



15218 - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nine Systems

Cycle: 25, Proposal Category: GO

(Availability Mode: AVAILABLE)

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VISITS

Proposal 15218 (STScI Edit Number: 10, Created: Monday, March 11, 2019 at 6:02:20 AM Eastern Standard Time) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
11	(1) TWA-7	STIS/CCD	1	11-Mar-2019 07:00:34.0	yes
12	(1) TWA-7	STIS/CCD	1	11-Mar-2019 07:00:36.0	yes
13	(10) PSF-TWA-7--CD-35D6480	STIS/CCD	1	11-Mar-2019 07:00:37.0	yes
14	(1) TWA-7	STIS/CCD	1	11-Mar-2019 07:00:38.0	yes
21	(2) TWA-25	STIS/CCD	1	11-Mar-2019 07:00:39.0	yes
22	(2) TWA-25	STIS/CCD	1	11-Mar-2019 07:00:39.0	yes
23	(2) TWA-25	STIS/CCD	1	11-Mar-2019 07:00:40.0	yes
24	(2) TWA-25	STIS/CCD	1	11-Mar-2019 07:00:41.0	yes
25	(11) PSF-TWA-25--LHS-2509	STIS/CCD	1	11-Mar-2019 07:00:42.0	yes
26	(2) TWA-25	STIS/CCD	1	11-Mar-2019 07:00:42.0	yes
27	(2) TWA-25	STIS/CCD	1	11-Mar-2019 07:00:43.0	yes
31	(3) HD-35650	STIS/CCD	1	11-Mar-2019 07:00:44.0	yes
32	(3) HD-35650	STIS/CCD	1	11-Mar-2019 07:00:45.0	yes
33	(12) PSF-HD-35650--HD-39520	STIS/CCD	1	11-Mar-2019 07:00:46.0	yes
34	(3) HD-35650	STIS/CCD	1	11-Mar-2019 07:00:48.0	yes
41	(4) HD-377	STIS/CCD	1	11-Mar-2019 07:00:50.0	yes
42	(4) HD-377	STIS/CCD	1	11-Mar-2019 07:00:52.0	yes
43	(13) PSF-HD-377--HD-2004	STIS/CCD	1	11-Mar-2019 07:00:54.0	yes
44	(4) HD-377	STIS/CCD	1	11-Mar-2019 07:00:56.0	yes
45	(13) PSF-HD-377--HD-2004	STIS/CCD	1	11-Mar-2019 07:00:58.0	yes
46	(4) HD-377	STIS/CCD	1	11-Mar-2019 07:01:00.0	yes
51	(5) HD-104860	STIS/CCD	1	11-Mar-2019 07:01:02.0	yes
52	(5) HD-104860	STIS/CCD	1	11-Mar-2019 07:01:05.0	yes
53	(14) PSF-HD-104860--HD-103539	STIS/CCD	1	11-Mar-2019 07:01:07.0	yes
54	(5) HD-104860	STIS/CCD	1	11-Mar-2019 07:01:09.0	yes

Proposal 15218 (STScI Edit Number: 10, Created: Monday, March 11, 2019 at 6:02:20 AM Eastern Standard Time) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
61	(6) HD-192758	STIS/CCD	1	11-Mar-2019 07:01:12.0	yes
62	(6) HD-192758	STIS/CCD	1	11-Mar-2019 07:01:15.0	yes
63	(15) PSF-HD-192758--HD-193716	STIS/CCD	1	11-Mar-2019 07:01:18.0	yes
64	(6) HD-192758	STIS/CCD	1	11-Mar-2019 07:01:21.0	yes
65	(15) PSF-HD-192758--HD-193716	STIS/CCD	1	11-Mar-2019 07:01:24.0	yes
66	(6) HD-192758	STIS/CCD	1	11-Mar-2019 07:01:27.0	yes
71	(7) HD-110058	STIS/CCD	1	11-Mar-2019 07:01:31.0	yes
72	(7) HD-110058	STIS/CCD	1	11-Mar-2019 07:01:33.0	yes
73	(16) PSF-HD-110058--HD-107800	STIS/CCD	1	11-Mar-2019 07:01:36.0	yes
74	(7) HD-110058	STIS/CCD	1	11-Mar-2019 07:01:39.0	yes
75	(7) HD-110058	STIS/CCD	1	11-Mar-2019 07:01:42.0	yes
76	(7) HD-110058	STIS/CCD	1	11-Mar-2019 07:01:45.0	yes
77	(16) PSF-HD-110058--HD-107800	STIS/CCD	1	11-Mar-2019 07:01:48.0	yes
78	(7) HD-110058	STIS/CCD	1	11-Mar-2019 07:01:51.0	yes
81	(8) 49-CETI	STIS/CCD	1	11-Mar-2019 07:01:54.0	yes
82	(8) 49-CETI	STIS/CCD	1	11-Mar-2019 07:01:59.0	yes
83	(17) PSF-49-CETI--28-CETI	STIS/CCD	1	11-Mar-2019 07:02:03.0	yes
84	(8) 49-CETI	STIS/CCD	1	11-Mar-2019 07:02:07.0	yes
91	(9) HD-131835	STIS/CCD	1	11-Mar-2019 07:02:11.0	yes
92	(9) HD-131835	STIS/CCD	1	11-Mar-2019 07:02:13.0	yes
93	(18) PSF-HD-131835--HD-130388	STIS/CCD	1	11-Mar-2019 07:02:16.0	yes
94	(9) HD-131835	STIS/CCD	1	11-Mar-2019 07:02:18.0	yes

47 Total Orbits Used

ABSTRACT

We propose STIS coronagraphy of 9 debris disks recently seen in the near-infrared from our re-analysis of archival NICMOS data. STIS coronagraphy will provide complementary visible-light images that will let us characterize the disk colors needed to place constraints on dust grain sizes, albedos, and anisotropy of scattering of these disks. With 3 times finer angular resolution and much better sensitivity, our STIS images will dramatically surpass the NICMOS discovery images, and will more clearly reveal disk local structures, cleared inner regions, and test for large-scale asymmetries in the dust distributions possibly triggered by associated planets in these systems. The exquisite sensitivity to visible-light scattering by submicron particles uniquely offered by STIS coronagraphy will let us detect and spatially characterize the diffuse halo of dust blown out of the systems by the host star radiative pressure. Our sample includes disks around 3 low-mass stars, 3 solar-type stars, and 3 massive A stars; together with our STIS+NICMOS imaging of 6 additional disks around F and G stars, our sample covers the full range of spectral types and will let us perform a comparative study of dust distribution properties as a function of stellar mass and luminosity. Our sample makes up more than 1/3 of all debris disks imaged in scattered light to date, and will offer the first homogeneous characterization of the visible-light to near-IR properties of debris disk systems over a large range of spectral types. Our program will let us analyze how the dynamical balance is affected by initial conditions and star properties, and how it may be perturbed by gas drag or planet perturbations.

OBSERVING DESCRIPTION

GO 15218:

We obtained 39 orbits to perform STIS coronagraphic imaging of 9 debris disks. We will observe each target at three different orientations ($\pm 22.5^\circ$ from an absolute nominal orientation) to maximize azimuthal coverage of the disk, and we will observe a reference star for PSF subtraction at post-processing. This 3 roll + 1 PSF follows established best practice for STIS coronagraphy (see details below).

For each visit, after a target acquisition to center the star on the coronagraph, we will acquire a series of short exposures on a small aperture mask position (BAR5 or WEDGEA0.6), followed by deeper exposures on a larger aperture mask (WEDGEB1.0 or WEDGEA1.0). We discuss the orientations and mask choice below.

1/ VISIT STRUCTURE AND LINKAGE:

For each science target, we will have three science visits plus one PSF visit.

Eight of our science target will have one orbit per visit, while TWA 25 will have 2 orbits per visit. We will re-do a target acq at the beginning of the second orbits to ensure that the star will stay on the mask at the same precision as the reference star.

Each of our reference star has one orbit per visit.

For each science target, the 4 visits (3 science + 1 PSF) are linked to execute in back-to-back orbits with Timing Requirements. The PSF visit to the reference star is ordered between two science visits to minimize PSF variations between the visits to the reference and the science target. We choose the order: science-science-PSF-science to have the PSF visit matching the most focus-stabilized orbits.

For clarity, we number our visit with the first digit referencing the index of the science target, and the second digit referring to the index of the visit within the (3 science +1 PSF) sequence, e.g. visit 43 is the 3rd visit (PSF visit) to the 4th science target (HD 377).

2/ORIENTATION CONSTRAINTS:

The nominal strategy is to put absolute orient constraints ($\pm 5D$) for the second science visit, then relative orient constraints of $+22.5D$ and $-22.5D$ from this visit for the first and third science visit ($\pm 2.5D$). Approximately 20 degrees corresponds to half the angle between the diffraction spikes and the wedge occulters, thereby minimizing the field area obscured when combining all three rolls. The $\pm 2.5D$ tolerance for the relative ORIENT constraint can be relaxed a bit if necessary to ease scheduling.

For the edge-on disks (TWA 25, HD 35650, HD 377, HD 110058), the absolute constraints for the second science visit place the disk's major axis perpendicular to the selected small aperture mask, and are provided modulo 180D (by providing two ORIENT range constraints). We do not have a preference between the two provided orient ranges.

For the inclined disks (HD 104860, HD 192758, 49 Ceti, HD 131835), the absolute constraint for the second science visit also places the disk's major axis perpendicular to the small aperture mask, but we have a strong preference on the absolute orient choice. We also provide the modulo 180D orient range, but we specify the best orient in the visit description (visits 52, 62, 82, 92).

TWA 7 disk is almost face-on and would in theory need only relative constraints. However, there is a background star at $SEP=4''$ $PA=109D$, we will thus use absolute orient constraints to place it behind the mask at visit #2 with absolute constraints.

The middles of the provided ORIENT ranges are always preferred (both for the absolute and the relative constraints).

3/ SCHEDULABILITY:

We adjusted the schedulability of two targets (HD 35650 and HD 377) to be schedulable within these constraints. If needed we can further adjust a bit the integration times to help with scheduling, if relaxing the ORIENT constraints is not enough.

4/ GUIDE STARS:

We require pointing and roll control with 2-FGS guiding. Single-FGS guiding does not offer sufficient target position stability for coronagraphy.

5/ EXPOSURE LAYOUT WITHIN AN ORBIT:

For each target we perform:

- a target acquisition exposure, used to precisely position the target behind the coronagraphic mask; The exposure time is computed with the target acquisition ETC to have SNR ~ 100 . We use the F25ND3 for all target ACQ exposures.
- a series of short exposures on a small mask position (A0.6 or BAR5). The total exposure time is computed to optimize the SNR on the inner most parts of the disk. We used conservative surface brightness estimates in NICMOS' filters (not accounting KLIP over-subtraction) converted to V-band surface brightness assuming same contrast to the star in V through H bands, and using the NICMOS unit convertor webtool to convert the star's vega mag to Jy. We used the ETC to estimate the signal from the disk in e-. For the noise, we used the ETC to estimate the noise from the background, dark current, stellar noise, read out noise, and multiply these by $\sqrt{2}$ to account for the noise added from PSF subtraction. We split the total exposure time into sub-exposures to reach 80% full-well capacity from the star at the edge of BAR5 (assuming a conservative $1.90\text{E-}03$ contrast from the brightest pixel on the star), and 90% full well capacity at the edge of wedge A0.6 (conservative $5.99\text{E-}04$ contrast assumption). We typically use 1/3 to 1/2 of the effective orbit length (after target acq) for the short exposures (including overheads) to have a SNR around 2-3 per 3x3 pixels per visit at the very edge of the mask.
- a series of longer exposures on a larger mask position (wedge A1.0 or B1.0) for the rest of the orbit. We split the total exposure time either in 2 CRSPLIT for the faintest stars or in sub-exposures reaching 90% full well capacity at the edge of A1.0 (contrast of $2.02\text{E-}04$ from the brightest pixel of the star).

The contrast levels at wedge A0.6 and A1.0 edges come from Fig. 5 at this webpage:

http://www.stsci.edu/hst/stis/strategies/pushing/coronagraphic_bars

For BAR5, we used a more conservative value, based on the maximum count measurements from program GO-13786 on HD 141569.

All coronagraphic exposures use a gain of 4. To minimize readout time, we use subwindows with SIZEAXIS2 = 100 on BAR5, 137 on WEDGEA0.6, and 427 on Wedges A1.0 and B1.0. These are the same sizes used in most of previous STIS coronagraphic programs and will help post-processing efforts based on the use of archival data.

NOTE TO PC: I obtain a warning "subarray off of detector with wedge A0.6". Is it possible to use CENTERAXIS2 specifications here as well to avoid hitting the bottom edge of the detector?

6/ MASK POSITIONS

We use the BAR5 position for the 3 systems with the lowest contrast to their star and enable disk detection despite the stellar noise. Two of these systems have edge-on disks, so we use the wedge B1.0 for the long exposures, as wedge B and BAR5 are roughly parallel, and as our ORIENT constraint will place the disk roughly perpendicular to both masks.

The third system, TWA 7, has a face-on disk, and we use wedge A1.0 for the longer exposures to have maximal azimuthal coverage.

For all 6 other disks, we use the wedge A0.6 and A1.0 combination.

7/ SPECIAL NOTES ON BAR5:

To improve PSF subtraction in the speckle noise dominated regime around BAR5, we use a 3-point line dither pattern for BAR5 exposures on the PSF star, to obtain PSF diversity. To ensure that the dither pattern is executed properly we specify offsets using the POS TARG exposure requirements. We use a 0.25pixel step oriented perpendicular to BAR5 (PA of the BAR5 is 78.245D from +Y), so POS TARG X= $\pm 0.00248''$ and Y= $\pm 0.01245''$.

We only use the 3-point dither on the PSF stars, not on the science targets. We base this on the achieved pointing performance in prior BAR5 observations that show the science targets will be positioned within 0.25 pixels of the center of the occulter, without dithering the science target. Then we dither each PSF stars position to span around that range of positions where the science star will be. Additional dithering of the science target simply degrades the contrast and increase photon noise.

For all observations on BAR5 we use CENTERAXIS2 = 700 to ensure that the subarray readouts for the science and PSF stars are centered on the

same pixel despite the vertical dithering. (we were granted permission to use the AVAILABLE mode by the STIS instrument team).

8/ PSF STARS:

We selected the PSF stars to be:

- a close match to the science star in B-V
- close to the science target ($<10D$)
- close match in V mag (lower priority)
- no evidence of binary system

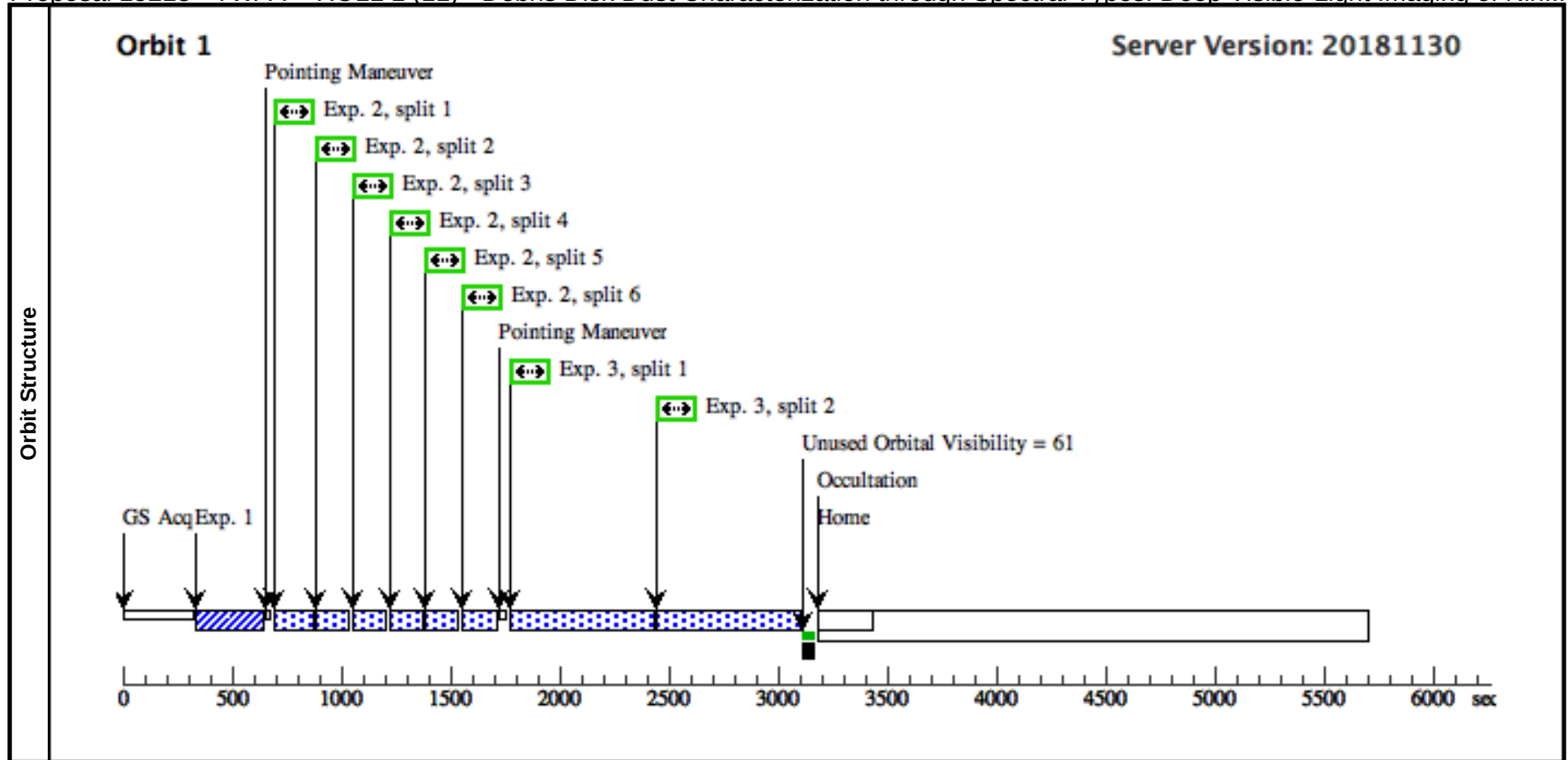
When we had a choice we also selected reference star further away (smaller parallax) to reduce the risk of resolving multiple systems or circumstellar material.

All our PSF stars match the science star B-V color by less than 0.08 mag.

All our PSF stars match the science star V magnitude by less than 1 mag.

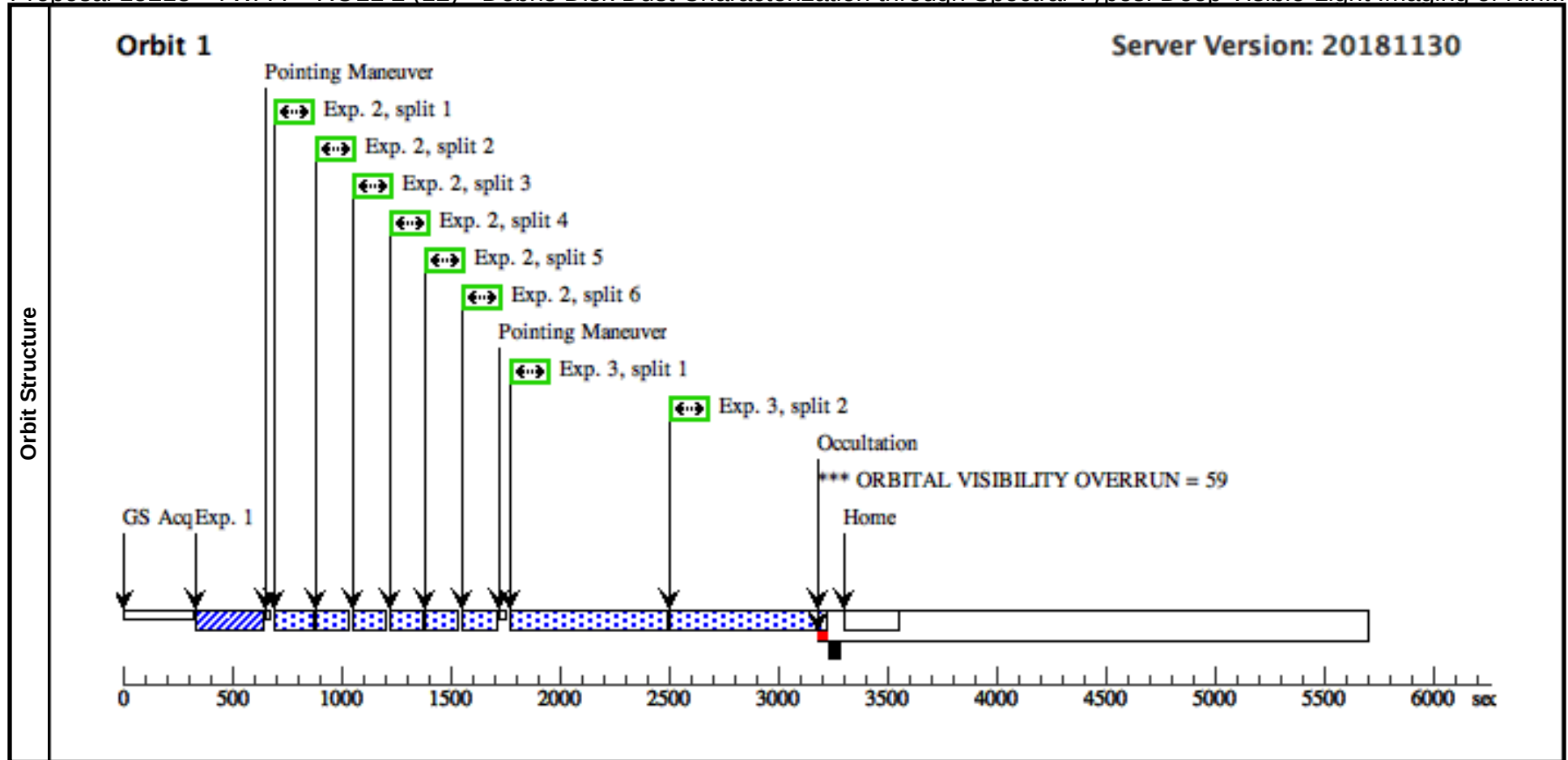
Proposal 15218 - TWA 7 - ROLL 1 (11) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nin...

Visit	Proposal 15218, TWA 7 - ROLL 1 (11), completed								Mon Mar 11 11:02:20 GMT 2019	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: STIS/CCD									
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 20D TO 25D FROM 12									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	TWA-7	RA: 10 42 30.1120 (160.6254667d) Dec: -33 40 16.21 (-33.67117d) Equinox: J2000	Proper Motion RA: -122.2 mas/yr Proper Motion Dec: -29.3 mas/yr Parallax: 0.029" Epoch of Position: 2000 Radial Velocity: 11.4 km/sec	V=10.91+/-0.07 B-V=1.475	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	M2V star. Category=STAR Description=[CIRCUMSTELLAR MATTER, DISK, M V-IV]									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TWA 7 AC Q (STIS.ta.100 6959)	(1) TWA-7	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARIO BASE1B3	Sequence 1-3 Non-Int in TWA 7 - ROLL 1 (11)	4.4 Secs (4.4 Secs) [==>]	[1]
	Comments: SNR=100 for a M2V star with V=10.91									
	2	TWA 7 SH ORT (STIS.im.10 07322)	(1) TWA-7	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=700		Sequence 1-3 Non-Int in TWA 7 - ROLL 1 (11)	879.6 Secs (879.6 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 80% full well capacity around BAR5 is reached in 146.6s.										
3	TWA 7 LONG (STIS.im.10 07322)	(1) TWA-7	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=2		Sequence 1-3 Non-Int in TWA 7 - ROLL 1 (11)	1280 Secs (1280 Secs) [==>(Split 1)] [==>(Split 2)]	[1]	
Comments: 90% full well capacity around A1.0 is reached in 1549s. This is longer than the saturation time, so we CRSPLIT it in 2 for cosmic ray rejection.										



