



16651 - A Search for Accreting Protoplanets within Transition Disk Gaps

Cycle: 29, 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>
A1	(1) RX-J1604.3-2130	WFC3/UVIS	1	25-Oct-2022 14:00:14.0	yes
A2	(1) RX-J1604.3-2130	WFC3/UVIS	1	25-Oct-2022 14:00:16.0	yes
Z2	(1) RX-J1604.3-2130	WFC3/UVIS	1	25-Oct-2022 14:00:17.0	yes
A3	(1) RX-J1604.3-2130	WFC3/UVIS	1	25-Oct-2022 14:00:18.0	yes
B1	(2) V-V721-CRA	WFC3/UVIS	1	25-Oct-2022 14:00:19.0	yes
ZB	(2) V-V721-CRA	WFC3/UVIS	1	25-Oct-2022 14:00:20.0	yes

Proposal 16651 (STScI Edit Number: 9, Created: Tuesday, October 25, 2022 at 1:01:05 PM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
B2	(2) V-V721-CRA	WFC3/UVIS	1	25-Oct-2022 14:00:21.0	yes
B3	(2) V-V721-CRA	WFC3/UVIS	1	25-Oct-2022 14:00:21.0	yes
C1	(3) WRAY-15-1880	WFC3/UVIS	1	25-Oct-2022 14:00:23.0	yes
C2	(3) WRAY-15-1880	WFC3/UVIS	1	25-Oct-2022 14:00:25.0	yes
C3	(3) WRAY-15-1880	WFC3/UVIS	1	25-Oct-2022 14:00:26.0	yes
D1	(4) 2MASS-J18521730-3700119	WFC3/UVIS	1	25-Oct-2022 14:00:28.0	yes
D2	(4) 2MASS-J18521730-3700119	WFC3/UVIS	1	25-Oct-2022 14:00:29.0	yes
D3	(4) 2MASS-J18521730-3700119	WFC3/UVIS	1	25-Oct-2022 14:00:31.0	yes
E1	(5) V-DM-TAU	WFC3/UVIS	1	25-Oct-2022 14:00:32.0	yes
E2	(5) V-DM-TAU	WFC3/UVIS	1	25-Oct-2022 14:00:33.0	yes
E3	(5) V-DM-TAU	WFC3/UVIS	1	25-Oct-2022 14:00:33.0	yes
F1	(6) THA-15-20	WFC3/UVIS	1	25-Oct-2022 14:00:34.0	yes
F2	(6) THA-15-20	WFC3/UVIS	1	25-Oct-2022 14:00:35.0	yes
F3	(6) THA-15-20	WFC3/UVIS	1	25-Oct-2022 14:00:36.0	yes
G1	(7) EM-LKCA-15	WFC3/UVIS	1	25-Oct-2022 14:00:37.0	yes
G2	(7) EM-LKCA-15	WFC3/UVIS	1	25-Oct-2022 14:00:38.0	yes
G3	(7) EM-LKCA-15	WFC3/UVIS	1	25-Oct-2022 14:00:39.0	yes
H1	(11) V-AA-TAU	WFC3/UVIS	1	25-Oct-2022 14:00:40.0	yes
H2	(11) V-AA-TAU	WFC3/UVIS	1	25-Oct-2022 14:00:41.0	yes
H3	(11) V-AA-TAU	WFC3/UVIS	1	25-Oct-2022 14:00:42.0	yes
I1	(9) V-GM-AUR	WFC3/UVIS	1	25-Oct-2022 14:00:43.0	yes
I2	(9) V-GM-AUR	WFC3/UVIS	1	25-Oct-2022 14:00:44.0	yes
I3	(9) V-GM-AUR	WFC3/UVIS	1	25-Oct-2022 14:00:46.0	yes
J1	(10) V-AB-AUR	WFC3/UVIS	1	25-Oct-2022 14:00:49.0	yes
Z1	(10) V-AB-AUR	WFC3/UVIS	1	25-Oct-2022 14:00:52.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
J2	(10) V-AB-AUR	WFC3/UVIS	1	25-Oct-2022 14:00:57.0	yes
J3	(10) V-AB-AUR	WFC3/UVIS	1	25-Oct-2022 14:01:00.0	yes
Z3	(10) V-AB-AUR	WFC3/UVIS	1	25-Oct-2022 14:01:04.0	yes

34 Total Orbits Used

ABSTRACT

Actively accreting protoplanets offer a direct view of a critical phase of planet formation and help set the initial state of planets' entropy and luminosity evolution. However, discoveries of these planets are extremely rare, with the young PDS 70 transition disk system being the only example. Recent HST observations of the few-Jupiter mass planet PDS 70 b demonstrate the WFC3/UVIS instrument's excellent performance in directly detecting the H-alpha emission from the protoplanet. This new development enables a promising strategy to search for accreting protoplanet: high-contrast imaging observations of faint stars that host gapped transitional disks. These stars are not accessible to ground-based adaptive optics.

We select ten stars that are most likely to yield planet detections and propose HST/WFC3/UVIS direct imaging observations in the F656N filter. These observations will form a high-quality point spread function library that facilitates precision primary subtraction. The processed images will be sensitive to accreting sub-Jovian-mass planets in the transitional disk gaps, and therefore, have the potential to significantly increase the number of protoplanet discoveries.

OBSERVING DESCRIPTION

The primary goal of our observations is to use the direct-imaging technique to search for accreting gas giant planets. We will observe each target using WFC3/UVIS with the F656N filter for three consecutive orbits. The F656N filter will capture the H-alpha emission from the accreting planets. For all observations, we will use the UVIS2-C512C-SUB subarray to reduce readout time and improve observing efficiency. The images will be taken using a box dithering pattern with a dithering distance of 0.02 arcsec (0.5 pixels) on both sides. This will allow reconstructing Nyquist-sampled images, which are necessary for the post-processing of high-contrast images. At each dithering position, several copies of exposures will be taken.

The exact exposure time and iteration numbers are determined based on each target's brightness to:

- * Maximize the point spread function signal to noise ratios;
- * Avoid saturation;
- * Maximize the usage of orbital visibility.

Every visit contains one orbit. Observations of the same target are linked by timing requirements to form a visit-set, which will be executed continuously. To facilitate two-roll angular differential imaging, the second visit in a visit-set will have a 25 to 35 degrees difference in telescope orientation compared to those of the first and third visits. The first and third visits will have the same orientation.

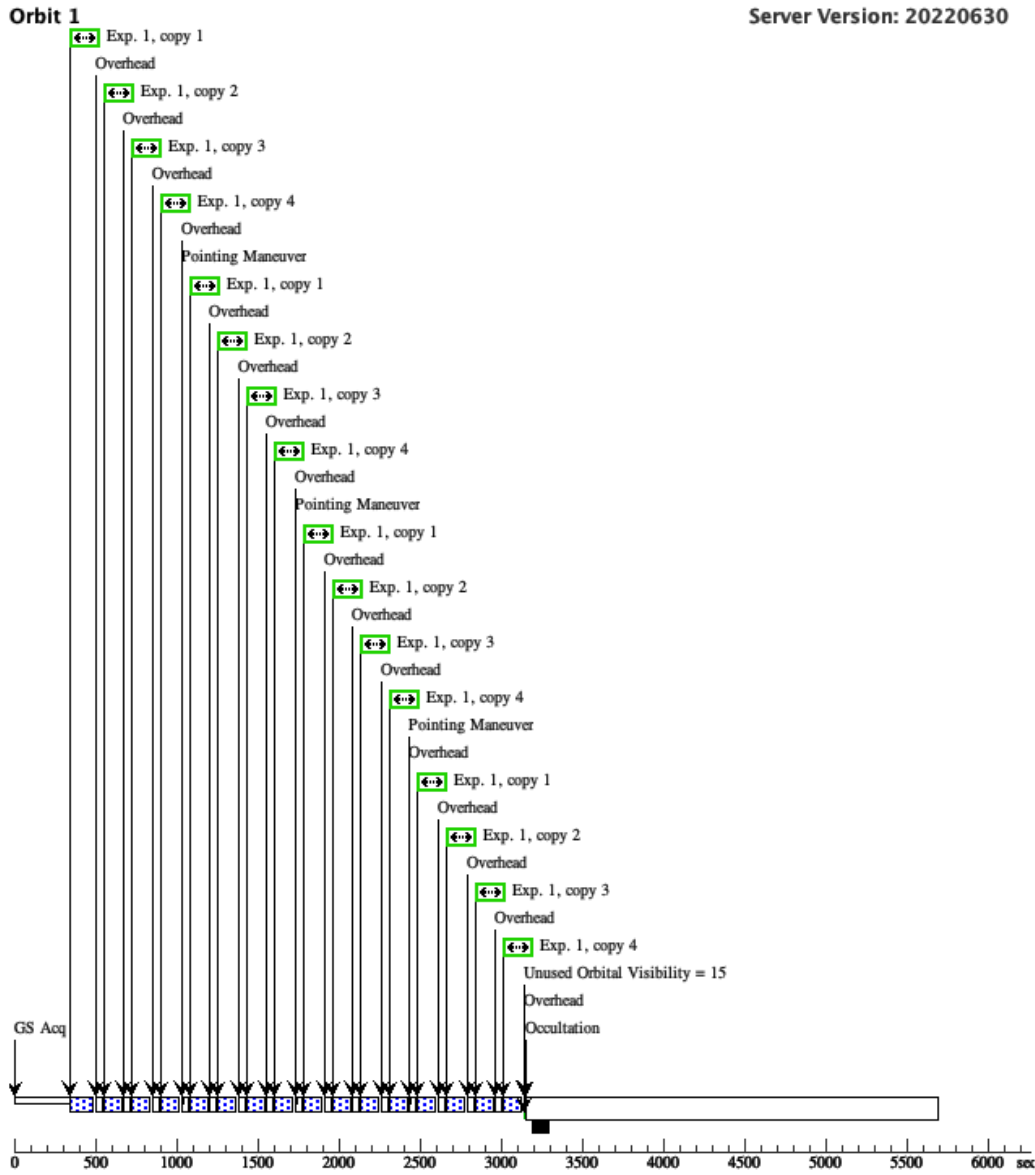
Based on suggestions from STScI and the contact scientist, we switch on the FLASH and set the level to 20 for most of our targets to mitigate the CTE loss, which has been aggravated in the past cycles. Only for the brightest star AB Aur, we reduce the FLASH level to 12. For this target, the stellar PSF should contribute sufficient background levels in our regions of interest.

Proposal 16651 - J1604 (A1) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:05 GMT 2022

Visit	Proposal 16651, J1604 (A1), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RX-J1604.3-2130	RA: 16 04 21.6600 (241.0902500d) Dec: -21 30 28.40 (-21.50789d) Equinox: J2000	Epoch of Position: 2015.5	V=(?) 11.8 (R band)	Reference Frame: SIMBAD				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 0)	(1) RX-J1604.3-2130	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in J1604 (A1) (1)	111 Secs X 4 (1776 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[1]

Orbit Structure



Proposal 16651 - J1604 (A2) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:06 GMT 2022

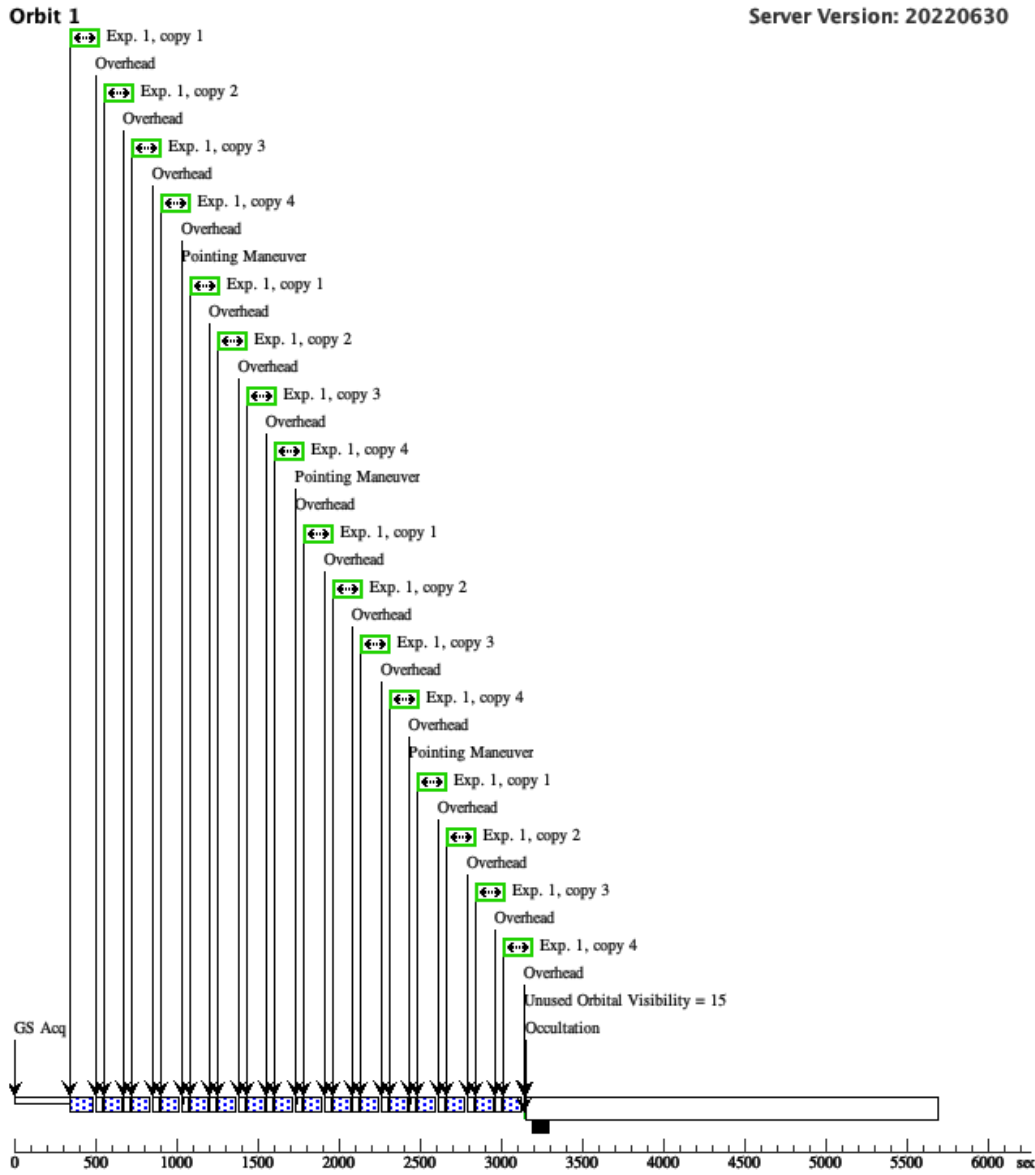
Visit	Proposal 16651, J1604 (A2), failed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; ORIENT 25D TO 35D FROM A1; AFTER A1 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false		(1)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RX-J1604.3-2130	RA: 16 04 21.6600 (241.0902500d) Dec: -21 30 28.40 (-21.50789d) Equinox: J2000	Epoch of Position: 2015.5	V=(?) 11.8 (R band)	Reference Frame: SIMBAD				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 0)	(1) RX-J1604.3-2130	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in J1604 (A2) (1)	111 Secs X 4 (1776 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[1]

Proposal 16651 - J1604 (Z2) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:06 GMT 2022

Visit	Proposal 16651, J1604 (Z2), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; ORIENT 0D TO 261.7 D; ORIENT 291.7D TO 359.9 D <i>Comments: This is a HOPR repeat of failed visit A2</i>									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	RX-J1604.3-2130	RA: 16 04 21.6600 (241.0902500d) Dec: -21 30 28.40 (-21.50789d) Equinox: J2000	Epoch of Position: 2015.5		V=(?) 11.8 (R band)	Reference Frame: SIMBAD			
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 0)	(1) RX-J1604.3-2130	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in J1604 (Z2) (1)	111 Secs X 4 (1776 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[1]

Orbit Structure

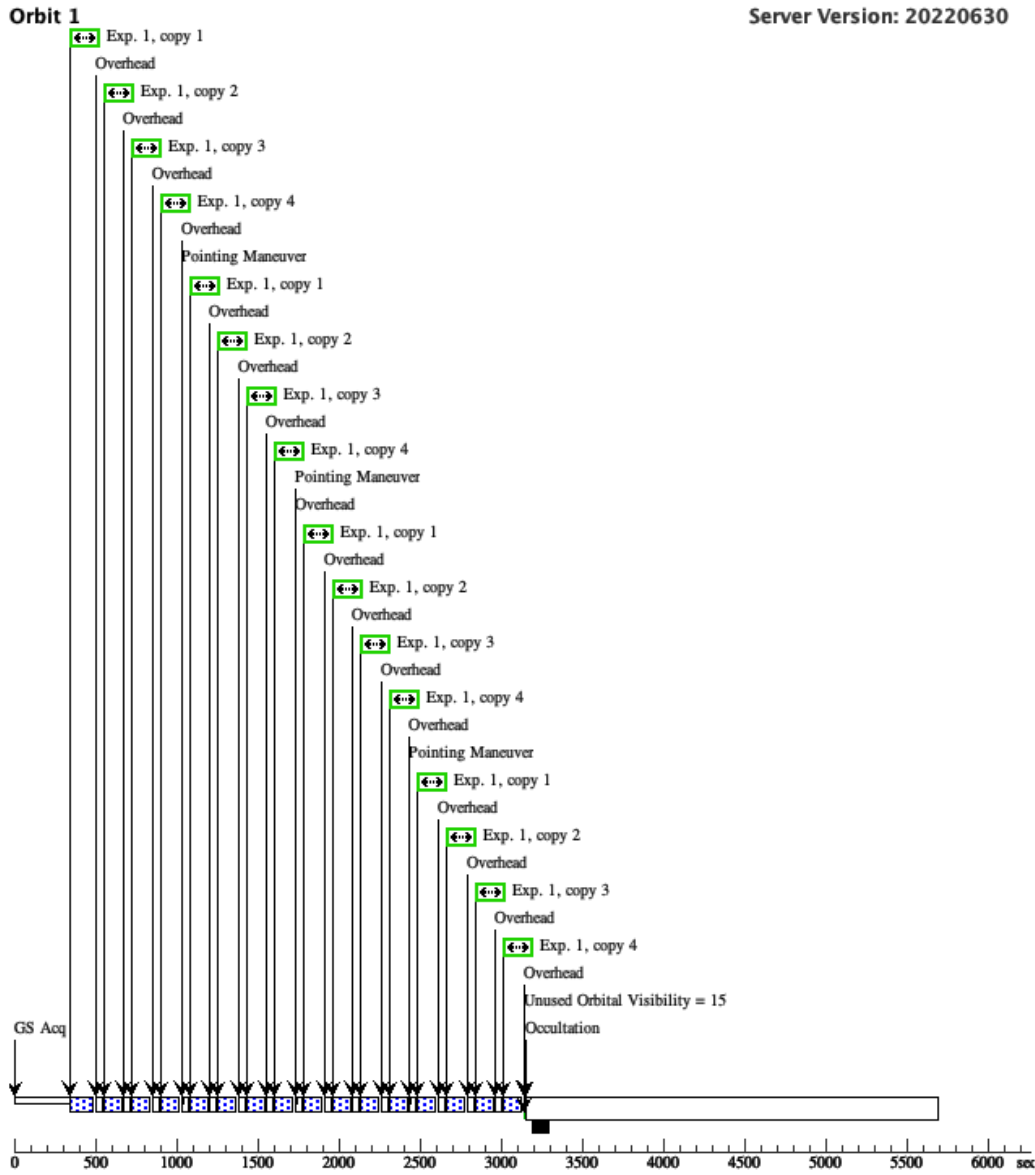


Proposal 16651 - J1604 (A3) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:06 GMT 2022

