit04 (04))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	M42.POS4	RA: 05 34 59.3450 (83.7472708d) Dec: -05 16 2.00 (-5.26722d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR										
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
(32)	M42.POS4-PAR	RA: 05 34 59.3450 (83.7472708d) Dec: -05 16 2.00 (-5.26722d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR											
Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) M42.POS4	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit04 (04) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit04 (04)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(32) M42.POS4-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit04 (04) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit04 (04)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		



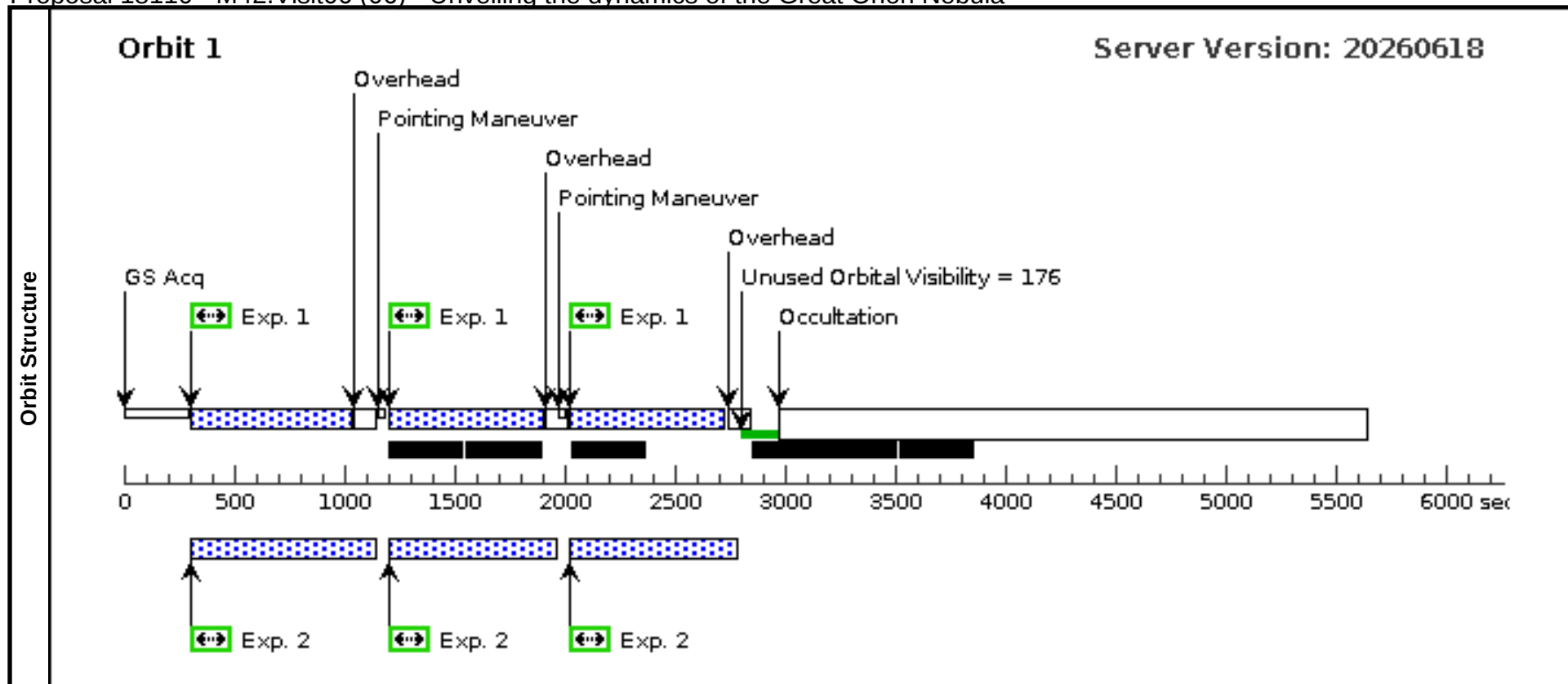
Proposal 18110 - M42.Visit05 (05) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit05 (05), implementation										Mon Jul 27 18:01:13 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 310D TO 310 D										
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit05 (05))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	M42.POS5	RA: 05 34 48.8450 (83.7035208d) Dec: -05 16 8.00 (-5.26889d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR										
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
(33)	M42.POS5-PAR	RA: 05 34 48.8450 (83.7035208d) Dec: -05 16 8.00 (-5.26889d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR											
Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) M42.POS5	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit05 (05) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit05 (05)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(33) M42.POS5-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit05 (05) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit05 (05)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		



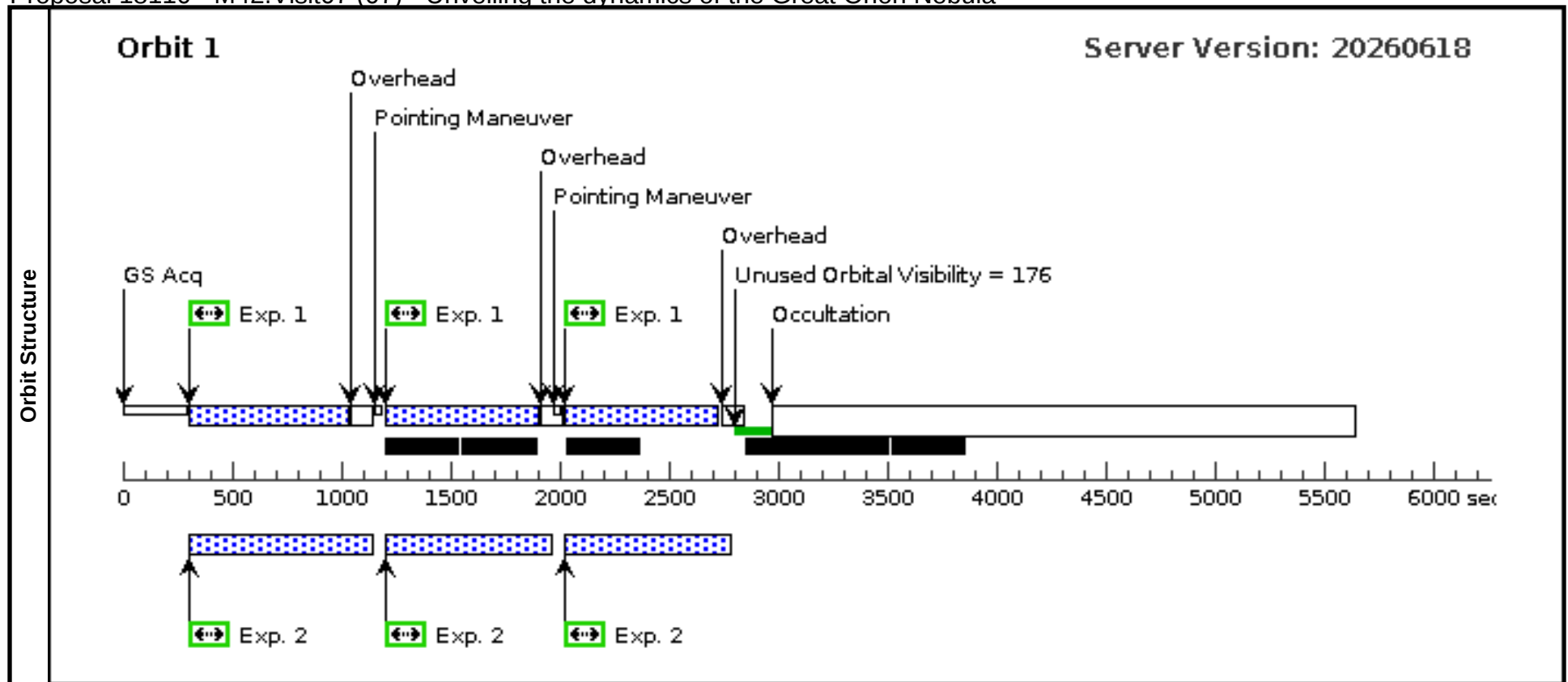
Proposal 18110 - M42.Visit06 (06) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit06 (06), implementation										Mon Jul 27 18:01:13 GMT 2026	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS, ACS/WFC											
	Special Requirements: ORIENT 310D TO 310 D											
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit06 (06))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(1)	Pattern Type=SPIRAL		Coordinate Frame=POS-TARG						(1-2)		
		Purpose=DITHER		Pattern Orientation=113.88								
		Number Of Points=3		Angle Between Sides=								
		Point Spacing=39.3		Center Pattern=false								
		Line Spacing=										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(6)	M42.POS6	RA: 05 34 38.3450 (83.6597708d)		Proper Motion RA: 1.67 mas/yr		V=20+/-3		Reference Frame: ICRS			
			Dec: -05 16 20.00 (-5.27222d)		Proper Motion Dec: -0.30000010156072676 mas/yr							
			Equinox: J2000		Epoch of Position: 2000							
		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=EXT-STAR										
		Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
	(34)	M42.POS6-PAR	RA: 05 34 38.3450 (83.6597708d)		Proper Motion RA: 1.67 mas/yr		V=20+/-3		Reference Frame: ICRS			
			Dec: -05 16 20.00 (-5.27222d)		Proper Motion Dec: -0.30000010156072676 mas/yr							
		Equinox: J2000		Epoch of Position: 2000								
	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=EXT-STAR											
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(6) M42.POS6	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit06 (06) (1)	700 Secs (2100 Secs)		[1]	
								Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit06 (06)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]			
	2		(34) M42.POS6-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit06 (06) (1)	635 Secs (1905 Secs)			
								Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit06 (06)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	



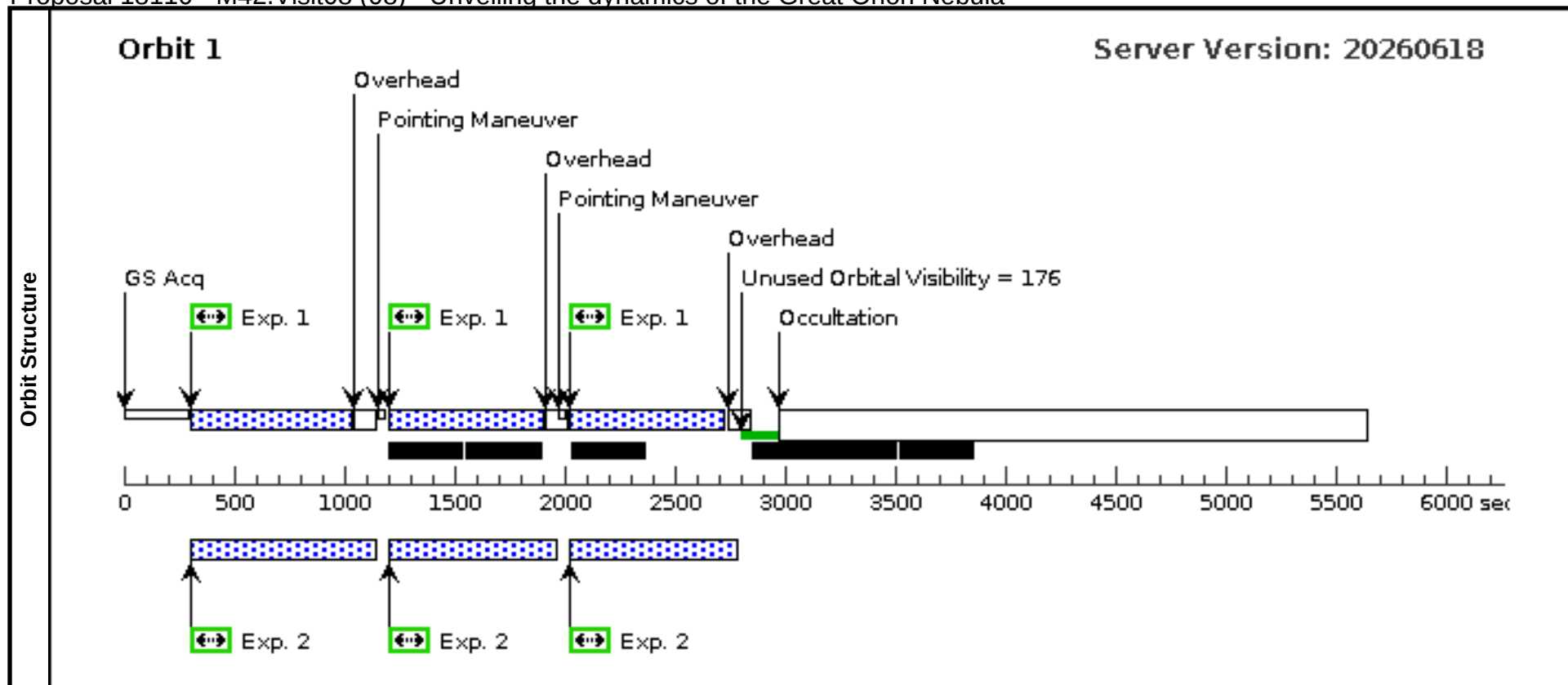
Proposal 18110 - M42.Visit07 (07) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit07 (07), implementation					Mon Jul 27 18:01:13 GMT 2026				
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: ORIENT 310D TO 310 D									
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit07 (07))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false			(1-2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	M42.POS7	RA: 05 34 27.8450 (83.6160208d) Dec: -05 16 26.00 (-5.27389d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR									
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]									
(35)	M42.POS7-PAR	RA: 05 34 27.8450 (83.6160208d) Dec: -05 16 26.00 (-5.27389d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR										
Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) M42.POS7	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit07 (07) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit07 (07)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(35) M42.POS7-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit07 (07) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit07 (07)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	