Proposal 15218 - TWA 7 - ROLL 2 (12) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nin...

Visit	Proposal 15218, TWA 7 - ROLL 2 (12), completed										Mon Mar 11 11:02:20 GMT 2019		
	Diagnostic Status: Warning												
	Scientific Instruments: STIS/CCD												
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 149D TO 159 D; ORIENT 329D TO 339 D; AFTER 11 BY 0.5 Orbits TO 1.5 Orbits												
Comments: This is the visit with absolute orient constraints for this science target. This visit has orients constraints to place a background star (PA=109D) parallel to Wedge A. Wedge A is parrallel with +Y, and HST U3 is +45D from STIS +Y. To orient the disk's major axis perpendicular to Wedge A, we thus add 45D to its PA, ORIENT=154D (+/-5D). This is modulo 180D (154D / 334D).													
Diagnostics	(TWA 7 - ROLL 2 (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	TWA-7	RA: 10 42 30.1120 (160.6254667d) Dec: -33 40 16.21 (-33.67117d) Equinox: J2000			Proper Motion RA: -122.2 mas/yr Proper Motion Dec: -29.3 mas/yr Parallax: 0.029" Epoch of Position: 2000 Radial Velocity: 11.4 km/sec		V=10.91+/-0.07 B-V=1.475		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
	M2V star. Category=STAR Description=[CIRCUMSTELLAR MATTER, DISK, M V-IV]												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	TWA 7 AC Q (STIS.ta.100 6959)	(1) TWA-7	STIS/CCD, ACQ, F25ND3		MIRROR	ACQTYPE=POINT	GS ACQ SCENARIO BASE1B3	Sequence 1-3 Non-Int in TWA 7 - ROLL 2 (12)	4.4 Secs (4.4 Secs) [==>]		[1]	
	Comments: SNR=100 for a M2V star with V=10.91												
	2	TWA 7 SH ORT (STIS.im.10 07322)	(1) TWA-7	STIS/CCD, ACCUM, BAR5		MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=700		Sequence 1-3 Non-Int in TWA 7 - ROLL 2 (12)	879.6 Secs (879.6 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]		[1]	
	Comments: 80% full well capacity around BAR5 is reached in 146.6s.												
	3	TWA 7 LONG (STIS.im.10 07322)	(1) TWA-7	STIS/CCD, ACCUM, WEDGEA1.0		MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=2		Sequence 1-3 Non-Int in TWA 7 - ROLL 2 (12)	1400 Secs (1400 Secs) [==>(Split 1)] [==>(Split 2)]		[1]	
Comments: 90% full well capacity around A1.0 is reached in 1549s. This is longer than the saturation time, so we CRSPLIT it in 2 for cosmic ray rejection.													

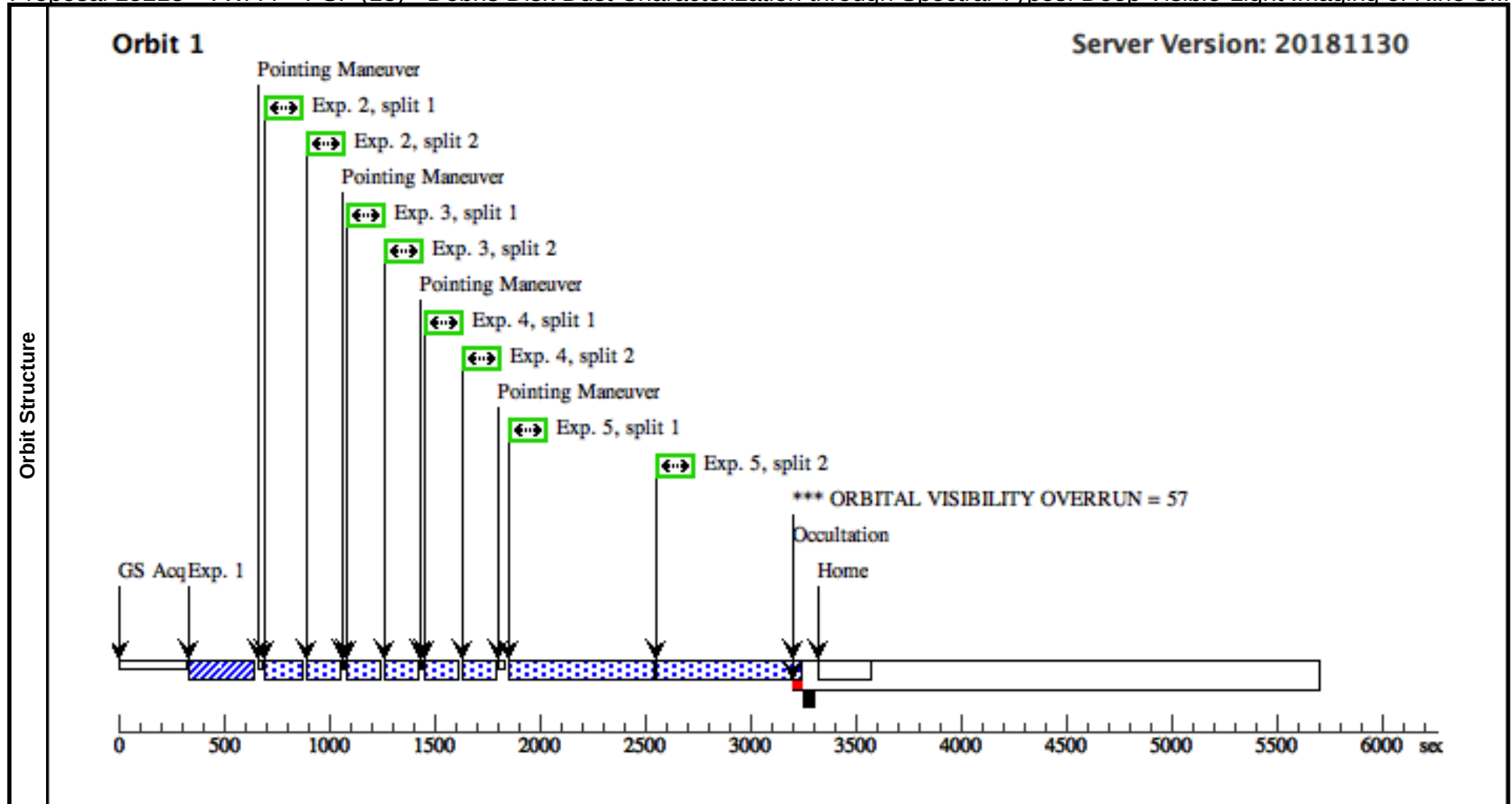


Proposal 15218 - TWA 7 - PSF (13) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nine S...

Visit	Proposal 15218, TWA 7 - PSF (13), completed					Mon Mar 11 11:02:20 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD					
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; AFTER 12 BY 0.5 Orbits TO 1.5 Orbits					
Diagnos	(TWA 7 - PSF (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	PSF-TWA-7--CD-35D6480 Alt Name1: CD-35D6480	RA: 10 30 50.8272 (157.7117800d)	Proper Motion RA: -335.93 mas/yr	V=11.255+/-0.02	Reference Frame: ICRS
			Dec: -35 46 39.26 (-35.77757d)	Proper Motion Dec: 15.64 mas/yr	B-V=1.424	
			Equinox: J2000	Parallax: 0.03710"		
				Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Reference star for TWA 7; It is 3.6D away;					
	Delta(B-V)=-0.14					
	Delta(V)=-0.345					
	Spectral type is M1Vk.					
Category=STAR						
Description=[M V-IV]						

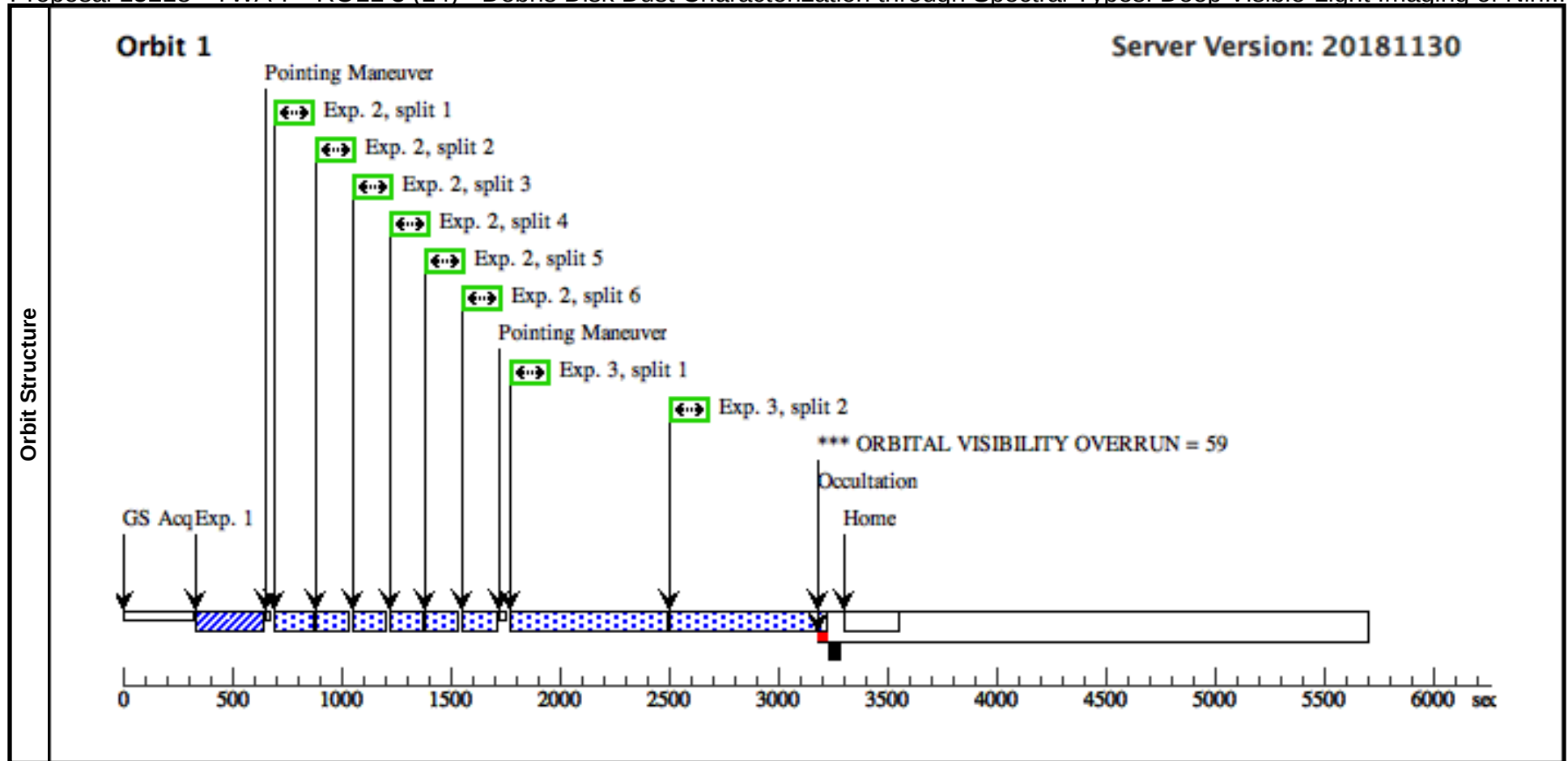
Proposal 15218 - TWA 7 - PSF (13) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nine S...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	CD-35 6480 ACQ (STIS.ta.100 6971)	(10) PSF-TWA-7--C D-35D6480	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-5 Non-In t in TWA 7 - PSF (1 3)	6.1 Secs (6.1 Secs) [==>]	[1]
	Comments: SNR=100 for a M1Vk star with V=11.255									
	2	CD-35 6480 CENT (STIS.im.10 07434)	(10) PSF-TWA-7--C D-35D6480	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=2; CENTERAXIS2=70 0		Sequence 1-5 Non-In t in TWA 7 - PSF (1 3)	300 Secs (300 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	Comments: 80% full well capacity around BAR5 is reached in 201s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
Exposures	3	CD-35 6480 PLUS (STIS.im.10 07434)	(10) PSF-TWA-7--C D-35D6480	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=2; CENTERAXIS2=70 0	POS TARG 0.00248, 0.01245	Sequence 1-5 Non-In t in TWA 7 - PSF (1 3)	300 Secs (300 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	Comments: 80% full well capacity around BAR5 is reached in 201s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
	4	CD-35 6480 MINUS (STIS.im.10 07434)	(10) PSF-TWA-7--C D-35D6480	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=2; CENTERAXIS2=70 0	POS TARG -0.0024 8,-0.01245	Sequence 1-5 Non-In t in TWA 7 - PSF (1 3)	300 Secs (300 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	Comments: 80% full well capacity around BAR5 is reached in 201s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
	5	CD-35 6480 LONG (STIS.im.10 07434)	(10) PSF-TWA-7--C D-35D6480	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=2		Sequence 1-5 Non-In t in TWA 7 - PSF (1 3)	1340 Secs (1340 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	Comments: 90% full well capacity around A1.0 is reached in 2128s. We use CRSPLIT=2 as the science target.									



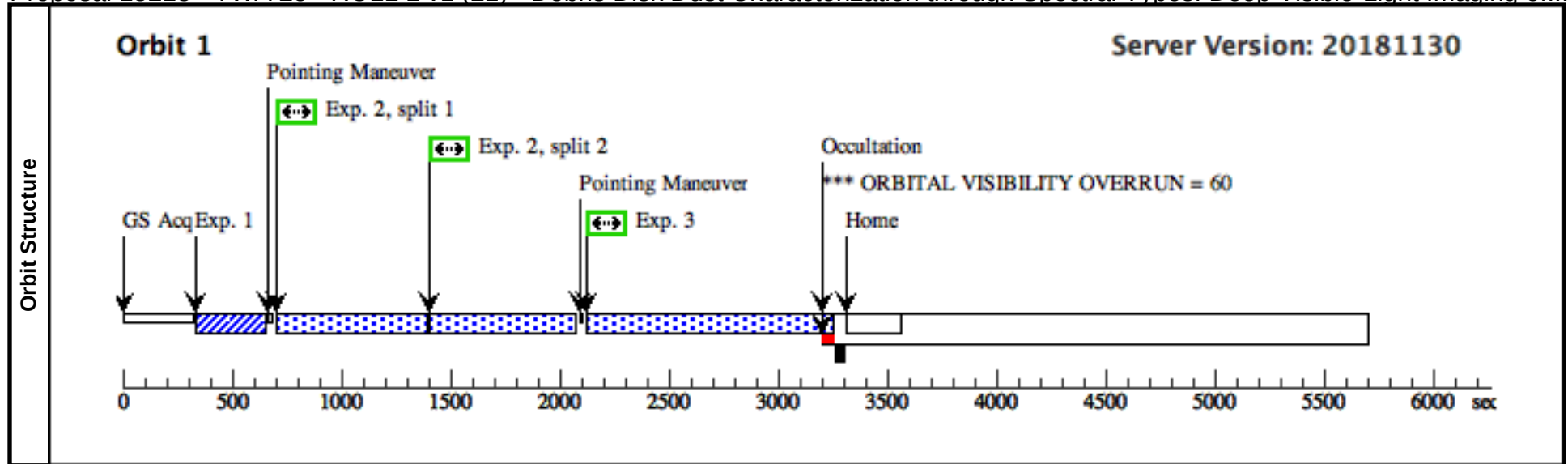
Proposal 15218 - TWA 7 - ROLL 3 (14) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nin...

Visit	Proposal 15218, TWA 7 - ROLL 3 (14), completed								Mon Mar 11 11:02:20 GMT 2019	
	Diagnostic Status: Warning									
	Scientific Instruments: STIS/CCD									
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT -25D TO -20D FROM 12; AFTER 13 BY 0.5 Orbits TO 1.5 Orbits									
Diagnostics	(TWA 7 - ROLL 3 (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	TWA-7	RA: 10 42 30.1120 (160.6254667d) Dec: -33 40 16.21 (-33.67117d) Equinox: J2000	Proper Motion RA: -122.2 mas/yr Proper Motion Dec: -29.3 mas/yr Parallax: 0.029" Epoch of Position: 2000 Radial Velocity: 11.4 km/sec	V=10.91+/-0.07 B-V=1.475	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	M2V star. Category=STAR Description=[CIRCUMSTELLAR MATTER, DISK, M V-IV]									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TWA 7 AC Q (STIS.ta.100 6959)	(1) TWA-7	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARIO BASE1B3	Sequence 1-3 Non-Int in TWA 7 - ROLL 3 (14)	4.4 Secs (4.4 Secs) [==>]	[1]
	Comments: SNR=100 for a M2V star with V=10.91									
	2	TWA 7 SH ORT (STIS.im.10 07322)	(1) TWA-7	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=700		Sequence 1-3 Non-Int in TWA 7 - ROLL 3 (14)	879.6 Secs (879.6 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 80% full well capacity around BAR5 is reached in 146.6s.										
3	TWA 7 LONG (STIS.im.10 07322)	(1) TWA-7	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=2		Sequence 1-3 Non-Int in TWA 7 - ROLL 3 (14)	1400 Secs (1400 Secs) [==>(Split 1)] [==>(Split 2)]	[1]	
Comments: 90% full well capacity around A1.0 is reached in 1549s. This is longer than the saturation time, so we CRSPLIT it in 2 for cosmic ray rejection.										



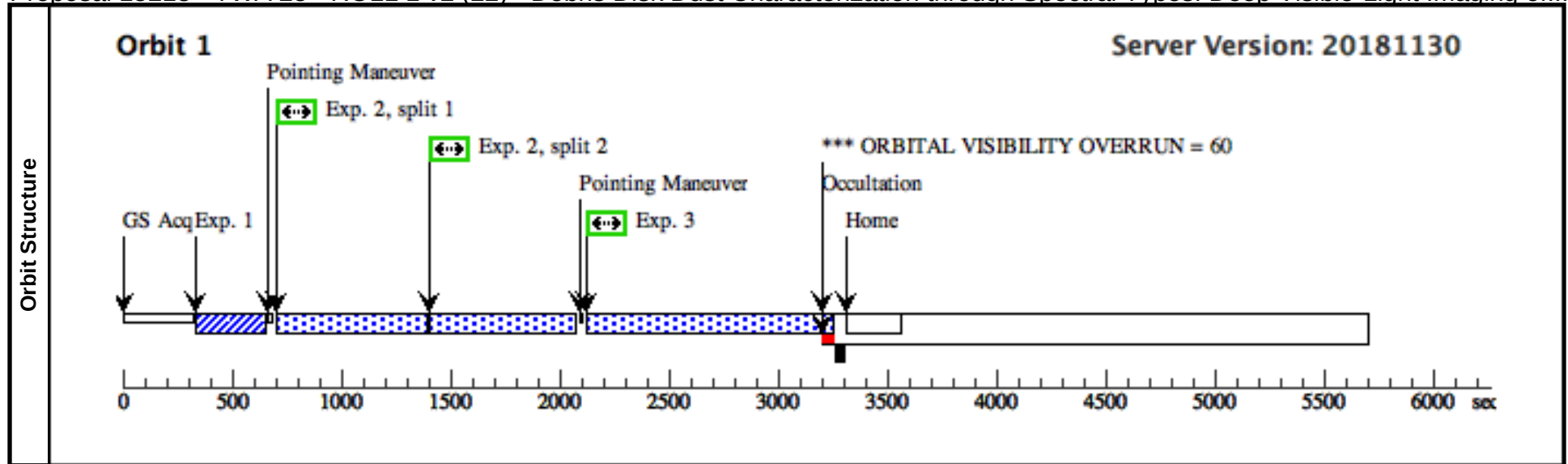
Proposal 15218 - TWA 25 - ROLL 1 v1 (21) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of...

Visit	Proposal 15218, TWA 25 - ROLL 1 v1 (21), completed							Mon Mar 11 11:02:20 GMT 2019		
	Diagnostic Status: Warning									
	Scientific Instruments: STIS/CCD									
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 20D TO 25D FROM 23									
Diagnostics	(TWA 25 - ROLL 1 v1 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(TWA 25 - ROLL 1 v1 (21)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR									
	(TWA 25 - ROLL 1 v1 (21)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	TWA-25	RA: 12 15 30.7230 (183.8780125d) Dec: -39 48 42.59 (-39.81183d) Equinox: J2000	Proper Motion RA: -75.9 mas/yr Proper Motion Dec: -26.3 mas/yr Parallax: 0.019289" Epoch of Position: 2000 Radial Velocity: 7.5 km/sec	V=11.16+/-0.08 B-V=1.428	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	M0 star. Category=STAR Description=[CIRCUMSTELLAR MATTER, DISK, M V-IV]									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TWA 25 AC Q (STIS.ta.100 6961)	(2) TWA-25	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARIO BASE1B3	Sequence 1-3 Non-Int in TWA 25 - ROLL 1 v1 (21)	7.4 Secs (7.4 Secs) [==>]	[1]
	Comments: SNR=100 for a M0 star with V=11.16									
	2	TWA 25 SH ORT (STIS.im.10 07417)	(2) TWA-25	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=2		Sequence 1-3 Non-Int in TWA 25 - ROLL 1 v1 (21)	1316 Secs (1316 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 658s.										
3	TWA 25 LO NG (STIS.im.10 07417)	(2) TWA-25	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=NO		Sequence 1-3 Non-Int in TWA 25 - ROLL 1 v1 (21)	1102 Secs (1102 Secs) [==>]	[1]	
Comments: 90% full well capacity around WEDGEA1.0 is reached in 1950s.										



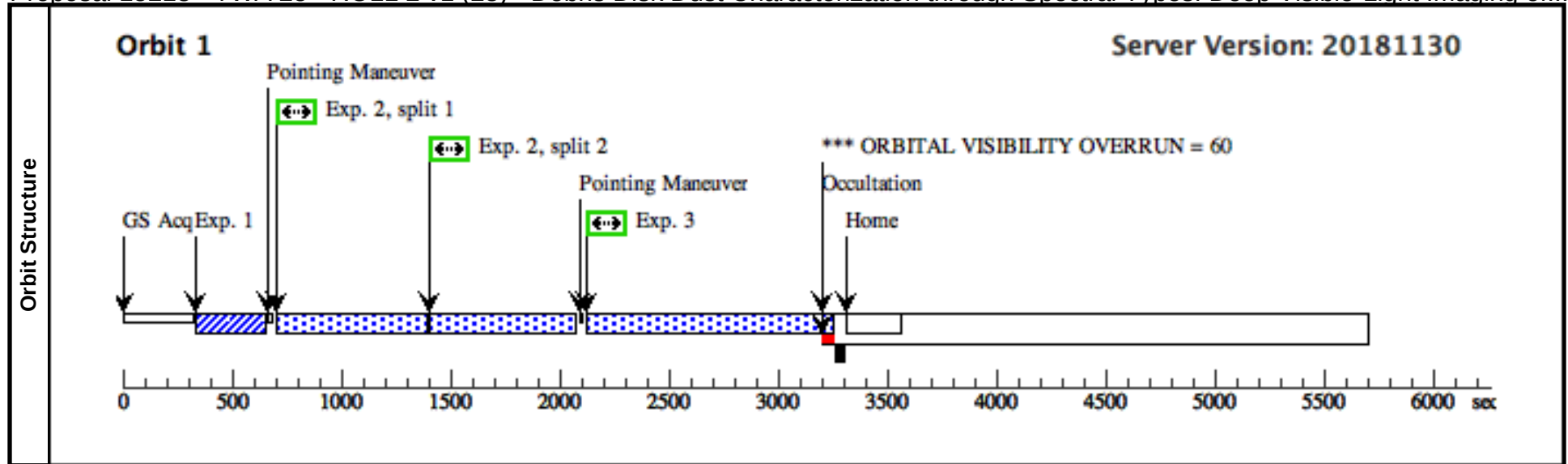
Proposal 15218 - TWA 25 - ROLL 1 v2 (22) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of...