Visit	Proposal 16651, J1604 (A3), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SAME ORIENT AS A1; AFTER A2 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false		(1)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RX-J1604.3-2130	RA: 16 04 21.6600 (241.0902500d) Dec: -21 30 28.40 (-21.50789d) Equinox: J2000	Epoch of Position: 2015.5	V=(?) 11.8 (R band)	Reference Frame: SIMBAD				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 0)	(1) RX-J1604.3-2130	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in J1604 (A3) (1)	111 Secs X 4 (1776 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[1]

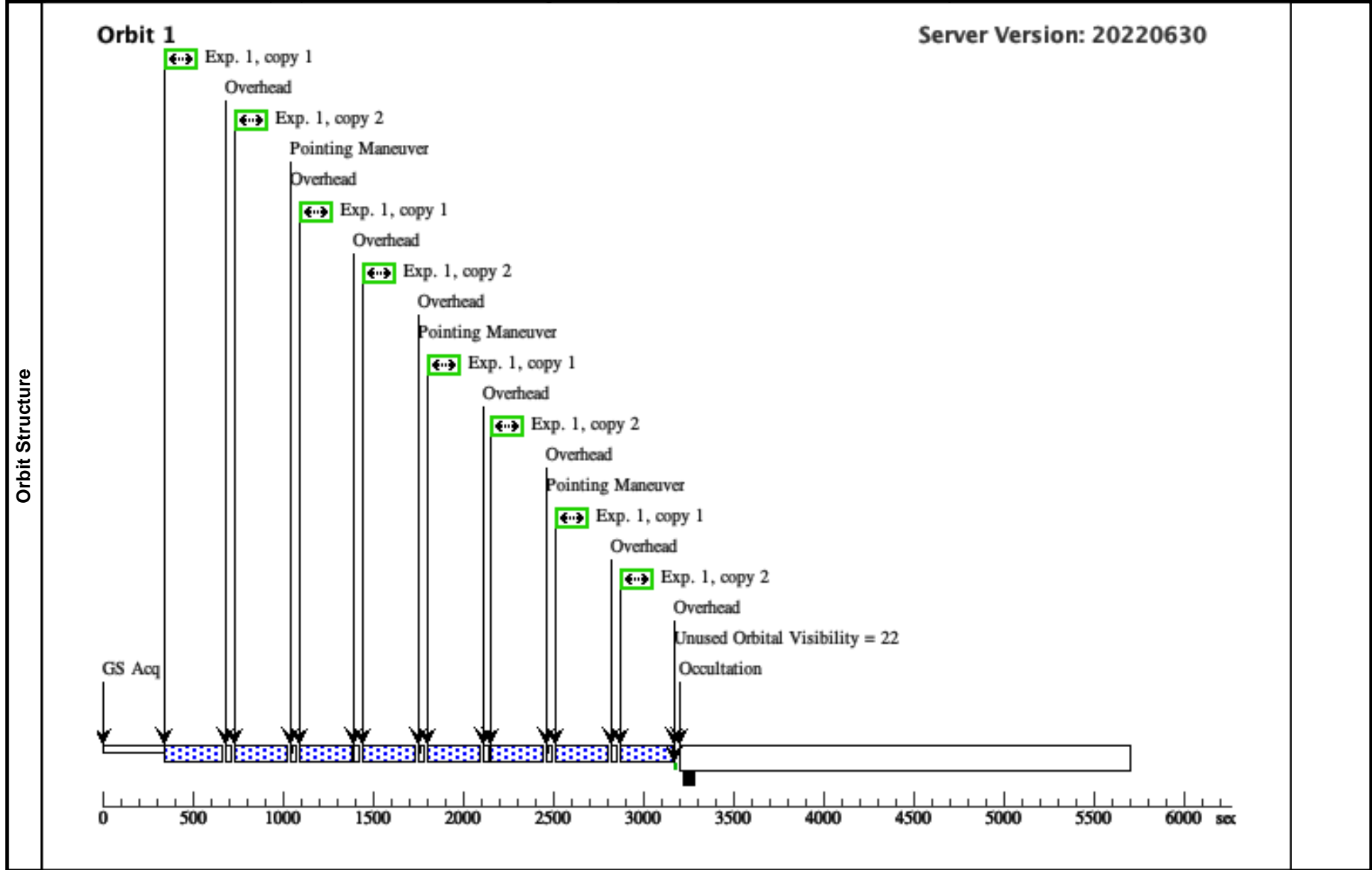
Orbit Structure



Proposal 16651 - PDS99 (B1) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:06 GMT 2022

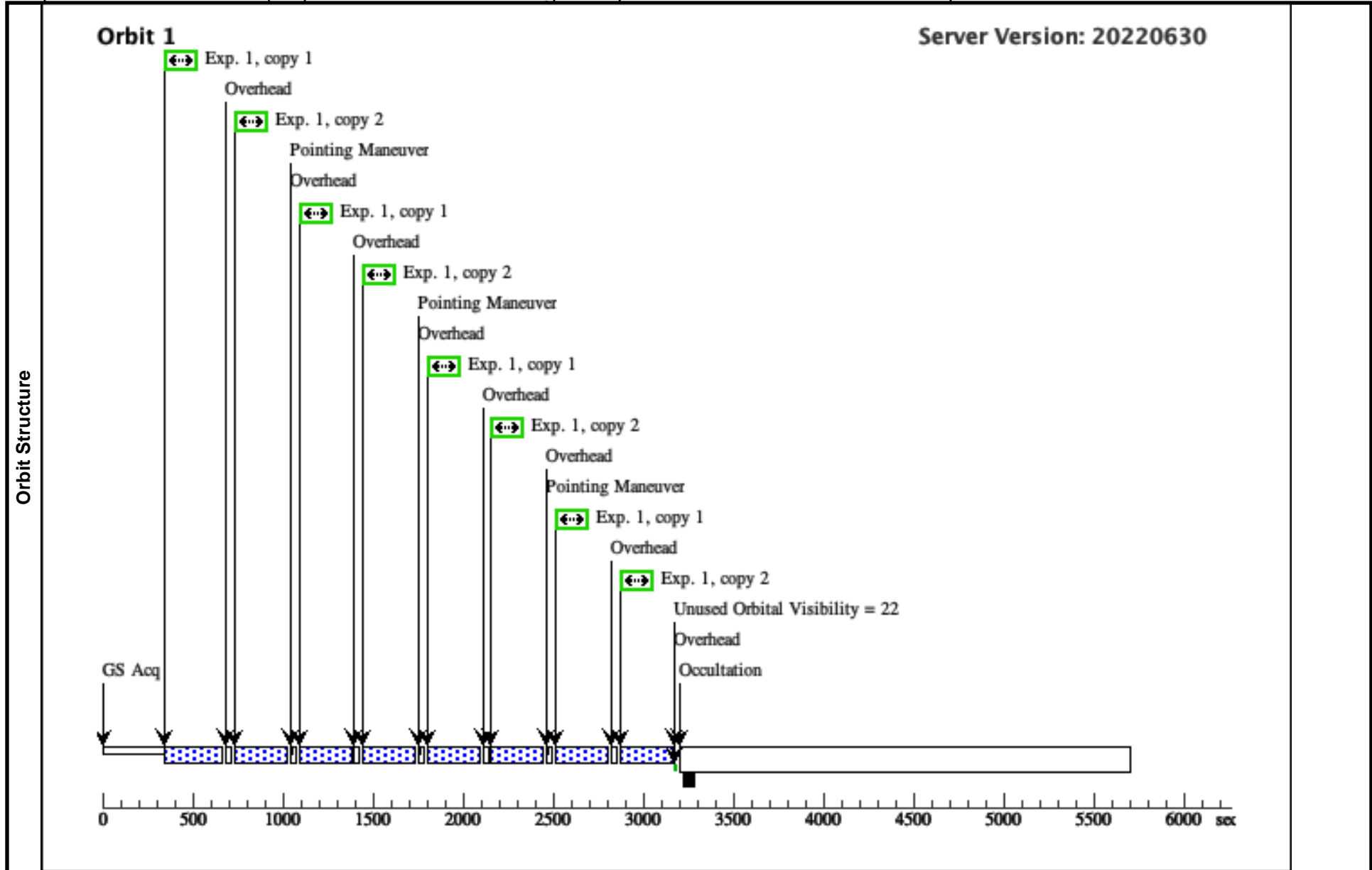
Visit	Proposal 16651, PDS99 (B1), failed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	V-V721-CRA	RA: 19 09 45.9266 (287.4413608d) Dec: -37 04 26.60 (-37.07406d) Equinox: J2000	Proper Motion RA: 4.349150333324026E-4 sec of time/yr Proper Motion Dec: -0.027073999899585033 arcsec/yr Epoch of Position: 2015.5	V=13.3		Reference Frame: SIMBAD			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVIS.im.152458 2)	(2) V-V721-CRA	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in PDS99 (B1) (1)	295 Secs X 2 (2360 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)]	[1]



Proposal 16651 - PDS99 (ZB) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:06 GMT 2022

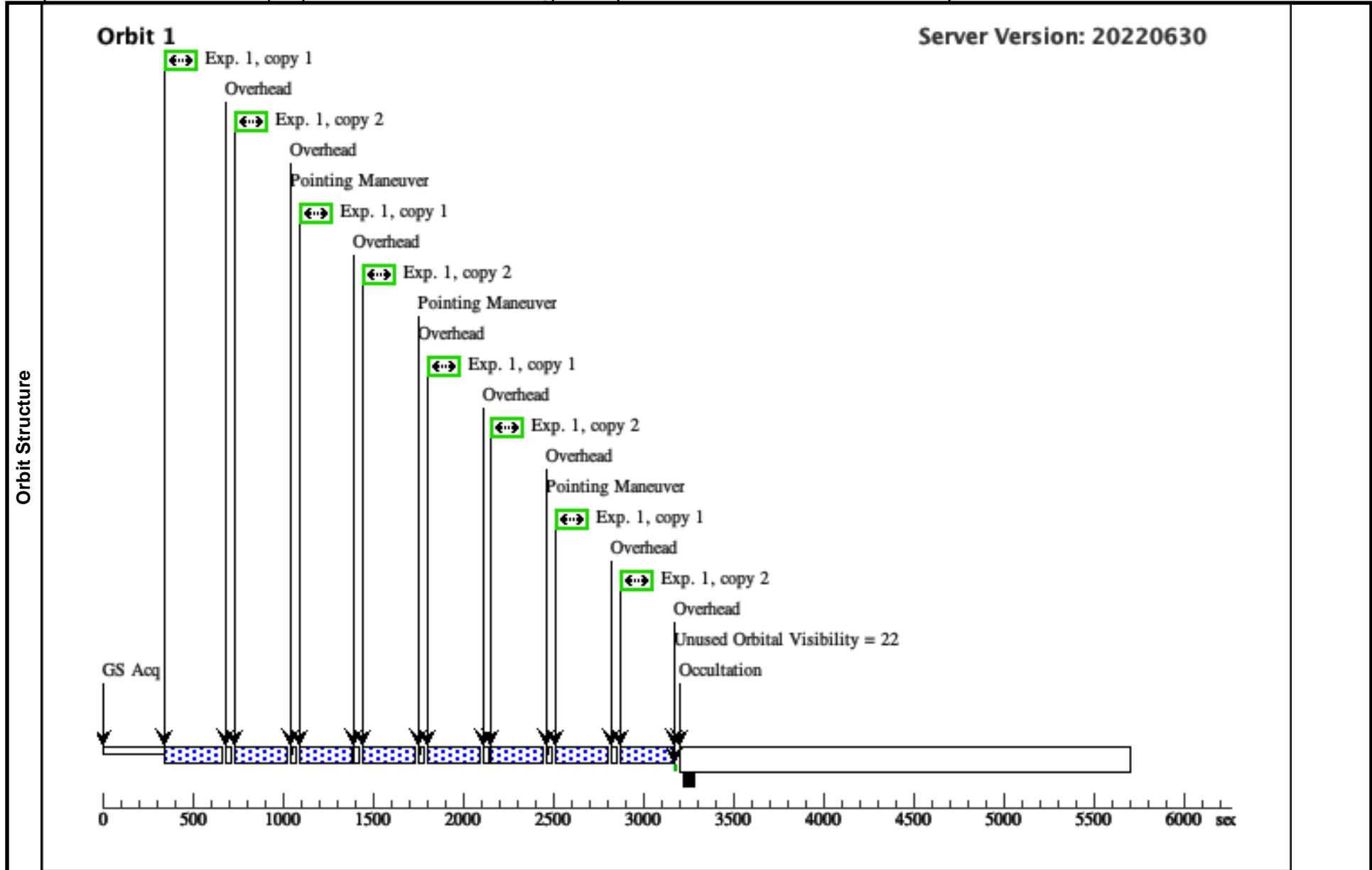
Visit	Proposal 16651, PDS99 (ZB), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; ORIENT 111.8D TO 61.8 D Comments: This is a HOPR repeat of failed visit B1 YZ: I added orientation constraints, so the orientation of visit ZB differs from that of visit B2 (U3=86.8) by at least 25 degrees.									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	V-V721-CRA	RA: 19 09 45.9266 (287.4413608d) Dec: -37 04 26.60 (-37.07406d) Equinox: J2000	Proper Motion RA: 4.349150333324026E-4 sec of time/yr Proper Motion Dec: -0.027073999899585033 arcsec/yr Epoch of Position: 2015.5	V=13.3	Reference Frame: SIMBAD				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 2)	(2) V-V721-CRA	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in PDS99 (ZB) (1)	295 Secs X 2 (2360 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)]	[1]



Proposal 16651 - PDS99 (B2) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:06 GMT 2022

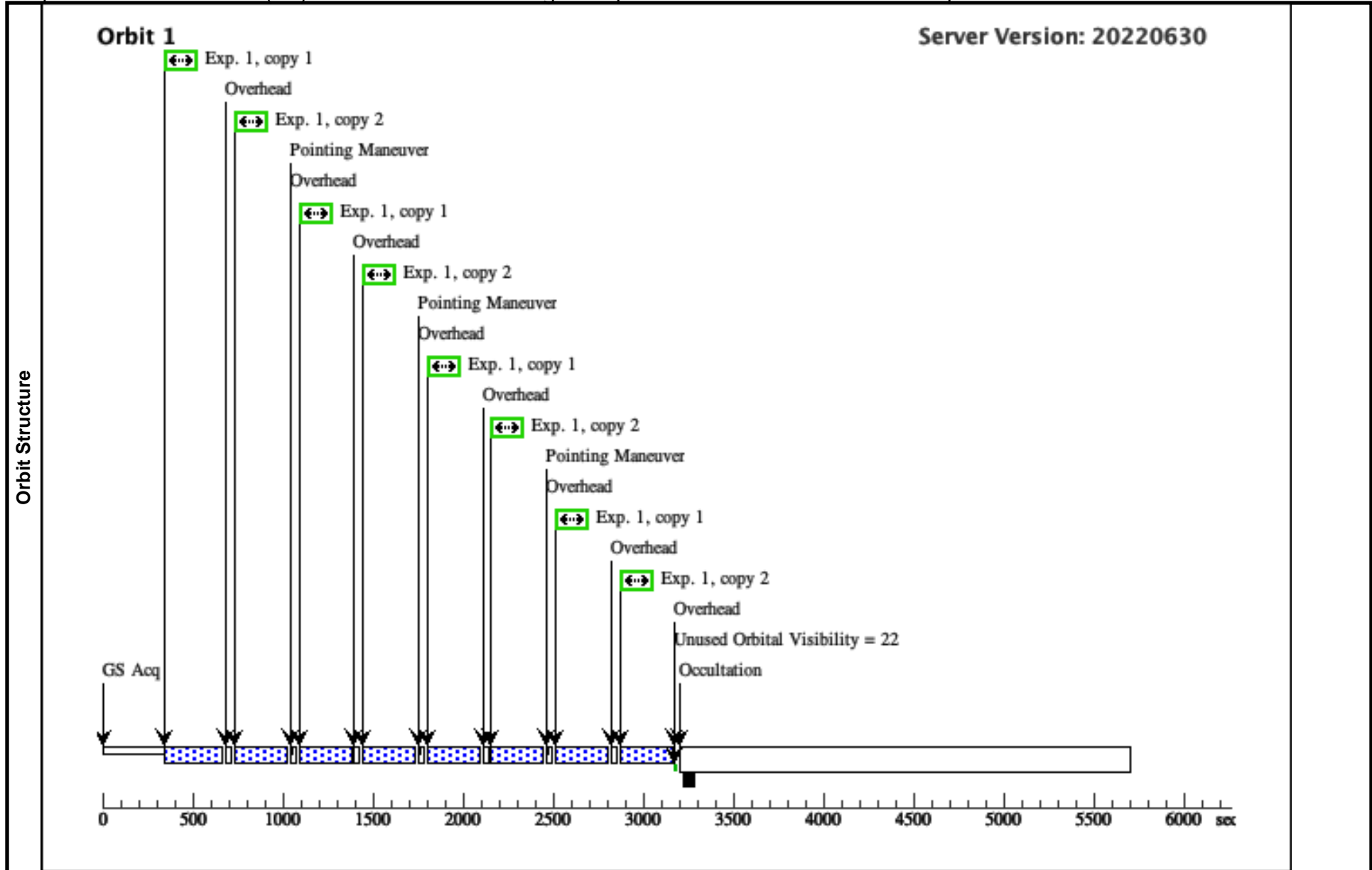
Visit	Proposal 16651, PDS99 (B2), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; ORIENT 25D TO 35D FROM B1; AFTER B1 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	V-V721-CRA	RA: 19 09 45.9266 (287.4413608d) Dec: -37 04 26.60 (-37.07406d) Equinox: J2000	Proper Motion RA: 4.349150333324026E-4 sec of time/yr Proper Motion Dec: -0.027073999899585033 arcsec/yr Epoch of Position: 2015.5	V=13.3		Reference Frame: SIMBAD			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVIS.im.152458 2)	(2) V-V721-CRA	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in PDS99 (B2) (1)	295 Secs X 2 (2360 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)]	[1]



Proposal 16651 - PDS99 (B3) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:06 GMT 2022