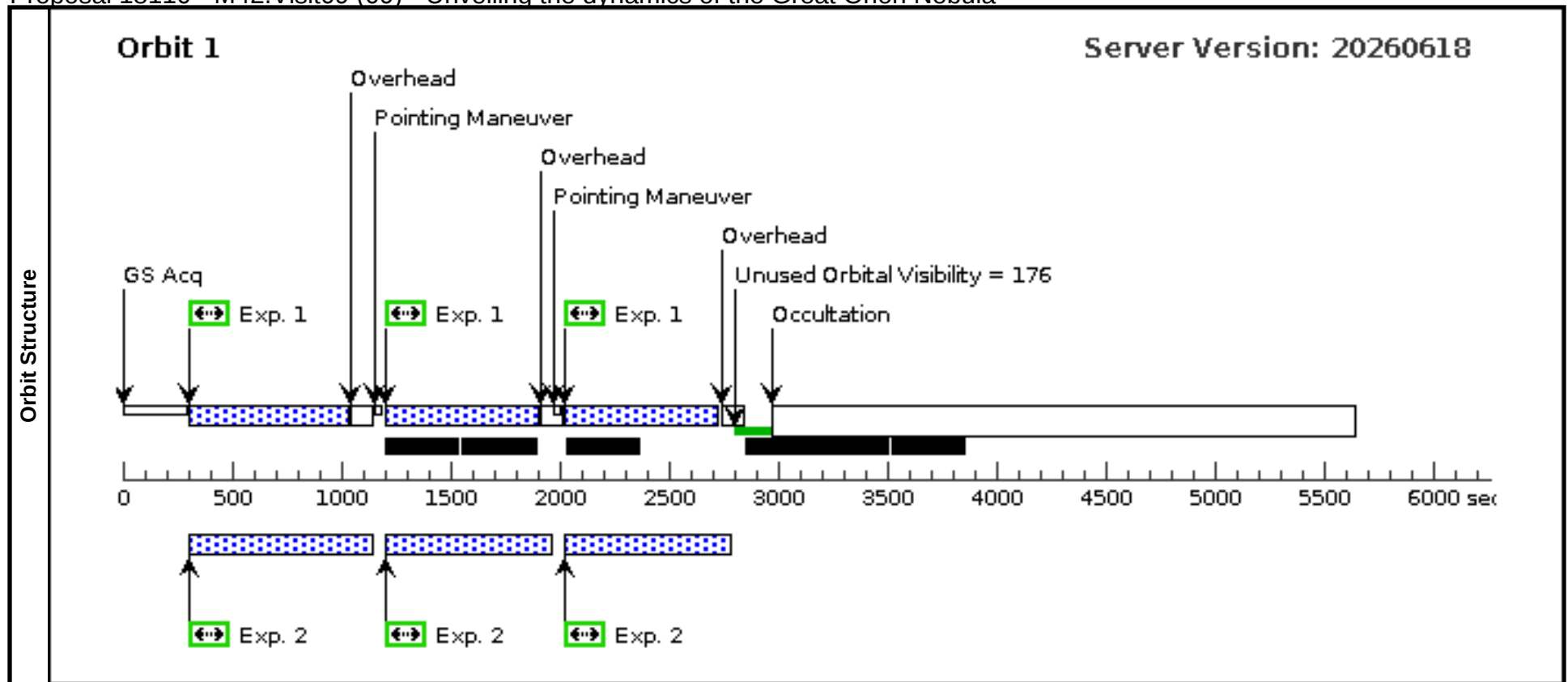
Proposal 18110 - M42.Visit08 (08) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit08 (08), implementation										Mon Jul 27 18:01:13 GMT 2026		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/UVIS, ACS/WFC												
	Special Requirements: ORIENT 307D TO 307 D												
Diagnostics	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit08 (08))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=					Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false					(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(8)	M42.POS8	RA: 05 35 31.8450 (83.8826875d) Dec: -05 18 46.00 (-5.31278d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR												
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]												
(36)	M42.POS8-PAR	RA: 05 35 31.8450 (83.8826875d) Dec: -05 18 46.00 (-5.31278d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR													
Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]													
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1		(8) M42.POS8	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit08 (08) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit08 (08)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]		
	2		(36) M42.POS8-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit08 (08) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit08 (08)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]			[1]	



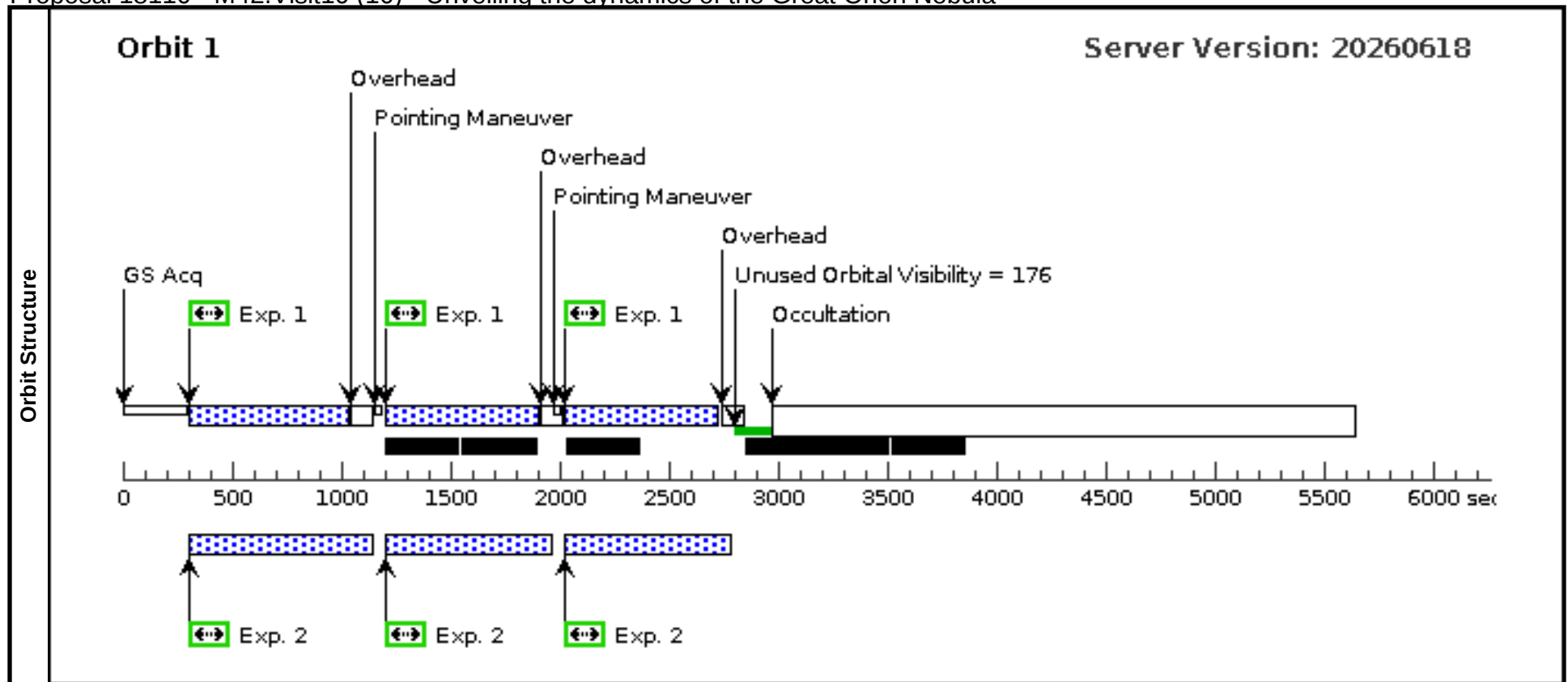
Proposal 18110 - M42.Visit09 (09) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit09 (09), implementation										Mon Jul 27 18:01:13 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 310D TO 310 D										
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit09 (09))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	M42.POS9	RA: 05 35 21.3450 (83.8389375d) Dec: -05 18 52.00 (-5.31444d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR										
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
(37)	M42.POS9-PAR	RA: 05 35 21.3450 (83.8389375d) Dec: -05 18 52.00 (-5.31444d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR											
Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(9) M42.POS9	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit09 (09) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit 09 (09)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(37) M42.POS9-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit09 (09) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit 09 (09)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		



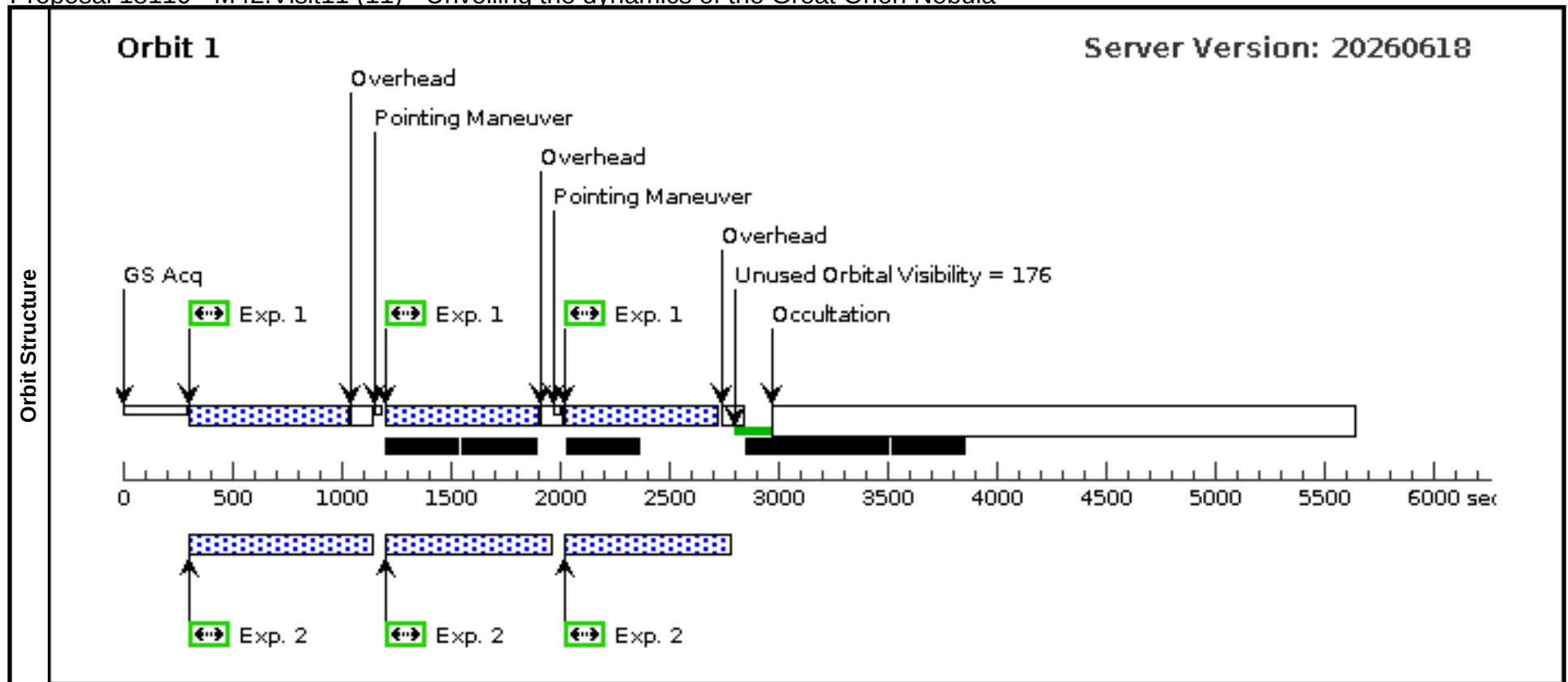
Proposal 18110 - M42.Visit10 (10) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit10 (10), implementation										Mon Jul 27 18:01:13 GMT 2026	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/UVIS, ACS/WFC											
	Special Requirements: ORIENT 312D TO 312 D											
Diagnostics	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit10 (10))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser											
Patterns	#	Primary Pattern					Secondary Pattern					Exposures
	(1)	Pattern Type=SPIRAL		Coordinate Frame=POS-TARG								(1-2)
		Purpose=DITHER		Pattern Orientation=113.88								
		Number Of Points=3		Angle Between Sides=								
		Point Spacing=39.3		Center Pattern=false								
		Line Spacing=										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(10)	M42.POS10	RA: 05 35 10.8450 (83.7951875d)		Proper Motion RA: 1.67 mas/yr		V=20+/-3		Reference Frame: ICRS			
			Dec: -05 18 58.00 (-5.31611d)		Proper Motion Dec: -0.30000010156072676 mas/yr							
			Equinox: J2000		Epoch of Position: 2000							
		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=EXT-STAR										
		Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
	(38)	M42.POS10-PAR	RA: 05 35 10.8450 (83.7951875d)		Proper Motion RA: 1.67 mas/yr		V=20+/-3		Reference Frame: ICRS			
			Dec: -05 18 58.00 (-5.31611d)		Proper Motion Dec: -0.30000010156072676 mas/yr							
		Equinox: J2000		Epoch of Position: 2000								
	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=EXT-STAR											
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(10) M42.POS10	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit10 (10) (1)	700 Secs (2100 Secs)			
								Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit10 (10)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
	2		(38) M42.POS10-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit10 (10) (1)	635 Secs (1905 Secs)			
								Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit10 (10)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		