Visit	Proposal 15218, TWA 25 - ROLL 1 v2 (22), completed							Mon Mar 11 11:02:20 GMT 2019		
	Diagnostic Status: Warning									
	Scientific Instruments: STIS/CCD									
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SAME ORIENT AS 21; AFTER 21 BY 0.5 Orbits TO 1.5 Orbits									
Diagnostics	(TWA 25 - ROLL 1 v2 (22)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(TWA 25 - ROLL 1 v2 (22)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR									
	(TWA 25 - ROLL 1 v2 (22)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	TWA-25	RA: 12 15 30.7230 (183.8780125d) Dec: -39 48 42.59 (-39.81183d) Equinox: J2000	Proper Motion RA: -75.9 mas/yr Proper Motion Dec: -26.3 mas/yr Parallax: 0.019289" Epoch of Position: 2000 Radial Velocity: 7.5 km/sec	V=11.16+/-0.08 B-V=1.428	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	M0 star. Category=STAR Description=[CIRCUMSTELLAR MATTER, DISK, M V-IV]									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TWA 25 AC Q (STIS.ta.100 6961)	(2) TWA-25	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARIO BASE1B3	Sequence 1-3 Non-Int in TWA 25 - ROLL 1 v2 (22)	7.4 Secs (7.4 Secs) [==>]	[1]
	Comments: SNR=100 for a M0 star with V=11.16									
	2	TWA 25 SH ORT (STIS.im.10 07417)	(2) TWA-25	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=2		Sequence 1-3 Non-Int in TWA 25 - ROLL 1 v2 (22)	1316 Secs (1316 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 658s.										
3	TWA 25 LO NG (STIS.im.10 07417)	(2) TWA-25	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=NO		Sequence 1-3 Non-Int in TWA 25 - ROLL 1 v2 (22)	1102 Secs (1102 Secs) [==>]	[1]	
Comments: 90% full well capacity around WEDGEA1.0 is reached in 1950s.										



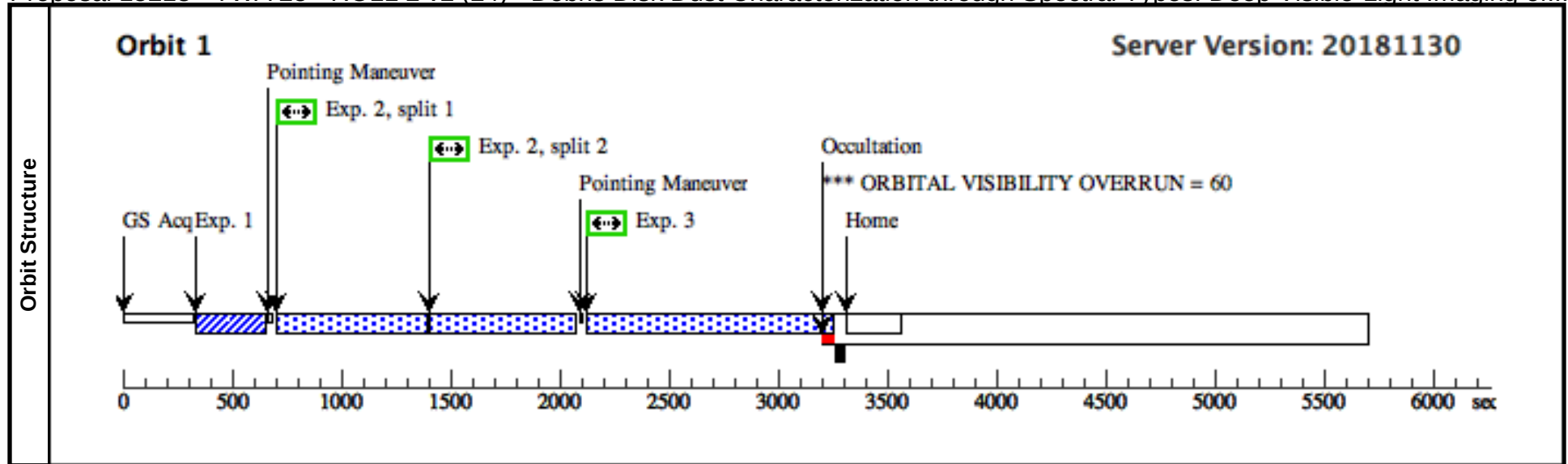
Proposal 15218 - TWA 25 - ROLL 2 v1 (23) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of...

Visit	Proposal 15218, TWA 25 - ROLL 2 v1 (23), completed										Mon Mar 11 11:02:20 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: STIS/CCD											
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 286D TO 296 D; ORIENT 106D TO 116 D; AFTER 22 BY 0.5 Orbits TO 1.5 Orbits											
Comments: This is the visit with absolute orient constraints for this science target. This visit has orients constraints to place the disk's major axis (PA=-24D) perpendicular to Wedge A. Wedge A is parrallel with +Y, and HST U3 is +45D from STIS +Y. To orient the disk's major axis perpendicular to Wedge A, we thus add 315D to its PA, ORIENT=291D (+/-5D). This constraint is modulo 180D (291D or 111D).												
Diagnostics	(TWA 25 - ROLL 2 v1 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(TWA 25 - ROLL 2 v1 (23)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR											
Fixed Targets	(TWA 25 - ROLL 2 v1 (23)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous						
	(2)	TWA-25	RA: 12 15 30.7230 (183.8780125d)	Proper Motion RA: -75.9 mas/yr	V=11.16+/-0.08	Reference Frame: ICRS						
			Dec: -39 48 42.59 (-39.81183d)	Proper Motion Dec: -26.3 mas/yr	B-V=1.428							
			Equinox: J2000	Parallax: 0.019289"								
Fixed Targets				Epoch of Position: 2000								
				Radial Velocity: 7.5 km/sec								
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	M0 star.											
Fixed Targets	Category=STAR											
	Description=[CIRCUMSTELLAR MATTER, DISK, M V-IV]											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit		
	1	TWA 25 AC Q (STIS.ta.100 6961)	(2) TWA-25	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-3 Non-Int in TWA 25 - ROLL 2 v1 (23)	7.4 Secs (7.4 Secs)			
									[==>]		[1]	
	Comments: SNR=100 for a M0 star with V=11.16											
Exposures	2	TWA 25 SH ORT (STIS.im.10 07417)	(2) TWA-25	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=2		Sequence 1-3 Non-Int in TWA 25 - ROLL 2 v1 (23)	1316 Secs (1316 Secs)			
									[==>(Split 1)]		[1]	
									[==>(Split 2)]			
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 658s.											
Exposures	3	TWA 25 LO NG (STIS.im.10 07417)	(2) TWA-25	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=NO		Sequence 1-3 Non-Int in TWA 25 - ROLL 2 v1 (23)	1102 Secs (1102 Secs)			
									[==>]		[1]	
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 1950s.											



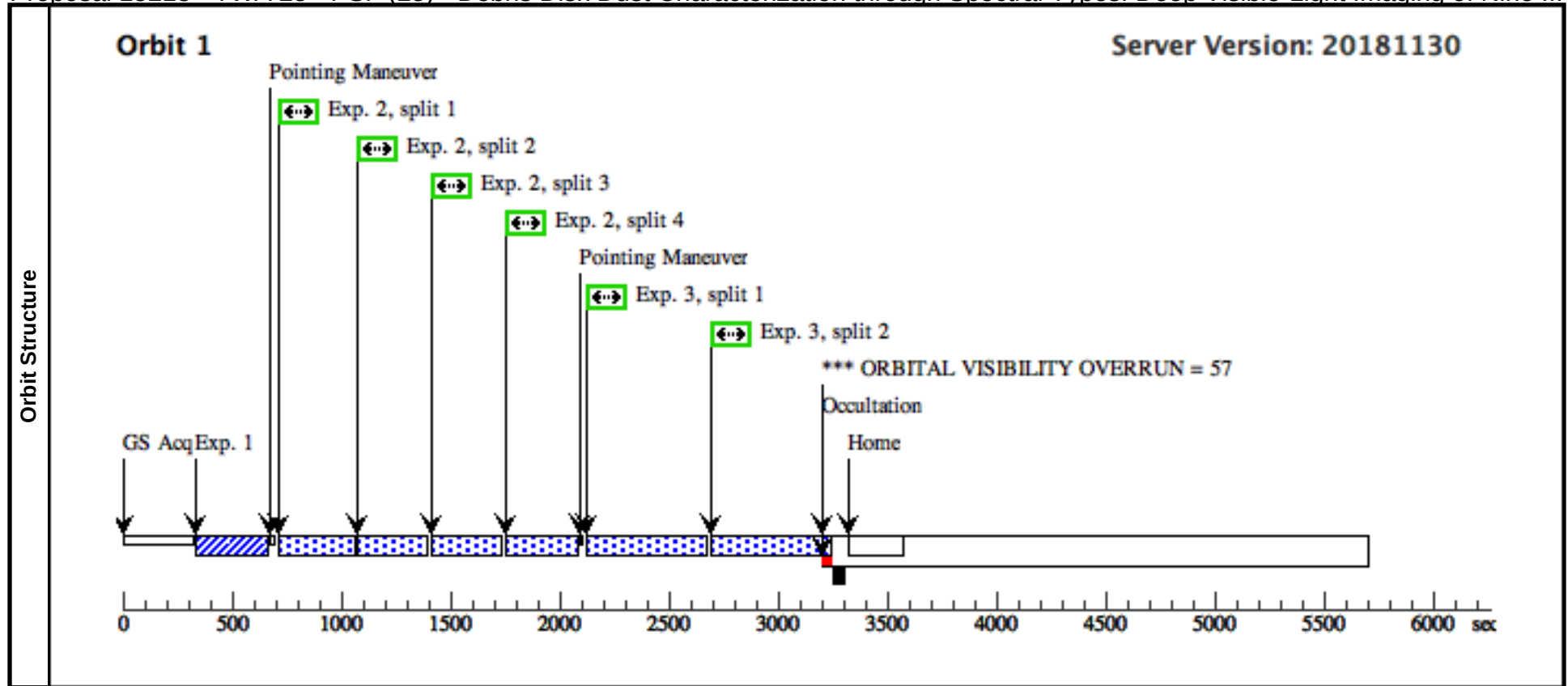
Proposal 15218 - TWA 25 - ROLL 2 v2 (24) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of...

Visit	Proposal 15218, TWA 25 - ROLL 2 v2 (24), completed							Mon Mar 11 11:02:20 GMT 2019		
	Diagnostic Status: Warning									
	Scientific Instruments: STIS/CCD									
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SAME ORIENT AS 23; AFTER 23 BY 0.5 Orbits TO 1.5 Orbits									
Diagnostics	(TWA 25 - ROLL 2 v2 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(TWA 25 - ROLL 2 v2 (24)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR									
	(TWA 25 - ROLL 2 v2 (24)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	TWA-25	RA: 12 15 30.7230 (183.8780125d) Dec: -39 48 42.59 (-39.81183d) Equinox: J2000	Proper Motion RA: -75.9 mas/yr Proper Motion Dec: -26.3 mas/yr Parallax: 0.019289" Epoch of Position: 2000 Radial Velocity: 7.5 km/sec	V=11.16+/-0.08 B-V=1.428	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	M0 star. Category=STAR Description=[CIRCUMSTELLAR MATTER, DISK, M V-IV]									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TWA 25 AC Q (STIS.ta.100 6961)	(2) TWA-25	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARIO BASE1B3	Sequence 1-3 Non-Int in TWA 25 - ROLL 2 v2 (24)	7.4 Secs (7.4 Secs) [==>]	[1]
	Comments: SNR=100 for a M0 star with V=11.16									
	2	TWA 25 SH ORT (STIS.im.10 07417)	(2) TWA-25	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=2		Sequence 1-3 Non-Int in TWA 25 - ROLL 2 v2 (24)	1316 Secs (1316 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 658s.										
3	TWA 25 LO NG (STIS.im.10 07417)	(2) TWA-25	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=NO		Sequence 1-3 Non-Int in TWA 25 - ROLL 2 v2 (24)	1102 Secs (1102 Secs) [==>]	[1]	
Comments: 90% full well capacity around WEDGEA1.0 is reached in 1950s.										



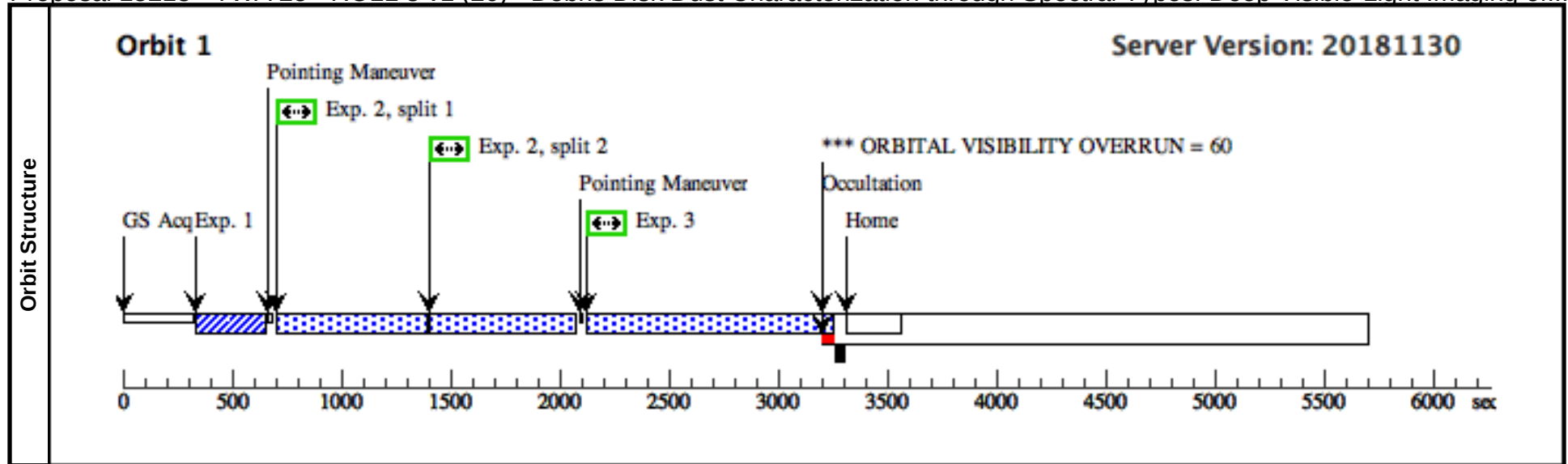
Proposal 15218 - TWA 25 - PSF (25) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nine ...

Visit	Proposal 15218, TWA 25 - PSF (25), completed										Mon Mar 11 11:02:20 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: STIS/CCD											
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; AFTER 24 BY 0.5 Orbits TO 1.5 Orbits											
Diagnostics	(TWA 25 - PSF (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(TWA 25 - PSF (25)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR											
	(TWA 25 - PSF (25)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR											
	(TWA 25 - PSF (25)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR											
	(TWA 25 - PSF (25)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(11)	PSF-TWA-25--LHS-2509	RA: 12 04 36.5782 (181.1524092d)		Proper Motion RA: 641.48 mas/yr		V=11.767+/-0.05		Reference Frame: ICRS			
		Alt Name1: LHS-2509	Dec: -38 16 24.90 (-38.27358d)		Proper Motion Dec: -223.14 mas/yr		B-V=1.493					
			Equinox: J2000		Parallax: 0.03634"							
					Epoch of Position: 2000							
					Radial Velocity: -634.267 km/sec							
		Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
		Reference star for TWA 25; It is 3.1D away;										
		Delta(B-V)=-0.07										
		Delta(V)=-0.61										
	Spectral type is M1V.											
	Category=STAR											
	Description=[M V-IV]											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	LHS 2509 A CQ (STIS.ta.101 3951)	(11) PSF-TWA-25--LHS-2509	STIS/CCD, ACQ, F25ND3		MIRROR	ACQTYPE=POINT	GS ACQ SCENARIO BASE1B3	Sequence 1-3 Non-Int in TWA 25 - PSF (25)	9.8 Secs (9.8 Secs)		
										[==>]		[1]
	Comments: SNR=100 for a M0 star with V=11.767											
	2	LHS 2509 S HORT (STIS.im.10 13953)	(11) PSF-TWA-25--LHS-2509	STIS/CCD, ACCUM, WEDGEA0.6		MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=4		Sequence 1-3 Non-Int in TWA 25 - PSF (25)	1266 Secs (1266 Secs)		
										[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]		[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 1151.83s. We use 0.5 of the exposure time of the science target to have 2x exposures.											
	3	LHS 2509 L ONG (STIS.im.10 13953)	(11) PSF-TWA-25--LHS-2509	STIS/CCD, ACCUM, WEDGEA1.0		MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=2		Sequence 1-3 Non-Int in TWA 25 - PSF (25)	1064 Secs (1064 Secs)		
										[==>(Split 1)] [==>(Split 2)]		[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 3411.44s. We use 0.5 of the exposure time of the science target to have 2x exposures.											



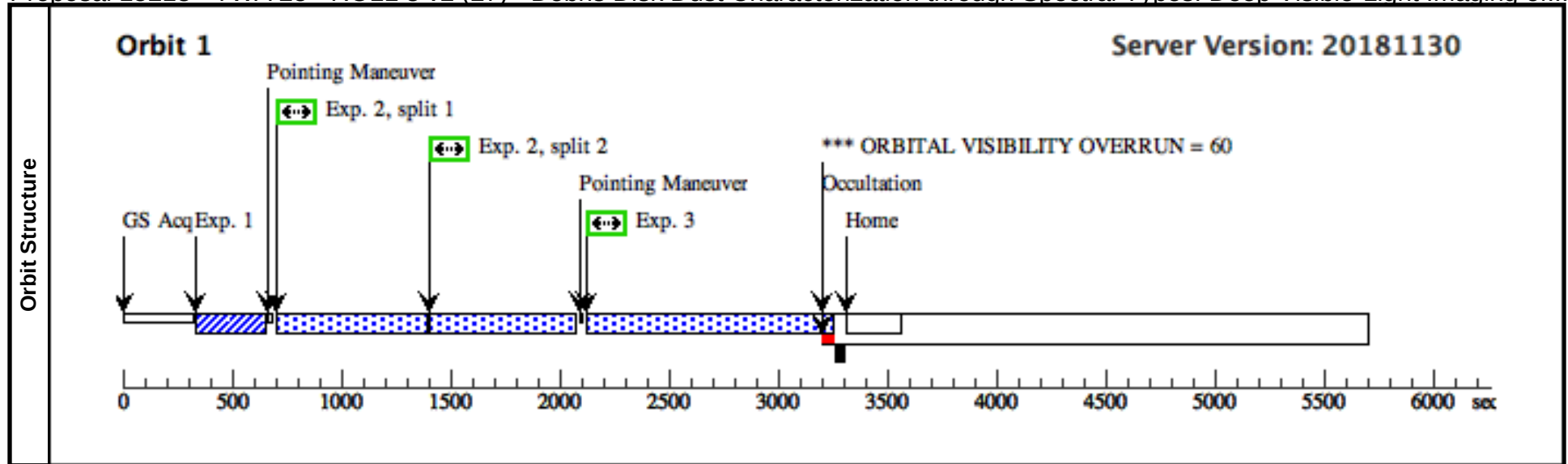
Proposal 15218 - TWA 25 - ROLL 3 v1 (26) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of...

Visit	Proposal 15218, TWA 25 - ROLL 3 v1 (26), completed								Mon Mar 11 11:02:21 GMT 2019	
	Diagnostic Status: Warning									
	Scientific Instruments: STIS/CCD									
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT -25D TO -20D FROM 23; AFTER 25 BY 0.5 Orbits TO 1.5 Orbits									
Diagnostics	(TWA 25 - ROLL 3 v1 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(TWA 25 - ROLL 3 v1 (26)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR									
	(TWA 25 - ROLL 3 v1 (26)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	TWA-25	RA: 12 15 30.7230 (183.8780125d) Dec: -39 48 42.59 (-39.81183d) Equinox: J2000	Proper Motion RA: -75.9 mas/yr Proper Motion Dec: -26.3 mas/yr Parallax: 0.019289" Epoch of Position: 2000 Radial Velocity: 7.5 km/sec	V=11.16+/-0.08 B-V=1.428	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	M0 star. Category=STAR Description=[CIRCUMSTELLAR MATTER, DISK, M V-IV]									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TWA 25 AC Q (STIS.ta.100 6961)	(2) TWA-25	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARIO BASE1B3	Sequence 1-3 Non-Int in TWA 25 - ROLL 3 v1 (26)	7.4 Secs (7.4 Secs) [==>]	[1]
	Comments: SNR=100 for a M0 star with V=11.16									
	2	TWA 25 SH ORT (STIS.im.10 07417)	(2) TWA-25	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=2		Sequence 1-3 Non-Int in TWA 25 - ROLL 3 v1 (26)	1316 Secs (1316 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 658s.										
3	TWA 25 LO NG (STIS.im.10 07417)	(2) TWA-25	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=NO		Sequence 1-3 Non-Int in TWA 25 - ROLL 3 v1 (26)	1102 Secs (1102 Secs) [==>]	[1]	
Comments: 90% full well capacity around WEDGEA1.0 is reached in 1950s.										



Proposal 15218 - TWA 25 - ROLL 3 v2 (27) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of...

Visit	Proposal 15218, TWA 25 - ROLL 3 v2 (27), completed							Mon Mar 11 11:02:21 GMT 2019		
	Diagnostic Status: Warning									
	Scientific Instruments: STIS/CCD									
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SAME ORIENT AS 26; AFTER 26 BY 0.5 Orbits TO 1.5 Orbits									
Diagnostics	(TWA 25 - ROLL 3 v2 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(TWA 25 - ROLL 3 v2 (27)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR									
	(TWA 25 - ROLL 3 v2 (27)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	TWA-25	RA: 12 15 30.7230 (183.8780125d) Dec: -39 48 42.59 (-39.81183d) Equinox: J2000	Proper Motion RA: -75.9 mas/yr Proper Motion Dec: -26.3 mas/yr Parallax: 0.019289" Epoch of Position: 2000 Radial Velocity: 7.5 km/sec	V=11.16+/-0.08 B-V=1.428	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	M0 star. Category=STAR Description=[CIRCUMSTELLAR MATTER, DISK, M V-IV]									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TWA 25 AC Q (STIS.ta.100 6961)	(2) TWA-25	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARIO BASE1B3	Sequence 1-3 Non-Int in TWA 25 - ROLL 3 v2 (27)	7.4 Secs (7.4 Secs) [==>]	[1]
	Comments: SNR=100 for a M0 star with V=11.16									
	2	TWA 25 SH ORT (STIS.im.10 07417)	(2) TWA-25	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=2		Sequence 1-3 Non-Int in TWA 25 - ROLL 3 v2 (27)	1316 Secs (1316 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 658s.										
3	TWA 25 LO NG (STIS.im.10 07417)	(2) TWA-25	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=NO		Sequence 1-3 Non-Int in TWA 25 - ROLL 3 v2 (27)	1102 Secs (1102 Secs) [==>]	[1]	
Comments: 90% full well capacity around WEDGEA1.0 is reached in 1950s.										