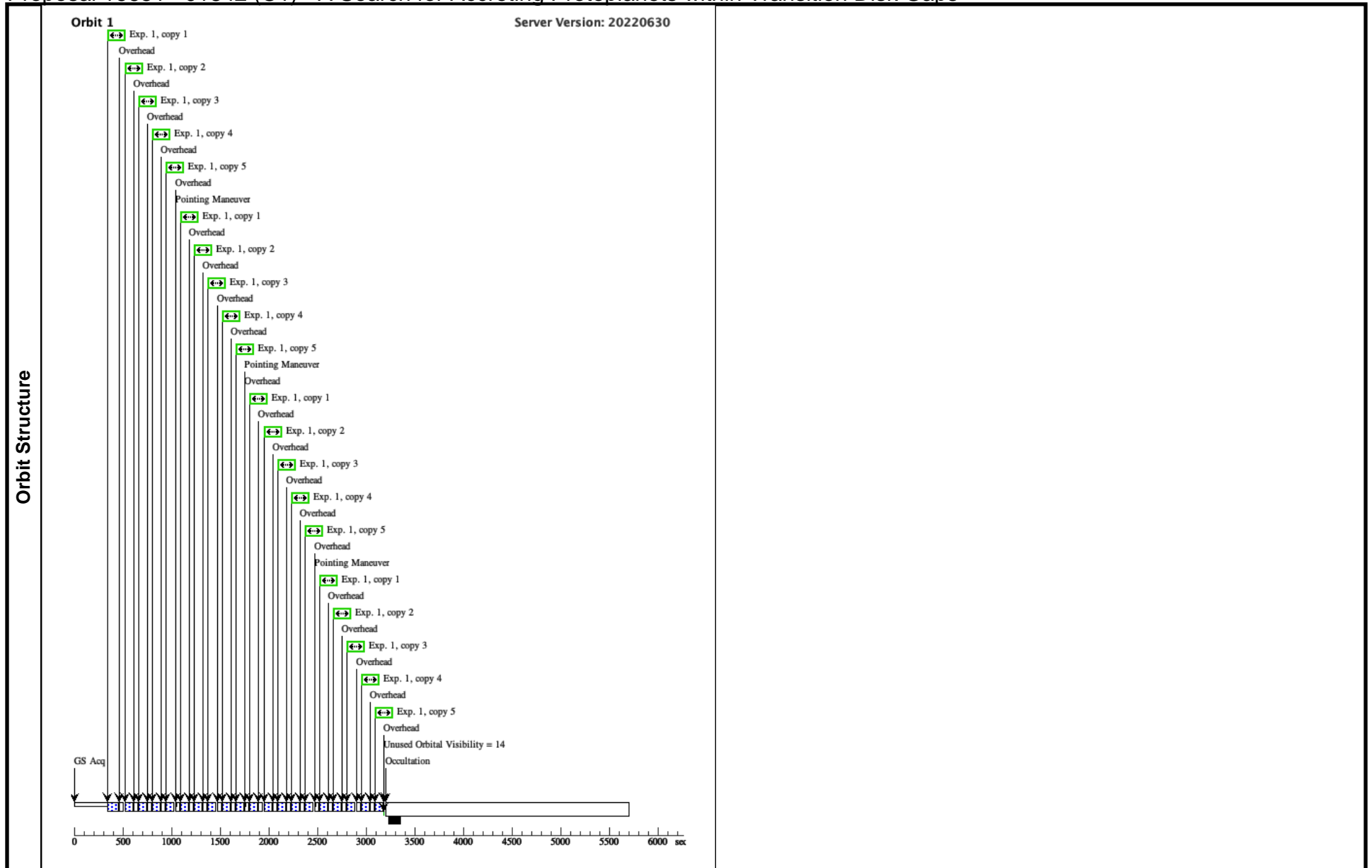
Visit	Proposal 16651, PDS99 (B3), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SAME ORIENT AS B1; AFTER B2 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	V-V721-CRA	RA: 19 09 45.9266 (287.4413608d) Dec: -37 04 26.60 (-37.07406d) Equinox: J2000	Proper Motion RA: 4.349150333324026E-4 sec of time/yr Proper Motion Dec: -0.027073999899585033 arcsec/yr Epoch of Position: 2015.5	V=13.3		Reference Frame: SIMBAD			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVIS.im.152458 2)	(2) V-V721-CRA	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in PDS99 (B3) (1)	295 Secs X 2 (2360 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)]	[1]



Proposal 16651 - J1842 (C1) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:06 GMT 2022

Visit	Proposal 16651, J1842 (C1), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false		(1)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	WRAY-15-1880	RA: 18 42 57.9830 (280.7415958d) Dec: -35 32 43.24 (-35.54534d) Equinox: J2000	Proper Motion RA: 1.1487250615008659E-4 sec of time/yr Proper Motion Dec: -0.02710100002332183 arcsec/yr Epoch of Position: 2015.5	V=11.77	Reference Frame: SIMBAD				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 3)	(3) WRAY-15-1880	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in J1842 (C1) (1)	78 Secs X 5 (1560 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 1, Copy 5)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 2, Copy 5)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 3, Copy 5)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)] [==>(Pattern 4, Copy 5)]	[1]



Proposal 16651 - J1842 (C2) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:06 GMT 2022

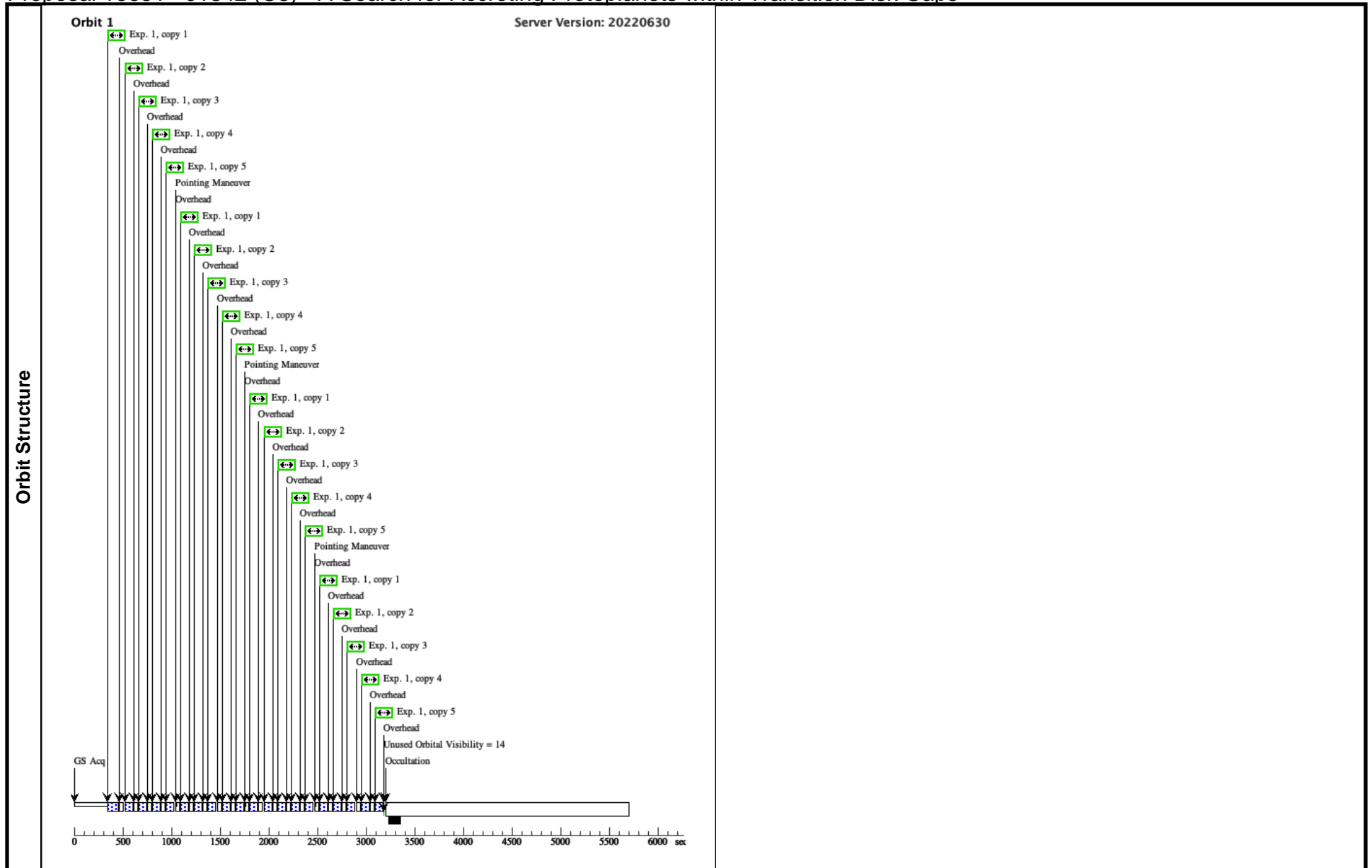
Visit	Proposal 16651, J1842 (C2), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; ORIENT 25D TO 35D FROM C1; AFTER C1 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false		(1)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	WRAY-15-1880	RA: 18 42 57.9830 (280.7415958d) Dec: -35 32 43.24 (-35.54534d) Equinox: J2000	Proper Motion RA: 1.1487250615008659E-4 sec of time/yr Proper Motion Dec: -0.02710100002332183 arcsec/yr Epoch of Position: 2015.5	V=11.77	Reference Frame: SIMBAD				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 3)	(3) WRAY-15-1880	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in J1842 (C2) (1)	78 Secs X 5 (1560 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 1, Copy 5)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 2, Copy 5)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 3, Copy 5)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)] [==>(Pattern 4, Copy 5)]	[1]

Proposal 16651 - J1842 (C3) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:06 GMT 2022

Visit	Proposal 16651, J1842 (C3), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SAME ORIENT AS C1; AFTER C2 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false		(1)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	WRAY-15-1880	RA: 18 42 57.9830 (280.7415958d) Dec: -35 32 43.24 (-35.54534d) Equinox: J2000	Proper Motion RA: 1.1487250615008659E-4 sec of time/yr Proper Motion Dec: -0.02710100002332183 arcsec/yr Epoch of Position: 2015.5	V=11.77	Reference Frame: SIMBAD				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 3)	(3) WRAY-15-1880	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in J1842 (C3) (1)	78 Secs X 5 (1560 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 1, Copy 5)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 2, Copy 5)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 3, Copy 5)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)] [==>(Pattern 4, Copy 5)]	[1]

Proposal 16651 - J1842 (C3) - A Search for Accreting Protoplanets within Transition Disk Gaps

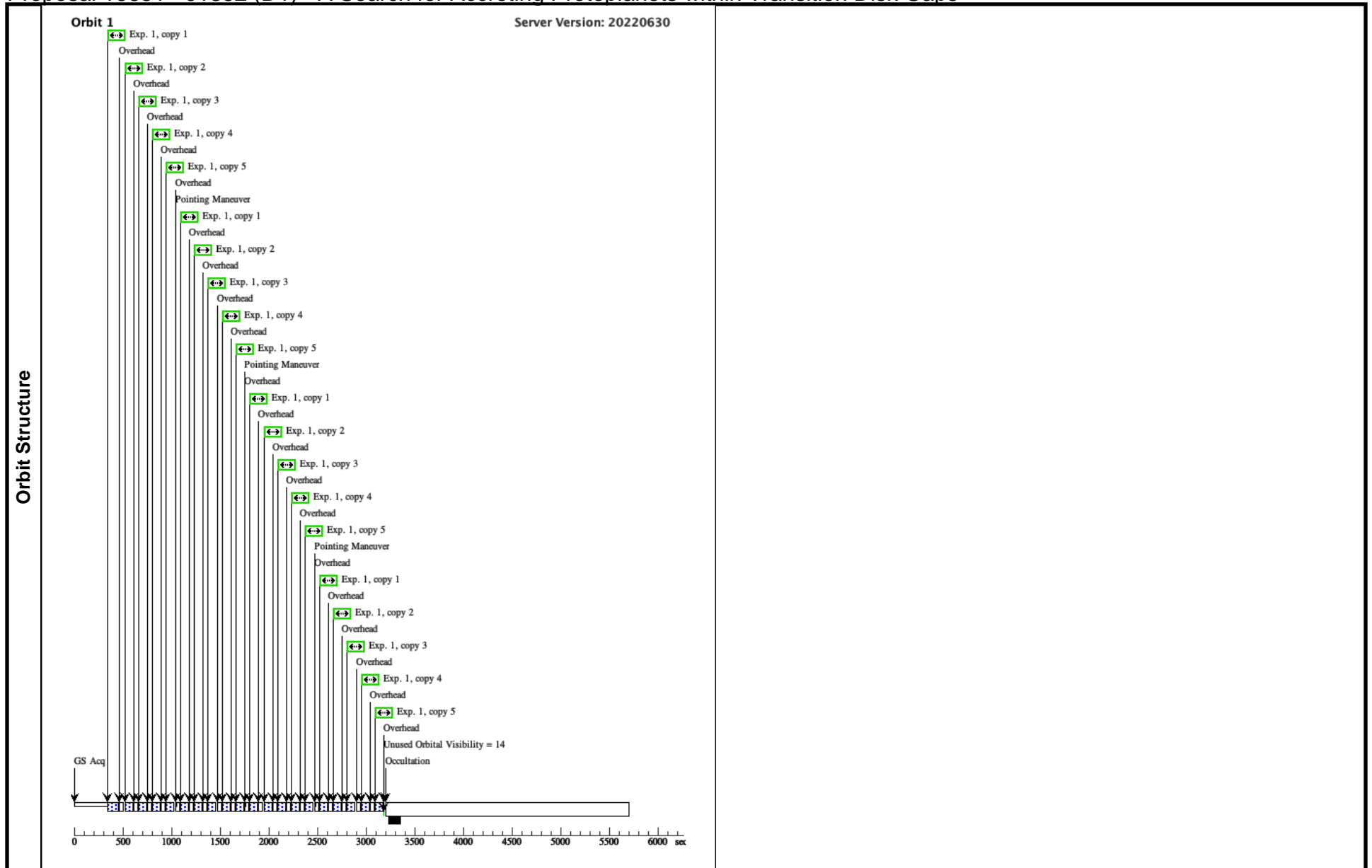


Proposal 16651 - J1852 (D1) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:06 GMT 2022

Visit	Proposal 16651, J1852 (D1), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false		(1)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	2MASS-J18521730-3700119	RA: 18 52 17.3052 (283.0721050d) Dec: -37 00 12.39 (-37.00344d) Equinox: J2000	Proper Motion RA: 2.712248588345443E-4 sec of time/yr Proper Motion Dec: -0.028174000067338056 arcsec/yr Epoch of Position: 2015.5	V=12.194	Reference Frame: SIMBAD				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.1524584)	(4) 2MASS-J18521730-3700119	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in J1852 (D1) (1)	78 Secs X 5 (1560 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 1, Copy 5)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 2, Copy 5)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 3, Copy 5)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)] [==>(Pattern 4, Copy 5)]	[1]

Proposal 16651 - J1852 (D1) - A Search for Accreting Protoplanets within Transition Disk Gaps

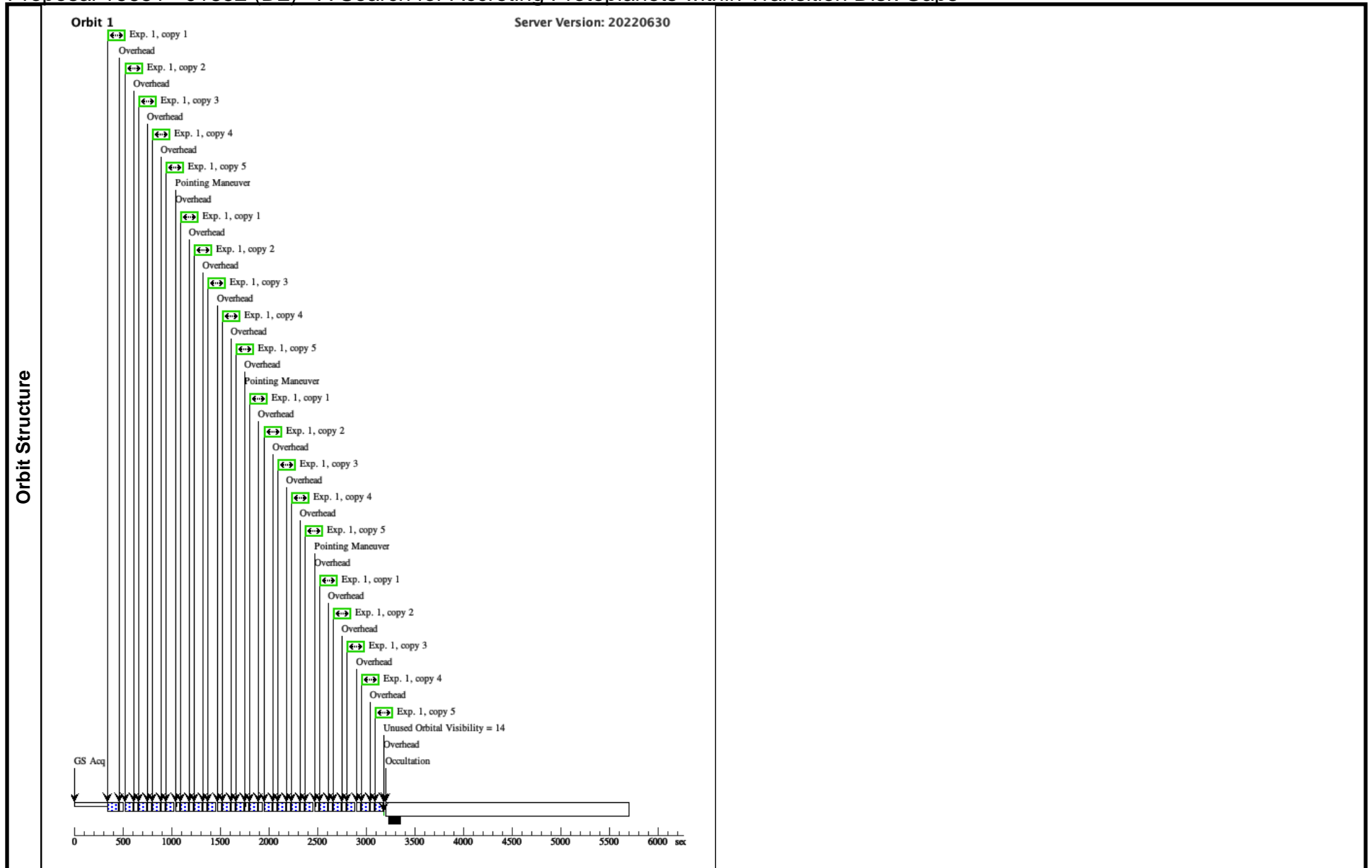


Proposal 16651 - J1852 (D2) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:06 GMT 2022

Visit	Proposal 16651, J1852 (D2), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; ORIENT 25D TO 35D FROM D1; AFTER D1 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false		(1)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	2MASS-J18521730-3700119	RA: 18 52 17.3052 (283.0721050d) Dec: -37 00 12.39 (-37.00344d) Equinox: J2000	Proper Motion RA: 2.712248588345443E-4 sec of time/yr Proper Motion Dec: -0.028174000067338056 arcsec/yr Epoch of Position: 2015.5	V=12.194	Reference Frame: SIMBAD				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 4)	(4) 2MASS-J18521730-3700119	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in J1852 (D2) (1)	78 Secs X 5 (1560 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 1, Copy 5)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 2, Copy 5)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 3, Copy 5)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)] [==>(Pattern 4, Copy 5)]	[1]

Proposal 16651 - J1852 (D2) - A Search for Accreting Protoplanets within Transition Disk Gaps