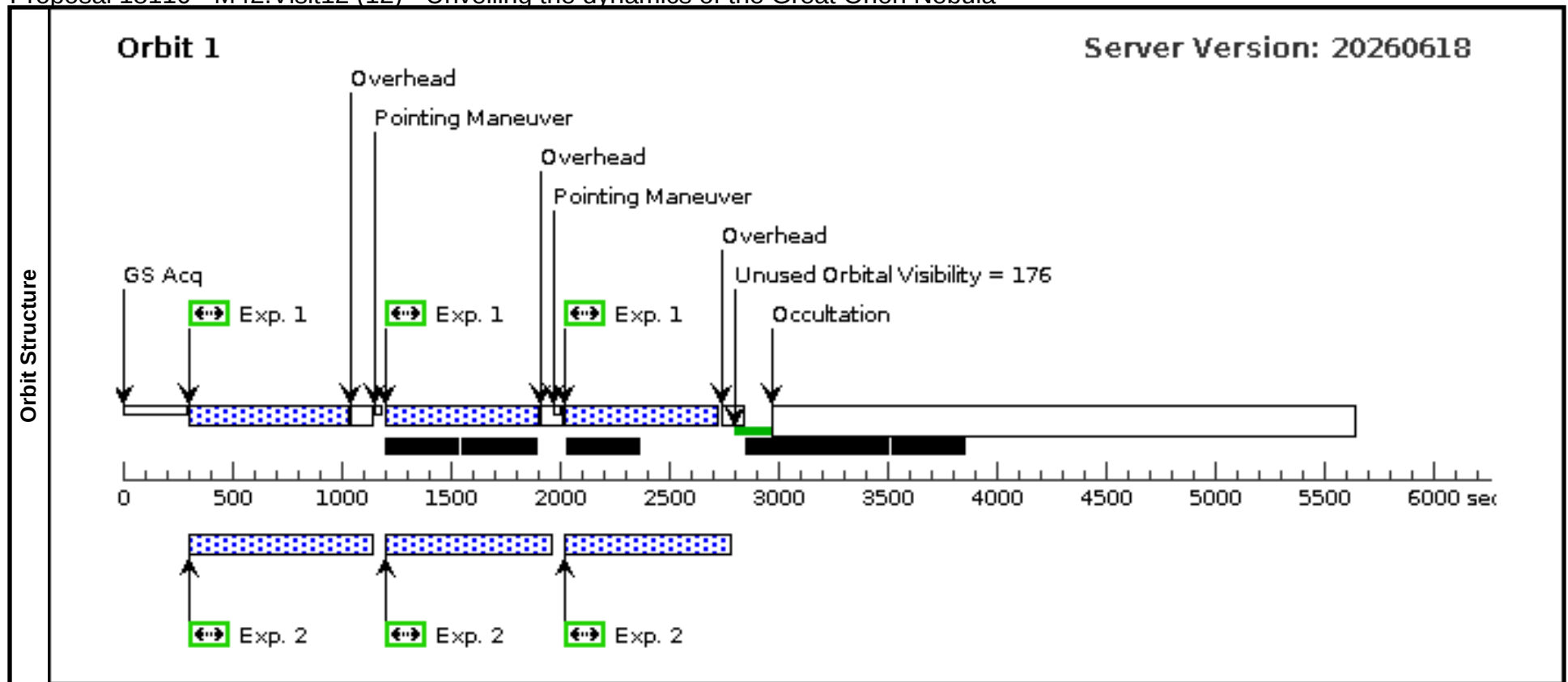
Proposal 18110 - M42.Visit11 (11) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit11 (11), implementation										Mon Jul 27 18:01:13 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 310D TO 310 D										
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit11 (11))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(11)	M42.POS11	RA: 05 35 0.3450 (83.7514375d) Dec: -05 19 4.00 (-5.31778d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR										
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
(39)	M42.POS11-PAR	RA: 05 35 0.3450 (83.7514375d) Dec: -05 19 4.00 (-5.31778d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR											
Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(11) M42.POS11	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit11 (11) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit11 (11)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(39) M42.POS11-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit11 (11) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit11 (11)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]



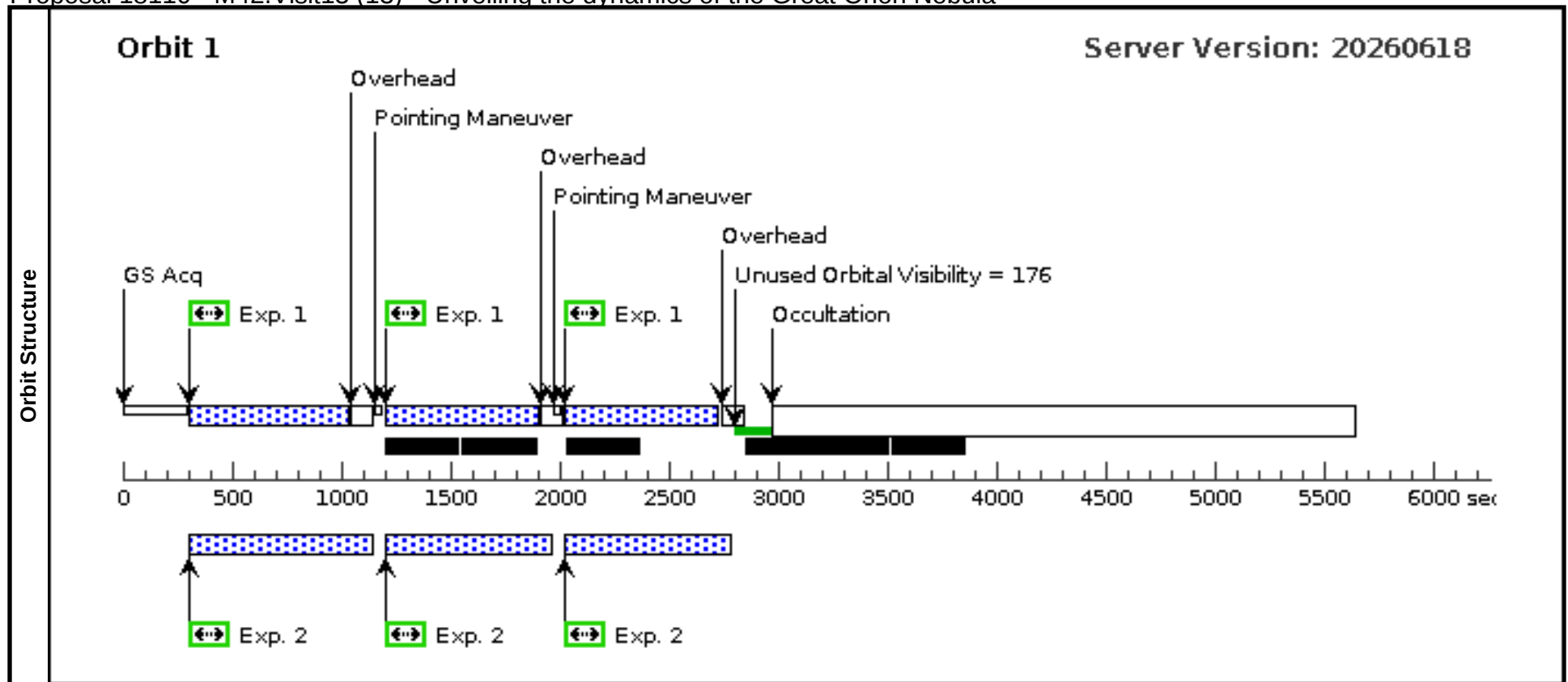
Proposal 18110 - M42.Visit12 (12) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit12 (12), implementation										Mon Jul 27 18:01:13 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 310D TO 310 D										
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit12 (12))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(12)	M42.POS12	RA: 05 34 49.8450 (83.7076875d) Dec: -05 19 10.00 (-5.31944d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR										
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
(40)	M42.POS12-PAR	RA: 05 34 49.8450 (83.7076875d) Dec: -05 19 10.00 (-5.31944d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR											
Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(12) M42.POS12	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit12 (12) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit12 (12)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(40) M42.POS12-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit12 (12) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit12 (12)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]