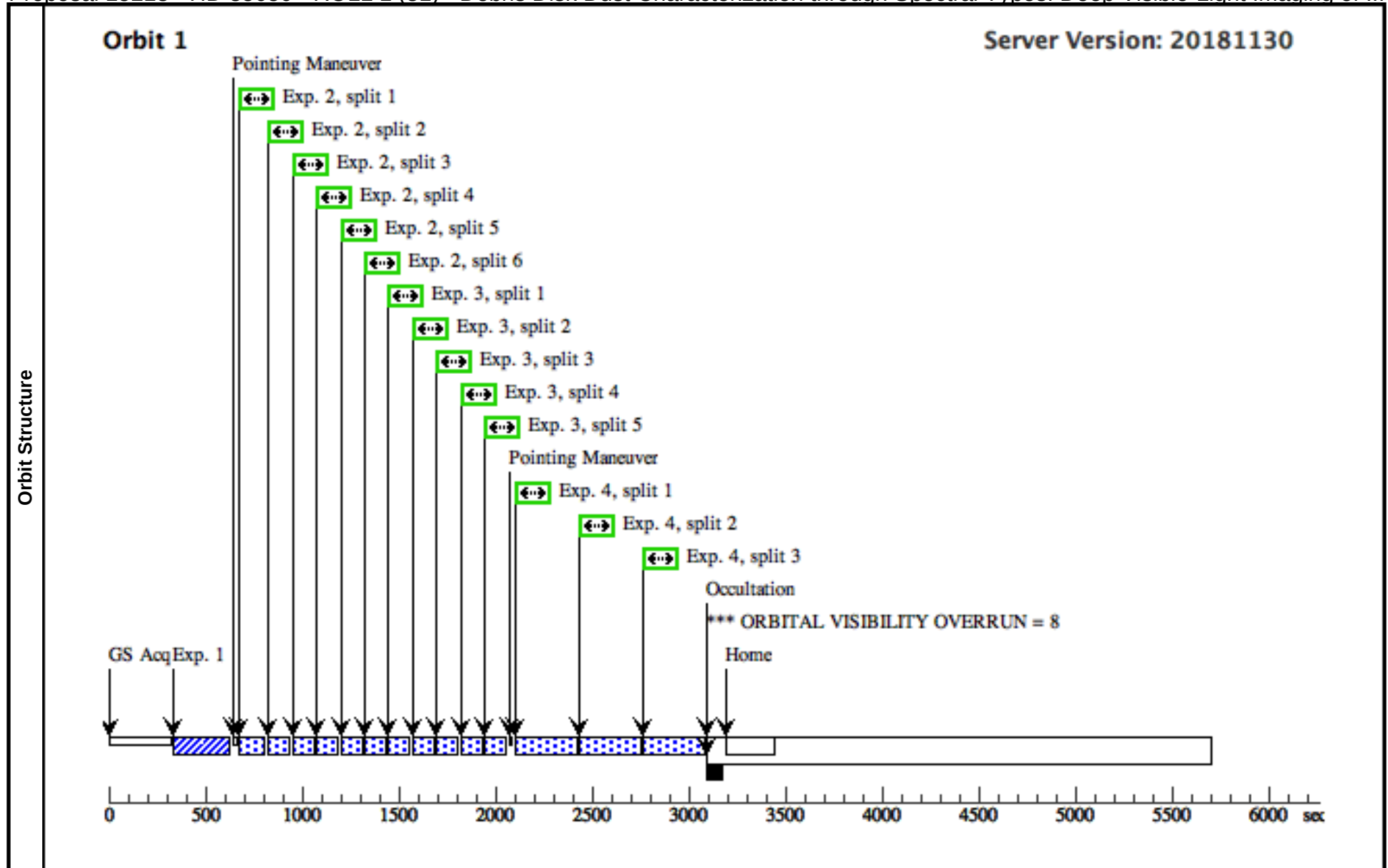


Proposal 15218 - HD 35650 - ROLL 1 (31) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of ...

Visit	Proposal 15218, HD 35650 - ROLL 1 (31), completed Mon Mar 11 11:02:21 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 60%; ORIENT 20D TO 25D FROM 32				
Diagnostics	(HD 35650 - ROLL 1 (31)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(HD 35650 - ROLL 1 (31)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
	(HD 35650 - ROLL 1 (31)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
	(HD 35650 - ROLL 1 (31)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
	(HD 35650 - ROLL 1 (31)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
	(HD 35650 - ROLL 1 (31)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
	(HD 35650 - ROLL 1 (31)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
	(HD 35650 - ROLL 1 (31)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
	(HD 35650 - ROLL 1 (31)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
	(HD 35650 - ROLL 1 (31)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
	(HD 35650 - ROLL 1 (31)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
	(HD 35650 - ROLL 1 (31)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	HD-35650	RA: 05 24 30.1696 (81.1257067d)	Proper Motion RA: 44.25 mas/yr	V=8.971+/-0.041
			Dec: -38 58 10.75 (-38.96965d)	Proper Motion Dec: -59.51 mas/yr	B-V=1.322
			Equinox: J2000	Parallax: 0.05740"	
				Epoch of Position: 2000	
				Radial Velocity: 31.3 km/sec	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.				
	K6V star.				
	Category=STAR				
	Description=[CIRCUMSTELLAR MATTER, DISK, K V-IV]				

Proposal 15218 - HD 35650 - ROLL 1 (31) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of ...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 35650 A CQ (STIS.ta.101 3923)	(3) HD-35650	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-4 Non-In t in HD 35650 - ROL L 1 (31)	1. Secs (1 Secs) [==>]	[1]
	Comments: SNR=100 for a K6V star with V=9.054									
	2	HD 35650 S HORT (STIS.im.10 13928)	(3) HD-35650	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-4 Non-In t in HD 35650 - ROL L 1 (31)	609 Secs (609 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 101.5s.									
	3	HD 35650 S HORT (STIS.im.10 13928)	(3) HD-35650	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=5		Sequence 1-4 Non-In t in HD 35650 - ROL L 1 (31)	507.5 Secs (507.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 101.5s.									
	4	HD 35650 L ONG (STIS.im.10 13928)	(3) HD-35650	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=3		Sequence 1-4 Non-In t in HD 35650 - ROL L 1 (31)	902.1 Secs (902.1 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 300.7s.									

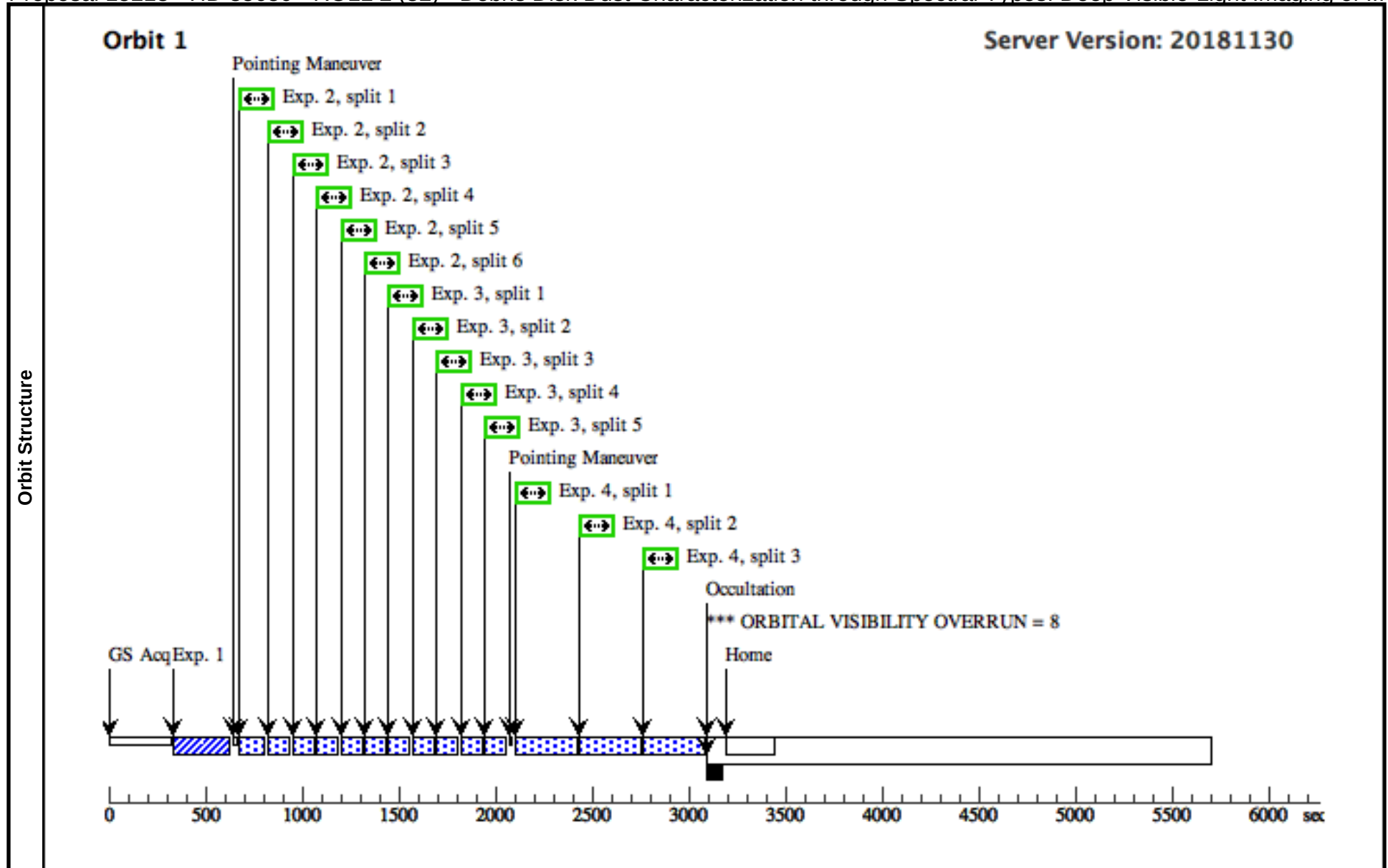


Proposal 15218 - HD 35650 - ROLL 2 (32) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of ...

Visit	Proposal 15218, HD 35650 - ROLL 2 (32), completed					Mon Mar 11 11:02:21 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD					
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 60%; ORIENT 319D TO 329 D; ORIENT 139D TO 149 D; AFTER 31 BY 0.5 Orbits TO 1.5 Orbits					
	<i>Comments: This is the visit with absolute orient constraints for this science target. This visit has orients constraints to place the disk's major axis (PA=9D) perpendicular to Wedge A. Wedge A is parrallel with +Y, and HST U3 is +45D from STIS +Y. To orient the disk's major axis perpendicular to Wedge A, we thus add 315D to its PA, ORIENT=324D (+/-5D). This constraint is modulo 180D (324D or 144D).</i>					
Diagnostics	(HD 35650 - ROLL 2 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HD 35650 - ROLL 2 (32)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - ROLL 2 (32)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - ROLL 2 (32)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - ROLL 2 (32)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - ROLL 2 (32)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - ROLL 2 (32)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - ROLL 2 (32)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - ROLL 2 (32)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - ROLL 2 (32)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - ROLL 2 (32)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - ROLL 2 (32)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - ROLL 2 (32)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	HD-35650	RA: 05 24 30.1696 (81.1257067d)	Proper Motion RA: 44.25 mas/yr	V=8.971+/-0.041	Reference Frame: ICRS
			Dec: -38 58 10.75 (-38.96965d)	Proper Motion Dec: -59.51 mas/yr	B-V=1.322	
			Equinox: J2000	Parallax: 0.05740"		
			Epoch of Position: 2000			
			Radial Velocity: 31.3 km/sec			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	<i>K6V star.</i>					
<i>Category=STAR</i>						
<i>Description=[CIRCUMSTELLAR MATTER, DISK, K V-IV]</i>						

Proposal 15218 - HD 35650 - ROLL 2 (32) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of ...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 35650 A CQ (STIS.ta.1013923)	(3) HD-35650	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in HD 35650 - ROLL 2 (32)	1. Secs (1 Secs) [==>]	[1]
	Comments: SNR=100 for a K6V star with V=9.054									
	2	HD 35650 S HORT (STIS.im.1013928)	(3) HD-35650	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-4 Non-Int in HD 35650 - ROLL 2 (32)	609 Secs (609 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 101.5s.									
	3	HD 35650 S HORT (STIS.im.1013928)	(3) HD-35650	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=5		Sequence 1-4 Non-Int in HD 35650 - ROLL 2 (32)	507.5 Secs (507.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 101.5s.									
	4	HD 35650 L ONG (STIS.im.1013928)	(3) HD-35650	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=3		Sequence 1-4 Non-Int in HD 35650 - ROLL 2 (32)	902.1 Secs (902.1 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 300.7s.									

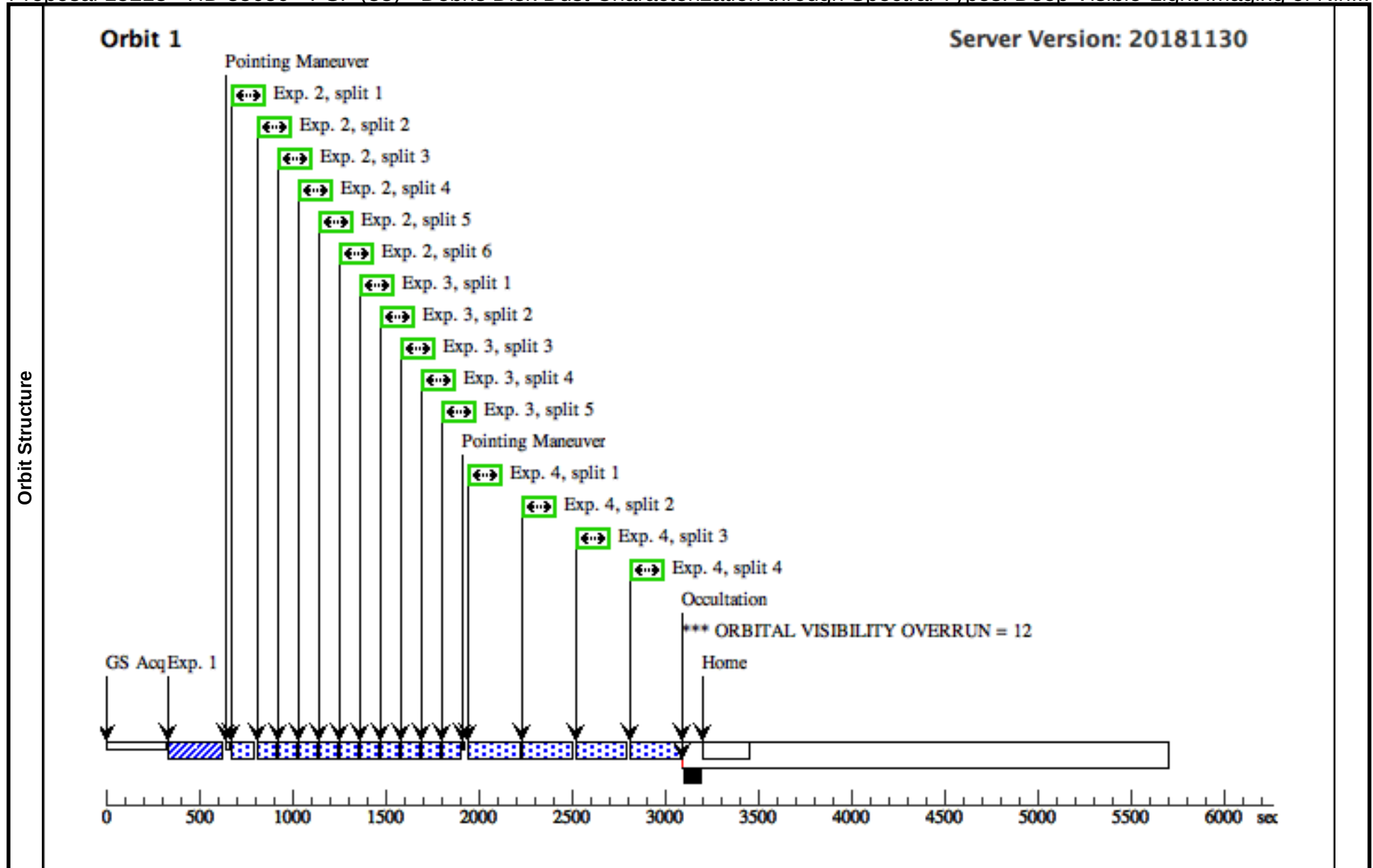


Proposal 15218 - HD 35650 - PSF (33) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nin...

Visit	Proposal 15218, HD 35650 - PSF (33), completed					Mon Mar 11 11:02:21 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD					
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 60%; AFTER 32 BY 0.5 Orbits TO 1.5 Orbits					
Diagnostics	(HD 35650 - PSF (33)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HD 35650 - PSF (33)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - PSF (33)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - PSF (33)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - PSF (33)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - PSF (33)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
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	(HD 35650 - PSF (33)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - PSF (33)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - PSF (33)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - PSF (33)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - PSF (33)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 35650 - PSF (33)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	PSF-HD-35650--HD-39520	RA: 05 51 15.2355 (87.8134812d)	Proper Motion RA: -8.253 mas/yr	V=8.7+/-0.01	Reference Frame: ICRS
			Dec: -39 33 59.99 (-39.56666d)	Proper Motion Dec: -11.466 mas/yr	B-V=1.288	
		Alt Name1: HD-39520	Equinox: J2000	Parallax: 0.00269"		
				Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Reference star for HD 35650; It is 6.7D away;					
	Delta(B-V)=0.03					
	Delta(V)=0.26					
	Spectral type is K4III.					
Category=STAR						
Description=[K III-I]						

Proposal 15218 - HD 35650 - PSF (33) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nin...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 39520 A CQ (STIS.ta.101 3957)	(12) PSF-HD-35650- -HD-39520	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-4 Non-In t in HD 35650 - PSF (33)	1 Secs (1 Secs) [==>]	[1]
	Comments: SNR=100 for a K4III star with V=8.7									
	2	HD 39520 S HORT (STIS.im.10 13960)	(12) PSF-HD-35650- -HD-39520	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-4 Non-In t in HD 35650 - PSF (33)	522.6 Secs (522.6 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 87.1s.									
	3	HD 39520 S HORT (STIS.im.10 13960)	(12) PSF-HD-35650- -HD-39520	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=5		Sequence 1-4 Non-In t in HD 35650 - PSF (33)	435.5 Secs (435.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 87.1s.									
	4	HD 39520 L ONG (STIS.im.10 13960)	(12) PSF-HD-35650- -HD-39520	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=4		Sequence 1-4 Non-In t in HD 35650 - PSF (33)	1032 Secs (1032 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 258s.									

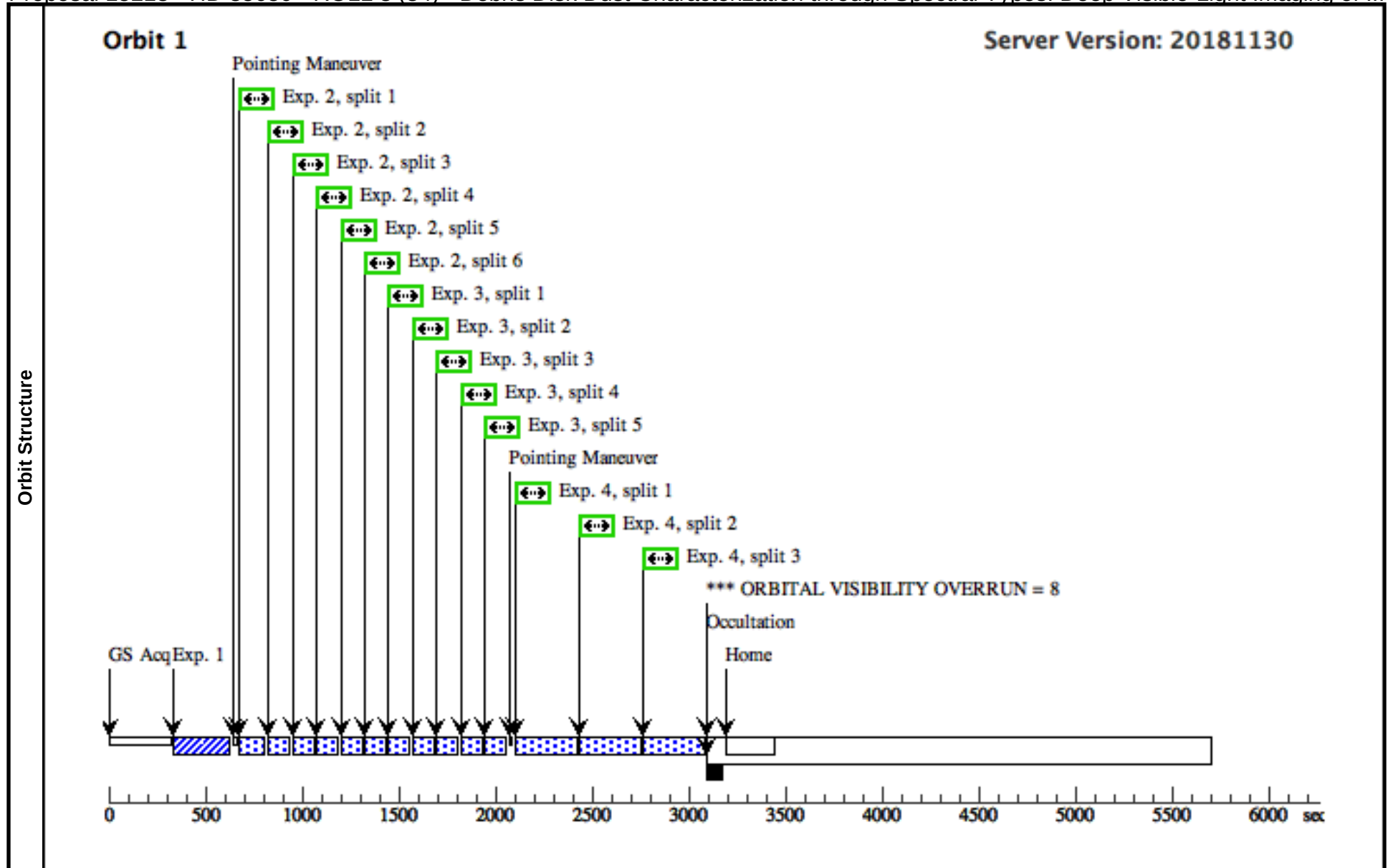


Proposal 15218 - HD 35650 - ROLL 3 (34) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of ...

Visit	Proposal 15218, HD 35650 - ROLL 3 (34), completed Mon Mar 11 11:02:21 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 60%; ORIENT -25D TO -20D FROM 32; AFTER 33 BY 0.5 Orbits TO 1.5 Orbits				
Diagnostics	(HD 35650 - ROLL 3 (34)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(HD 35650 - ROLL 3 (34)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
	(HD 35650 - ROLL 3 (34)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
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	(HD 35650 - ROLL 3 (34)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
	(HD 35650 - ROLL 3 (34)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	HD-35650	RA: 05 24 30.1696 (81.1257067d)	Proper Motion RA: 44.25 mas/yr	V=8.971+/-0.041
			Dec: -38 58 10.75 (-38.96965d)	Proper Motion Dec: -59.51 mas/yr	B-V=1.322
			Equinox: J2000	Parallax: 0.05740"	
				Epoch of Position: 2000	
				Radial Velocity: 31.3 km/sec	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. K6V star. Category=STAR Description=[CIRCUMSTELLAR MATTER, DISK, K V-IV]				

Proposal 15218 - HD 35650 - ROLL 3 (34) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of ...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 35650 A CQ (STIS.ta.1013923)	(3) HD-35650	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in HD 35650 - ROLL 3 (34)	1. Secs (1 Secs) [==>]	[1]
	Comments: SNR=100 for a K6V star with V=9.054									
	2	HD 35650 S HORT (STIS.im.1013928)	(3) HD-35650	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-4 Non-Int in HD 35650 - ROLL 3 (34)	609 Secs (609 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 101.5s.									
	3	HD 35650 S HORT (STIS.im.1013928)	(3) HD-35650	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=5		Sequence 1-4 Non-Int in HD 35650 - ROLL 3 (34)	507.5 Secs (507.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 101.5s.									
	4	HD 35650 L ONG (STIS.im.1013928)	(3) HD-35650	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=3		Sequence 1-4 Non-Int in HD 35650 - ROLL 3 (34)	902.1 Secs (902.1 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 300.7s.									