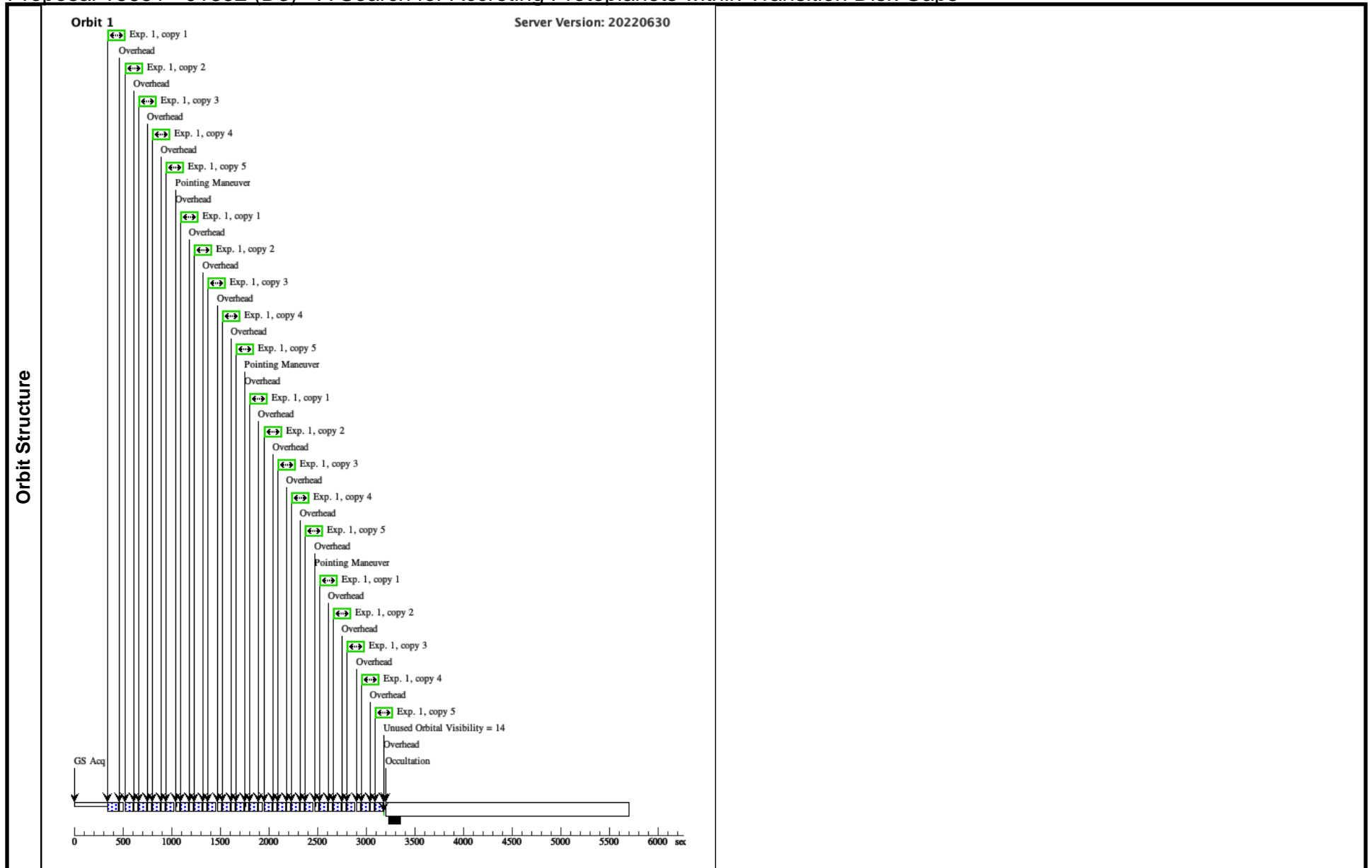


Proposal 16651 - J1852 (D3) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:06 GMT 2022

Visit	Proposal 16651, J1852 (D3), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SAME ORIENT AS D1; AFTER D2 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false		(1)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	2MASS-J18521730-3700119	RA: 18 52 17.3052 (283.0721050d) Dec: -37 00 12.39 (-37.00344d) Equinox: J2000	Proper Motion RA: 2.712248588345443E-4 sec of time/yr Proper Motion Dec: -0.028174000067338056 arcsec/yr Epoch of Position: 2015.5	V=12.194	Reference Frame: SIMBAD				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 4)	(4) 2MASS-J18521730-3700119	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in J1852 (D3) (1)	78 Secs X 5 (1560 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 1, Copy 5)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 2, Copy 5)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 3, Copy 5)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)] [==>(Pattern 4, Copy 5)]	[1]

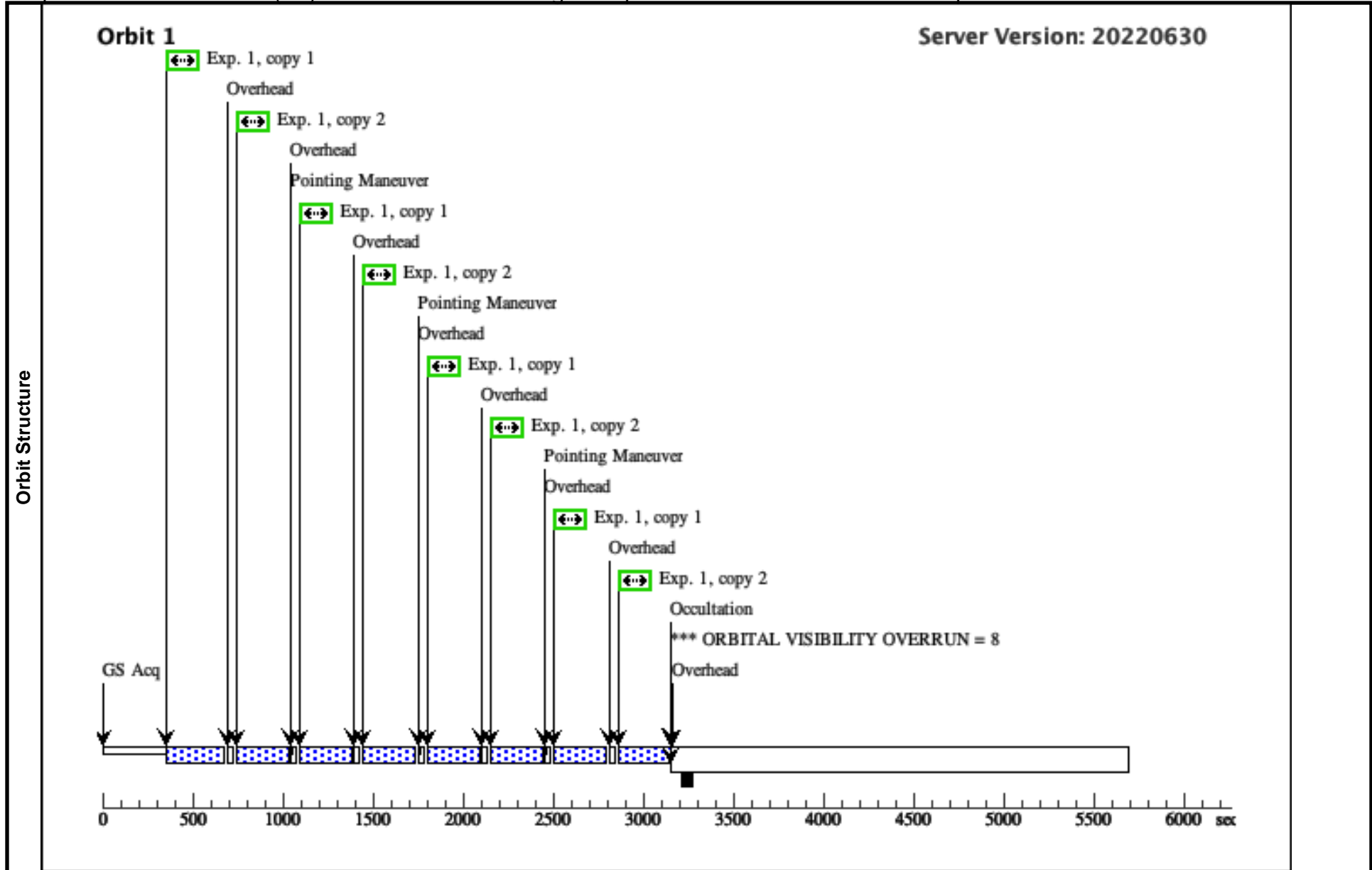
Proposal 16651 - J1852 (D3) - A Search for Accreting Protoplanets within Transition Disk Gaps



Proposal 16651 - DM Tau (E1) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:06 GMT 2022

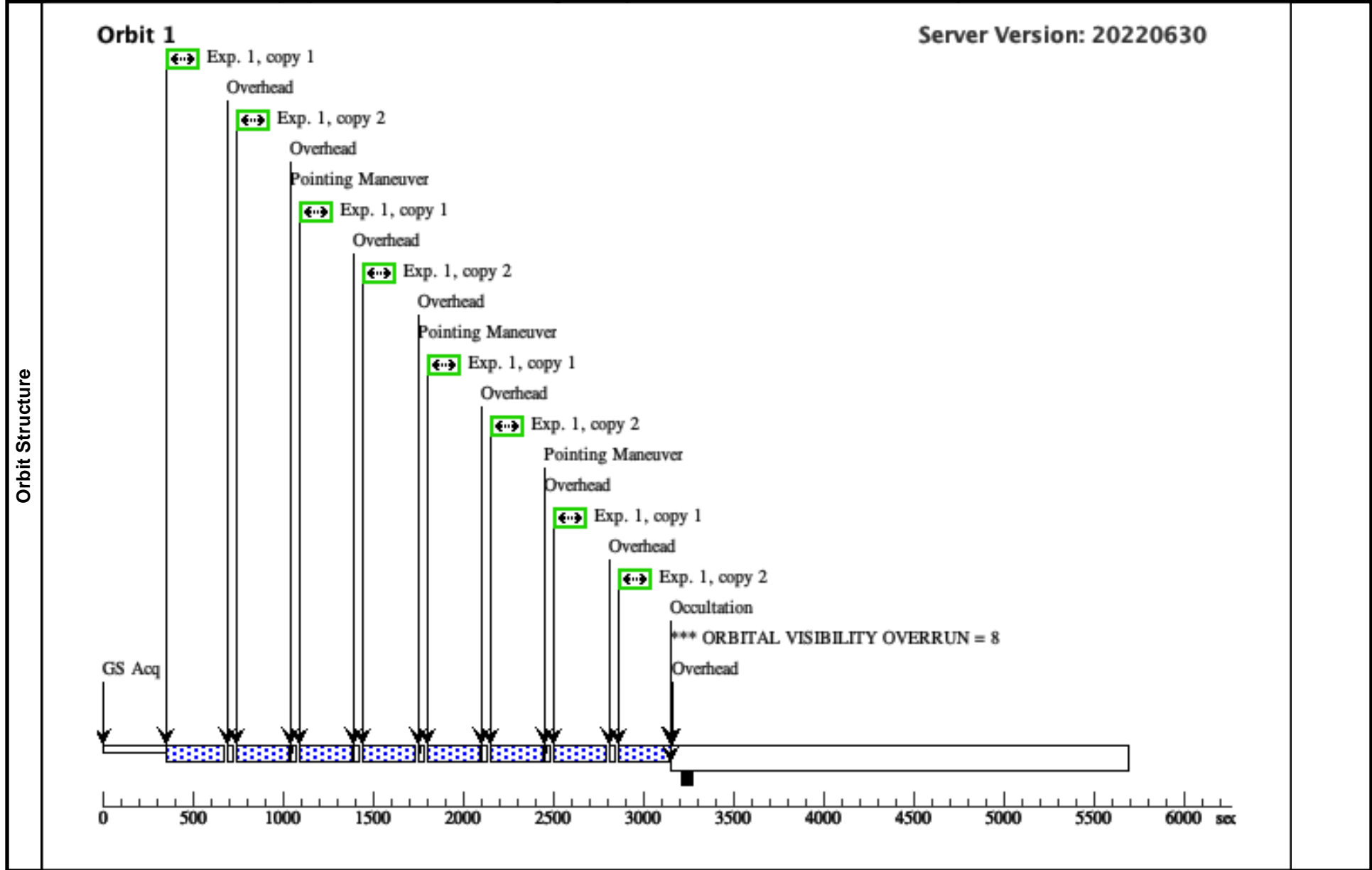
Visit	Proposal 16651, DM Tau (E1), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD										
	(DM Tau (E1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Diagnosics											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	V-DM-TAU	RA: 04 33 48.7464 (68.4531100d) Dec: +18 10 9.69 (18.16936d) Equinox: J2000		Proper Motion RA: 8.271070931965516E-4 sec of time/yr Proper Motion Dec: -0.01836100009313668 arcsec/yr Epoch of Position: 2015.5		V=14.0		Reference Frame: SIMBAD		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[M V-IV, T TAURI STAR, YSO] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(WFC3UVI S.im.152458 5)	(5) V-DM-TAU	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20	GS ACQ SCENARI O BASE1BE	Pattern 1, Exps 1-1 i n DM Tau (E1) (1)	292 Secs X 2 (2336 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)]		[1]



Proposal 16651 - DM Tau (E2) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

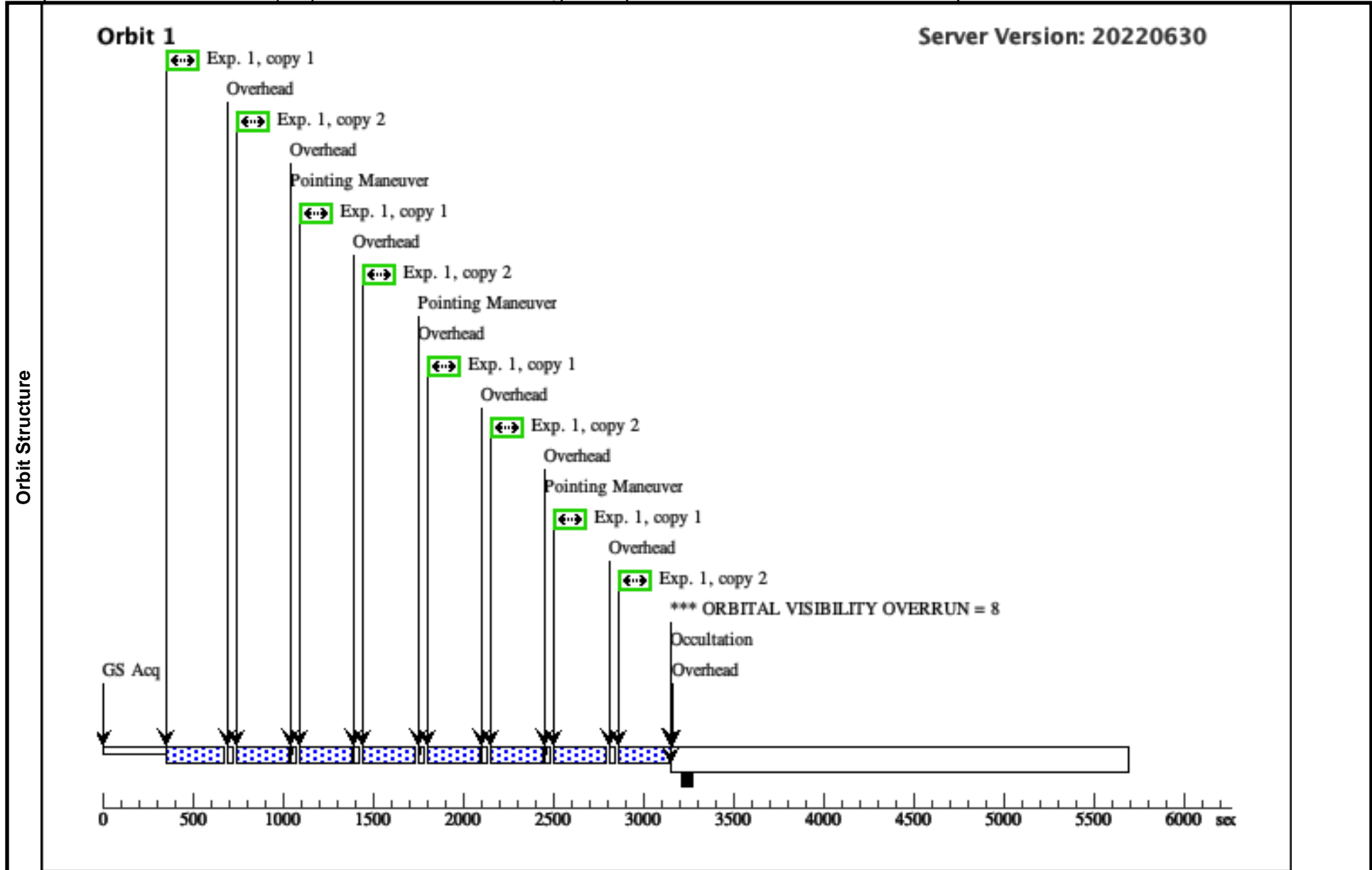
Visit	Proposal 16651, DM Tau (E2), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; ORIENT 25D TO 35D FROM E1; AFTER E1 BY 0.5 Orbits TO 1.5 Orbits										
	(DM Tau (E2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Diagnosics											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	V-DM-TAU	RA: 04 33 48.7464 (68.4531100d) Dec: +18 10 9.69 (18.16936d) Equinox: J2000		Proper Motion RA: 8.271070931965516E-4 sec of time/yr Proper Motion Dec: -0.01836100009313668 arcsec/yr Epoch of Position: 2015.5		V=14.0		Reference Frame: SIMBAD		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[M V-IV, T TAURI STAR, YSO] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(WFC3UVI S.im.152458 5)	(5) V-DM-TAU	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20	GS ACQ SCENARI O BASE1BE	Pattern 1, Exps 1-1 i n DM Tau (E2) (1)	292 Secs X 2 (2336 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)]		[1]



Proposal 16651 - DM Tau (E3) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

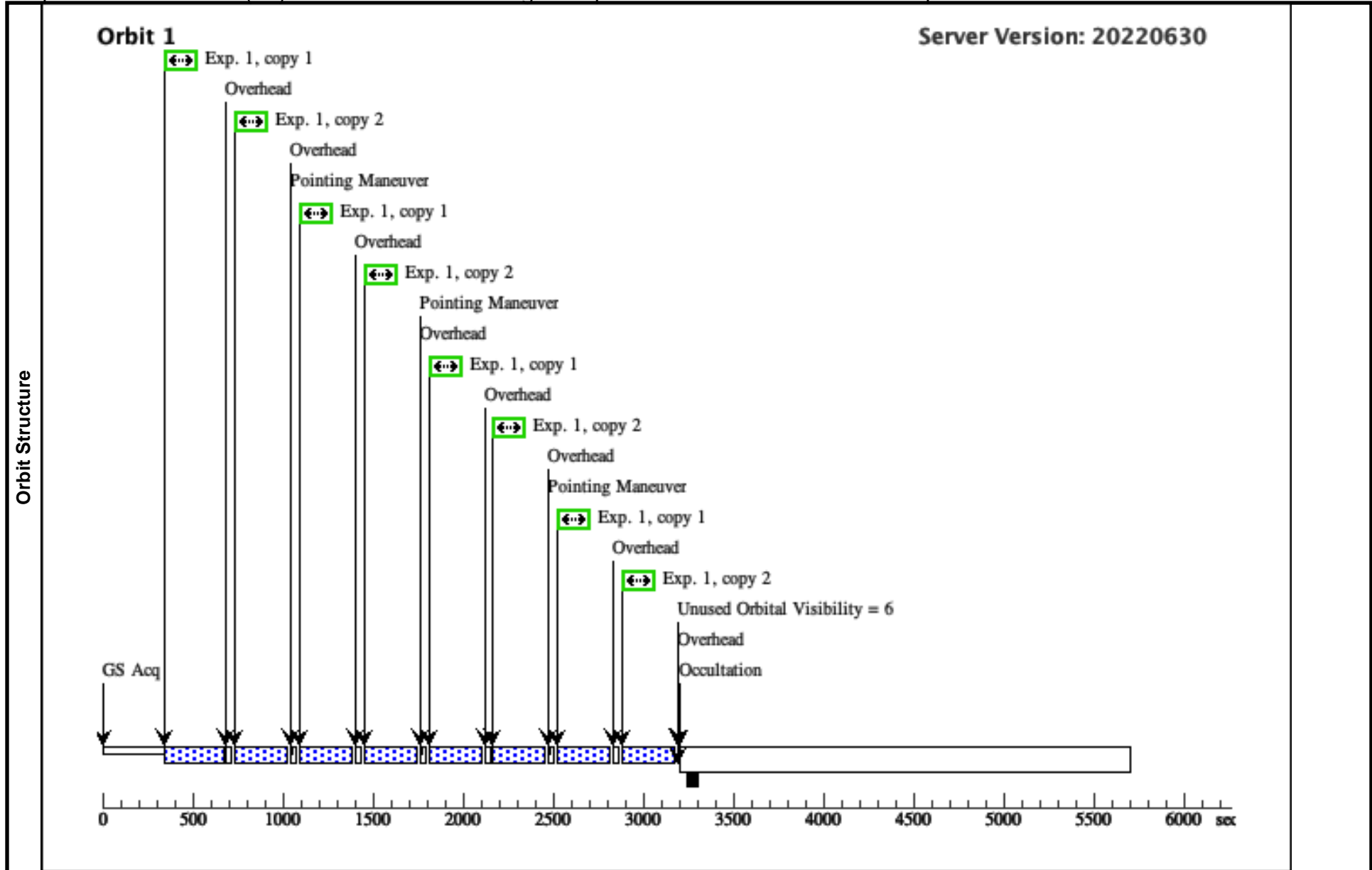
Visit	Proposal 16651, DM Tau (E3), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SAME ORIENT AS E1; AFTER E2 BY 0.5 Orbits TO 1.5 Orbits										
	(DM Tau (E3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Diagnosics											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02		Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	V-DM-TAU	RA: 04 33 48.7464 (68.4531100d) Dec: +18 10 9.69 (18.16936d) Equinox: J2000		Proper Motion RA: 8.271070931965516E-4 sec of time/yr Proper Motion Dec: -0.01836100009313668 arcsec/yr Epoch of Position: 2015.5		V=14.0		Reference Frame: SIMBAD		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[M V-IV, T TAURI STAR, YSO] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	(WFC3UVI S.im.152458 5)	(5) V-DM-TAU	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20	GS ACQ SCENARI O BASE1BE	Pattern 1, Exps 1-1 i n DM Tau (E3) (1)	292 Secs X 2 (2336 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)]		[1]