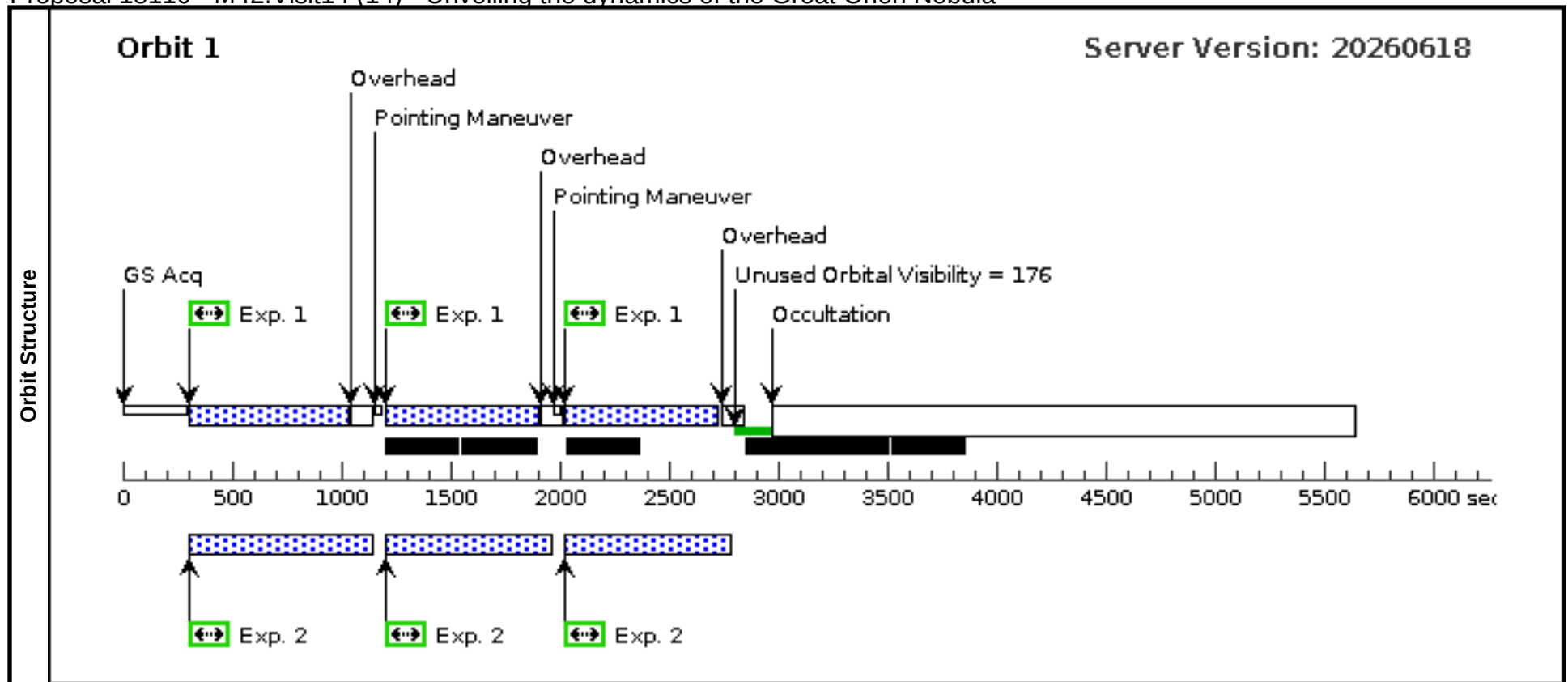
Proposal 18110 - M42.Visit13 (13) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit13 (13), implementation										Mon Jul 27 18:01:13 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 310D TO 310 D										
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit13 (13))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(13)	M42.POS13	RA: 05 34 39.3450 (83.6639375d) Dec: -05 19 16.00 (-5.32111d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR										
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
(41)	M42.POS13-PAR	RA: 05 34 39.3450 (83.6639375d) Dec: -05 19 16.00 (-5.32111d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR											
Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(13) M42.POS13	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit13 (13) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit13 (13)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(41) M42.POS13-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit13 (13) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit13 (13)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		



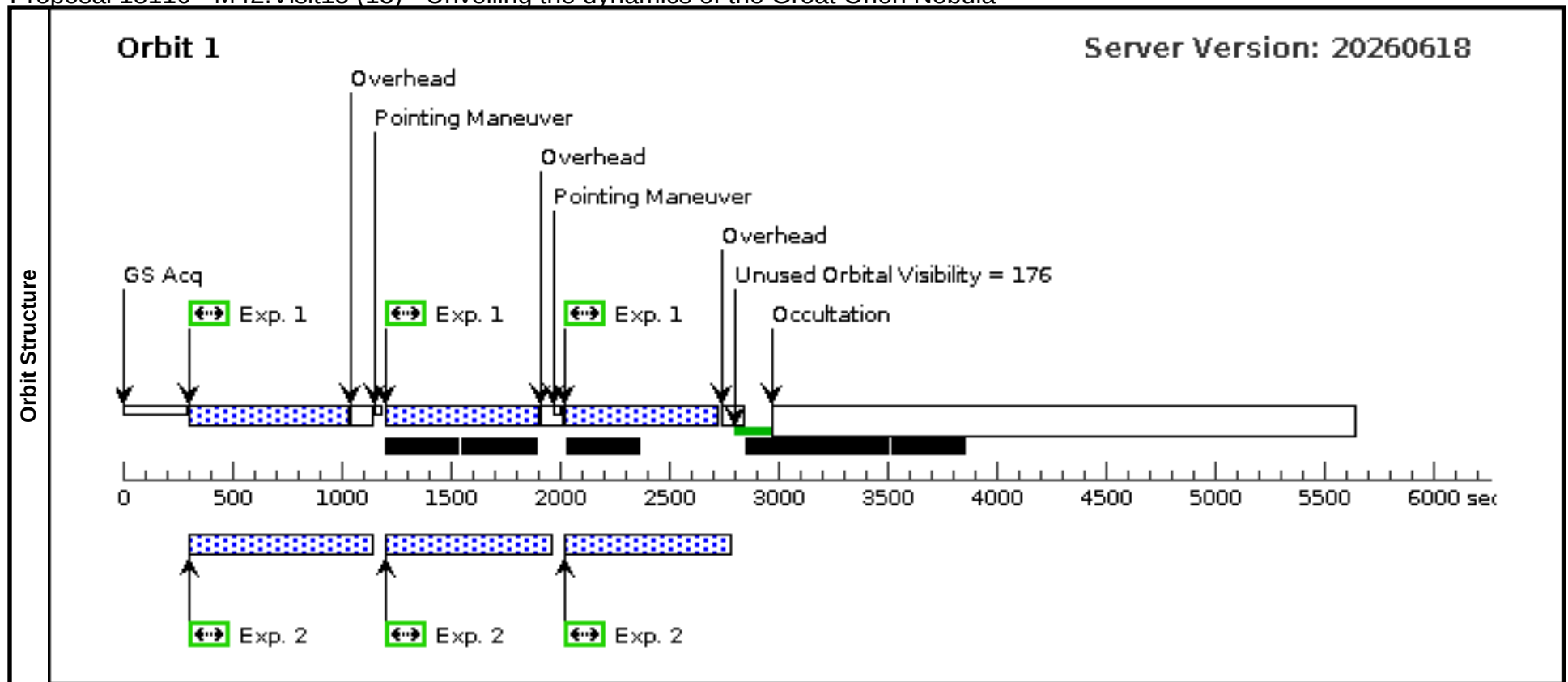
Proposal 18110 - M42.Visit14 (14) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit14 (14), implementation										Mon Jul 27 18:01:13 GMT 2026		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/UVIS, ACS/WFC												
	Special Requirements: ORIENT 309D TO 309 D												
Diagnostics	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit14 (14))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=					Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false					(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(14)	M42.POS14	RA: 05 34 28.8450 (83.6201875d) Dec: -05 19 22.00 (-5.32278d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR												
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]												
(42)	M42.POS14-PAR	RA: 05 34 28.8450 (83.6201875d) Dec: -05 19 22.00 (-5.32278d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR													
Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]													
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1		(14) M42.POS14	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit14 (14) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit 14 (14)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]		
	2		(42) M42.POS14-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit14 (14) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit 14 (14)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]			[1]	



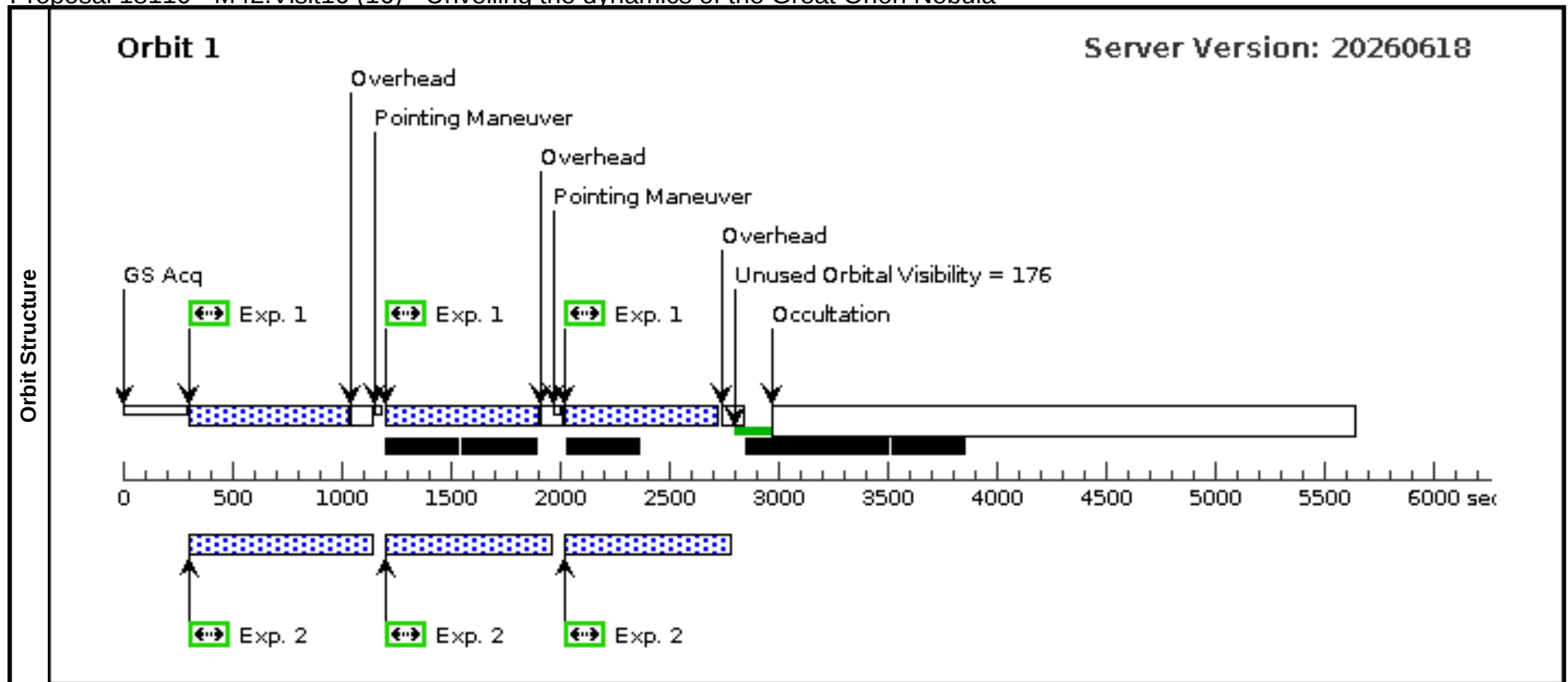
Proposal 18110 - M42.Visit15 (15) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit15 (15), implementation										Mon Jul 27 18:01:13 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 310D TO 310 D										
Diagnostics	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit15 (15))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(15)	M42.POS15	RA: 05 35 35.0000 (83.8958333d) Dec: -05 28 0.00 (-5.46667d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR										
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
(43)	M42.POS15-PAR	RA: 05 35 35.0000 (83.8958333d) Dec: -05 28 0.00 (-5.46667d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR											
Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(15) M42.POS15	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit15 (15) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit15 (15)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(43) M42.POS15-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit15 (15) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit15 (15)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]