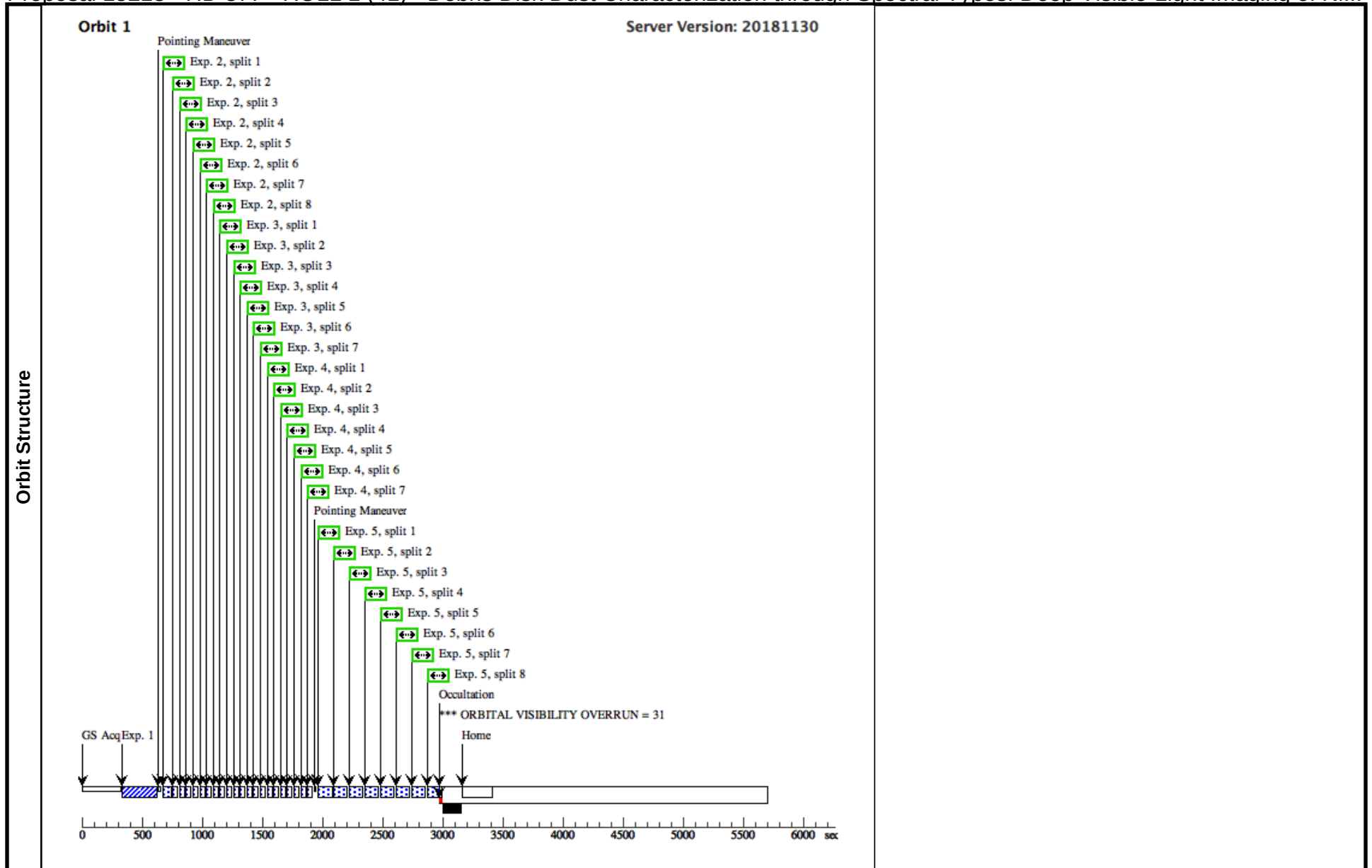


Proposal 15218 - HD 377 - ROLL 1 (41) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

Visit	Proposal 15218, HD 377 - ROLL 1 (41), completed					Mon Mar 11 11:02:21 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD					
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 80%; ORIENT 20D TO 25D FROM 42					
Diagnostics	(HD 377 - ROLL 1 (41)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HD 377 - ROLL 1 (41)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 377 - ROLL 1 (41)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 377 - ROLL 1 (41)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 377 - ROLL 1 (41)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
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	(HD 377 - ROLL 1 (41)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
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	(HD 377 - ROLL 1 (41)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 377 - ROLL 1 (41)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	HD-377	RA: 00 08 25.7458 (2.1072742d) Dec: +06 37 0.49 (6.61680d) Equinox: J2000	Proper Motion RA: 88.02 mas/yr Proper Motion Dec: -1.31 mas/yr Parallax: 0.02640" Epoch of Position: 2000 Radial Velocity: 1.22 km/sec	V=7.572+/-0.01 B-V=0.631	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	G2V star.					
	Category=STAR					
	Description=[CIRCUMSTELLAR MATTER, DISK, G V-IV]					

Proposal 15218 - HD 377 - ROLL 1 (41) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 377 AC Q (STIS.ta.101 3924)	(4) HD-377	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-5 Non-In t in HD 377 - ROLL 1 (41)	0.4 Secs (0.4 Secs) [==>]	[1]
	Comments: SNR=100 for a G2V star with V=7.59									
	2	HD 377 SH ORT (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-5 Non-In t in HD 377 - ROLL 1 (41)	268 Secs (268 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 33.5s.									
	3	HD 377 SH ORT (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-5 Non-In t in HD 377 - ROLL 1 (41)	234.5 Secs (234.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 33.5s.										
Exposures	4	HD 377 SH ORT (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-5 Non-In t in HD 377 - ROLL 1 (41)	234.5 Secs (234.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 33.5s.									
	5	HD 377 LO NG (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8		Sequence 1-5 Non-In t in HD 377 - ROLL 1 (41)	795.2 Secs (795.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 99.4s.									

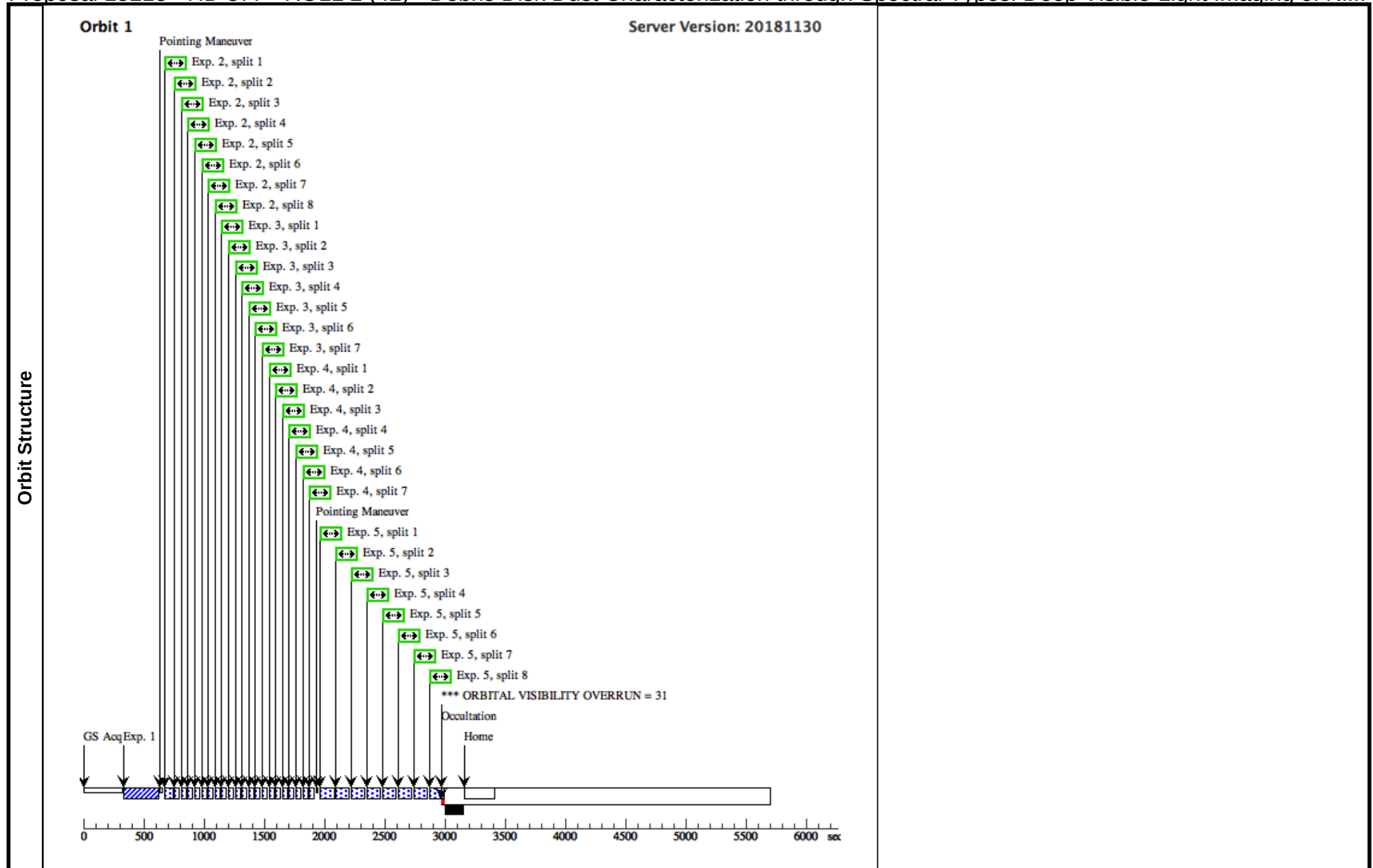


Proposal 15218 - HD 377 - ROLL 2 (42) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

	Proposal 15218, HD 377 - ROLL 2 (42), completed						Mon Mar 11 11:02:21 GMT 2019
Visit	Diagnostic Status: Warning						
	Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 80%; ORIENT 357D TO 7 D; ORIENT 177D TO 187 D; AFTER 41 BY 0.5 Orbits TO 1.5 Orbits <i>Comments: This is the visit with absolute orient constraints for this science target. This visit has orients constraints to place the disk's major axis (PA=47D) perpendicular to Wedge A. Wedge A is parrallel with +Y, and HST U3 is +45D from STIS +Y. To orient the disk's major axis perpendicular to Wedge A, we thus add 315D to its PA, ORIENT=2D (+/-5D). This constraint is modulo 180D (2D or 182D).</i>						
Diagnostics	(HD 377 - ROLL 2 (42)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
	(HD 377 - ROLL 2 (42)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	
	(4)	HD-377	RA: 00 08 25.7458 (2.1072742d) Dec: +06 37 0.49 (6.61680d) Equinox: J2000	Proper Motion RA: 88.02 mas/yr Proper Motion Dec: -1.31 mas/yr Parallax: 0.02640" Epoch of Position: 2000 Radial Velocity: 1.22 km/sec	V=7.572+/-0.01 B-V=0.631	Reference Frame: ICRS	
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						
	G2V star.						
	Category=STAR						
	Description=[CIRCUMSTELLAR MATTER, DISK, G V-IV]						

Proposal 15218 - HD 377 - ROLL 2 (42) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 377 AC Q (STIS.ta.101 3924)	(4) HD-377	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-5 Non-In t in HD 377 - ROLL 2 (42)	0.4 Secs (0.4 Secs) [==>]	[1]
	Comments: SNR=100 for a G2V star with V=7.59									
	2	HD 377 SH ORT (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-5 Non-In t in HD 377 - ROLL 2 (42)	268 Secs (268 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 33.5s.									
	3	HD 377 SH ORT (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-5 Non-In t in HD 377 - ROLL 2 (42)	234.5 Secs (234.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 33.5s.										
Exposures	4	HD 377 SH ORT (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-5 Non-In t in HD 377 - ROLL 2 (42)	234.5 Secs (234.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 33.5s.									
	5	HD 377 LO NG (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8		Sequence 1-5 Non-In t in HD 377 - ROLL 2 (42)	795.2 Secs (795.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 99.4s.									

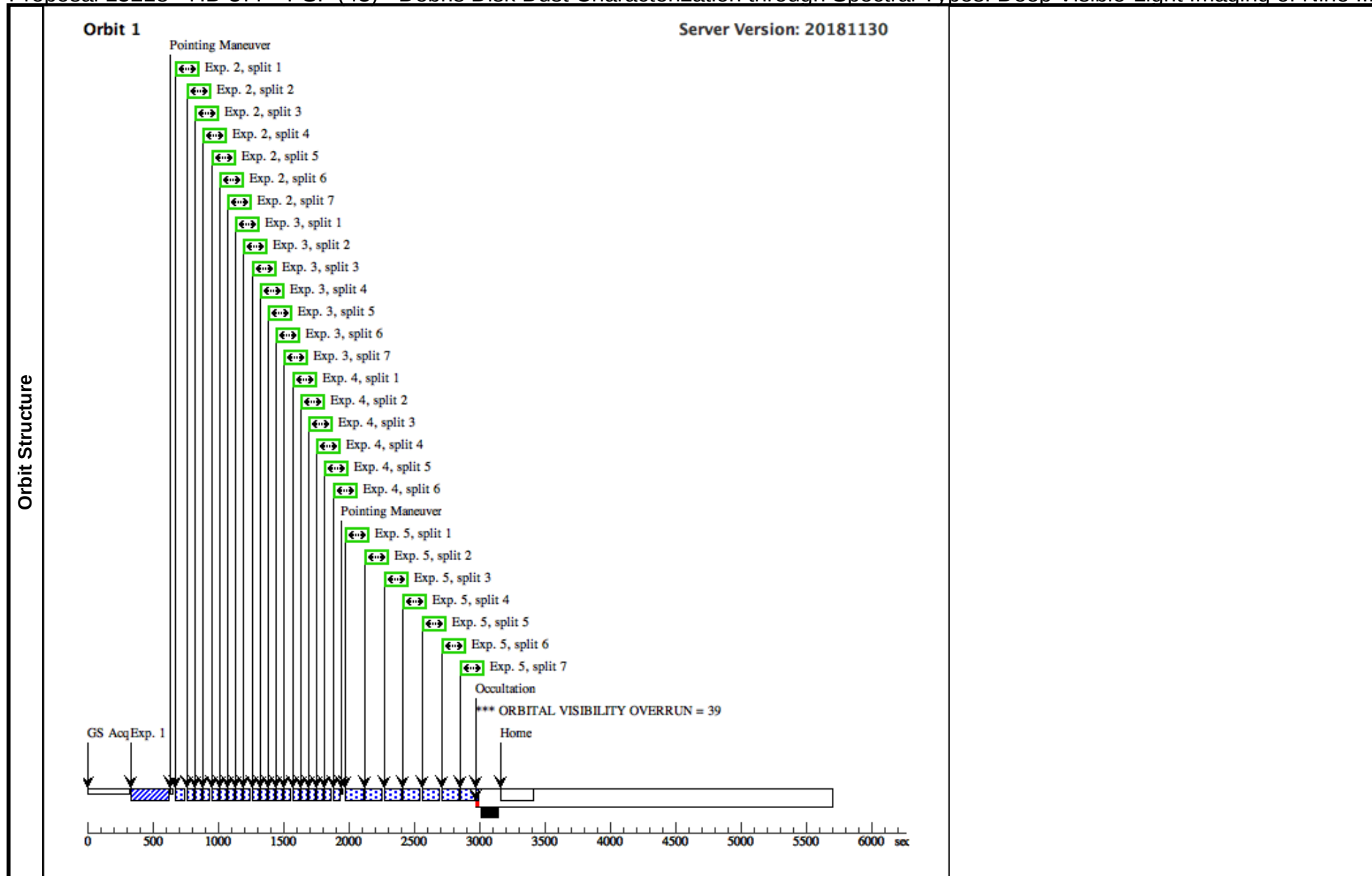


Proposal 15218 - HD 377 - PSF (43) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nine ...

Visit	Proposal 15218, HD 377 - PSF (43), failed					Mon Mar 11 11:02:21 GMT 2019
	Diagnostic Status: Warning					
Scientific Instruments: STIS/CCD						
Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 80%; AFTER 42 BY 0.5 Orbits TO 1.5 Orbits						
Diagnostics	(HD 377 - PSF (43)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HD 377 - PSF (43)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 377 - PSF (43)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
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	(HD 377 - PSF (43)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 377 - PSF (43)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(13)		PSF-HD-377--HD-2004	RA: 00 24 17.3464 (6.0722767d)	Proper Motion RA: 51.85 mas/yr	V=7.755+/-0.01	Reference Frame: ICRS
		Alt Name1: HD-2004	Dec: +01 33 22.14 (1.55615d)	Proper Motion Dec: -105.05 mas/yr	B-V=0.618	
			Equinox: J2000	Parallax: 0.01033"		
				Epoch of Position: 2000		
				Radial Velocity: 10.10 km/sec		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.						
Reference star for HD 377; It is 6.4D away;						
Delta(B-V)=-0.03						
Delta(V)=-0.18						
Spectral type is G3V.						
Category=STAR						
Description=[G V-IV]						

Proposal 15218 - HD 377 - PSF (43) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nine ...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 2004 A CQ (STIS.ta.101 3943)	(13) PSF-HD-377--H D-2004	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-5 Non-In t in HD 377 - PSF (4 3)	0.5 Secs (0.5 Secs) [==>]	[1]
	Comments: SNR=100 for a G3V star with V=7.755									
	2	HD 2004 S HORT (STIS.im.10 13945)	(13) PSF-HD-377--H D-2004	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-5 Non-In t in HD 377 - PSF (4 3)	277.9 Secs (277.9 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 39.7s.									
	3	HD 2004 S HORT (STIS.im.10 13945)	(13) PSF-HD-377--H D-2004	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-5 Non-In t in HD 377 - PSF (4 3)	277.9 Secs (277.9 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 39.7s.										
Exposures	4	HD 2004 S HORT (STIS.im.10 13945)	(13) PSF-HD-377--H D-2004	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-5 Non-In t in HD 377 - PSF (4 3)	238.2 Secs (238.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 39.7s.									
	5	HD 2004 L ONG (STIS.im.10 13945)	(13) PSF-HD-377--H D-2004	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=7		Sequence 1-5 Non-In t in HD 377 - PSF (4 3)	823.9 Secs (823.9 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 117.7s.									

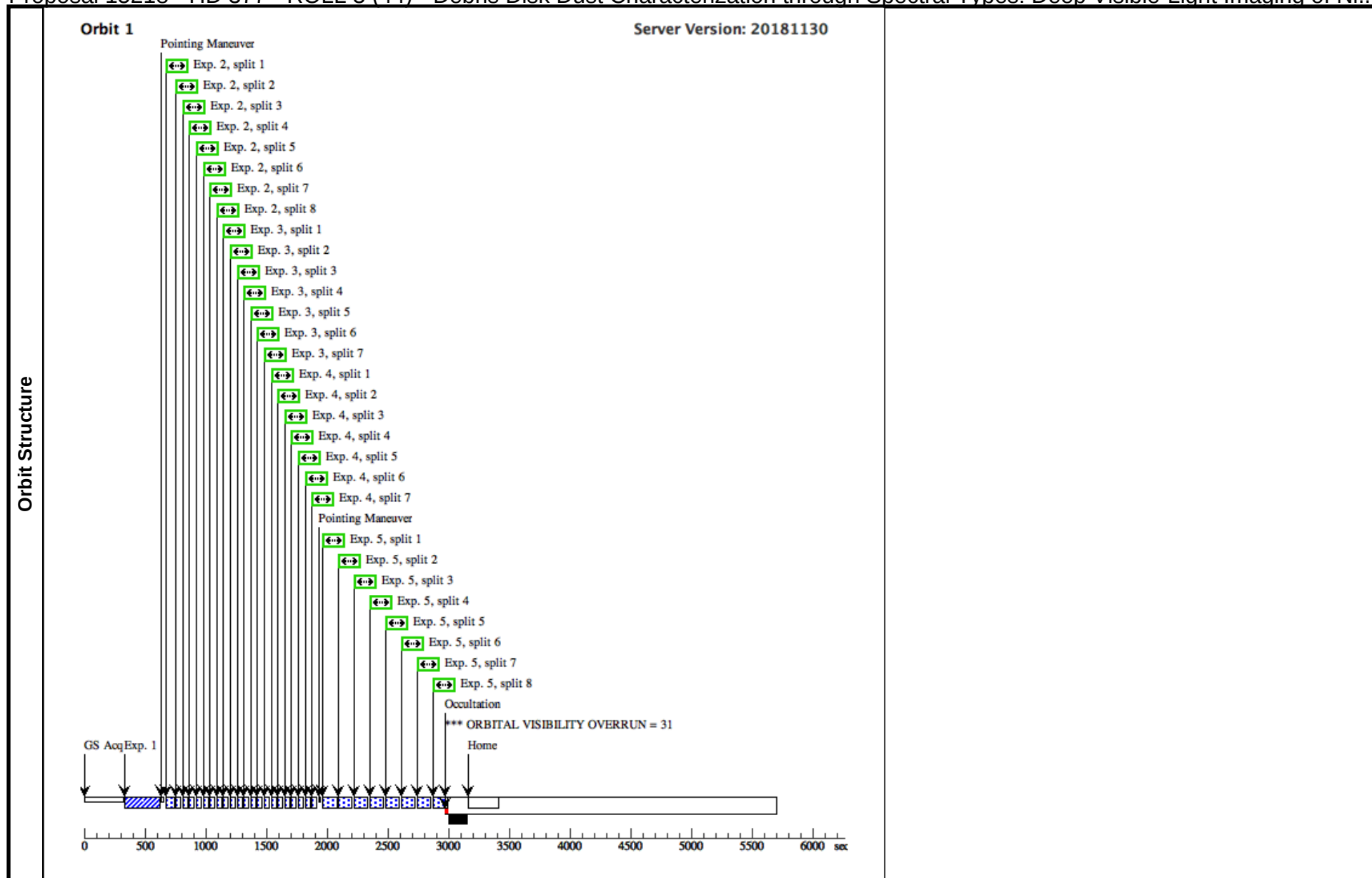


Proposal 15218 - HD 377 - ROLL 3 (44) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

Visit	Proposal 15218, HD 377 - ROLL 3 (44), failed					Mon Mar 11 11:02:21 GMT 2019	
	Diagnostic Status: Warning						
	Scientific Instruments: STIS/CCD						
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 80%; ORIENT -25D TO -20D FROM 42; AFTER 43 BY 0.5 Orbits TO 1.5 Orbits						
Diagnostics	(HD 377 - ROLL 3 (44)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
	(HD 377 - ROLL 3 (44)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(HD 377 - ROLL 3 (44)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
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	(HD 377 - ROLL 3 (44)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
		(4)	HD-377	RA: 00 08 25.7458 (2.1072742d)	Proper Motion RA: 88.02 mas/yr	V=7.572+/-0.01	Reference Frame: ICRS
Dec: +06 37 0.49 (6.61680d)				Proper Motion Dec: -1.31 mas/yr	B-V=0.631		
Equinox: J2000				Parallax: 0.02640"			
Epoch of Position: 2000							
Radial Velocity: 1.22 km/sec							
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.							
G2V star.							
Category=STAR							
Description=[CIRCUMSTELLAR MATTER, DISK, G V-IV]							

Proposal 15218 - HD 377 - ROLL 3 (44) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 377 AC Q (STIS.ta.101 3924)	(4) HD-377	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-5 Non-In t in HD 377 - ROLL 3 (44)	0.4 Secs (0.4 Secs) [==>]	[1]
	Comments: SNR=100 for a G2V star with V=7.59									
	2	HD 377 SH ORT (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-5 Non-In t in HD 377 - ROLL 3 (44)	268 Secs (268 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 33.5s.									
	3	HD 377 SH ORT (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-5 Non-In t in HD 377 - ROLL 3 (44)	234.5 Secs (234.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 33.5s.										
Exposures	4	HD 377 SH ORT (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-5 Non-In t in HD 377 - ROLL 3 (44)	234.5 Secs (234.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 33.5s.									
	5	HD 377 LO NG (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8		Sequence 1-5 Non-In t in HD 377 - ROLL 3 (44)	795.2 Secs (795.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 99.4s.									