Proposal 16651 - Sz91 (F1) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

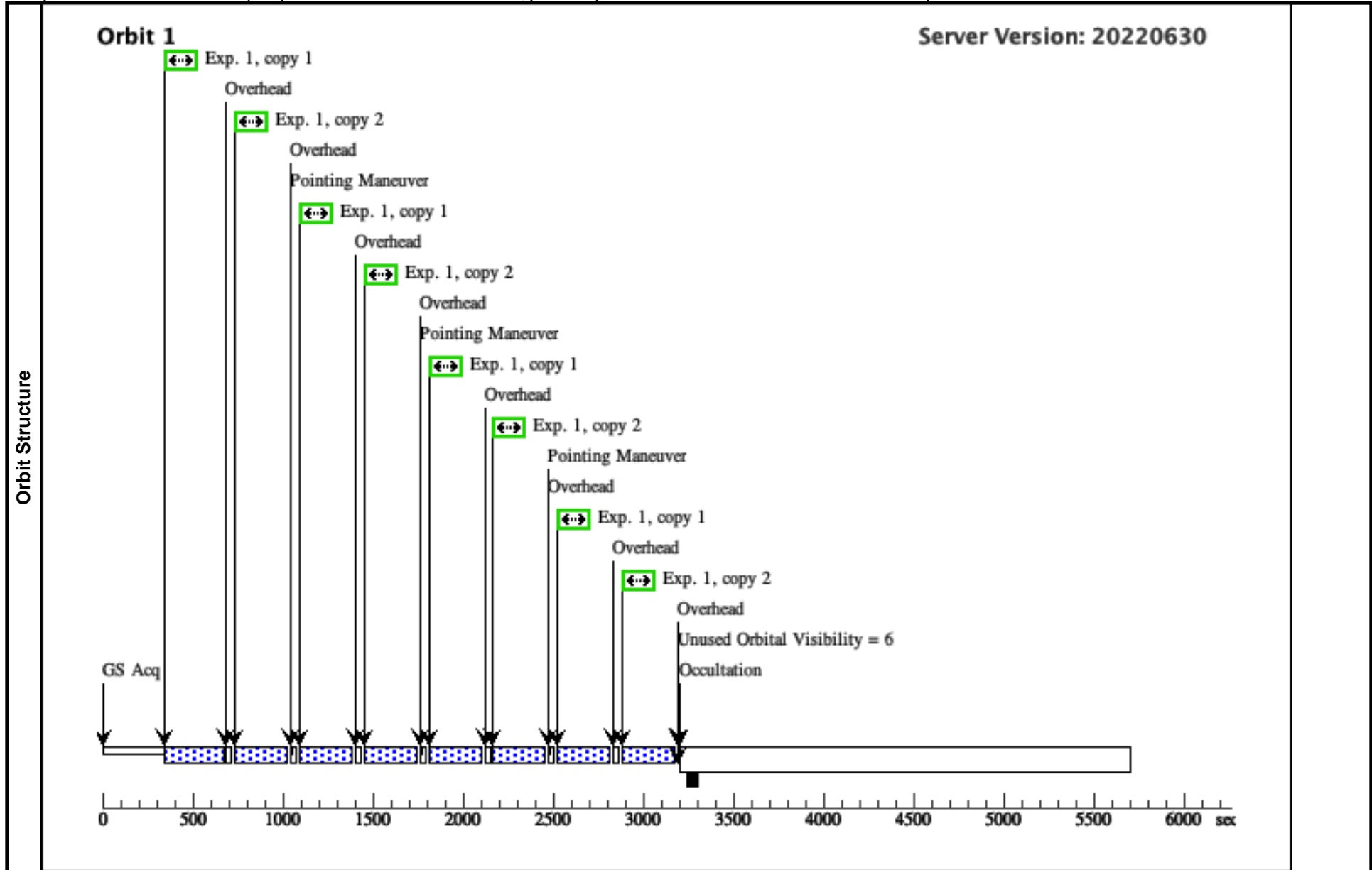
Visit	Proposal 16651, Sz91 (F1), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(6)	THA-15-20	RA: 16 07 11.5740 (241.7982250d) Dec: -39 03 47.85 (-39.06329d) Equinox: J2000	Proper Motion RA: -8.758662914627095E-4 sec of time/yr Proper Motion Dec: -0.022851000016999024 arcsec/yr Epoch of Position: 2015.5	V=14.58		Reference Frame: SIMBAD			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[M V-IV, T TAURI STAR, YSO] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 6)	(6) THA-15-20	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in Sz91 (F1) (1)	297 Secs X 2 (2376 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)]	[1]



Proposal 16651 - Sz91 (F2) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

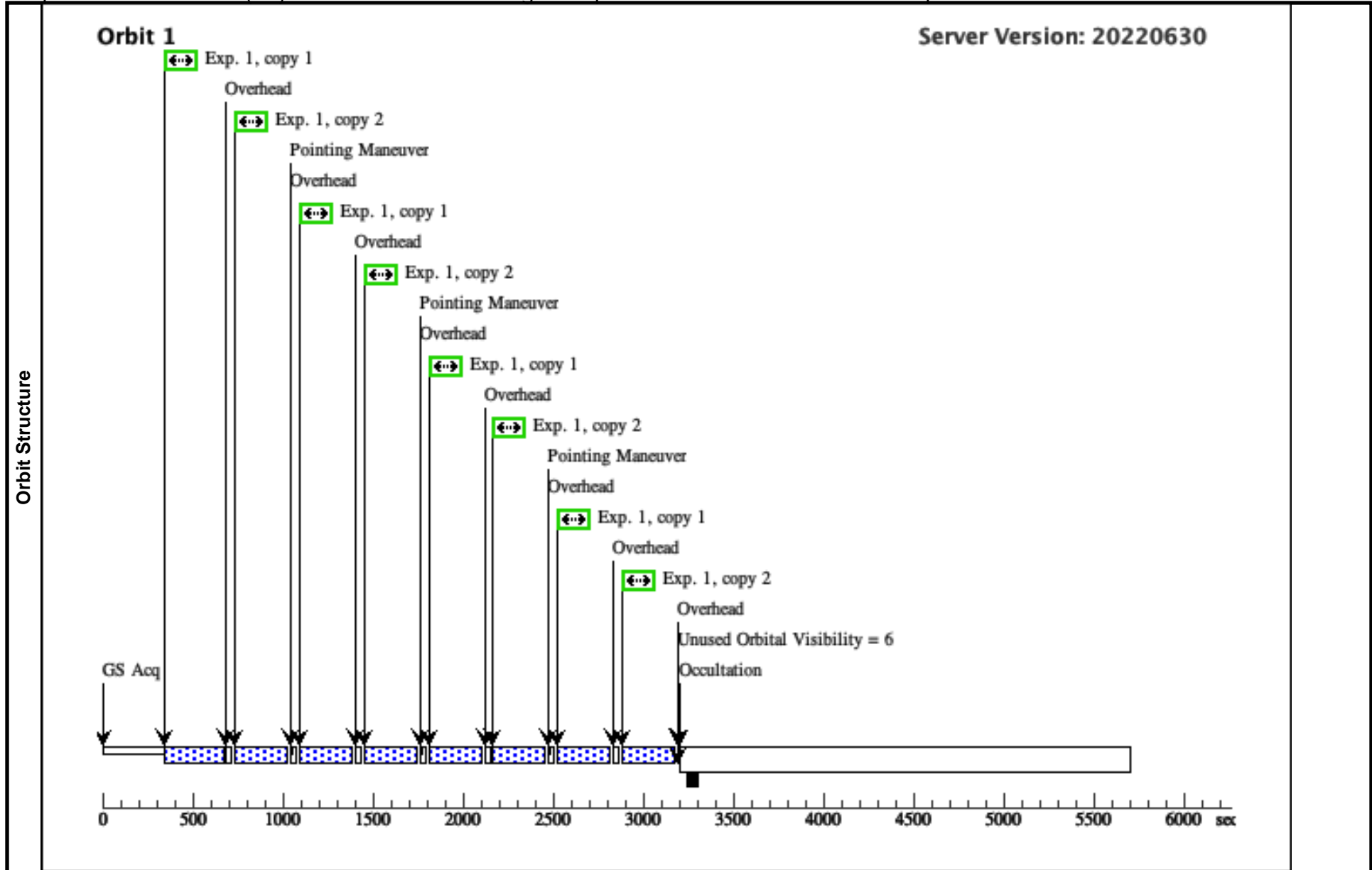
Visit	Proposal 16651, Sz91 (F2), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; ORIENT 25D TO 35D FROM F1; AFTER F1 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(6)	THA-15-20	RA: 16 07 11.5740 (241.7982250d) Dec: -39 03 47.85 (-39.06329d) Equinox: J2000	Proper Motion RA: -8.758662914627095E-4 sec of time/yr Proper Motion Dec: -0.022851000016999024 arcsec/yr Epoch of Position: 2015.5	V=14.58	Reference Frame: SIMBAD				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[M V-IV, T TAURI STAR, YSO] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 6)	(6) THA-15-20	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in Sz91 (F2) (1)	297 Secs X 2 (2376 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)]	[1]



Proposal 16651 - Sz91 (F3) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

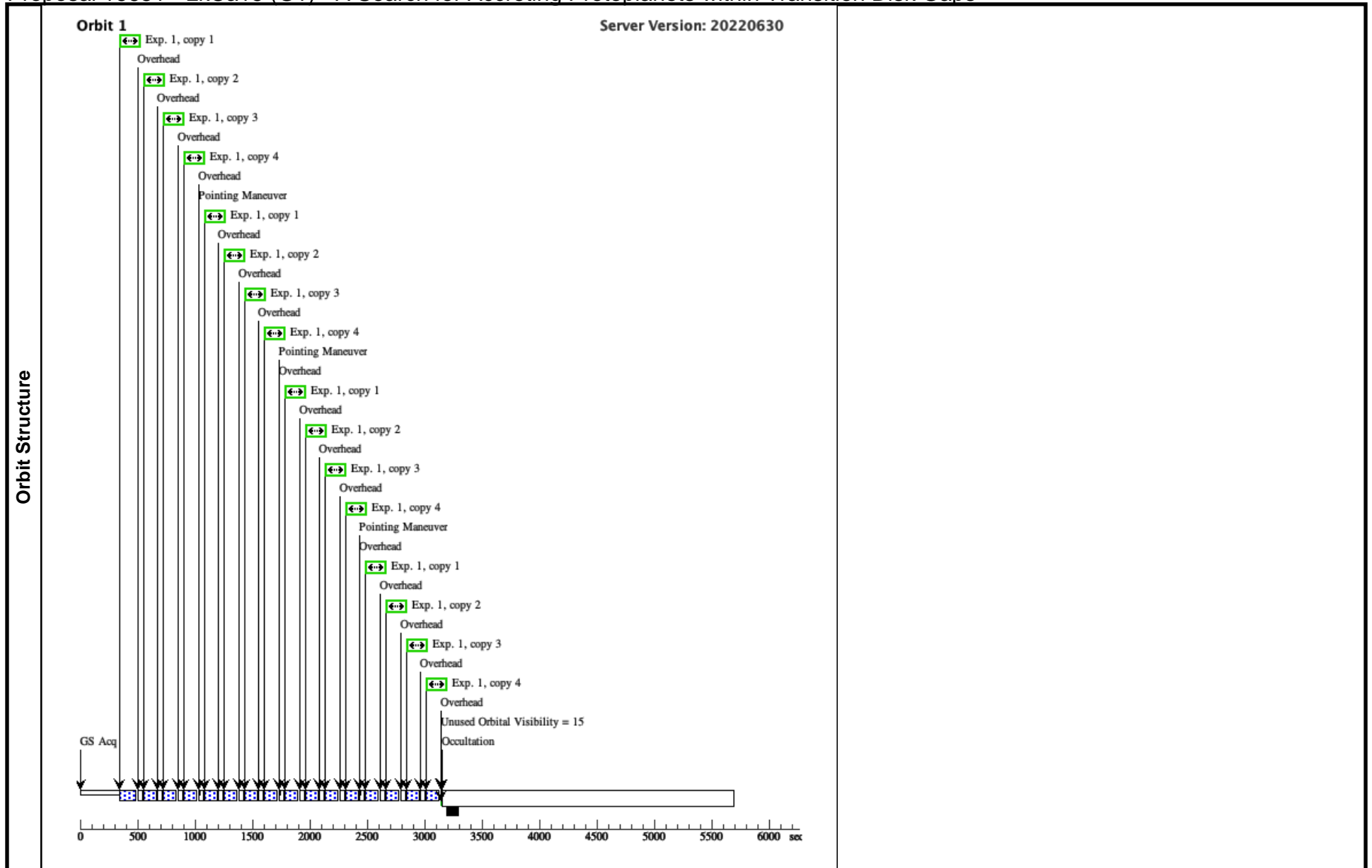
Visit	Proposal 16651, Sz91 (F3), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SAME ORIENT AS F1; AFTER F2 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(6)	THA-15-20	RA: 16 07 11.5740 (241.7982250d) Dec: -39 03 47.85 (-39.06329d) Equinox: J2000	Proper Motion RA: -8.758662914627095E-4 sec of time/yr Proper Motion Dec: -0.022851000016999024 arcsec/yr Epoch of Position: 2015.5	V=14.58	Reference Frame: SIMBAD				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[M V-IV, T TAURI STAR, YSO] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 6)	(6) THA-15-20	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in Sz91 (F3) (1)	297 Secs X 2 (2376 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)]	[1]



Proposal 16651 - LkCa15 (G1) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

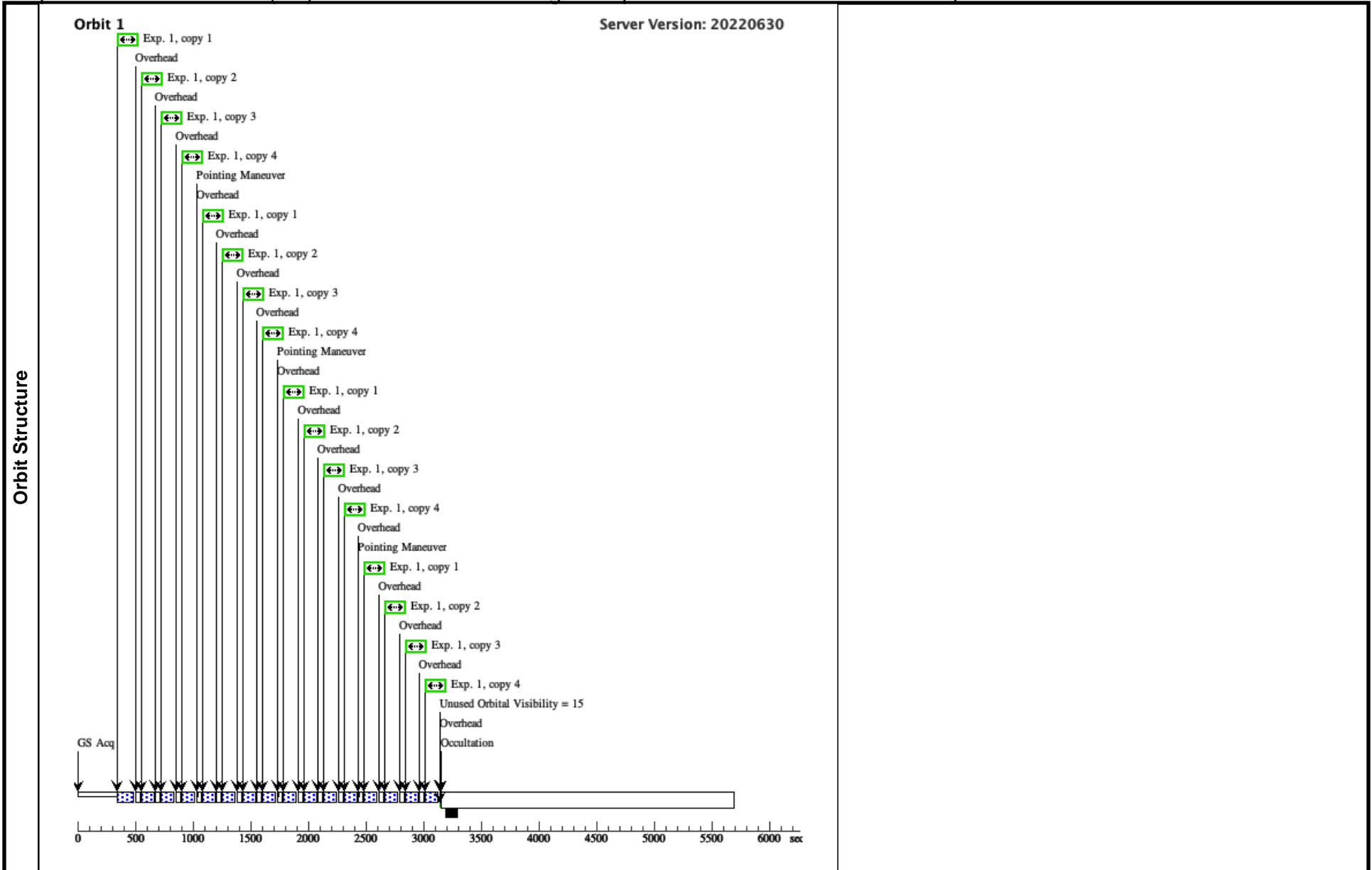
Visit	Proposal 16651, LkCa15 (G1), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD									
Patterns	#	Primary Pattern		Secondary Pattern		Exposures				
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false			(1)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	EM-LKCA-15	RA: 04 39 17.8030 (69.8241792d) Dec: +22 21 3.12 (22.35087d) Equinox: J2000	Proper Motion RA: 7.547707194511572E-4 sec of time/yr Proper Motion Dec: -0.01738299999942683 arcsec/yr Epoch of Position: 2015.5	V=12.03	Reference Frame: SIMBAD				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 7)	(7) EM-LKCA-15	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in LkCa15 (G1) (1)	111 Secs X 4 (1776 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]	[1]