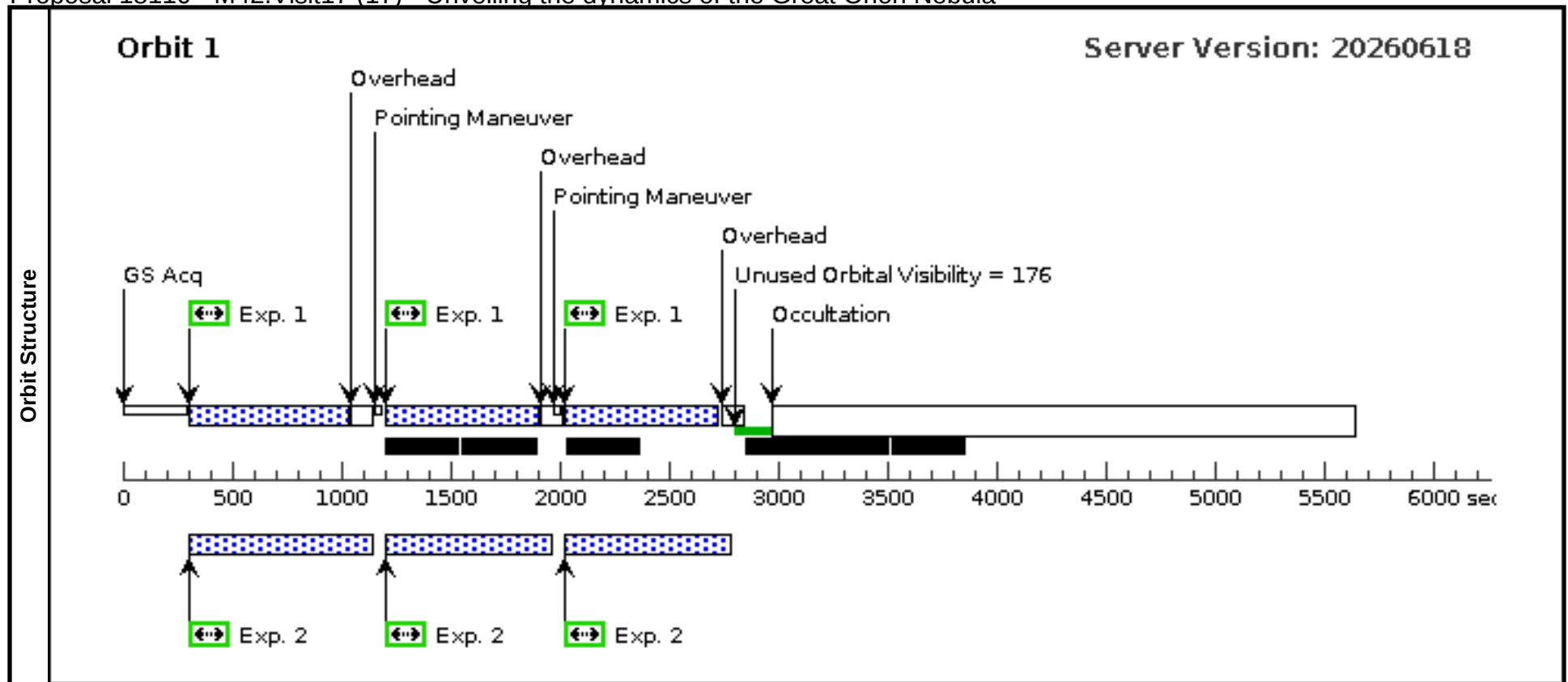
Proposal 18110 - M42.Visit16 (16) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit16 (16), implementation					Mon Jul 27 18:01:13 GMT 2026				
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: ORIENT 310D TO 310 D									
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit16 (16))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false			(1-2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(16)	M42.POS16	RA: 05 35 24.5000 (83.8520833d) Dec: -05 28 6.00 (-5.46833d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]									
	(44)	M42.POS16-PAR	RA: 05 35 24.5000 (83.8520833d) Dec: -05 28 6.00 (-5.46833d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(16) M42.POS16	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit16 (16) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit16 (16)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(44) M42.POS16-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit16 (16) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit16 (16)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]



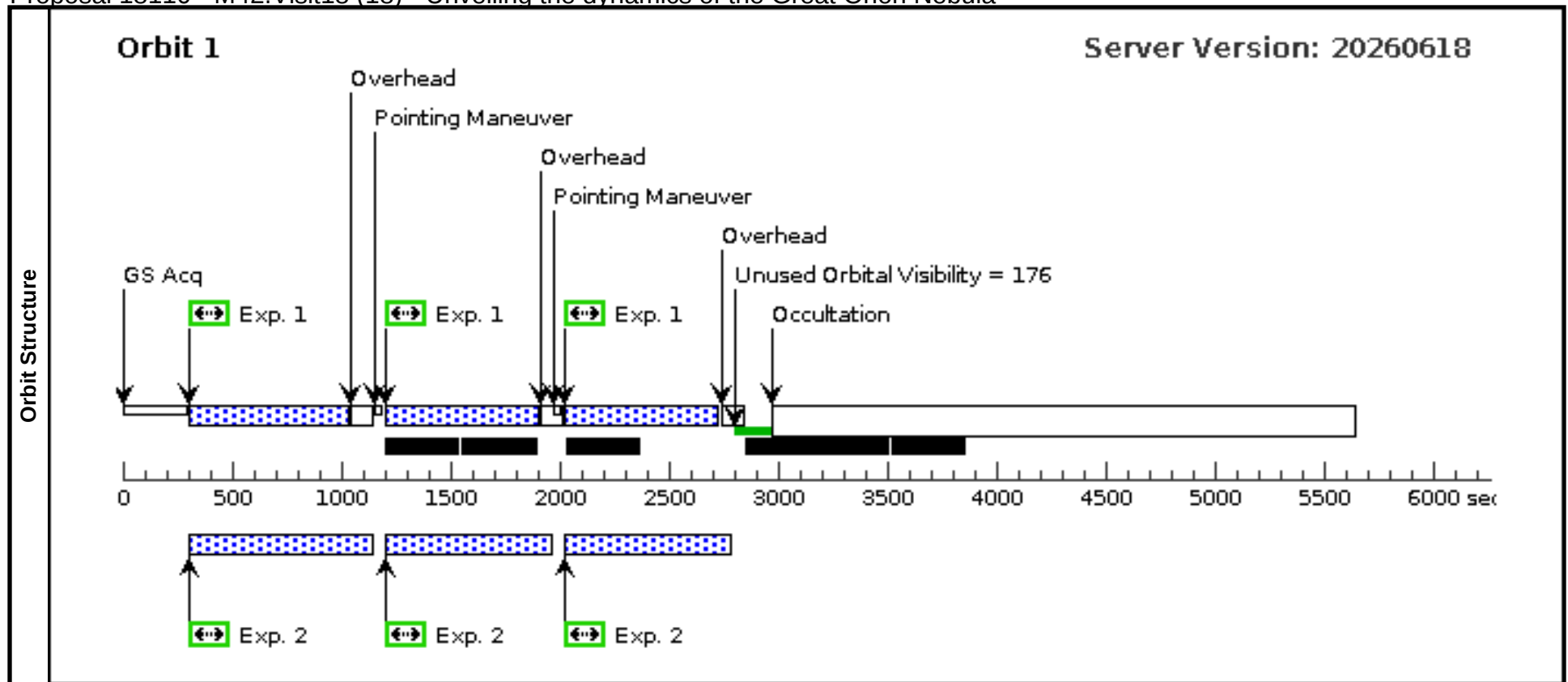
Proposal 18110 - M42.Visit17 (17) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit17 (17), implementation					Mon Jul 27 18:01:13 GMT 2026				
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: ORIENT 310D TO 310 D									
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit17 (17))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false			(1-2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(17)	M42.POS17	RA: 05 35 14.0000 (83.8083333d) Dec: -05 28 12.00 (-5.47000d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]									
	(45)	M42.POS17-PAR	RA: 05 35 14.0000 (83.8083333d) Dec: -05 28 12.00 (-5.47000d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(17) M42.POS17	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit17 (17) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit17 (17)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(45) M42.POS17-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit17 (17) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit17 (17)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]



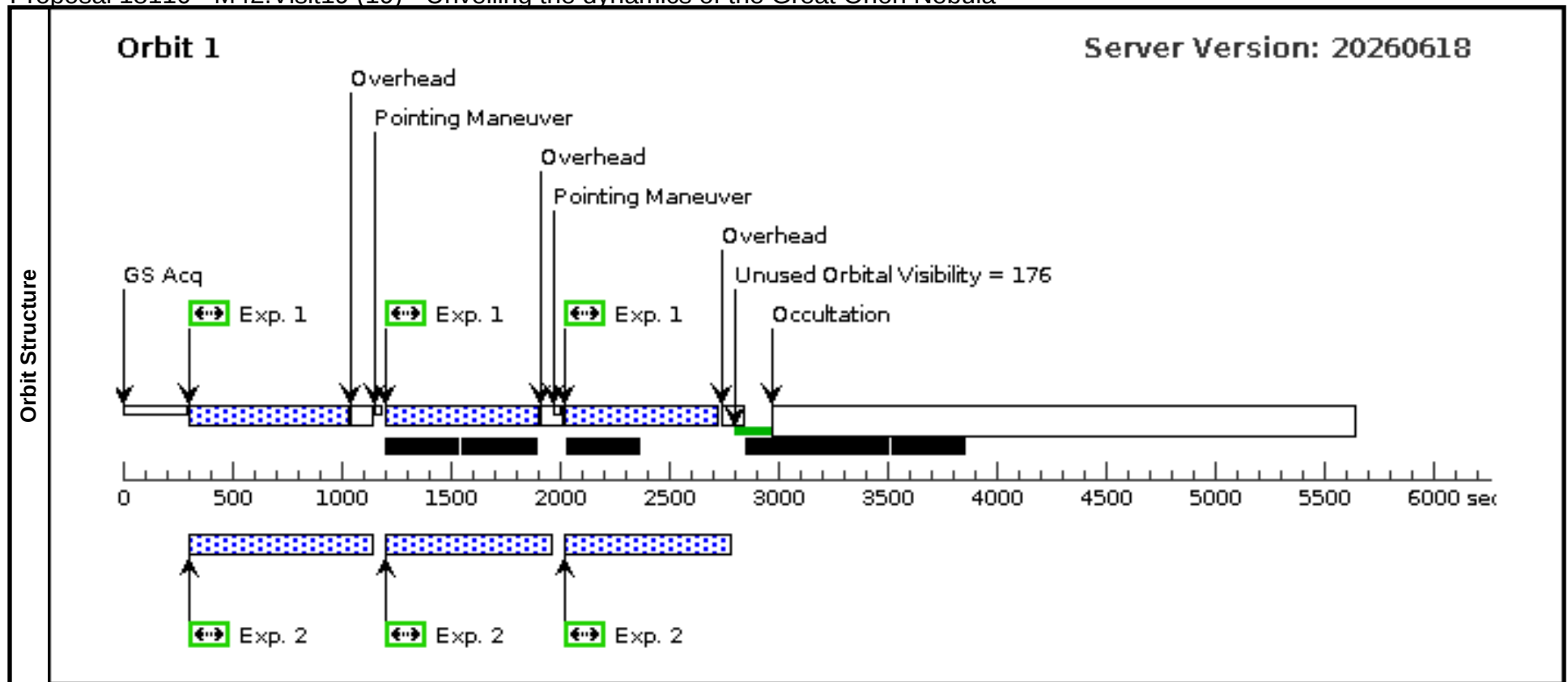
Proposal 18110 - M42.Visit18 (18) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit18 (18), implementation					Mon Jul 27 18:01:13 GMT 2026				
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: ORIENT 310D TO 310 D									
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit18 (18))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false			(1-2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(18)	M42.POS18	RA: 05 35 3.5000 (83.7645833d) Dec: -05 28 18.00 (-5.47167d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR									
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]									
(46)	M42.POS18-PAR	RA: 05 35 3.5000 (83.7645833d) Dec: -05 28 18.00 (-5.47167d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR										
Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(18) M42.POS18	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit18 (18) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit18 (18)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(46) M42.POS18-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit18 (18) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit18 (18)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]