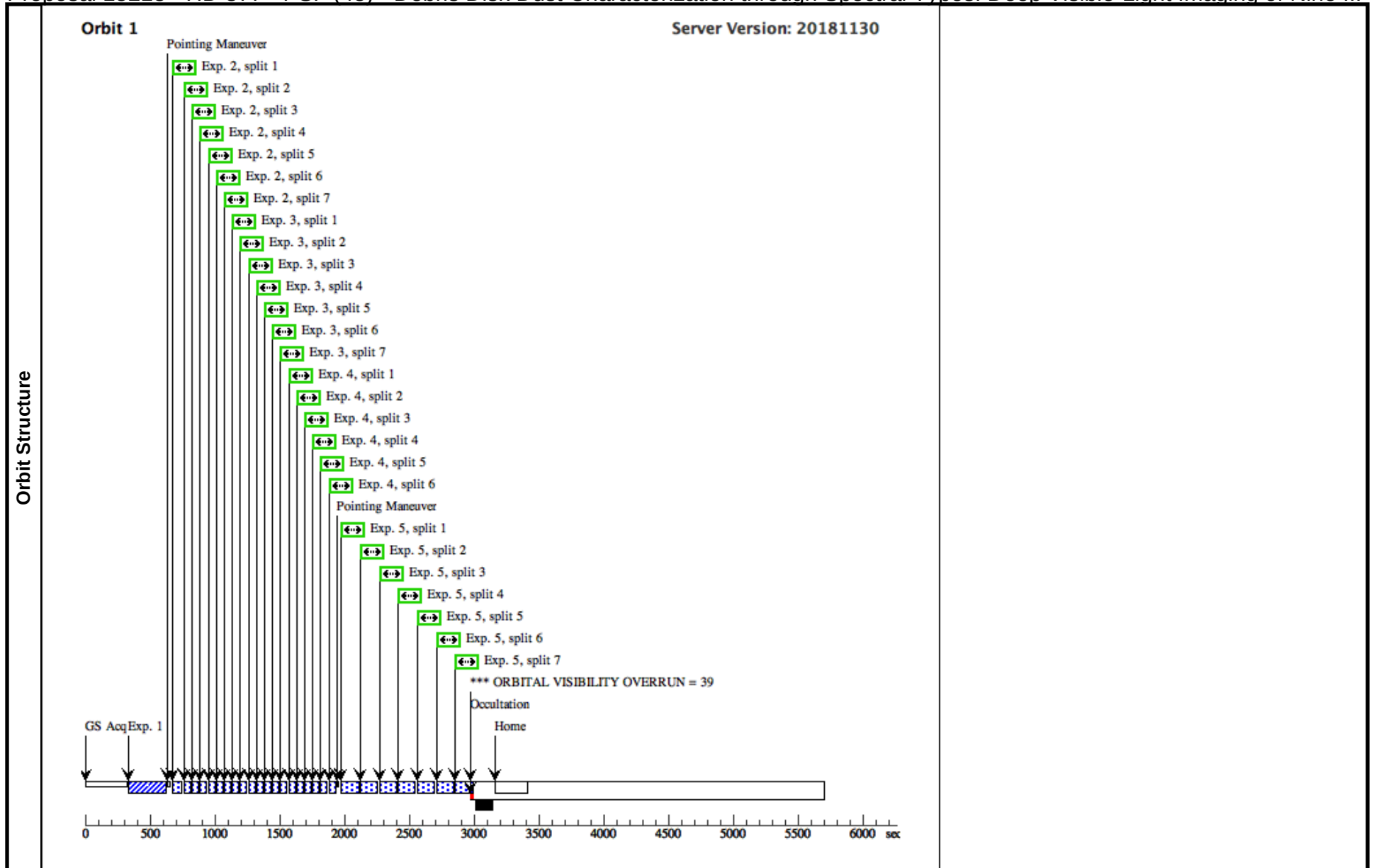


Proposal 15218 - HD 377 - PSF (45) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nine ...

Visit	Proposal 15218, HD 377 - PSF (45), implementation					Mon Mar 11 11:02:21 GMT 2019	
	Diagnostic Status: Warning						
	Scientific Instruments: STIS/CCD						
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 80%						
Comments: This is a repeat of visit 43.							
Diagnostics	(HD 377 - PSF (45)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
	(HD 377 - PSF (45)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(HD 377 - PSF (45)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
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	(HD 377 - PSF (45)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(HD 377 - PSF (45)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
		(13)	PSF-HD-377--HD-2004	RA: 00 24 17.3464 (6.0722767d)	Proper Motion RA: 51.85 mas/yr	V=7.755+/-0.01	Reference Frame: ICRS
		Alt Name1: HD-2004	Dec: +01 33 22.14 (1.55615d)	Proper Motion Dec: -105.05 mas/yr	B-V=0.618		
			Equinox: J2000	Parallax: 0.01033"			
				Epoch of Position: 2000			
				Radial Velocity: 10.10 km/sec			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.							
Reference star for HD 377; It is 6.4D away;							
Delta(B-V)=-0.03							
Delta(V)=-0.18							
Spectral type is G3V.							
Category=STAR							
Description=[G V-IV]							

Proposal 15218 - HD 377 - PSF (45) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nine ...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 2004 A CQ (STIS.ta.101 3943)	(13) PSF-HD-377--H D-2004	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1BN3	Sequence 1-5 Non-In t in HD 377 - PSF (4 5)	0.5 Secs (0.5 Secs) [==>]	[1]
	Comments: SNR=100 for a G3V star with V=7.755									
	2	HD 2004 S HORT (STIS.im.10 13945)	(13) PSF-HD-377--H D-2004	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-5 Non-In t in HD 377 - PSF (4 5)	277.9 Secs (277.9 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 39.7s.									
	3	HD 2004 S HORT (STIS.im.10 13945)	(13) PSF-HD-377--H D-2004	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-5 Non-In t in HD 377 - PSF (4 5)	277.9 Secs (277.9 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 39.7s.										
	4	HD 2004 S HORT (STIS.im.10 13945)	(13) PSF-HD-377--H D-2004	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-5 Non-In t in HD 377 - PSF (4 5)	238.2 Secs (238.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 39.7s.									
	5	HD 2004 L ONG (STIS.im.10 13945)	(13) PSF-HD-377--H D-2004	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=7		Sequence 1-5 Non-In t in HD 377 - PSF (4 5)	823.9 Secs (823.9 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 117.7s.									

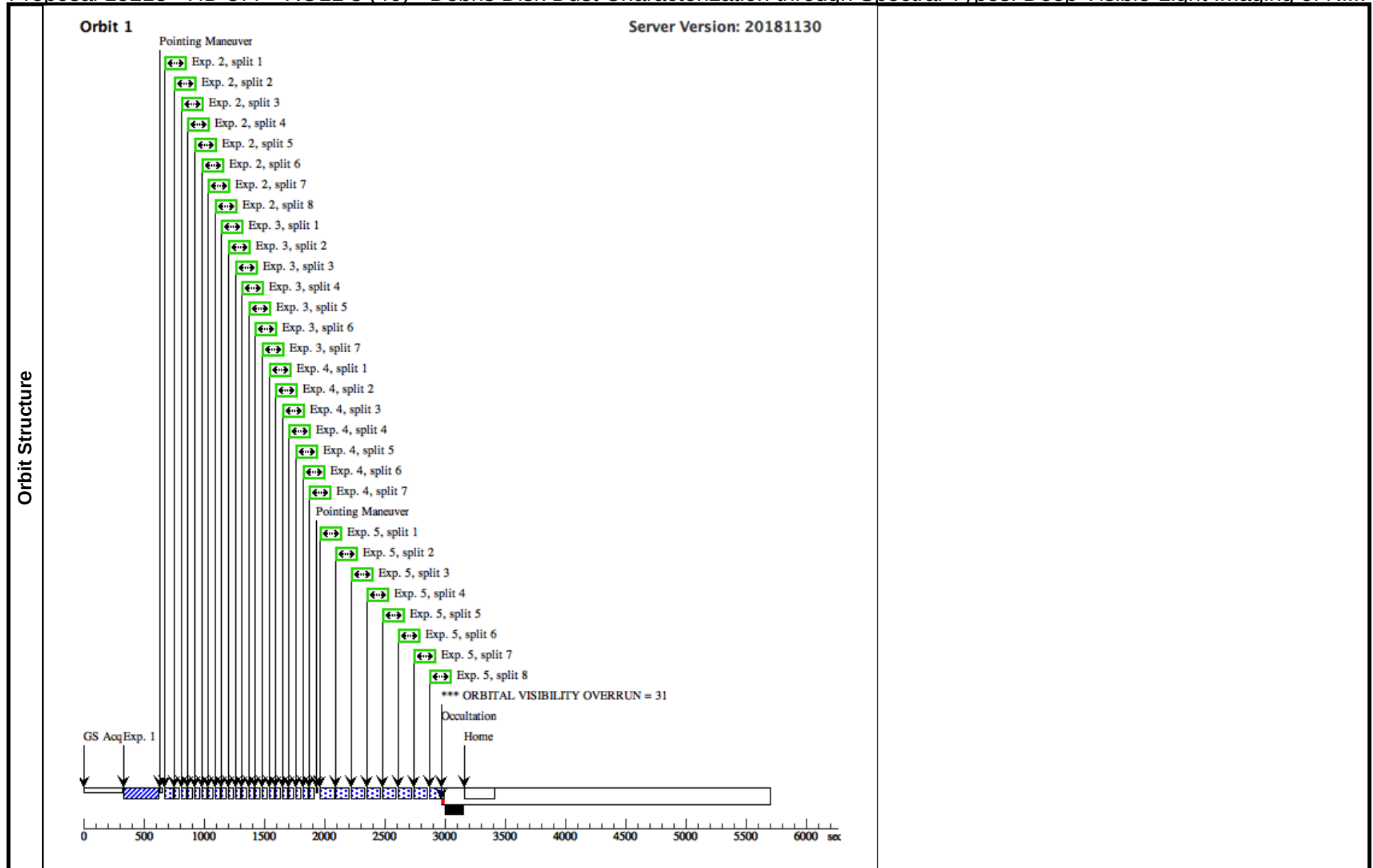


Proposal 15218 - HD 377 - ROLL 3 (46) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

Proposal 15218, HD 377 - ROLL 3 (46), implementation						Mon Mar 11 11:02:21 GMT 2019
Visit	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD					
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SCHED 80%; ORIENT 179.3D TO 179.3 D; AFTER 45 BY 0.5 Orbits TO 1.2 Orbits					
	Comments: This is a repeat of visit 44 which failed.					
Diagnostics	(HD 377 - ROLL 3 (46)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HD 377 - ROLL 3 (46)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 377 - ROLL 3 (46)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 377 - ROLL 3 (46)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
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	(HD 377 - ROLL 3 (46)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 377 - ROLL 3 (46)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 377 - ROLL 3 (46)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(4)		HD-377	RA: 00 08 25.7458 (2.1072742d)	Proper Motion RA: 88.02 mas/yr	V=7.572+/-0.01	Reference Frame: ICRS
			Dec: +06 37 0.49 (6.61680d)	Proper Motion Dec: -1.31 mas/yr	B-V=0.631	
			Equinox: J2000	Parallax: 0.02640"		
				Epoch of Position: 2000		
				Radial Velocity: 1.22 km/sec		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.						
G2V star.						
Category=STAR						
Description=[CIRCUMSTELLAR MATTER, DISK, G V-IV]						

Proposal 15218 - HD 377 - ROLL 3 (46) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 377 AC Q (STIS.ta.101 3924)	(4) HD-377	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1BN3	Sequence 1-5 Non-In t in HD 377 - ROLL 3 (46)	0.4 Secs (0.4 Secs) [==>]	[1]
	Comments: SNR=100 for a G2V star with V=7.59									
	2	HD 377 SH ORT (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-5 Non-In t in HD 377 - ROLL 3 (46)	268 Secs (268 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 33.5s.									
	3	HD 377 SH ORT (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-5 Non-In t in HD 377 - ROLL 3 (46)	234.5 Secs (234.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 33.5s.										
Exposures	4	HD 377 SH ORT (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-5 Non-In t in HD 377 - ROLL 3 (46)	234.5 Secs (234.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 33.5s.									
	5	HD 377 LO NG (STIS.im.10 13929)	(4) HD-377	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8		Sequence 1-5 Non-In t in HD 377 - ROLL 3 (46)	795.2 Secs (795.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 99.4s.									

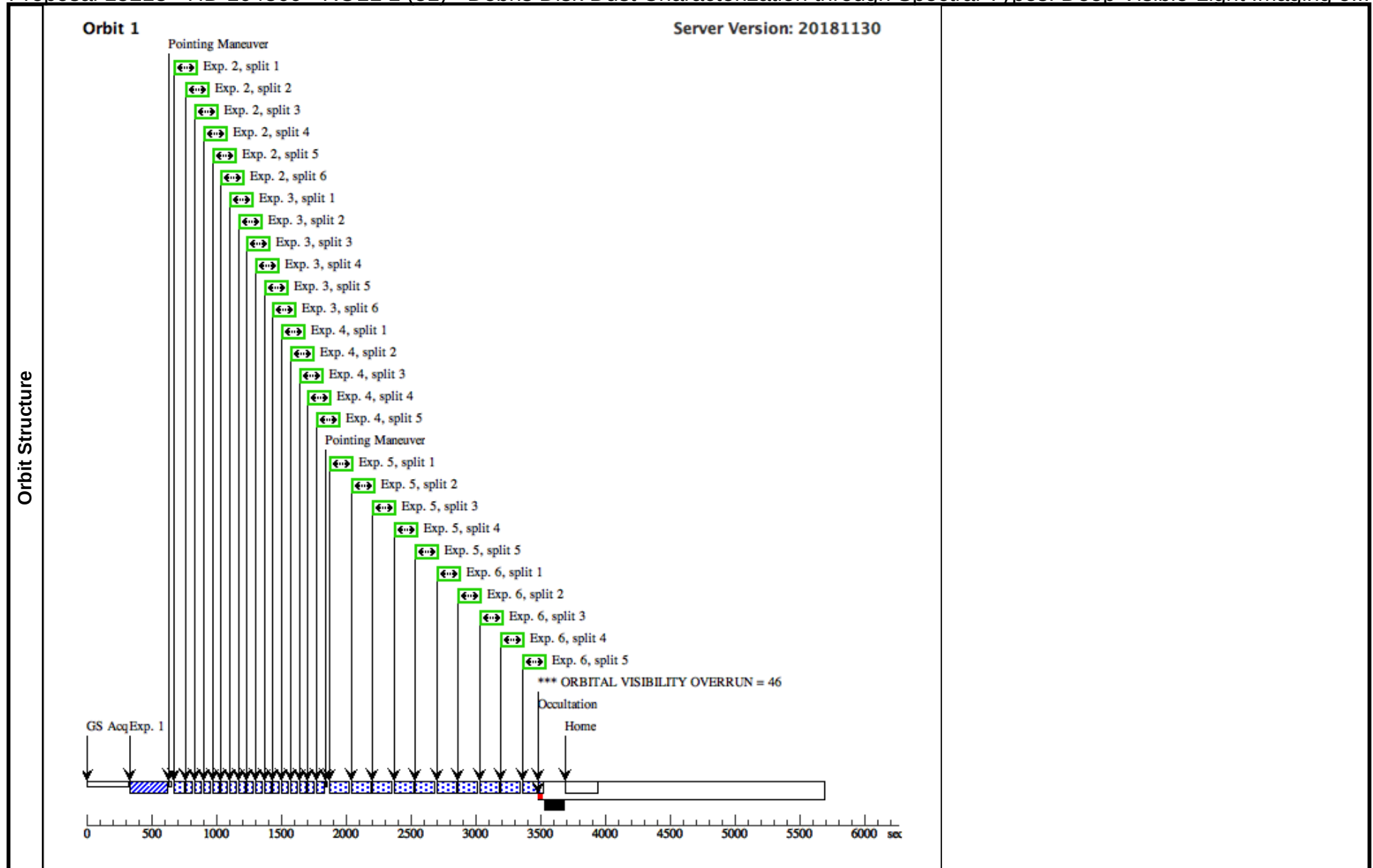


Proposal 15218 - HD 104860 - ROLL 1 (51) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Visit	Proposal 15218, HD 104860 - ROLL 1 (51), scheduling					Mon Mar 11 11:02:21 GMT 2019	
	Diagnostic Status: Warning						
	Scientific Instruments: STIS/CCD						
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 14D TO 25D FROM 52						
Diagnostics	(HD 104860 - ROLL 1 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
	(HD 104860 - ROLL 1 (51)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(HD 104860 - ROLL 1 (51)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(HD 104860 - ROLL 1 (51)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(HD 104860 - ROLL 1 (51)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
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	(HD 104860 - ROLL 1 (51)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(HD 104860 - ROLL 1 (51)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(HD 104860 - ROLL 1 (51)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
		(5)	HD-104860	RA: 12 04 33.7309 (181.1405454d)	Proper Motion RA: -56.72 mas/yr	V=7.91+/-0.01	Reference Frame: ICRS
			Dec: +66 20 11.71 (66.33659d)	Proper Motion Dec: 51.92 mas/yr	B-V=0.653		
			Equinox: J2000	Parallax: 0.02222"			
				Epoch of Position: 2000			
				Radial Velocity: -11.73 km/sec			
			Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.				
			F8 star.				
			Category=STAR				
			Description=[CIRCUMSTELLAR MATTER, DISK, F3-F9]				

Proposal 15218 - HD 104860 - ROLL 1 (51) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 104860 ACQ (STIS.ta.100 6964)	(5) HD-104860	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-6 Non-In t in HD 104860 - RO LL 1 (51)	0.6 Secs (0.6 Secs) [==>]	[1]
	Comments: SNR=100 for a F8 star with V=7.91									
	2	HD 104860 SHORT (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-6 Non-In t in HD 104860 - RO LL 1 (51)	270. Secs (270 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 45.7s (exptime down to 45s to pack the orbit).									
	3	HD 104860 SHORT (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-6 Non-In t in HD 104860 - RO LL 1 (51)	270. Secs (270 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 45.7s (exptime down to 45s to pack the orbit).									
	4	HD 104860 SHORT (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=5		Sequence 1-6 Non-In t in HD 104860 - RO LL 1 (51)	225. Secs (225 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 45.7s (exptime down to 45s to pack the orbit).									
	5	HD 104860 LONG (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5		Sequence 1-6 Non-In t in HD 104860 - RO LL 1 (51)	677.5 Secs (677.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 135.5s.									
	6	HD 104860 LONG (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5		Sequence 1-6 Non-In t in HD 104860 - RO LL 1 (51)	677.5 Secs (677.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 135.5s.									

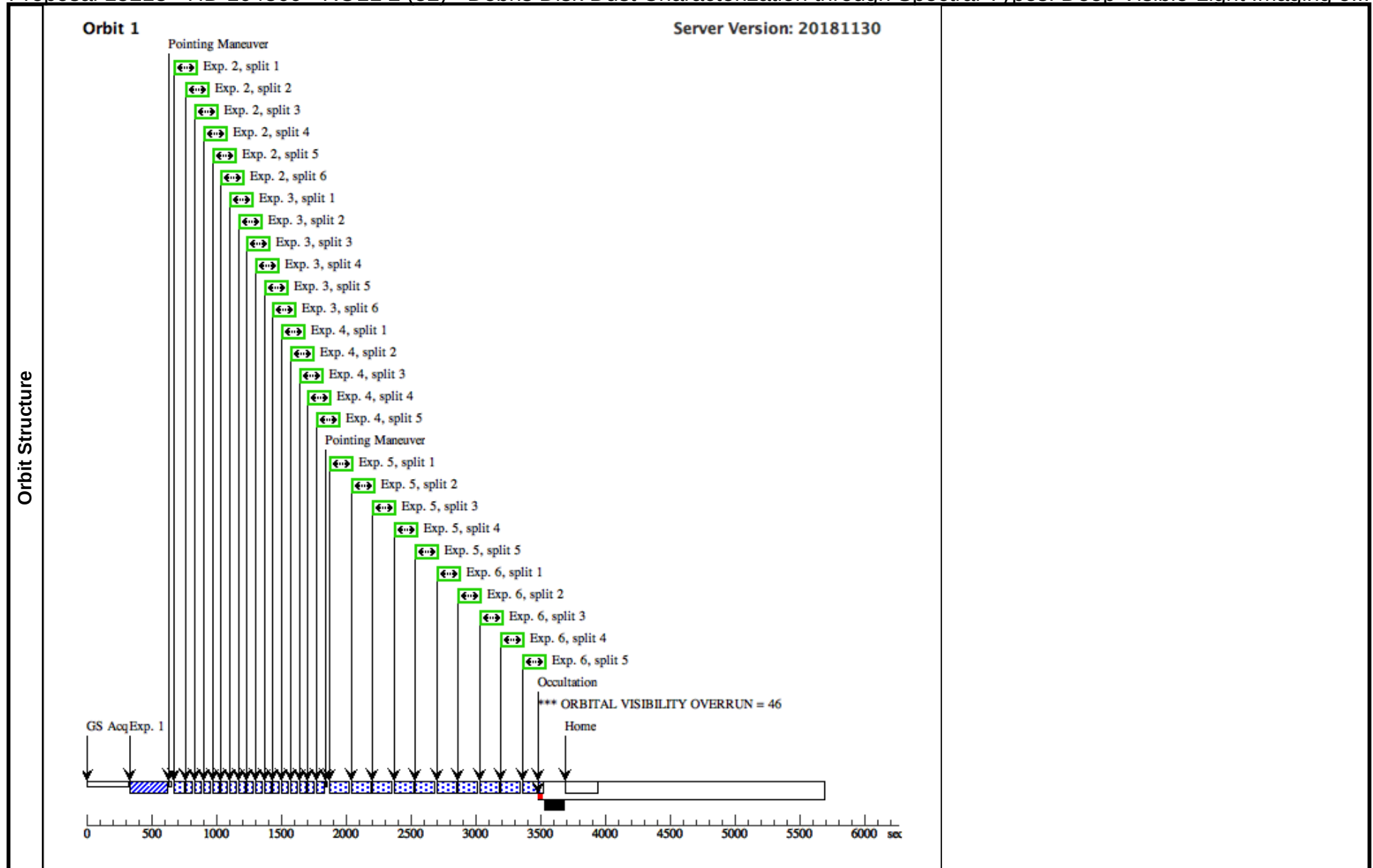


Proposal 15218 - HD 104860 - ROLL 2 (52) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Proposal 15218, HD 104860 - ROLL 2 (52), scheduling						Mon Mar 11 11:02:21 GMT 2019
Visit	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD					
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 311D TO 321 D; ORIENT 131D TO 146 D; AFTER 51 BY 0.5 Orbits TO 1.5 Orbits					
	Comments: This is the visit with absolute orient constraints for this science target. This visit has orients constraints to place the disk's major axis (PA=1D) perpendicular to Wedge A. Wedge A is parrallel with +Y, and HST U3 is +45D from STIS +Y. To orient the disk's major axis perpendicular to Wedge A, we thus add 315D to its PA, ORIENT=316D (+/-5D). This constraint is modulo 180D (316D or 136D), but we have a preference for 316D.					
Diagnostics	(HD 104860 - ROLL 2 (52)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HD 104860 - ROLL 2 (52)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 104860 - ROLL 2 (52)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 104860 - ROLL 2 (52)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
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	(HD 104860 - ROLL 2 (52)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 104860 - ROLL 2 (52)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(5)		HD-104860	RA: 12 04 33.7309 (181.1405454d)	Proper Motion RA: -56.72 mas/yr	V=7.91+/-0.01	Reference Frame: ICRS
			Dec: +66 20 11.71 (66.33659d)	Proper Motion Dec: 51.92 mas/yr	B-V=0.653	
			Equinox: J2000	Parallax: 0.02222"		
				Epoch of Position: 2000		
				Radial Velocity: -11.73 km/sec		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. F8 star. Category=STAR Description=[CIRCUMSTELLAR MATTER, DISK, F3-F9]						

Proposal 15218 - HD 104860 - ROLL 2 (52) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 104860 ACQ (STIS.ta.100 6964)	(5) HD-104860	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-6 Non-In t in HD 104860 - RO LL 2 (52)	0.6 Secs (0.6 Secs) [==>]	[1]
	Comments: SNR=100 for a F8 star with V=7.91									
	2	HD 104860 SHORT (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-6 Non-In t in HD 104860 - RO LL 2 (52)	270. Secs (270 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 45.7s (exptime down to 45s to pack the orbit).									
	3	HD 104860 SHORT (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-6 Non-In t in HD 104860 - RO LL 2 (52)	270. Secs (270 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 45.7s (exptime down to 45s to pack the orbit).									
Exposures	4	HD 104860 SHORT (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=5		Sequence 1-6 Non-In t in HD 104860 - RO LL 2 (52)	225. Secs (225 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 45.7s (exptime down to 45s to pack the orbit).									
	5	HD 104860 LONG (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5		Sequence 1-6 Non-In t in HD 104860 - RO LL 2 (52)	677.5 Secs (677.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 135.5s.									
	6	HD 104860 LONG (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5		Sequence 1-6 Non-In t in HD 104860 - RO LL 2 (52)	677.5 Secs (677.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 135.5s.									