Proposal 16651 - LkCa15 (G2) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

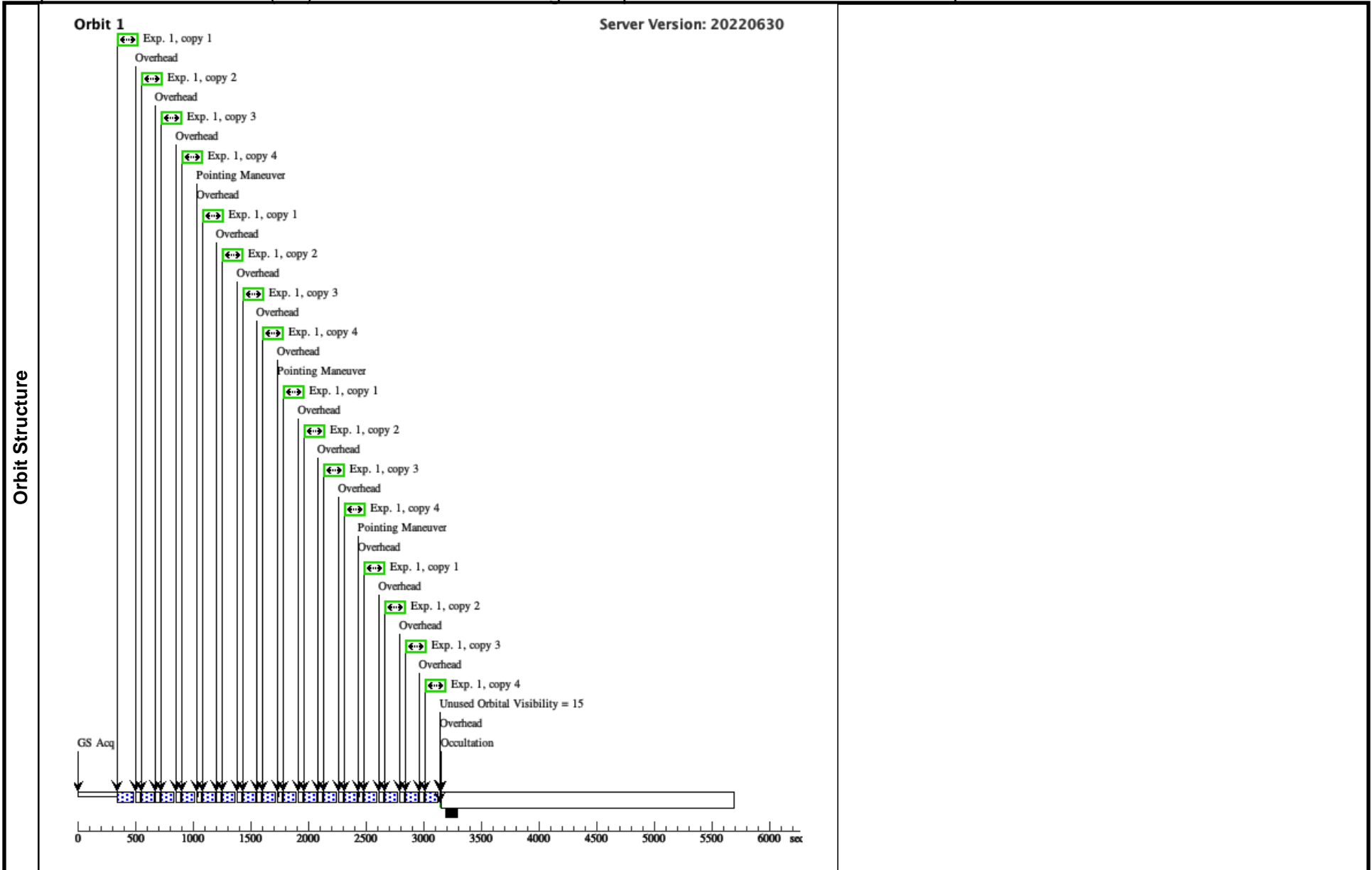
Visit	Proposal 16651, LkCa15 (G2), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; ORIENT 25D TO 35D FROM G1; AFTER G1 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(7)	EM-LKCA-15	RA: 04 39 17.8030 (69.8241792d) Dec: +22 21 3.12 (22.35087d) Equinox: J2000	Proper Motion RA: 7.547707194511572E-4 sec of time/yr Proper Motion Dec: -0.01738299999942683 arcsec/yr Epoch of Position: 2015.5	V=12.03	Reference Frame: SIMBAD				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 7)	(7) EM-LKCA-15	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in LkCa15 (G2) (1)	111 Secs X 4 (1776 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[1]



Proposal 16651 - LkCa15 (G3) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

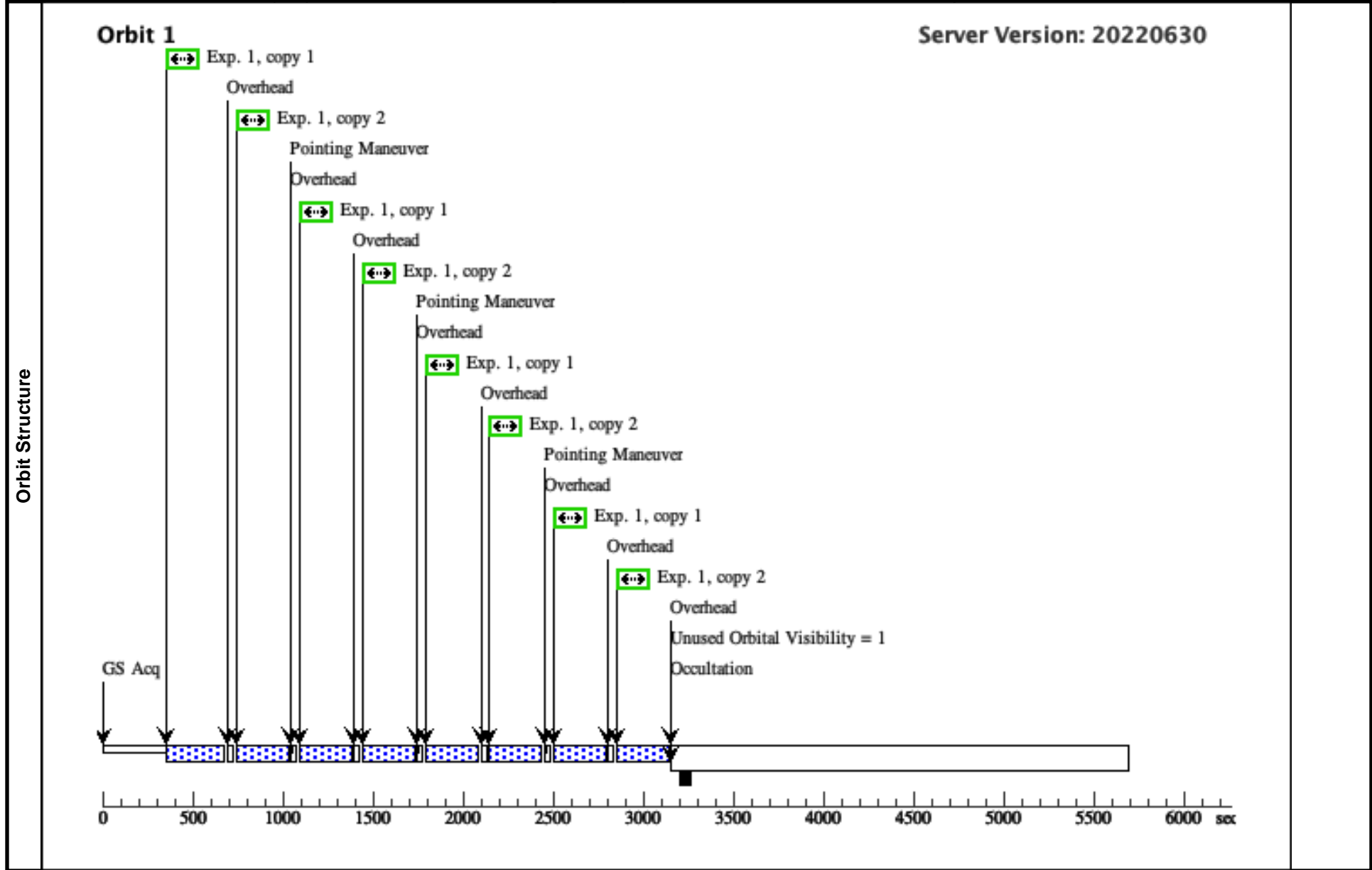
Visit	Proposal 16651, LkCa15 (G3), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SAME ORIENT AS G1; AFTER G2 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false		(1)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	EM-LKCA-15	RA: 04 39 17.8030 (69.8241792d) Dec: +22 21 3.12 (22.35087d) Equinox: J2000	Proper Motion RA: 7.547707194511572E-4 sec of time/yr Proper Motion Dec: -0.01738299999942683 arcsec/yr Epoch of Position: 2015.5	V=12.03	Reference Frame: SIMBAD				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 7)	(7) EM-LKCA-15	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20			Pattern 1, Exps 1-1 i n LkCa15 (G3) (1)	111 Secs X 4 (1776 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]



Proposal 16651 - AA Tau (H1) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

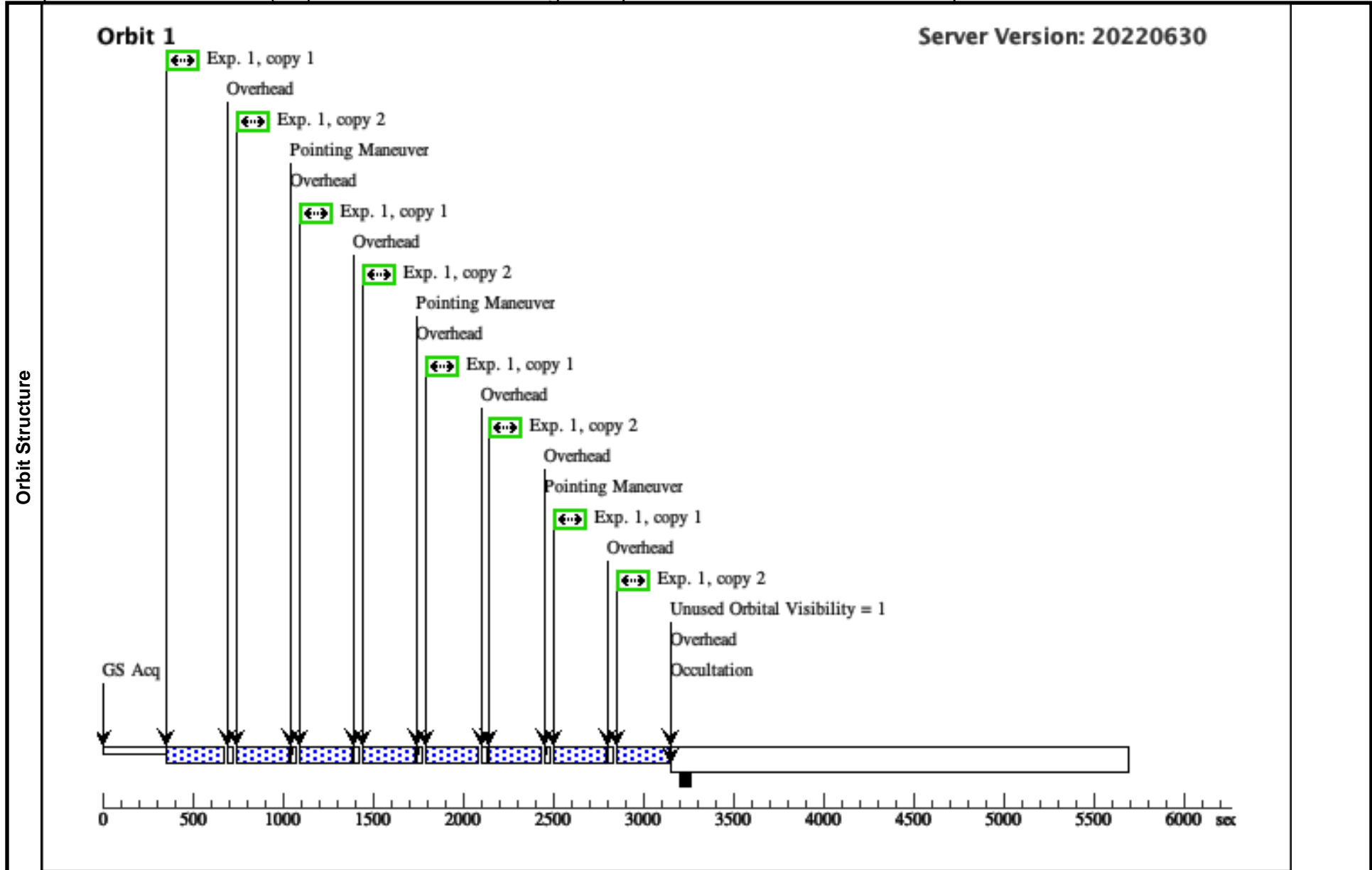
Visit	Proposal 16651, AA Tau (H1), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(11)	V-AA-TAU	RA: 04 34 55.4262 (68.7309425d) Dec: +24 28 52.71 (24.48131d) Equinox: J2000	Proper Motion RA: 3.8992202019119687E-4 sec of time/yr Proper Motion Dec: -0.020679999920503178 arcsec/yr Epoch of Position: 2015.5	V=12.2		Reference Frame: SIMBAD			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[PROTOPLANETARY DISK, T TAURI STAR]										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.1815920)	(11) V-AA-TAU	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20	GS ACQ SCENARI O BASE1BE	Pattern 1, Exps 1-1 in AA Tau (H1) (1)	291 Secs X 2 (2328 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)]	[1]



Proposal 16651 - AA Tau (H2) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

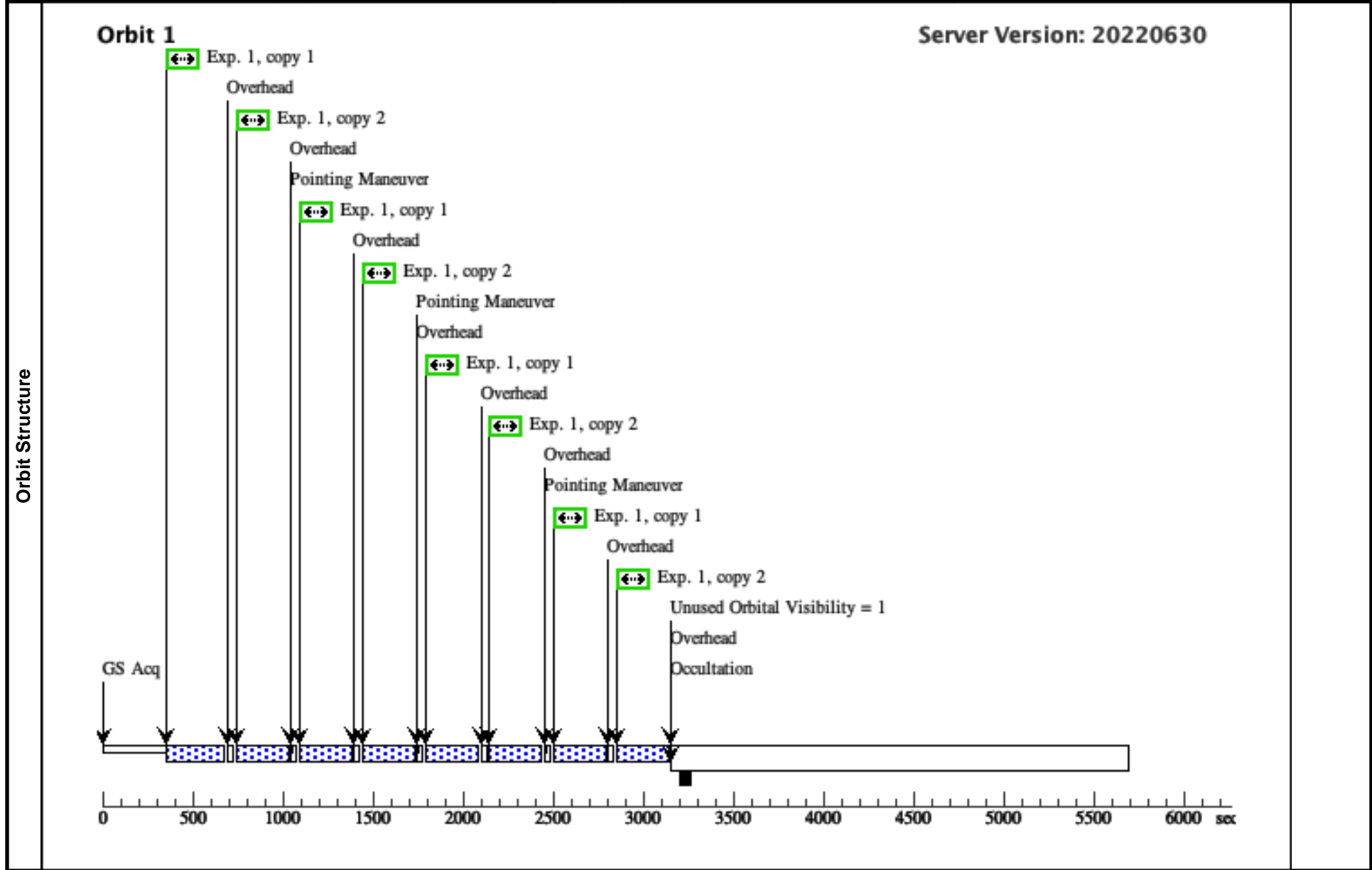
Visit	Proposal 16651, AA Tau (H2), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; ORIENT 25D TO 35D FROM H1; AFTER H1 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(11)	V-AA-TAU	RA: 04 34 55.4262 (68.7309425d) Dec: +24 28 52.71 (24.48131d) Equinox: J2000	Proper Motion RA: 3.8992202019119687E-4 sec of time/yr Proper Motion Dec: -0.020679999920503178 arcsec/yr Epoch of Position: 2015.5	V=12.2		Reference Frame: SIMBAD			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[PROTOPLANETARY DISK, T TAURI STAR]										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.1815920)	(11) V-AA-TAU	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20	GS ACQ SCENARI O BASE1BE	Pattern 1, Exps 1-1 in AA Tau (H2) (1)	291 Secs X 2 (2328 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)]	[1]



Proposal 16651 - AA Tau (H3) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

Visit	Proposal 16651, AA Tau (H3), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SAME ORIENT AS H1; AFTER H2 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(11)	V-AA-TAU	RA: 04 34 55.4262 (68.7309425d) Dec: +24 28 52.71 (24.48131d) Equinox: J2000	Proper Motion RA: 3.8992202019119687E-4 sec of time/yr Proper Motion Dec: -0.020679999920503178 arcsec/yr Epoch of Position: 2015.5	V=12.2		Reference Frame: SIMBAD			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[PROTOPLANETARY DISK, T TAURI STAR]										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.1815920)	(11) V-AA-TAU	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20	GS ACQ SCENARI O BASE1BE	Pattern 1, Exps 1-1 in AA Tau (H3) (1)	291 Secs X 2 (2328 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)]	[1]