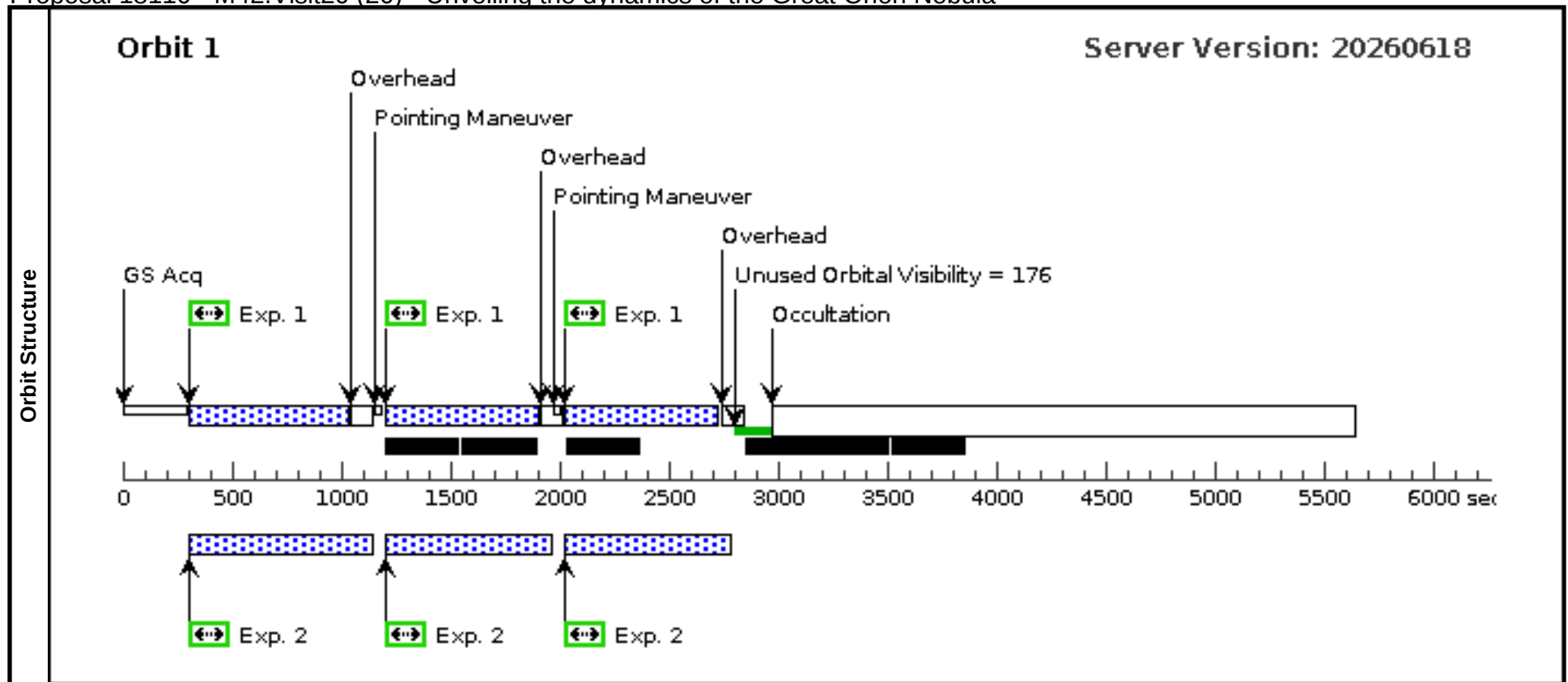
Proposal 18110 - M42.Visit19 (19) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit19 (19), implementation										Mon Jul 27 18:01:13 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 310D TO 310 D										
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit19 (19))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false						(1-2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(19)	M42.POS19	RA: 05 34 53.0000 (83.7208333d) Dec: -05 28 24.00 (-5.47333d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
	(47)	M42.POS19-PAR	RA: 05 34 53.0000 (83.7208333d) Dec: -05 28 24.00 (-5.47333d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(19) M42.POS19	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit19 (19) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit19 (19)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(47) M42.POS19-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit19 (19) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit19 (19)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]



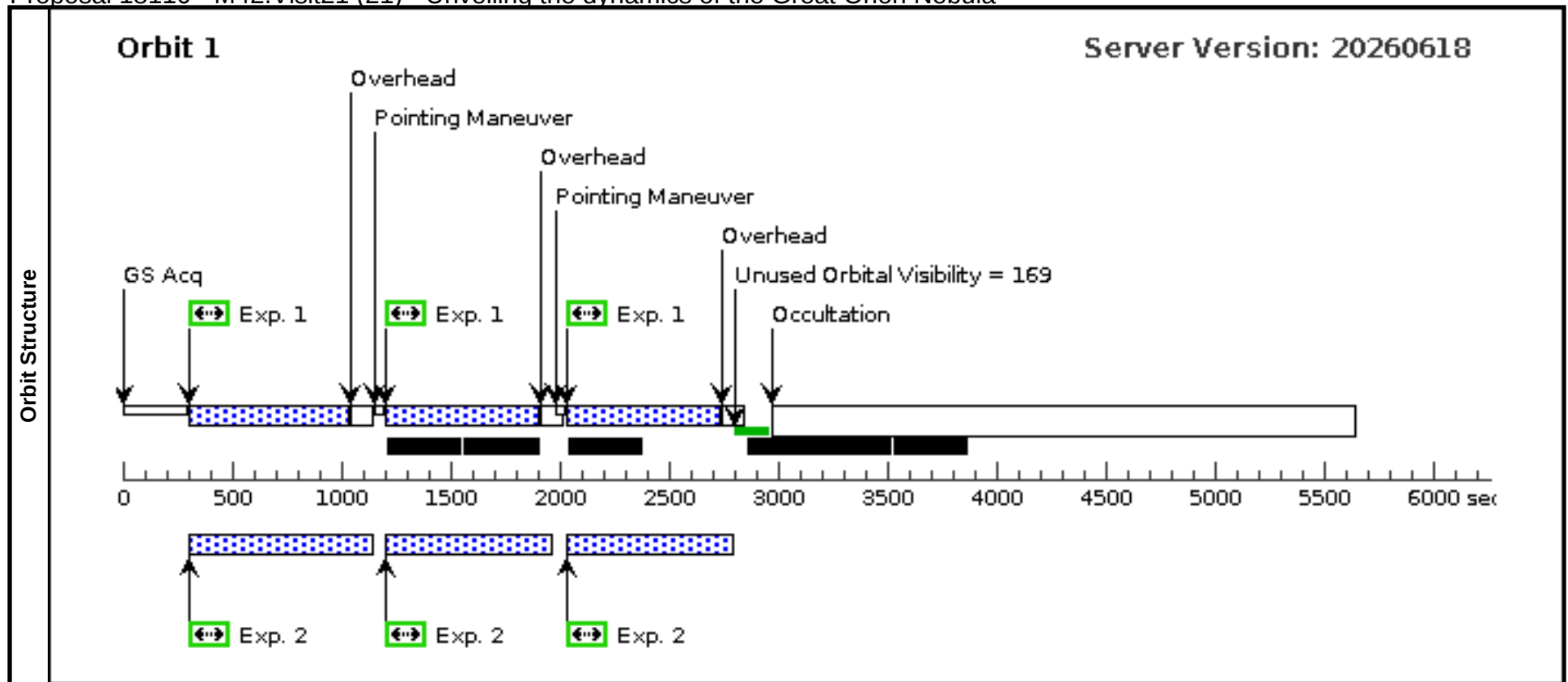
Proposal 18110 - M42.Visit20 (20) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit20 (20), implementation										Mon Jul 27 18:01:13 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 310D TO 310 D										
Diagnostics	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit20 (20))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=SPIRAL		Coordinate Frame=POS-TARG						(1-2)	
		Purpose=DITHER		Pattern Orientation=113.88							
		Number Of Points=3		Angle Between Sides=							
		Point Spacing=39.3		Center Pattern=false							
		Line Spacing=									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(20)	M42.POS20	RA: 05 34 42.5000 (83.6770833d)		Proper Motion RA: 1.67 mas/yr		V=20+/-3		Reference Frame: ICRS		
			Dec: -05 28 30.00 (-5.47500d)		Proper Motion Dec: -0.30000010156072676 mas/yr						
			Equinox: J2000		Epoch of Position: 2000						
		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=EXT-STAR									
		Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]									
	(48)	M42.POS20-PAR	RA: 05 34 42.5000 (83.6770833d)		Proper Motion RA: 1.67 mas/yr		V=20+/-3		Reference Frame: ICRS		
			Dec: -05 28 30.00 (-5.47500d)		Proper Motion Dec: -0.30000010156072676 mas/yr						
		Equinox: J2000		Epoch of Position: 2000							
	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=EXT-STAR										
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		(20) M42.POS20	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit20 (20) (1)	700 Secs (2100 Secs)		
								Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit20 (20)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(48) M42.POS20-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit20 (20) (1)	635 Secs (1905 Secs)		
								Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit20 (20)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	



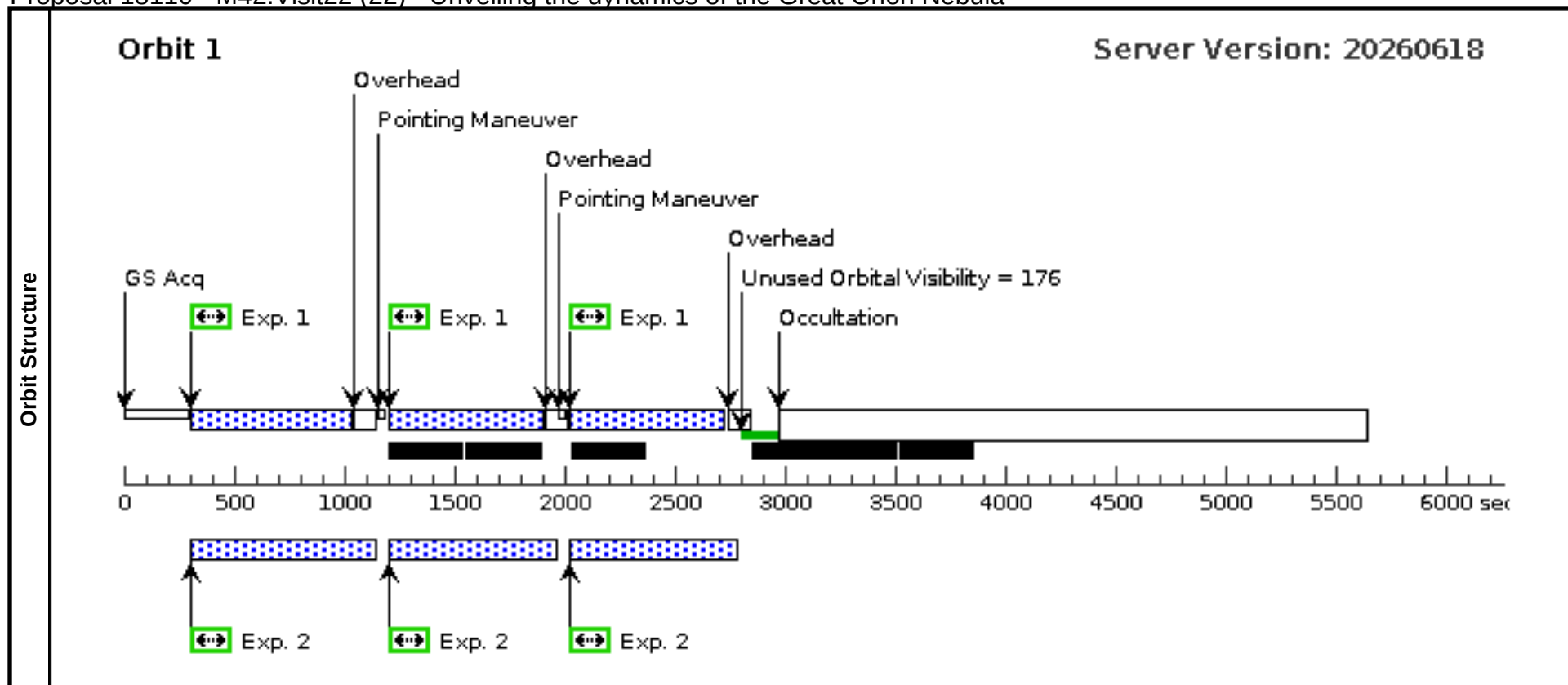
Proposal 18110 - M42.Visit21 (21) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit21 (21), implementation										Mon Jul 27 18:01:13 GMT 2026			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/UVIS, ACS/WFC													
	Special Requirements: ORIENT 320D TO 320 D													
Diagnostics	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 2, Exps 1-2 in M42.Visit21 (21))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(2)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=60 Line Spacing=					Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false					(1-2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous					
	(21)	M42.POS21	RA: 05 34 32.0000 (83.6333333d) Dec: -05 28 36.00 (-5.47667d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR													
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]													
(49)	M42.POS21-PAR	RA: 05 34 32.0000 (83.6333333d) Dec: -05 28 36.00 (-5.47667d) Equinox: J2000		Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000		V=20+/-3		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=EXT-STAR														
Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]														
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit			
	1		(21) M42.POS21	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 2, Exps 1-2 in M42.Visit21 (21) (2) Prime + Parallel Group 1-2 in Pattern 2, Exps 1-2 in M42.Visit21 (21)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]			
	2		(49) M42.POS21-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 2, Exps 1-2 in M42.Visit21 (21) (2) Prime + Parallel Group 1-2 in Pattern 2, Exps 1-2 in M42.Visit21 (21)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]			