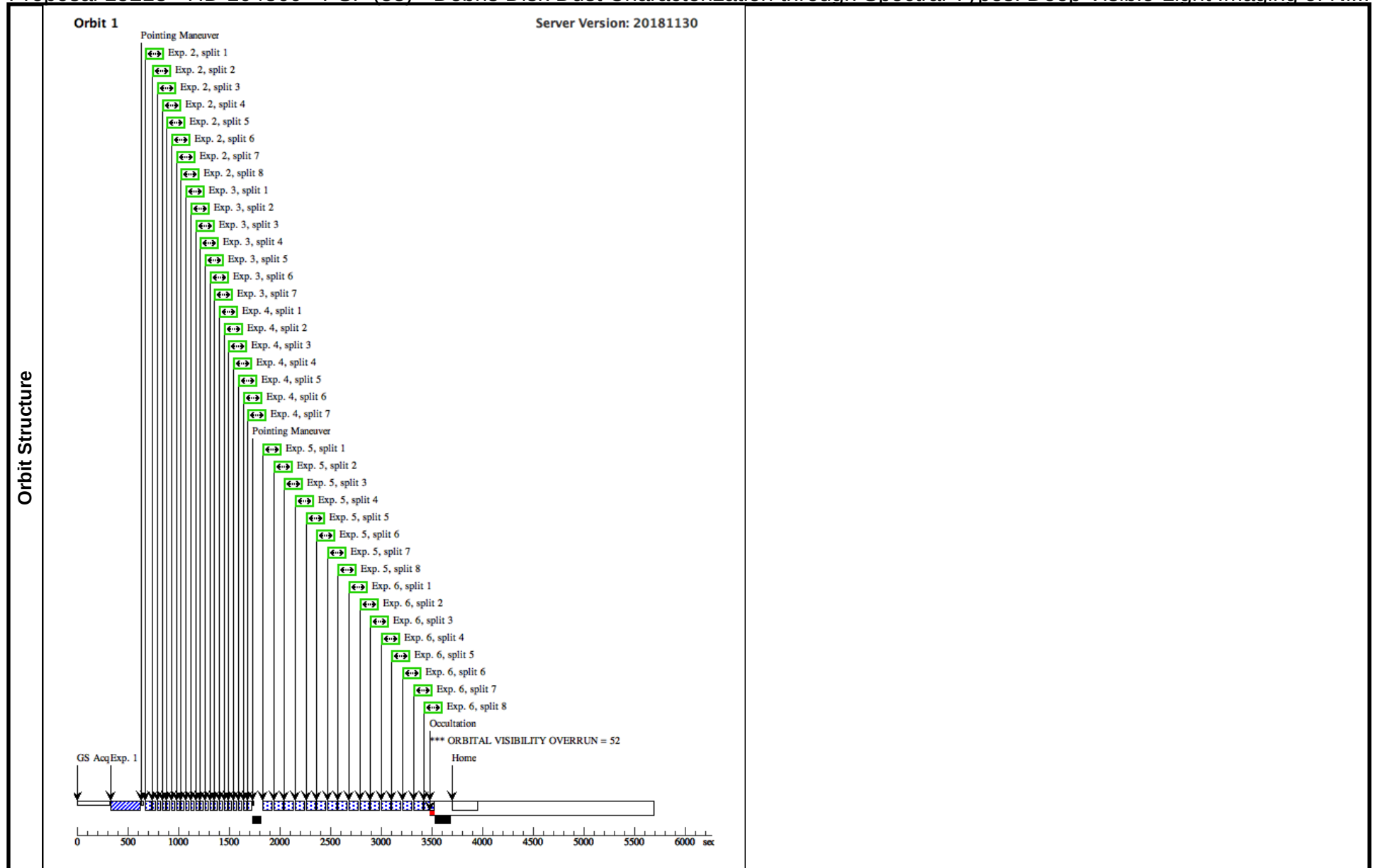
Visit	Proposal 15218, HD 104860 - PSF (53), scheduling					Mon Mar 11 11:02:22 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD					
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; AFTER 52 BY 0.5 Orbits TO 1.5 Orbits					
Diagnostics	(HD 104860 - PSF (53)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HD 104860 - PSF (53)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 104860 - PSF (53)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 104860 - PSF (53)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
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	(HD 104860 - PSF (53)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 104860 - PSF (53)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 104860 - PSF (53)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 104860 - PSF (53)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(14)		PSF-HD-104860--HD-103539	RA: 11 55 40.5127 (178.9188029d)	Proper Motion RA: 29.64 mas/yr	V=7.29+/-0.01	Reference Frame: ICRS
			Dec: +67 15 53.71 (67.26492d)	Proper Motion Dec: -9.81 mas/yr	B-V=0.607	
		Alt Name1: HD-103539	Equinox: J2000	Parallax: 0.01087"		
				Epoch of Position: 2000		
				Radial Velocity: -64.10 km/sec		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.						
Reference star for HD 104860; It is 2.4D away;						
Delta(B-V)=0.04						
Delta(V)=0.62						
Spectral type is G0.						
Category=STAR						
Description=[G V-IV]						

Proposal 15218 - HD 104860 - PSF (53) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 103539 ACQ (STIS.ta.100 6975)	(14) PSF-HD-10486 0--HD-103539	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-6 Non-In t in HD 104860 - PS F (53)	0.3 Secs (0.3 Secs) [==>]	[1]
	Comments: SNR=100 for a G0 star with V=7.29									
	2	HD 103539 SHORT (STIS.im.10 07441)	(14) PSF-HD-10486 0--HD-103539	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-6 Non-In t in HD 104860 - PS F (53)	200 Secs (200 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 25.9s. (down to 25s for orbit packing)									
Exposures	3	HD 103539 SHORT (STIS.im.10 07441)	(14) PSF-HD-10486 0--HD-103539	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-6 Non-In t in HD 104860 - PS F (53)	175 Secs (175 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 25.9s. (down to 25s for orbit packing)									
	4	HD 103539 SHORT (STIS.im.10 07441)	(14) PSF-HD-10486 0--HD-103539	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-6 Non-In t in HD 104860 - PS F (53)	175 Secs (175 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 25.9s. (down to 25s for orbit packing)									
	5	HD 103539 LONG (STIS.im.10 07441)	(14) PSF-HD-10486 0--HD-103539	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8		Sequence 1-6 Non-In t in HD 104860 - PS F (53)	613.6 Secs (613.6 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 76.7s.									

Proposal 15218 - HD 104860 - PSF (53) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

6	HD 103539 LONG (STIS.im.10 07441)	(14) PSF-HD-10486 0--HD-103539	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-6 Non-Int in HD 104860 - PSF (53)	613.6 Secs (613.6 Secs)	[1]
						[==>(Split 1)]	
						[==>(Split 2)]	
						[==>(Split 3)]	
						[==>(Split 4)]	
						[==>(Split 5)]	
						[==>(Split 6)]	
						[==>(Split 7)]	
						[==>(Split 8)]	
Comments: 90% full well capacity around WEDGEA0.6 is reached in 76.7s.							

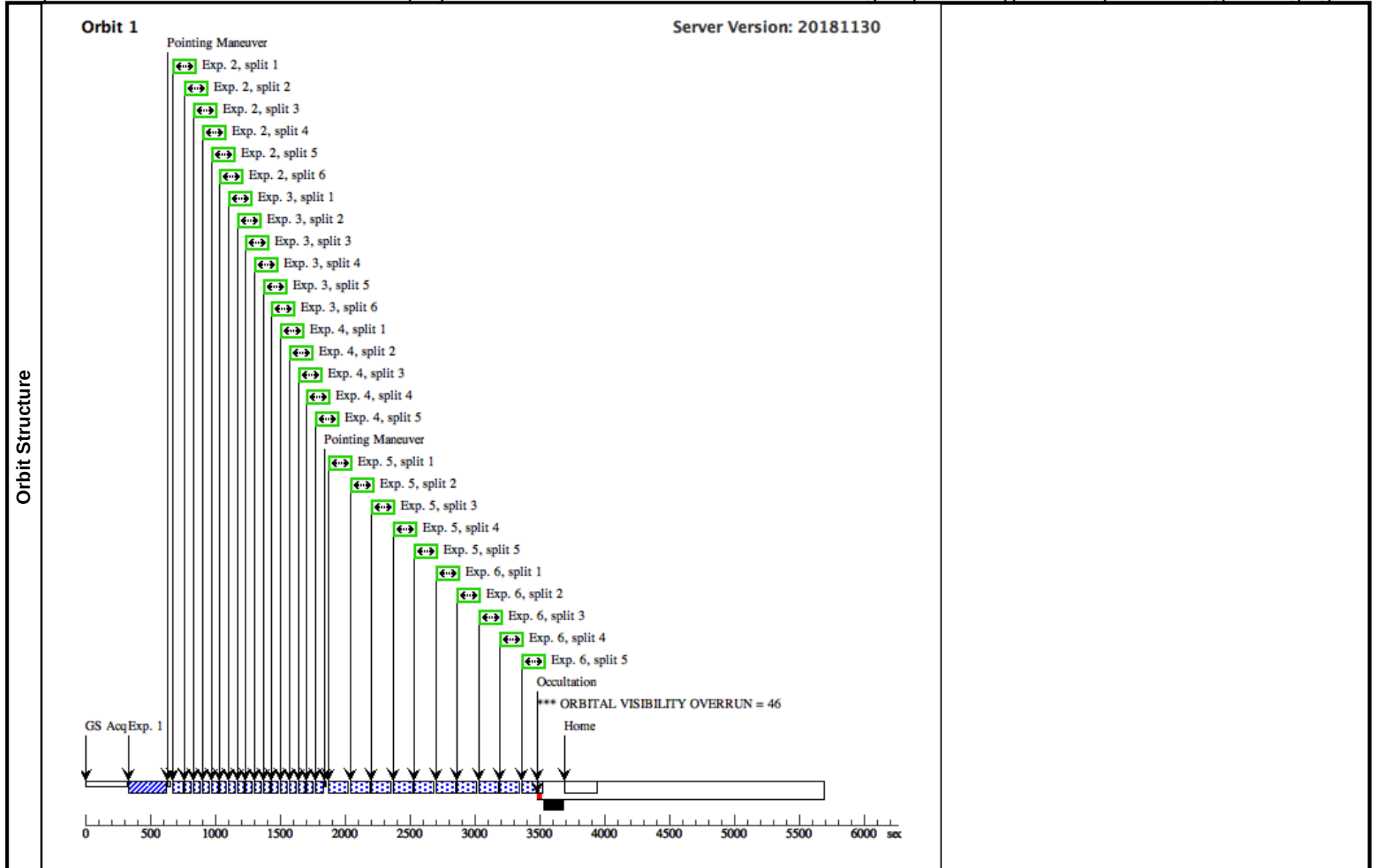


Proposal 15218 - HD 104860 - ROLL 3 (54) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Visit	Proposal 15218, HD 104860 - ROLL 3 (54), scheduling Mon Mar 11 11:02:22 GMT 2019 Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT -25D TO -14D FROM 52; AFTER 53 BY 0.5 Orbits TO 1.5 Orbits																
Diagnostics	(HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (HD 104860 - ROLL 3 (54)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR																
Fixed Targets	<table> <tr> <th>#</th><th>Name</th><th>Target Coordinates</th><th>Targ. Coord. Corrections</th><th>Fluxes</th><th>Miscellaneous</th></tr> <tr> <td>(5)</td><td>HD-104860</td><td>RA: 12 04 33.7309 (181.1405454d) Dec: +66 20 11.71 (66.33659d) Equinox: J2000</td><td>Proper Motion RA: -56.72 mas/yr Proper Motion Dec: 51.92 mas/yr Parallax: 0.02222" Epoch of Position: 2000 Radial Velocity: -11.73 km/sec</td><td>V=7.91+/-0.01 B-V=0.653</td><td>Reference Frame: ICRS</td></tr> </table> Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. F8 star. Category=STAR Description=[CIRCUMSTELLAR MATTER, DISK, F3-F9]					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(5)	HD-104860	RA: 12 04 33.7309 (181.1405454d) Dec: +66 20 11.71 (66.33659d) Equinox: J2000	Proper Motion RA: -56.72 mas/yr Proper Motion Dec: 51.92 mas/yr Parallax: 0.02222" Epoch of Position: 2000 Radial Velocity: -11.73 km/sec	V=7.91+/-0.01 B-V=0.653	Reference Frame: ICRS
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(5)	HD-104860	RA: 12 04 33.7309 (181.1405454d) Dec: +66 20 11.71 (66.33659d) Equinox: J2000	Proper Motion RA: -56.72 mas/yr Proper Motion Dec: 51.92 mas/yr Parallax: 0.02222" Epoch of Position: 2000 Radial Velocity: -11.73 km/sec	V=7.91+/-0.01 B-V=0.653	Reference Frame: ICRS												

Proposal 15218 - HD 104860 - ROLL 3 (54) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 104860 ACQ (STIS.ta.100 6964)	(5) HD-104860	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-6 Non-In t in HD 104860 - RO LL 3 (54)	0.6 Secs (0.6 Secs) [==>]	[1]
	Comments: SNR=100 for a F8 star with V=7.91									
	2	HD 104860 SHORT (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-6 Non-In t in HD 104860 - RO LL 3 (54)	270. Secs (270 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 45.7s (exptime down to 45s to pack the orbit).									
	3	HD 104860 SHORT (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-6 Non-In t in HD 104860 - RO LL 3 (54)	270. Secs (270 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 45.7s (exptime down to 45s to pack the orbit).									
	4	HD 104860 SHORT (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=5		Sequence 1-6 Non-In t in HD 104860 - RO LL 3 (54)	225. Secs (225 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 45.7s (exptime down to 45s to pack the orbit).									
	5	HD 104860 LONG (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5		Sequence 1-6 Non-In t in HD 104860 - RO LL 3 (54)	677.5 Secs (677.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 135.5s.									
	6	HD 104860 LONG (STIS.im.10 07423)	(5) HD-104860	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5		Sequence 1-6 Non-In t in HD 104860 - RO LL 3 (54)	677.5 Secs (677.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 90% full well capacity around WEDGEA1.0 is reached in 135.5s.									



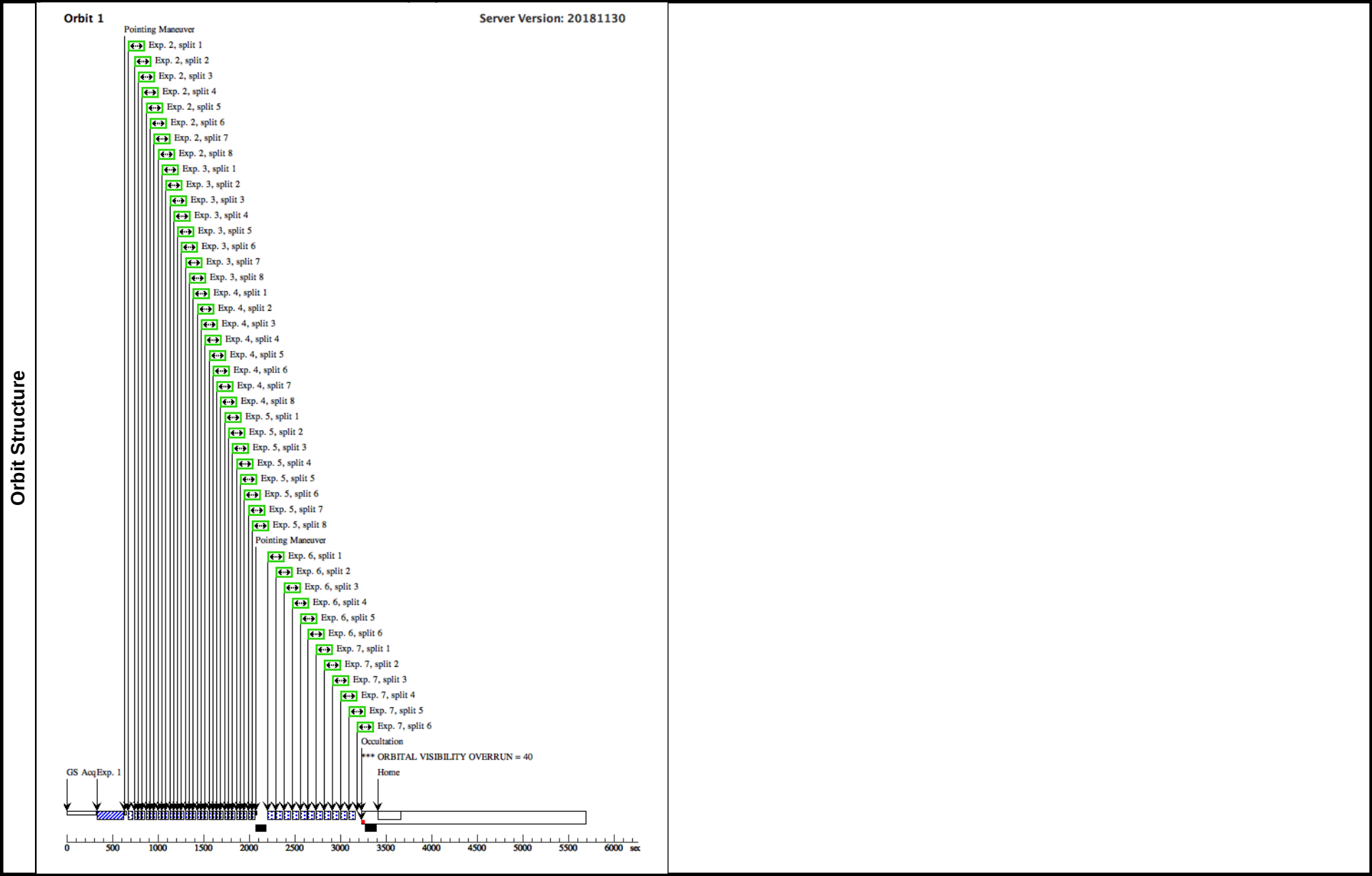
Visit	Proposal 15218, HD 192758 - ROLL 1 (61), failed					Mon Mar 11 11:02:22 GMT 2019	
	Diagnostic Status: Warning						
	Scientific Instruments: STIS/CCD						
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 19D TO 25D FROM 62						
Diagnostics	(HD 192758 - ROLL 1 (61)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
	(HD 192758 - ROLL 1 (61)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(HD 192758 - ROLL 1 (61)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
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	(HD 192758 - ROLL 1 (61)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(HD 192758 - ROLL 1 (61)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(HD 192758 - ROLL 1 (61)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
		(6)	HD-192758	RA: 20 18 15.7902 (304.5657925d)	Proper Motion RA: 45.9 mas/yr	V=7.03	Reference Frame: ICRS
			Dec: -42 51 36.30 (-42.86008d)	Proper Motion Dec: -56.3 mas/yr	B-V=0.263		
			Equinox: J2000	Parallax: 0.01488"			
				Epoch of Position: 2000			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.							
FOV star.							
Category=STAR							
Description=[CIRCUMSTELLAR MATTER, DISK, F0-F2]							

Proposal 15218 - HD 192758 - ROLL 1 (61) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 192758 ACQ (STIS.ta.100 6965)	(6) HD-192758	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 192758 - RO LL 1 (61)	0.3 Secs (0.3 Secs) [==>]	[1]
	Comments: SNR=100 for a F0V star with V=7.03									
	2	HD 192758 SHORT (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - RO LL 1 (61)	160.8 Secs (160.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.									
	3	HD 192758 SHORT (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - RO LL 1 (61)	160.8 Secs (160.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.									
	4	HD 192758 SHORT (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - RO LL 1 (61)	160.8 Secs (160.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.									

Proposal 15218 - HD 192758 - ROLL 1 (61) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

5	HD 192758 (6) HD-192758 SHORT (STIS.im.10 07424)	STIS/CCD, ACCUM, WEDGEA0.6 MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8	Sequence 1-7 Non-Int in HD 192758 - ROLL 1 (61)	160.8 Secs (160.8 Secs)	
					[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.						
6	HD 192758 (6) HD-192758 LONG (STIS.im.10 07424)	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=6	Sequence 1-7 Non-Int in HD 192758 - ROLL 1 (61)	358.2 Secs (358.2 Secs)	
					[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 59.7s.						
7	HD 192758 (6) HD-192758 LONG (STIS.im.10 07424)	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=6	Sequence 1-7 Non-Int in HD 192758 - ROLL 1 (61)	358.2 Secs (358.2 Secs)	
					[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 59.7s.						