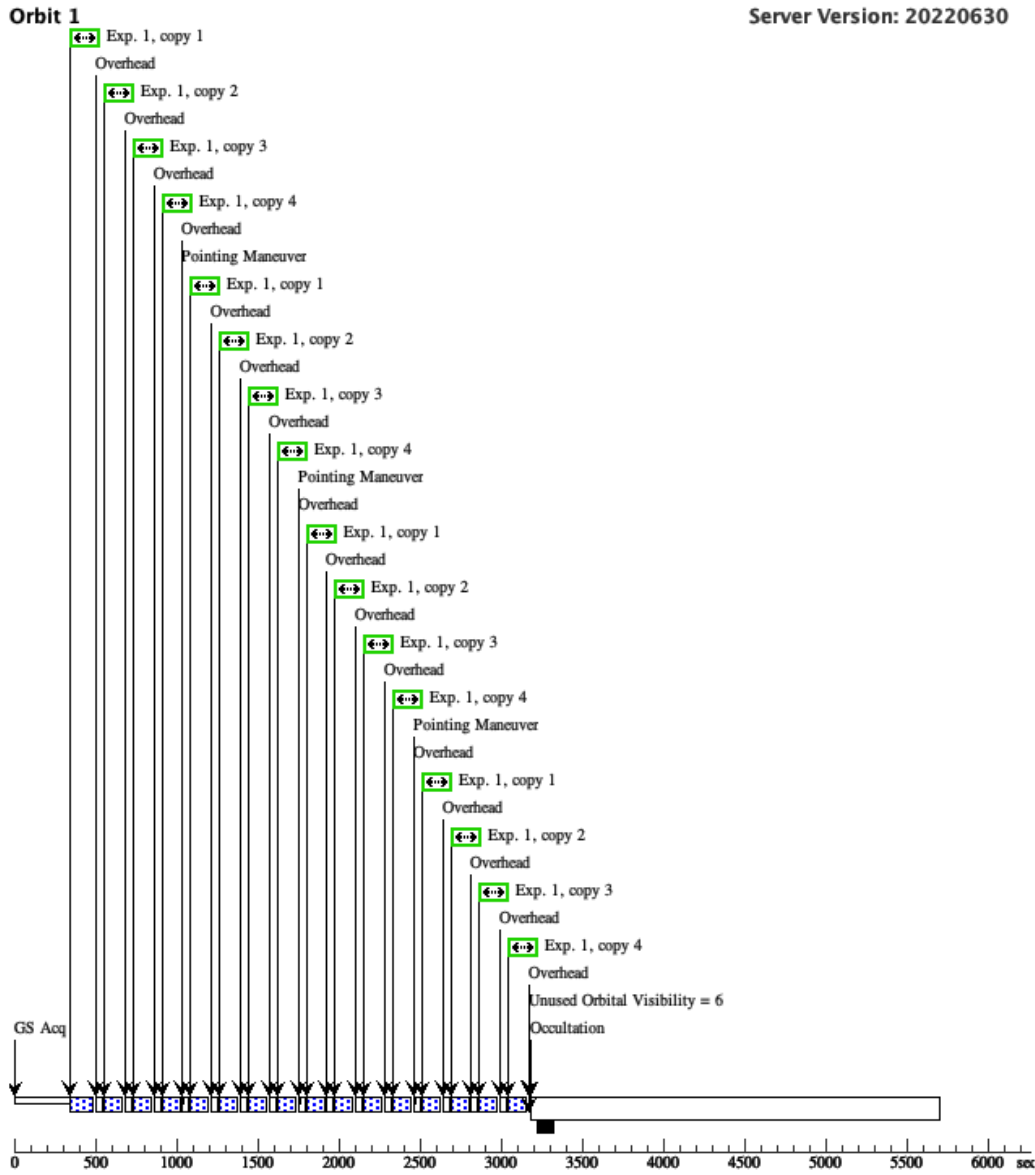


Proposal 16651 - GM Aur (I1) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

Visit	Proposal 16651, GM Aur (I1), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD									
	Patterns	# (1)	Primary Pattern Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false	Secondary Pattern	Exposures (1)				
Fixed Targets	# (9)	Name V-GM-AUR	Target Coordinates RA: 04 55 10.9860 (73.7957750d) Dec: +30 21 59.00 (30.36639d) Equinox: J2000	Targ. Coord. Corrections Proper Motion RA: 3.012635677084487E-4 sec of time/yr Proper Motion Dec: -0.02445099994474731 arcsec/yr Epoch of Position: 2015.5	Fluxes V=12.242	Miscellaneous Reference Frame: SIMBAD				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO										
Exposures	# 1	Label (ETC Run) (WFC3UVI S.im.152458 9)	Target (9) V-GM-AUR	Config,Mode,Aperture WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	Spectral Els. F656N	Opt. Params. FLASH=20	Special Reqs.	Groups Pattern 1, Exps 1-1 i n GM Aur (I1) (1)	Exp. Time (Total)/[Actual Dur.] 113 Secs X 4 (1808 Secs)	Orbit [1]
[==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)]										

Orbit Structure

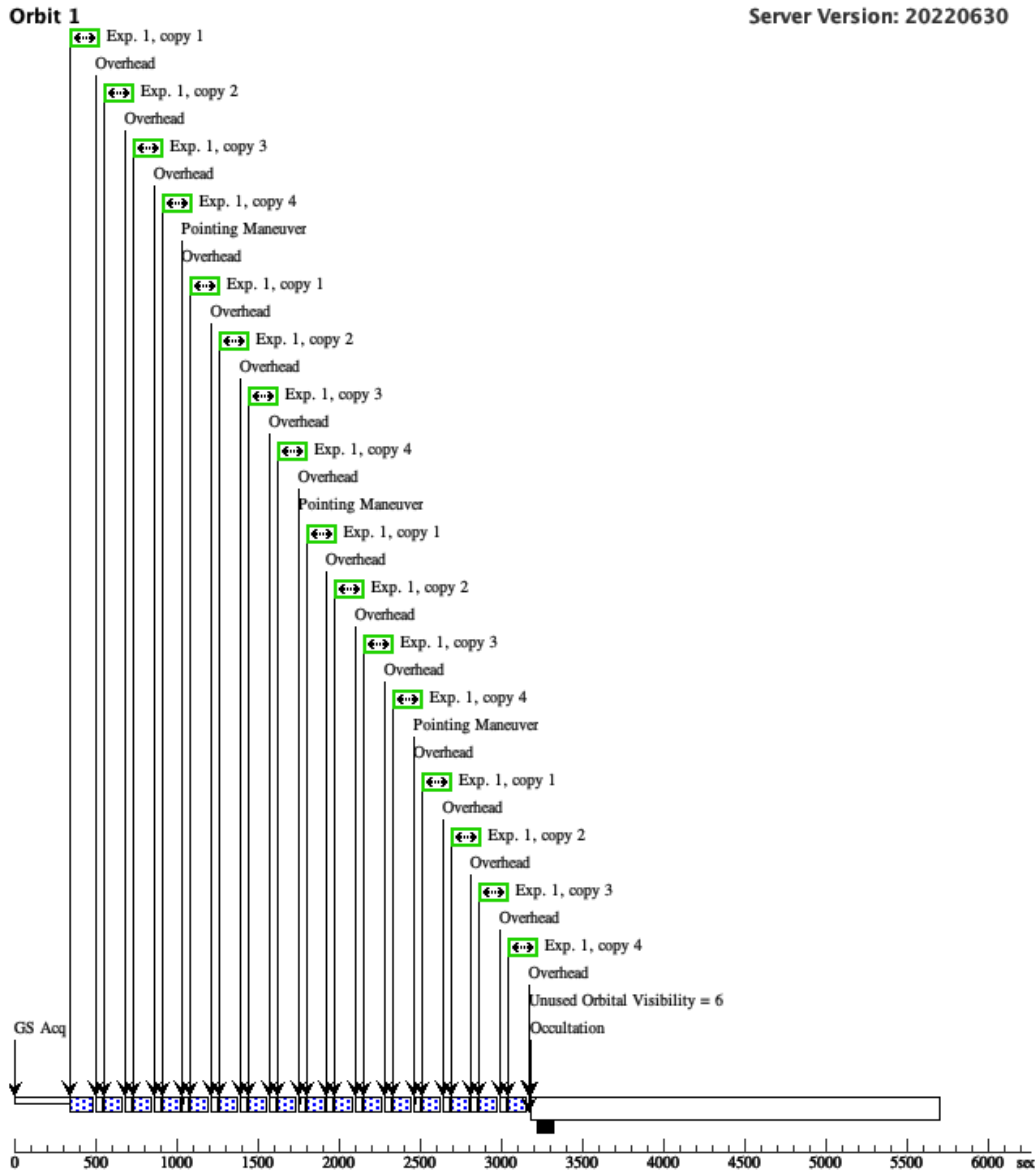


Proposal 16651 - GM Aur (I2) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

Visit	Proposal 16651, GM Aur (I2), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; ORIENT 25D TO 35D FROM I1; AFTER I1 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false		(1)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	V-GM-AUR	RA: 04 55 10.9860 (73.7957750d) Dec: +30 21 59.00 (30.36639d) Equinox: J2000	Proper Motion RA: 3.012635677084487E-4 sec of time/yr Proper Motion Dec: -0.02445099994474731 arcsec/yr Epoch of Position: 2015.5	V=12.242	Reference Frame: SIMBAD				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 9)	(9) V-GM-AUR	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in GM Aur (I2) (1)	113 Secs X 4 (1808 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[1]

Orbit Structure

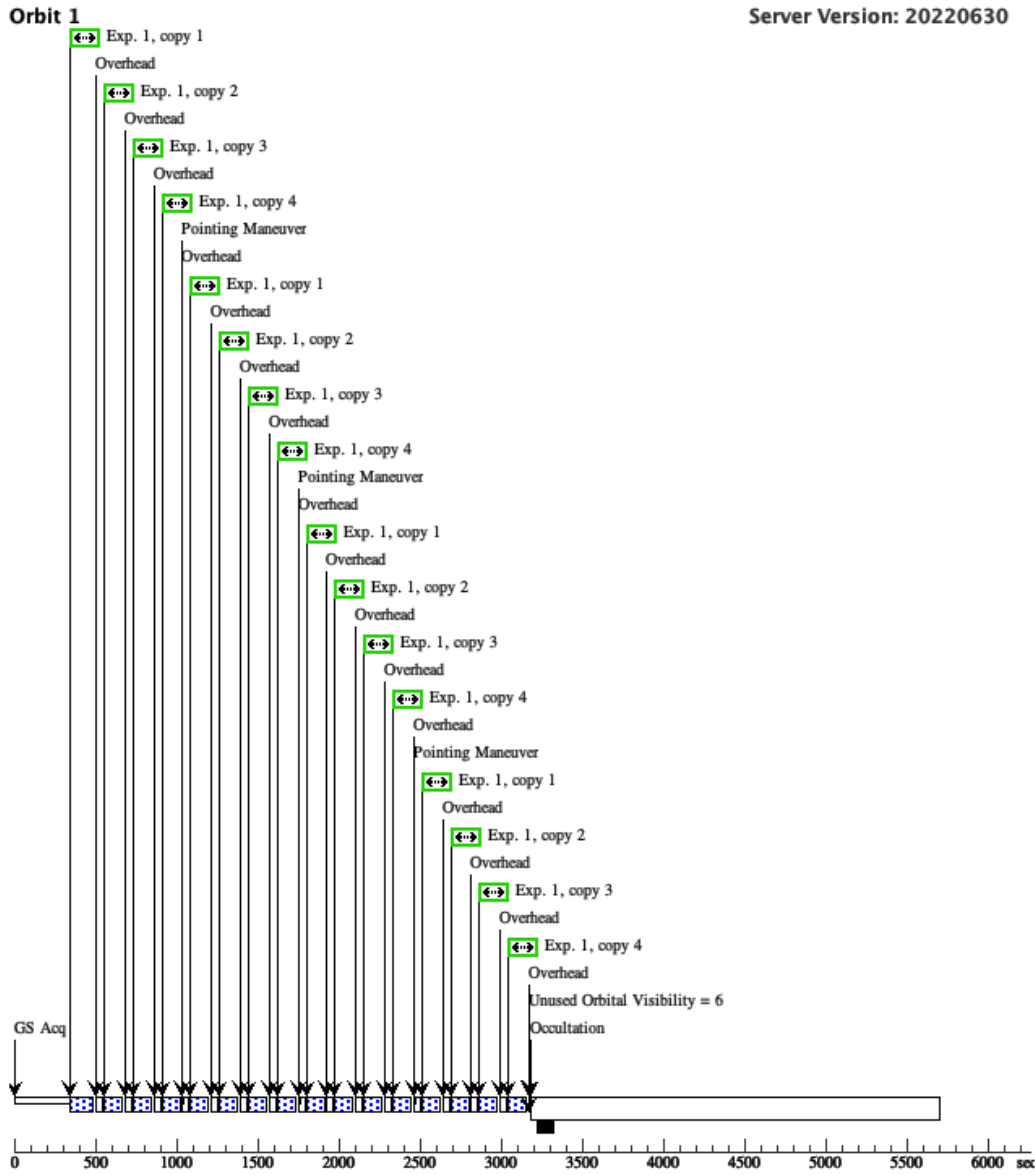


Proposal 16651 - GM Aur (I3) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

Visit	Proposal 16651, GM Aur (I3), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SAME ORIENT AS I1; AFTER I2 BY 0.5 Orbits TO 1.5 Orbits									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(9)	V-GM-AUR	RA: 04 55 10.9860 (73.7957750d) Dec: +30 21 59.00 (30.36639d) Equinox: J2000	Proper Motion RA: 3.012635677084487E-4 sec of time/yr Proper Motion Dec: -0.02445099994474731 arcsec/yr Epoch of Position: 2015.5		V=12.242	Reference Frame: SIMBAD			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[K V-IV, T TAURI STAR, YSO] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(WFC3UVI S.im.152458 9)	(9) V-GM-AUR	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=20		Pattern 1, Exps 1-1 in GM Aur (I3) (1)	113 Secs X 4 (1808 Secs) [=>(Pattern 1, Copy 1)] [=>(Pattern 1, Copy 2)] [=>(Pattern 1, Copy 3)] [=>(Pattern 1, Copy 4)] [=>(Pattern 2, Copy 1)] [=>(Pattern 2, Copy 2)] [=>(Pattern 2, Copy 3)] [=>(Pattern 2, Copy 4)] [=>(Pattern 3, Copy 1)] [=>(Pattern 3, Copy 2)] [=>(Pattern 3, Copy 3)] [=>(Pattern 3, Copy 4)] [=>(Pattern 4, Copy 1)] [=>(Pattern 4, Copy 2)] [=>(Pattern 4, Copy 3)] [=>(Pattern 4, Copy 4)]	[1]

Orbit Structure



Proposal 16651 - AB Aur (J1) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

Visit	Proposal 16651, AB Aur (J1), failed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD					
	(Exposure 1 (Pattern 1, Exps 1-1 in AB Aur (J1))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Diagnosics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false		(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	V-AB-AUR	RA: 04 55 45.8507 (73.9410446d) Dec: +30 33 3.92 (30.55109d) Equinox: J2000	Proper Motion RA: 3.0392539212779906E-4 sec of time/yr Proper Motion Dec: -0.0241120000509909 arcsec/yr Epoch of Position: 2015.5	V=7.05	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[HERBIG AE/BE, YSO] Extended=NO						

Proposal 16651 - AB Aur (J1) - A Search for Accreting Protoplanets within Transition Disk Gaps

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures									

Proposal 16651 - AB Aur (J1) - A Search for Accreting Protoplanets within Transition Disk Gaps

1	(WFC3UVI (10) V-AB-AUR S.im.152459 0)	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=12	Pattern 1, Exps 1-1 i n AB Aur (J1) (1)	2.7 Secs X 11 (118.8 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 1, Copy 5)] [==>(Pattern 1, Copy 6)] [==>(Pattern 1, Copy 7)] [==>(Pattern 1, Copy 8)] [==>(Pattern 1, Copy 9)] [==>(Pattern 1, Copy 10)] [==>(Pattern 1, Copy 11)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 2, Copy 5)] [==>(Pattern 2, Copy 6)] [==>(Pattern 2, Copy 7)] [==>(Pattern 2, Copy 8)] [==>(Pattern 2, Copy 9)] [==>(Pattern 2, Copy 10)] [==>(Pattern 2, Copy 11)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 3, Copy 5)] [==>(Pattern 3, Copy 6)] [==>(Pattern 3, Copy 7)] [==>(Pattern 3, Copy 8)] [==>(Pattern 3, Copy 9)] [==>(Pattern 3, Copy 10)] [==>(Pattern 3, Copy 11)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)] [==>(Pattern 4, Copy 5)] [==>(Pattern 4, Copy 6)] [==>(Pattern 4, Copy 7)] [==>(Pattern 4, Copy 8)] [==>(Pattern 4, Copy 9)] [==>(Pattern 4, Copy 10)] [==>(Pattern 4, Copy 11)]	[1]
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Proposal 16651 - AB Aur (Z1) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

Visit	Proposal 16651, AB Aur (Z1), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; ORIENT 296.3D TO 359.9 D; ORIENT 0D TO 246.3 D <i>Comments: This is a HOPR repeat of failed visit J1</i>					
	(Exposure 1 (Pattern 1, Exps 1-1 in AB Aur (Z1))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Diagnosics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false		(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	V-AB-AUR	RA: 04 55 45.8507 (73.9410446d) Dec: +30 33 3.92 (30.55109d) Equinox: J2000	Proper Motion RA: 3.0392539212779906E-4 sec of time/yr Proper Motion Dec: -0.0241120000509909 arcsec/yr Epoch of Position: 2015.5	V=7.05	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=EXT-STAR Description=[HERBIG AE/BE, YSO] Extended=NO						

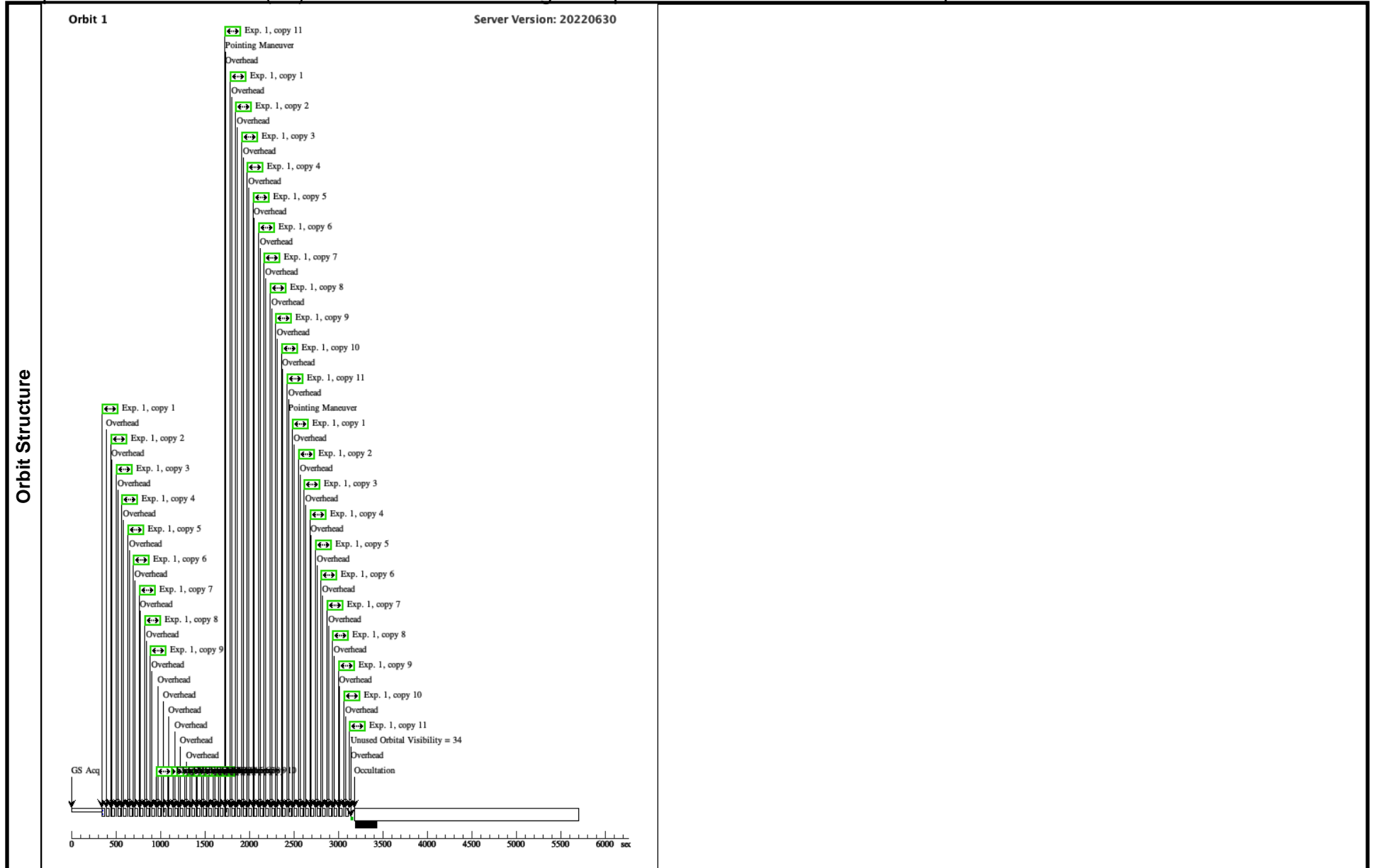
Proposal 16651 - AB Aur (Z1) - A Search for Accreting Protoplanets within Transition Disk Gaps