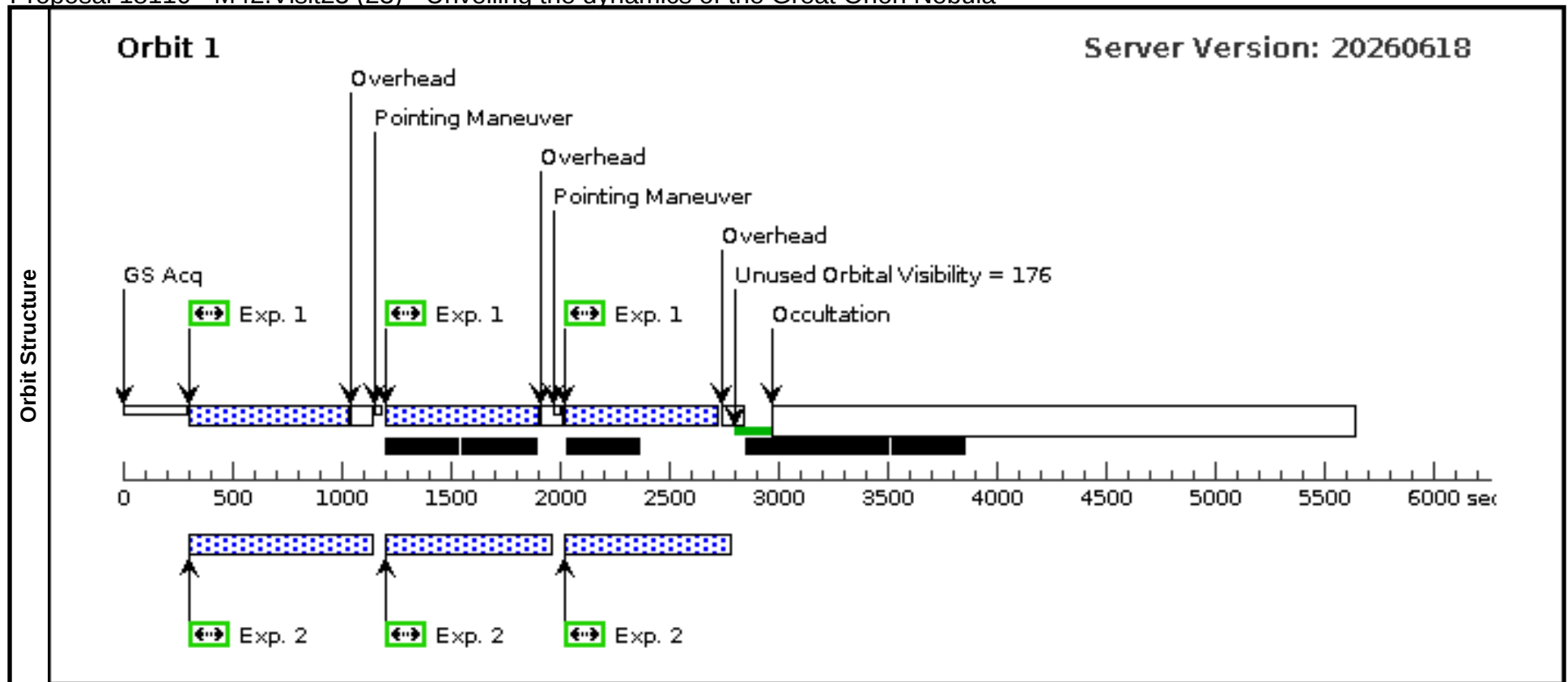
Proposal 18110 - M42.Visit22 (22) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit22 (22), implementation										Mon Jul 27 18:01:13 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 310D TO 310 D										
Diagnostics	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit22 (22))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=SPIRAL		Coordinate Frame=POS-TARG						(1-2)	
		Purpose=DITHER		Pattern Orientation=113.88							
		Number Of Points=3		Angle Between Sides=							
		Point Spacing=39.3		Center Pattern=false							
		Line Spacing=									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(22)	M42.POS22	RA: 05 35 36.8000 (83.9033333d)		Proper Motion RA: 1.67 mas/yr		V=20+/-3		Reference Frame: ICRS		
			Dec: -05 30 56.00 (-5.51556d)		Proper Motion Dec: -0.30000010156072676 mas/yr						
			Equinox: J2000		Epoch of Position: 2000						
		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=EXT-STAR									
		Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]									
	(50)	M42.POS22-PAR	RA: 05 35 36.8000 (83.9033333d)		Proper Motion RA: 1.67 mas/yr		V=20+/-3		Reference Frame: ICRS		
			Dec: -05 30 56.00 (-5.51556d)		Proper Motion Dec: -0.30000010156072676 mas/yr						
		Equinox: J2000		Epoch of Position: 2000							
	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=EXT-STAR										
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		(22) M42.POS22	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit22 (22) (1)	700 Secs (2100 Secs)		
								Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit22 (22)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(50) M42.POS22-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit22 (22) (1)	635 Secs (1905 Secs)		
								Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit22 (22)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	



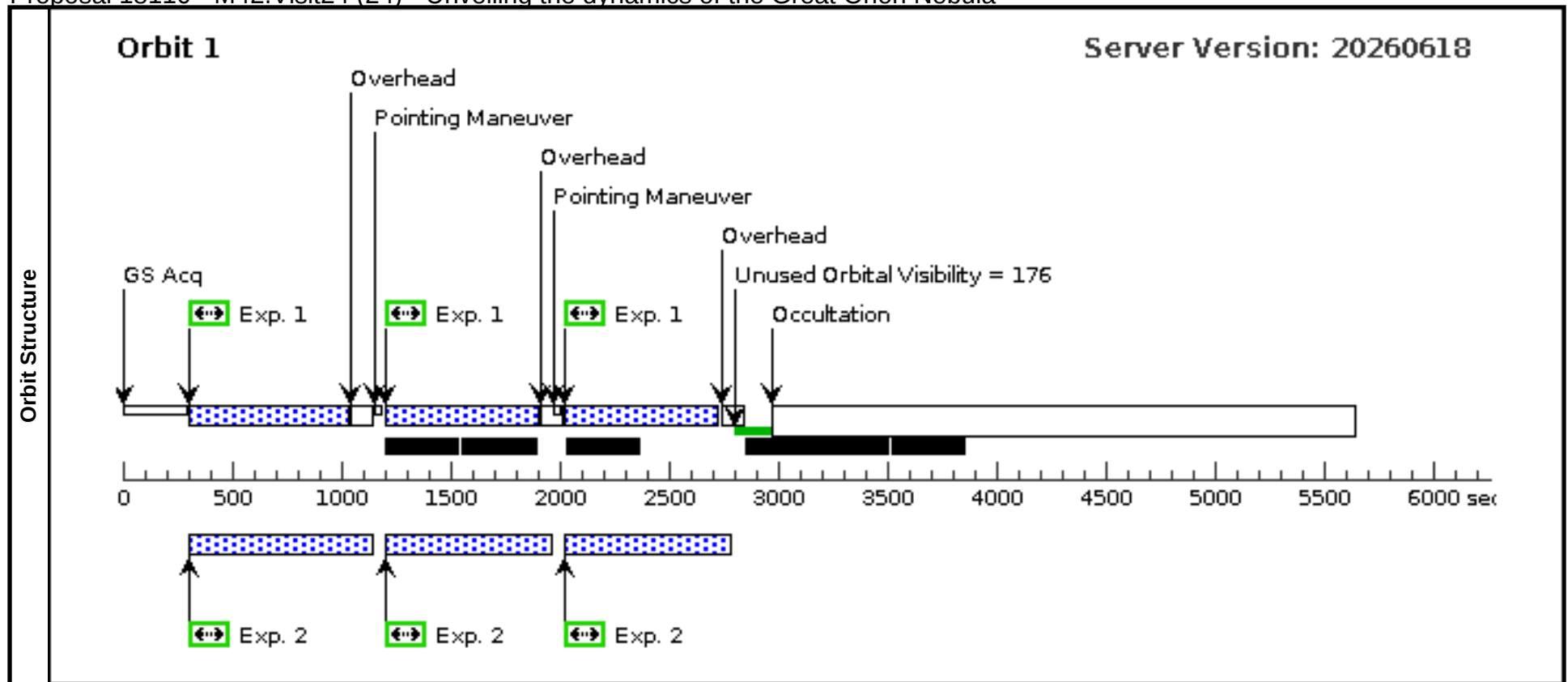
Proposal 18110 - M42.Visit23 (23) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit23 (23), implementation					Mon Jul 27 18:01:13 GMT 2026				
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: ORIENT 310D TO 310 D									
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit23 (23))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false			(1-2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(23)	M42.POS23	RA: 05 35 25.5000 (83.8562500d) Dec: -05 31 2.00 (-5.51722d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]									
	(51)	M42.POS23-PAR	RA: 05 35 25.5000 (83.8562500d) Dec: -05 31 2.00 (-5.51722d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(23) M42.POS23	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit23 (23) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit23 (23)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(51) M42.POS23-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit23 (23) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit23 (23)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]



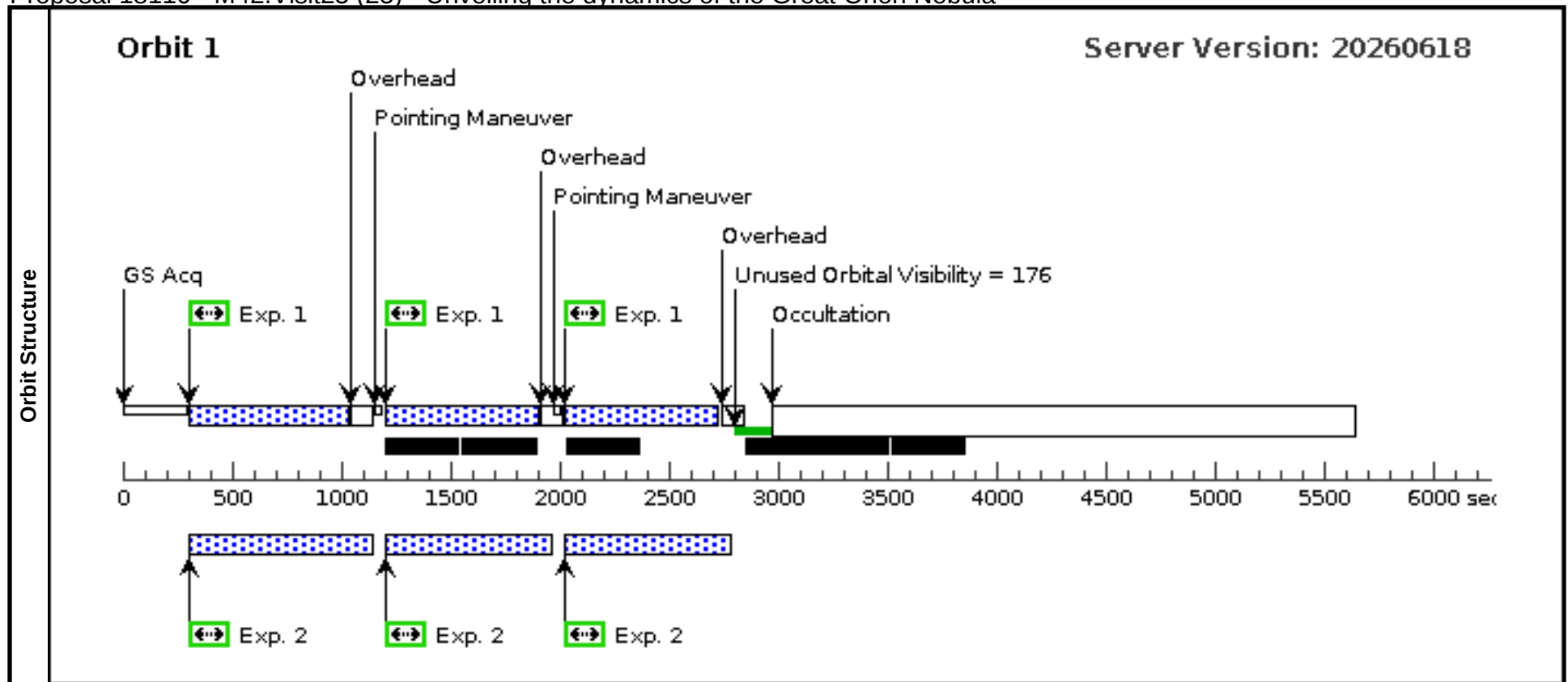
Proposal 18110 - M42.Visit24 (24) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit24 (24), implementation					Mon Jul 27 18:01:13 GMT 2026				
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: ORIENT 310D TO 310 D									
Diagnostics	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit24 (24))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false			(1-2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(24)	M42.POS24	RA: 05 35 15.0000 (83.8125000d) Dec: -05 31 8.00 (-5.51889d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]									
	(52)	M42.POS24-PAR	RA: 05 35 15.0000 (83.8125000d) Dec: -05 31 8.00 (-5.51889d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(24) M42.POS24	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit24 (24) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit24 (24)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(52) M42.POS24-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit24 (24) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit24 (24)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]



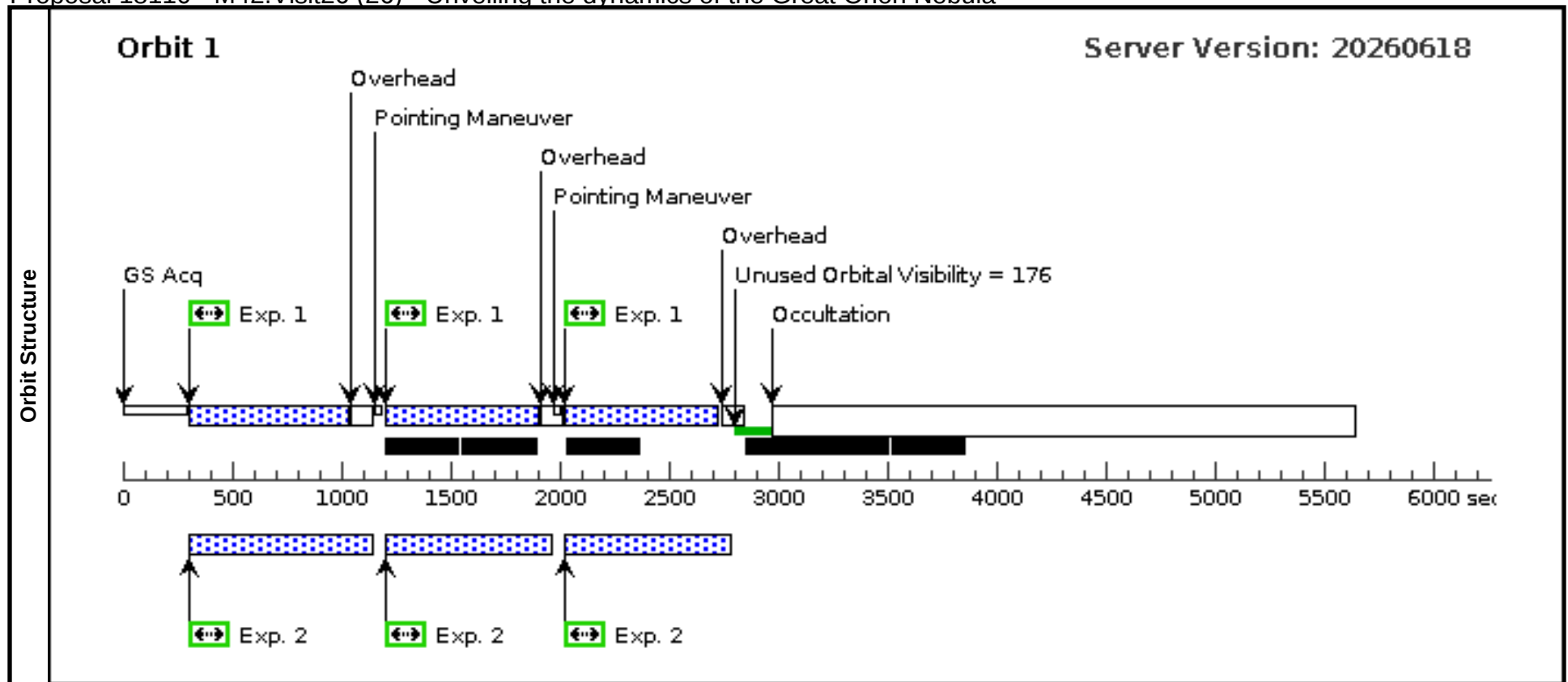
Proposal 18110 - M42.Visit25 (25) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit25 (25), implementation										Mon Jul 27 18:01:13 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: ORIENT 310D TO 310 D										
Diagnostics	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit25 (25))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=SPIRAL		Coordinate Frame=POS-TARG						(1-2)	
		Purpose=DITHER		Pattern Orientation=113.88							
		Number Of Points=3		Angle Between Sides=							
		Point Spacing=39.3		Center Pattern=false							
		Line Spacing=									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(25)	M42.POS25	RA: 05 35 4.5000 (83.7687500d)		Proper Motion RA: 1.67 mas/yr		V=20+/-3		Reference Frame: ICRS		
			Dec: -05 31 14.00 (-5.52056d)		Proper Motion Dec: -0.30000010156072676 mas/yr						
			Equinox: J2000		Epoch of Position: 2000						
		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=EXT-STAR									
		Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]									
	(53)	M42.POS25-PAR	RA: 05 35 4.5000 (83.7687500d)		Proper Motion RA: 1.67 mas/yr		V=20+/-3		Reference Frame: ICRS		
			Dec: -05 31 14.00 (-5.52056d)		Proper Motion Dec: -0.30000010156072676 mas/yr						
		Equinox: J2000		Epoch of Position: 2000							
	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=EXT-STAR										
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(25) M42.POS25	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit25 (25) (1)	700 Secs (2100 Secs)		[1]
								Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit25 (25)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		
2		(53) M42.POS25-PAR	ACS/WFC, ACCUM, WFC	F658N				Pattern 1, Exps 1-2 in M42.Visit25 (25) (1)	635 Secs (1905 Secs)		[1]
								Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit25 (25)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		



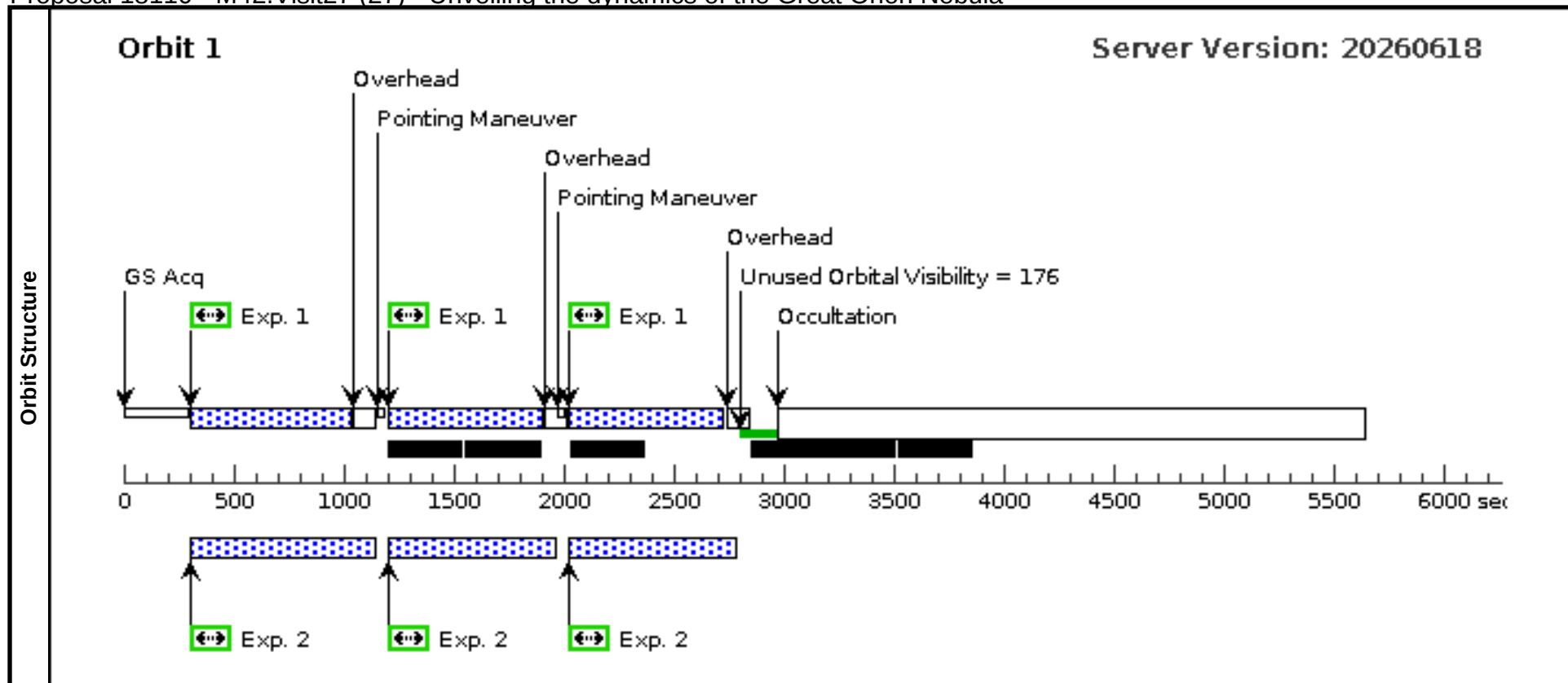
Proposal 18110 - M42.Visit26 (26) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit26 (26), implementation					Mon Jul 27 18:01:13 GMT 2026				
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: ORIENT 310D TO 310 D									
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit26 (26))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false			(1-2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(26)	M42.POS26	RA: 05 34 54.0000 (83.7250000d) Dec: -05 31 20.00 (-5.52222d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]									
	(54)	M42.POS26-PAR	RA: 05 34 54.0000 (83.7250000d) Dec: -05 31 20.00 (-5.52222d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(26) M42.POS26	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit26 (26) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit26 (26)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(54) M42.POS26-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit26 (26) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit26 (26)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]



Proposal 18110 - M42.Visit27 (27) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit27 (27), implementation					Mon Jul 27 18:01:13 GMT 2026				
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: ORIENT 310D TO 310 D									
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit27 (27))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false			(1-2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(27)	M42.POS27	RA: 05 34 43.5000 (83.6812500d) Dec: -05 31 26.00 (-5.52389d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]									
	(55)	M42.POS27-PAR	RA: 05 34 43.5000 (83.6812500d) Dec: -05 31 26.00 (-5.52389d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(27) M42.POS27	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit27 (27) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit27 (27)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(55) M42.POS27-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit27 (27) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit27 (27)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]



Proposal 18110 - M42.Visit28 (28) - Unveiling the dynamics of the Great Orion Nebula

Visit	Proposal 18110, M42.Visit28 (28), implementation					Mon Jul 27 18:01:13 GMT 2026				
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: ORIENT 310D TO 310 D									
Diagnos	(Primary Exposure 1 (Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit28 (28))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=SPIRAL Purpose=DITHER Number Of Points=3 Point Spacing=39.3 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=113.88 Angle Between Sides= Center Pattern=false			(1-2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(28)	M42.POS28	RA: 05 34 33.0000 (83.6375000d) Dec: -05 31 32.00 (-5.52556d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR									
	Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]									
(56)	M42.POS28-PAR	RA: 05 34 33.0000 (83.6375000d) Dec: -05 31 32.00 (-5.52556d) Equinox: J2000	Proper Motion RA: 1.67 mas/yr Proper Motion Dec: -0.30000010156072676 mas/yr Epoch of Position: 2000	V=20+/-3	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=EXT-STAR										
Description=[IONIZATION FRONT, PRE-MAIN SEQUENCE STAR, PROTOPLANETARY DISK, SHOCK FRONT, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(28) M42.POS28	WFC3/UVIS, ACCUM, UVIS-CENTER	F656N			Pattern 1, Exps 1-2 in M42.Visit28 (28) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit28 (28)	700 Secs (2100 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(56) M42.POS28-PAR	ACS/WFC, ACCUM, WFC	F658N			Pattern 1, Exps 1-2 in M42.Visit28 (28) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in M42.Visit28 (28)	635 Secs (1905 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]