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures									

Proposal 16651 - AB Aur (Z1) - A Search for Accreting Protoplanets within Transition Disk Gaps

1	(WFC3UVI (10) V-AB-AUR S.im.152459 0)	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=12	Pattern 1, Exps 1-1 i n AB Aur (Z1) (1)	2.7 Secs X 11 (118.8 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 1, Copy 5)] [==>(Pattern 1, Copy 6)] [==>(Pattern 1, Copy 7)] [==>(Pattern 1, Copy 8)] [==>(Pattern 1, Copy 9)] [==>(Pattern 1, Copy 10)] [==>(Pattern 1, Copy 11)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 2, Copy 5)] [==>(Pattern 2, Copy 6)] [==>(Pattern 2, Copy 7)] [==>(Pattern 2, Copy 8)] [==>(Pattern 2, Copy 9)] [==>(Pattern 2, Copy 10)] [==>(Pattern 2, Copy 11)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 3, Copy 5)] [==>(Pattern 3, Copy 6)] [==>(Pattern 3, Copy 7)] [==>(Pattern 3, Copy 8)] [==>(Pattern 3, Copy 9)] [==>(Pattern 3, Copy 10)] [==>(Pattern 3, Copy 11)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)] [==>(Pattern 4, Copy 5)] [==>(Pattern 4, Copy 6)] [==>(Pattern 4, Copy 7)] [==>(Pattern 4, Copy 8)] [==>(Pattern 4, Copy 9)] [==>(Pattern 4, Copy 10)] [==>(Pattern 4, Copy 11)]	[1]
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Proposal 16651 - AB Aur (Z1) - A Search for Accreting Protoplanets within Transition Disk Gaps



Proposal 16651 - AB Aur (J2) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

Visit	Proposal 16651, AB Aur (J2), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; ORIENT 25D TO 35D FROM J1; AFTER J1 BY 0.5 Orbits TO 1.5 Orbits					
	(Exposure 1 (Pattern 1, Exps 1-1 in AB Aur (J2))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Diagnosics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false	(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	V-AB-AUR	RA: 04 55 45.8507 (73.9410446d) Dec: +30 33 3.92 (30.55109d) Equinox: J2000	Proper Motion RA: 3.0392539212779906E-4 sec of time/yr Proper Motion Dec: -0.0241120000509909 arcsec/yr Epoch of Position: 2015.5	V=7.05	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[HERBIG AE/BE, YSO] Extended=NO						

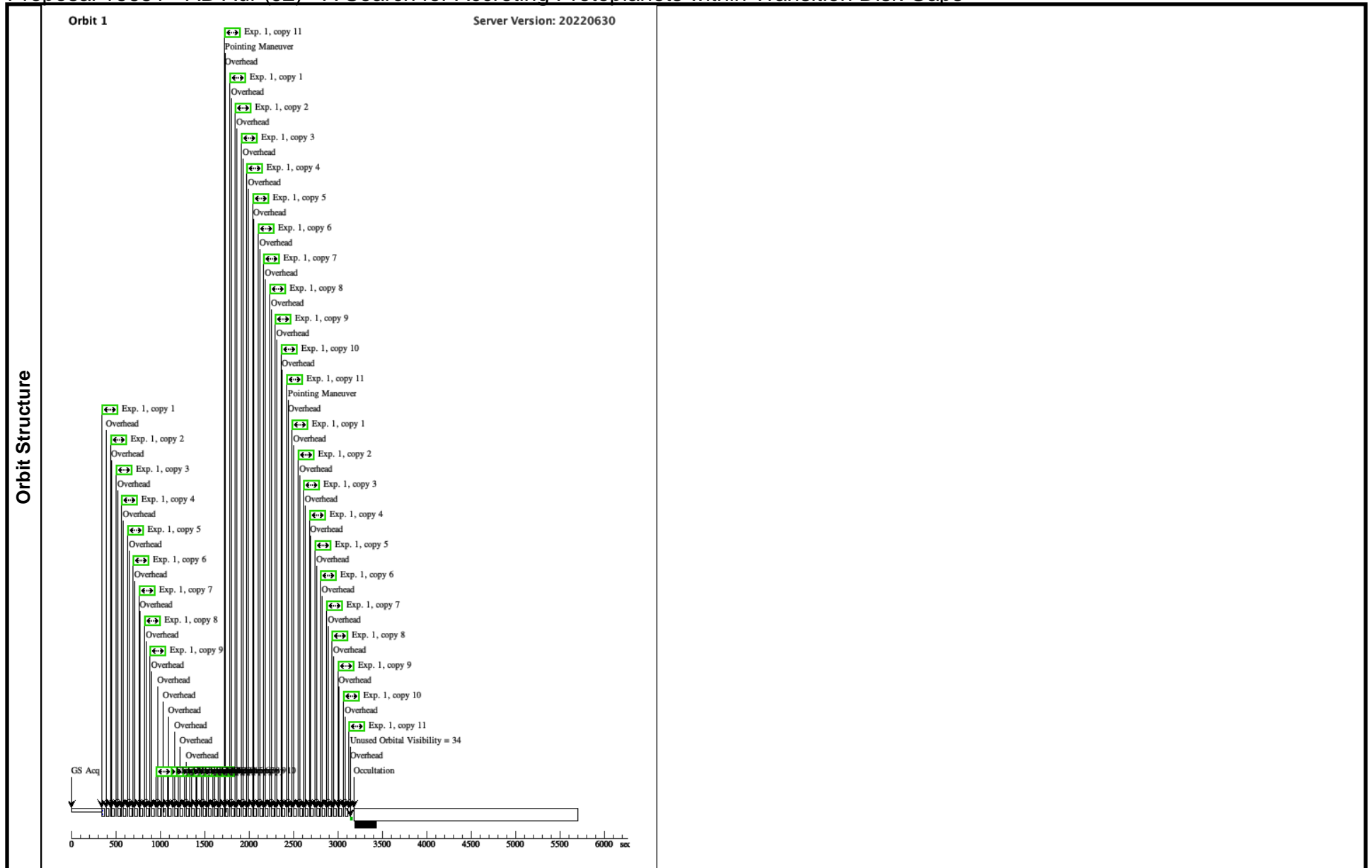
Proposal 16651 - AB Aur (J2) - A Search for Accreting Protoplanets within Transition Disk Gaps

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures									

Proposal 16651 - AB Aur (J2) - A Search for Accreting Protoplanets within Transition Disk Gaps

1	(WFC3UVI (10) V-AB-AUR S.im.152459 0)	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=12	Pattern 1, Exps 1-1 i n AB Aur (J2) (1)	2.7 Secs X 11 (118.8 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 1, Copy 5)] [==>(Pattern 1, Copy 6)] [==>(Pattern 1, Copy 7)] [==>(Pattern 1, Copy 8)] [==>(Pattern 1, Copy 9)] [==>(Pattern 1, Copy 10)] [==>(Pattern 1, Copy 11)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 2, Copy 5)] [==>(Pattern 2, Copy 6)] [==>(Pattern 2, Copy 7)] [==>(Pattern 2, Copy 8)] [==>(Pattern 2, Copy 9)] [==>(Pattern 2, Copy 10)] [==>(Pattern 2, Copy 11)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 3, Copy 5)] [==>(Pattern 3, Copy 6)] [==>(Pattern 3, Copy 7)] [==>(Pattern 3, Copy 8)] [==>(Pattern 3, Copy 9)] [==>(Pattern 3, Copy 10)] [==>(Pattern 3, Copy 11)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)] [==>(Pattern 4, Copy 5)] [==>(Pattern 4, Copy 6)] [==>(Pattern 4, Copy 7)] [==>(Pattern 4, Copy 8)] [==>(Pattern 4, Copy 9)] [==>(Pattern 4, Copy 10)] [==>(Pattern 4, Copy 11)]	[1]
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Proposal 16651 - AB Aur (J2) - A Search for Accreting Protoplanets within Transition Disk Gaps



Proposal 16651 - AB Aur (J3) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:07 GMT 2022

Visit	Proposal 16651, AB Aur (J3), failed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SAME ORIENT AS J1; AFTER J2 BY 0.5 Orbits TO 1.5 Orbits					
	(Exposure 1 (Pattern 1, Exps 1-1 in AB Aur (J3))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Diagnosics						
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false	(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	V-AB-AUR	RA: 04 55 45.8507 (73.9410446d) Dec: +30 33 3.92 (30.55109d) Equinox: J2000	Proper Motion RA: 3.0392539212779906E-4 sec of time/yr Proper Motion Dec: -0.0241120000509909 arcsec/yr Epoch of Position: 2015.5	V=7.05	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=EXT-STAR Description=[HERBIG AE/BE, YSO] Extended=NO						

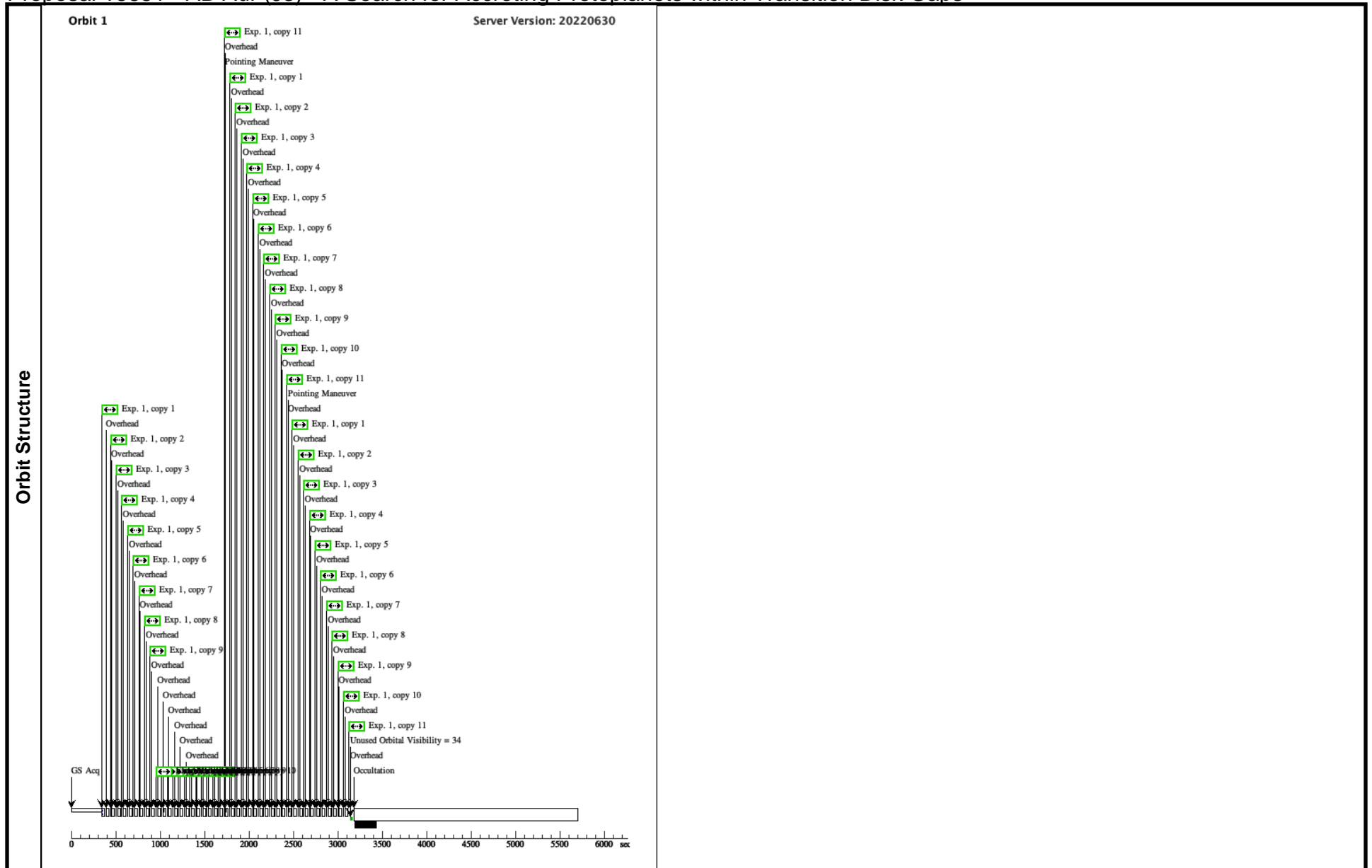
Proposal 16651 - AB Aur (J3) - A Search for Accreting Protoplanets within Transition Disk Gaps

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures									

Proposal 16651 - AB Aur (J3) - A Search for Accreting Protoplanets within Transition Disk Gaps

1	(WFC3UVI (10) V-AB-AUR S.im.152459 0)	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=12	Pattern 1, Exps 1-1 i n AB Aur (J3) (1)	2.7 Secs X 11 (118.8 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 1, Copy 5)] [==>(Pattern 1, Copy 6)] [==>(Pattern 1, Copy 7)] [==>(Pattern 1, Copy 8)] [==>(Pattern 1, Copy 9)] [==>(Pattern 1, Copy 10)] [==>(Pattern 1, Copy 11)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 2, Copy 5)] [==>(Pattern 2, Copy 6)] [==>(Pattern 2, Copy 7)] [==>(Pattern 2, Copy 8)] [==>(Pattern 2, Copy 9)] [==>(Pattern 2, Copy 10)] [==>(Pattern 2, Copy 11)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 3, Copy 5)] [==>(Pattern 3, Copy 6)] [==>(Pattern 3, Copy 7)] [==>(Pattern 3, Copy 8)] [==>(Pattern 3, Copy 9)] [==>(Pattern 3, Copy 10)] [==>(Pattern 3, Copy 11)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)] [==>(Pattern 4, Copy 5)] [==>(Pattern 4, Copy 6)] [==>(Pattern 4, Copy 7)] [==>(Pattern 4, Copy 8)] [==>(Pattern 4, Copy 9)] [==>(Pattern 4, Copy 10)] [==>(Pattern 4, Copy 11)]	[1]
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Proposal 16651 - AB Aur (J3) - A Search for Accreting Protoplanets within Transition Disk Gaps



Proposal 16651 - AB Aur (Z3) - A Search for Accreting Protoplanets within Transition Disk Gaps

Tue Oct 25 18:01:08 GMT 2022

Visit	Proposal 16651, AB Aur (Z3), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; ORIENT 296.3D TO 359.9 D; ORIENT 0D TO 246.3 D; AFTER Z1 BY 0.5 Orbits TO 1.5 Orbits <i>Comments: This is a HOPR repeat of failed visit J3</i>					
	Diagnosics (Exposure 1 (Pattern 1, Exps 1-1 in AB Aur (Z3))) 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=BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.02 Line Spacing=0.02	Coordinate Frame=POS-TARG Pattern Orientation=0 Angle Between Sides=90 Center Pattern=false		(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	V-AB-AUR	RA: 04 55 45.8507 (73.9410446d) Dec: +30 33 3.92 (30.55109d) Equinox: J2000	Proper Motion RA: 3.0392539212779906E-4 sec of time/yr Proper Motion Dec: -0.0241120000509909 arcsec/yr Epoch of Position: 2015.5	V=7.05	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=EXT-STAR Description=[HERBIG AE/BE, YSO] Extended=NO						

Proposal 16651 - AB Aur (Z3) - A Search for Accreting Protoplanets within Transition Disk Gaps

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures									

Proposal 16651 - AB Aur (Z3) - A Search for Accreting Protoplanets within Transition Disk Gaps

1	(WFC3UVI (10) V-AB-AUR S.im.152459 0)	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F656N	FLASH=12	Pattern 1, Exps 1-1 i n AB Aur (Z3) (1)	2.7 Secs X 11 (118.8 Secs) [==>(Pattern 1, Copy 1)] [==>(Pattern 1, Copy 2)] [==>(Pattern 1, Copy 3)] [==>(Pattern 1, Copy 4)] [==>(Pattern 1, Copy 5)] [==>(Pattern 1, Copy 6)] [==>(Pattern 1, Copy 7)] [==>(Pattern 1, Copy 8)] [==>(Pattern 1, Copy 9)] [==>(Pattern 1, Copy 10)] [==>(Pattern 1, Copy 11)] [==>(Pattern 2, Copy 1)] [==>(Pattern 2, Copy 2)] [==>(Pattern 2, Copy 3)] [==>(Pattern 2, Copy 4)] [==>(Pattern 2, Copy 5)] [==>(Pattern 2, Copy 6)] [==>(Pattern 2, Copy 7)] [==>(Pattern 2, Copy 8)] [==>(Pattern 2, Copy 9)] [==>(Pattern 2, Copy 10)] [==>(Pattern 2, Copy 11)] [==>(Pattern 3, Copy 1)] [==>(Pattern 3, Copy 2)] [==>(Pattern 3, Copy 3)] [==>(Pattern 3, Copy 4)] [==>(Pattern 3, Copy 5)] [==>(Pattern 3, Copy 6)] [==>(Pattern 3, Copy 7)] [==>(Pattern 3, Copy 8)] [==>(Pattern 3, Copy 9)] [==>(Pattern 3, Copy 10)] [==>(Pattern 3, Copy 11)] [==>(Pattern 4, Copy 1)] [==>(Pattern 4, Copy 2)] [==>(Pattern 4, Copy 3)] [==>(Pattern 4, Copy 4)] [==>(Pattern 4, Copy 5)] [==>(Pattern 4, Copy 6)] [==>(Pattern 4, Copy 7)] [==>(Pattern 4, Copy 8)] [==>(Pattern 4, Copy 9)] [==>(Pattern 4, Copy 10)] [==>(Pattern 4, Copy 11)]	[1]
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Proposal 16651 - AB Aur (Z3) - A Search for Accreting Protoplanets within Transition Disk Gaps