[illegible]

Proposal 15218 - HD 192758 - ROLL 2 (62) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

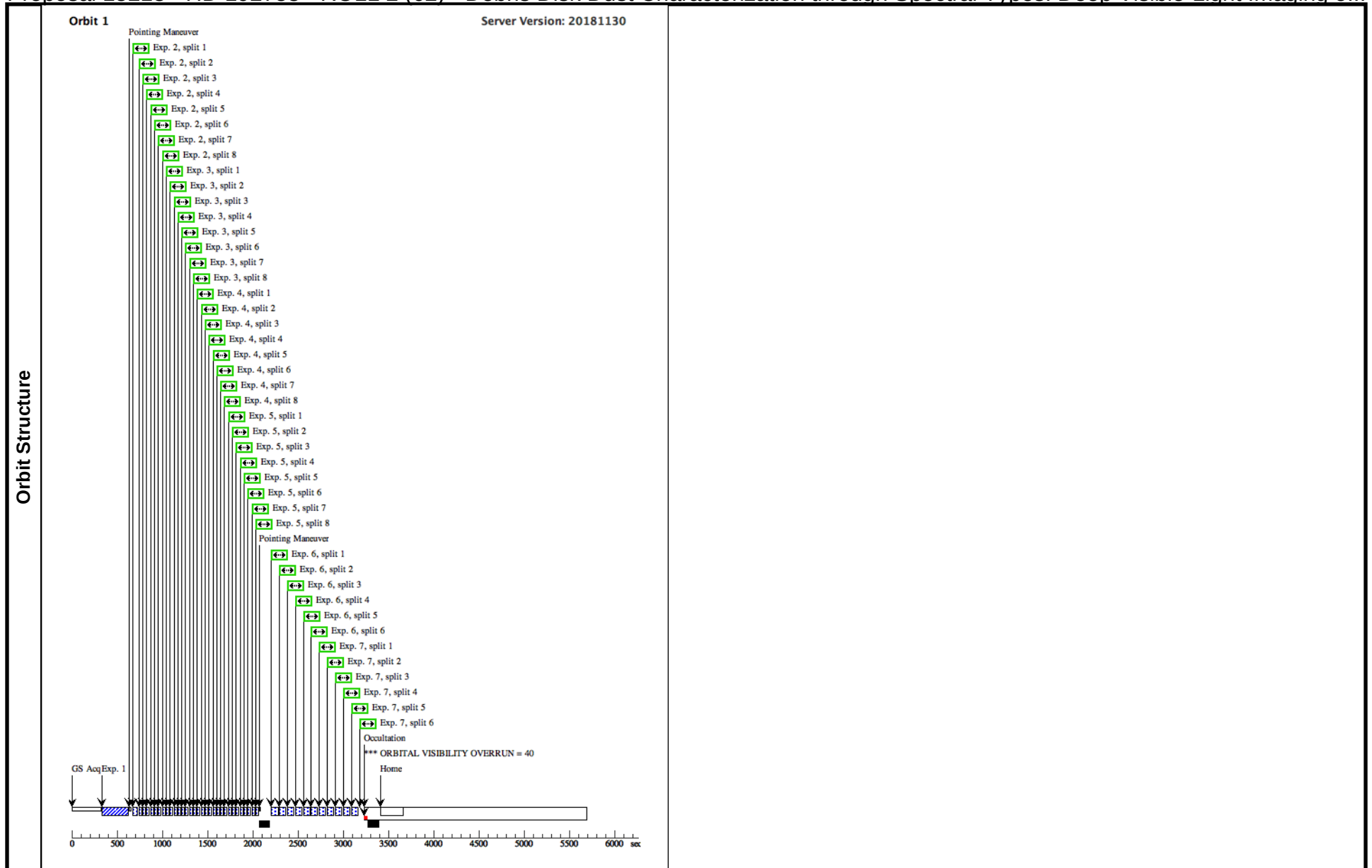
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	HD-192758	RA: 20 18 15.7902 (304.5657925d)	Proper Motion RA: 45.9 mas/yr	V=7.03	Reference Frame: ICRS
			Dec: -42 51 36.30 (-42.86008d)	Proper Motion Dec: -56.3 mas/yr	B-V=0.263	
			Equinox: J2000	Parallax: 0.01488"		
				Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. F0V star. Category=STAR Description=[CIRCUMSTELLAR MATTER, DISK, F0-F2]					

Proposal 15218 - HD 192758 - ROLL 2 (62) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 192758 ACQ (STIS.ta.100 6965)	(6) HD-192758	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 192758 - RO LL 2 (62)	0.3 Secs (0.3 Secs) [==>]	[1]
	Comments: SNR=100 for a F0V star with V=7.03									
	2	HD 192758 SHORT (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - RO LL 2 (62)	160.8 Secs (160.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.									
	3	HD 192758 SHORT (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - RO LL 2 (62)	160.8 Secs (160.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.									
	4	HD 192758 SHORT (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - RO LL 2 (62)	160.8 Secs (160.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.									

Proposal 15218 - HD 192758 - ROLL 2 (62) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

5	HD 192758 (6) HD-192758 SHORT (STIS.im.10 07424)	STIS/CCD, ACCUM, WEDGEA0.6 MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8	Sequence 1-7 Non-Int in HD 192758 - ROLL 2 (62)	160.8 Secs (160.8 Secs)	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.						
6	HD 192758 (6) HD-192758 LONG (STIS.im.10 07424)	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=6	Sequence 1-7 Non-Int in HD 192758 - ROLL 2 (62)	358.2 Secs (358.2 Secs)	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 59.7s.						
7	HD 192758 (6) HD-192758 LONG (STIS.im.10 07424)	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=6	Sequence 1-7 Non-Int in HD 192758 - ROLL 2 (62)	358.2 Secs (358.2 Secs)	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 59.7s.						



[illegible]

Proposal 15218 - HD 192758 - PSF (63) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

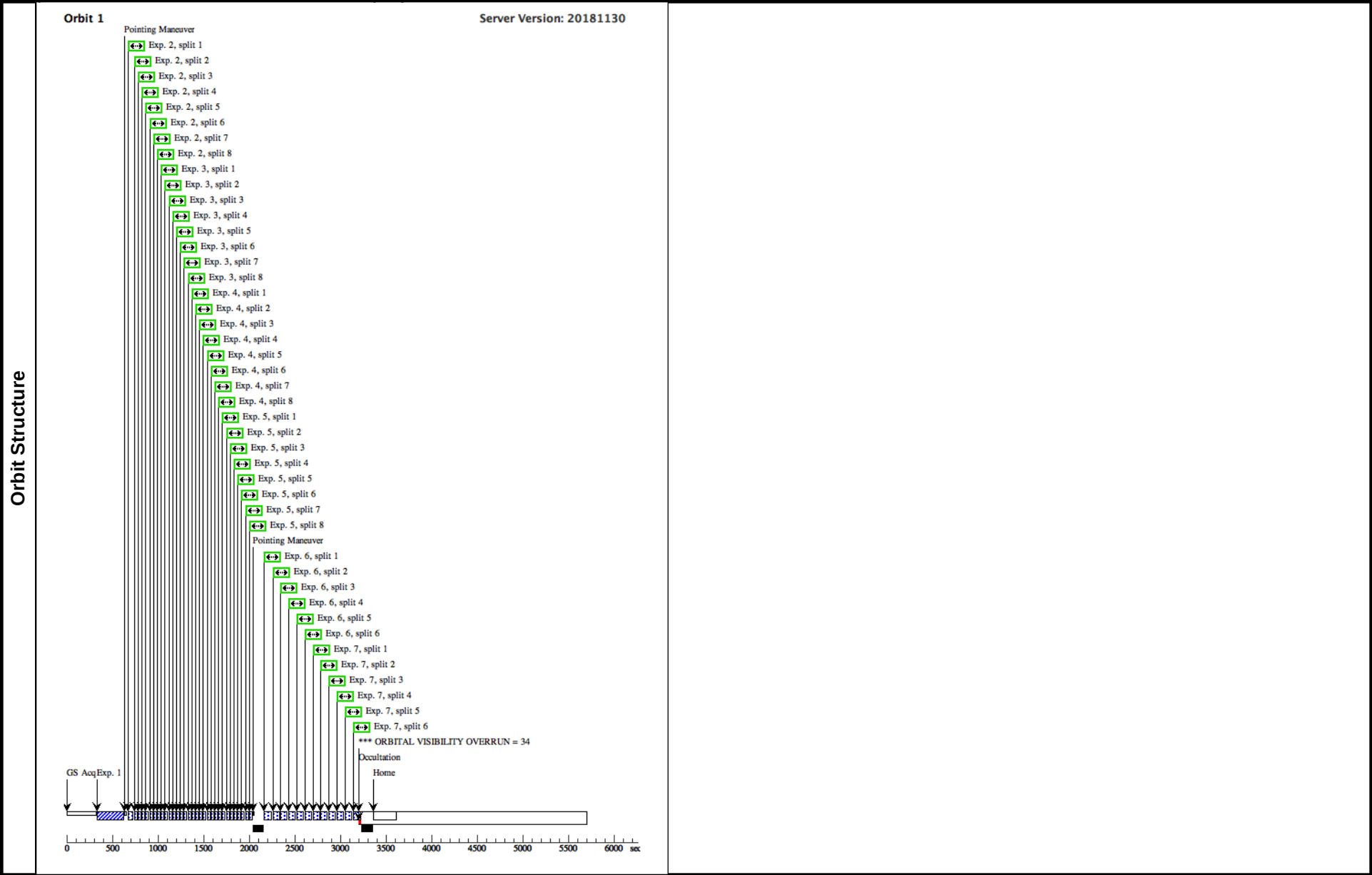
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	PSF-HD-192758--HD-193716	RA: 20 23 0.3312 (305.7513800d)	Proper Motion RA: 36.90 mas/yr	V=7./-0.01	Reference Frame: ICRS
		Alt Name1: HD-193716	Dec: -35 22 38.65 (-35.37740d)	Proper Motion Dec: -16.05 mas/yr	B-V=0.273	
			Equinox: J2000	Parallax: 0.01646"		
				Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Reference star for HD 192758; It is 7.6D away;					
	Delta(B-V)=-0.01					
	Delta(V)=-0.01.					
	Spectral type is F2V.					
	Category=STAR					
	Description=[F0-F2]					

Proposal 15218 - HD 192758 - PSF (63) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 193716 ACQ (STIS.ta.101 3967)	(15) PSF-HD-19275 8--HD-193716	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 192758 - PS F (63)	0.3 Secs (0.3 Secs) [==>]	[1]
	Comments: SNR=100 for a F2V star with V=7.									
	2	HD 193716 SHORT (STIS.im.10 13969)	(15) PSF-HD-19275 8--HD-193716	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - PS F (63)	156.8 Secs (156.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 19.6s.									
Exposures	3	HD 193716 SHORT (STIS.im.10 13969)	(15) PSF-HD-19275 8--HD-193716	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - PS F (63)	156.8 Secs (156.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 19.6s.									
	4	HD 193716 SHORT (STIS.im.10 13969)	(15) PSF-HD-19275 8--HD-193716	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - PS F (63)	156.8 Secs (156.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 19.6s.									

Proposal 15218 - HD 192758 - PSF (63) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

5	HD 193716 SHORT (STIS.im.10 13969)	(15) PSF-HD-19275 8--HD-193716	STIS/CCD, ACCUM, WEDGEA0.6 MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8	Sequence 1-7 Non-Int in HD 192758 - PS F (63)	156.8 Secs (156.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 19.6s.							
6	HD 193716 LONG (STIS.im.10 13969)	(15) PSF-HD-19275 8--HD-193716	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=6	Sequence 1-7 Non-Int in HD 192758 - PS F (63)	349.2 Secs (349.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 58.2s.							
7	HD 193716 LONG (STIS.im.10 13969)	(15) PSF-HD-19275 8--HD-193716	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=6	Sequence 1-7 Non-Int in HD 192758 - PS F (63)	349.2 Secs (349.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 58.2s.							



Proposal 15218 - HD 192758 - ROLL 3 (64) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

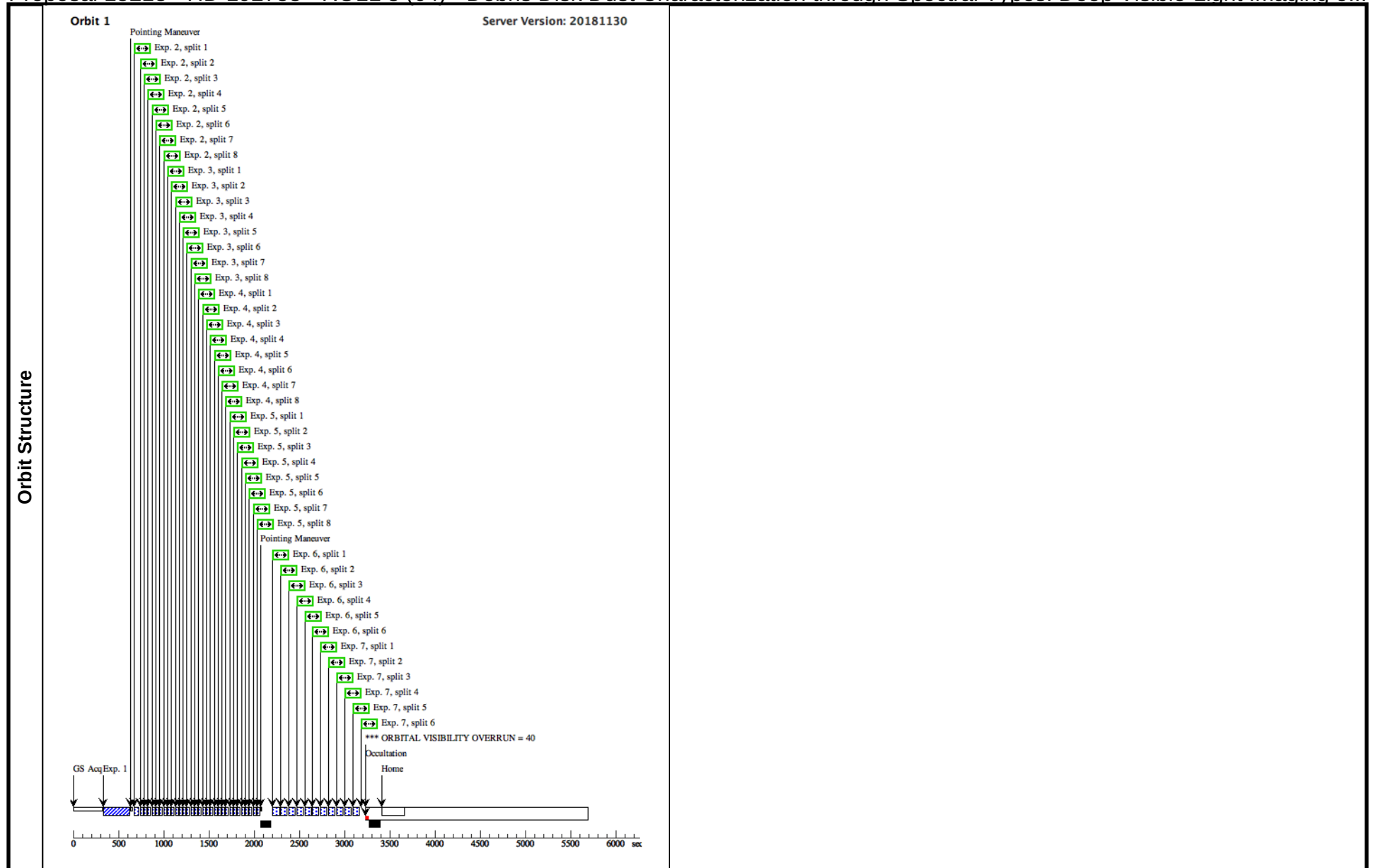
Visit	Proposal 15218, HD 192758 - ROLL 3 (64), completed					Mon Mar 11 11:02:22 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD					
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT -25D TO -19D FROM 62; AFTER 63 BY 0.5 Orbits TO 1.5 Orbits					
Diagnostics	(HD 192758 - ROLL 3 (64)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HD 192758 - ROLL 3 (64)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 192758 - ROLL 3 (64)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 192758 - ROLL 3 (64)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
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	(HD 192758 - ROLL 3 (64)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 192758 - ROLL 3 (64)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 192758 - ROLL 3 (64)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(HD 192758 - ROLL 3 (64)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	HD-192758	RA: 20 18 15.7902 (304.5657925d)	Proper Motion RA: 45.9 mas/yr	V=7.03	Reference Frame: ICRS
			Dec: -42 51 36.30 (-42.86008d)	Proper Motion Dec: -56.3 mas/yr	B-V=0.263	
			Equinox: J2000	Parallax: 0.01488"		
				Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	FOV star.					
Category=STAR						
Description=[CIRCUMSTELLAR MATTER, DISK, F0-F2]						

Proposal 15218 - HD 192758 - ROLL 3 (64) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 192758 ACQ (STIS.ta.100 6965)	(6) HD-192758	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 192758 - RO LL 3 (64)	0.3 Secs (0.3 Secs) [==>]	[1]
	Comments: SNR=100 for a F0V star with V=7.03									
	2	HD 192758 SHORT (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - RO LL 3 (64)	160.8 Secs (160.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.									
	3	HD 192758 SHORT (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - RO LL 3 (64)	160.8 Secs (160.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.									
	4	HD 192758 SHORT (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - RO LL 3 (64)	160.8 Secs (160.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.									

Proposal 15218 - HD 192758 - ROLL 3 (64) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

5	HD 192758 (6) HD-192758 SHORT (STIS.im.10 07424)	STIS/CCD, ACCUM, WEDGEA0.6 MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8	Sequence 1-7 Non-Int in HD 192758 - ROLL 3 (64)	160.8 Secs (160.8 Secs)	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.						
6	HD 192758 (6) HD-192758 LONG (STIS.im.10 07424)	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=6	Sequence 1-7 Non-Int in HD 192758 - ROLL 3 (64)	358.2 Secs (358.2 Secs)	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 59.7s.						
7	HD 192758 (6) HD-192758 LONG (STIS.im.10 07424)	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=6	Sequence 1-7 Non-Int in HD 192758 - ROLL 3 (64)	358.2 Secs (358.2 Secs)	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 59.7s.						



[illegible]

Proposal 15218 - HD 192758 - PSF (65) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

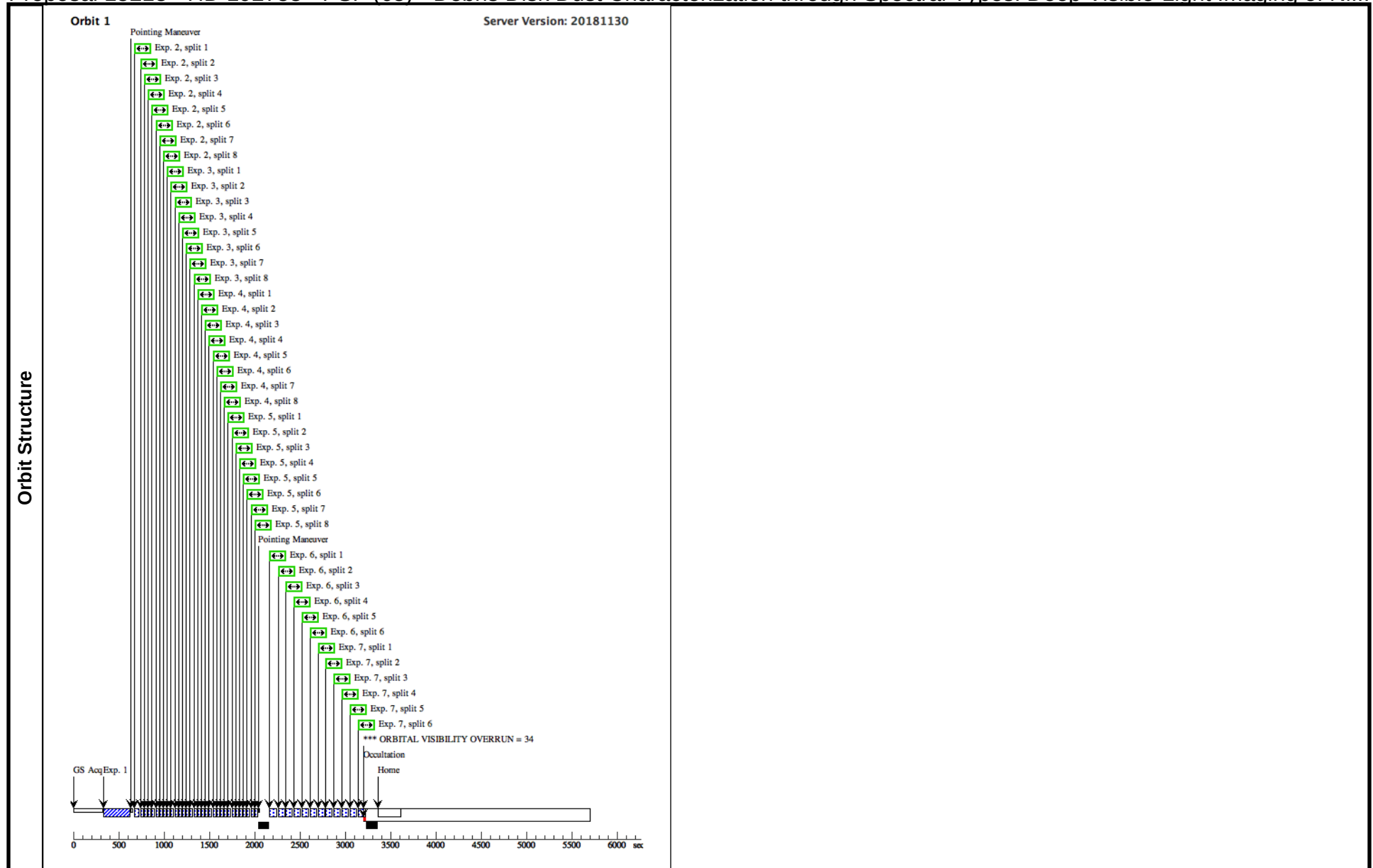
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	PSF-HD-192758--HD-193716	RA: 20 23 0.3312 (305.7513800d)	Proper Motion RA: 36.90 mas/yr	V=7./-0.01	Reference Frame: ICRS
		Alt Name1: HD-193716	Dec: -35 22 38.65 (-35.37740d)	Proper Motion Dec: -16.05 mas/yr	B-V=0.273	
			Equinox: J2000	Parallax: 0.01646"		
				Epoch of Position: 2000		
		Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.				
		Reference star for HD 192758; It is 7.6D away;				
		Delta(B-V)=-0.01				
		Delta(V)=-0.01.				
		Spectral type is F2V.				
		Category=STAR				
		Description=[F0-F2]				

Proposal 15218 - HD 192758 - PSF (65) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 193716 ACQ (STIS.ta.101 3967)	(15) PSF-HD-19275 8--HD-193716	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 192758 - PS F (65)	0.3 Secs (0.3 Secs) [==>]	[1]
	Comments: SNR=100 for a F2V star with V=7.									
	2	HD 193716 SHORT (STIS.im.10 13969)	(15) PSF-HD-19275 8--HD-193716	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - PS F (65)	156.8 Secs (156.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 19.6s.									
Exposures	3	HD 193716 SHORT (STIS.im.10 13969)	(15) PSF-HD-19275 8--HD-193716	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - PS F (65)	156.8 Secs (156.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 19.6s.									
	4	HD 193716 SHORT (STIS.im.10 13969)	(15) PSF-HD-19275 8--HD-193716	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - PS F (65)	156.8 Secs (156.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 19.6s.									

Proposal 15218 - HD 192758 - PSF (65) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

5	HD 193716 SHORT (STIS.im.10 13969)	(15) PSF-HD-19275 8--HD-193716	STIS/CCD, ACCUM, WEDGEA0.6 MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8	Sequence 1-7 Non-Int in HD 192758 - PS F (65)	156.8 Secs (156.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 19.6s.							
6	HD 193716 LONG (STIS.im.10 13969)	(15) PSF-HD-19275 8--HD-193716	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=6	Sequence 1-7 Non-Int in HD 192758 - PS F (65)	349.2 Secs (349.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 58.2s.							
7	HD 193716 LONG (STIS.im.10 13969)	(15) PSF-HD-19275 8--HD-193716	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=6	Sequence 1-7 Non-Int in HD 192758 - PS F (65)	349.2 Secs (349.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 58.2s.							



[illegible]

Proposal 15218 - HD 192758 - ROLL 1 (66) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

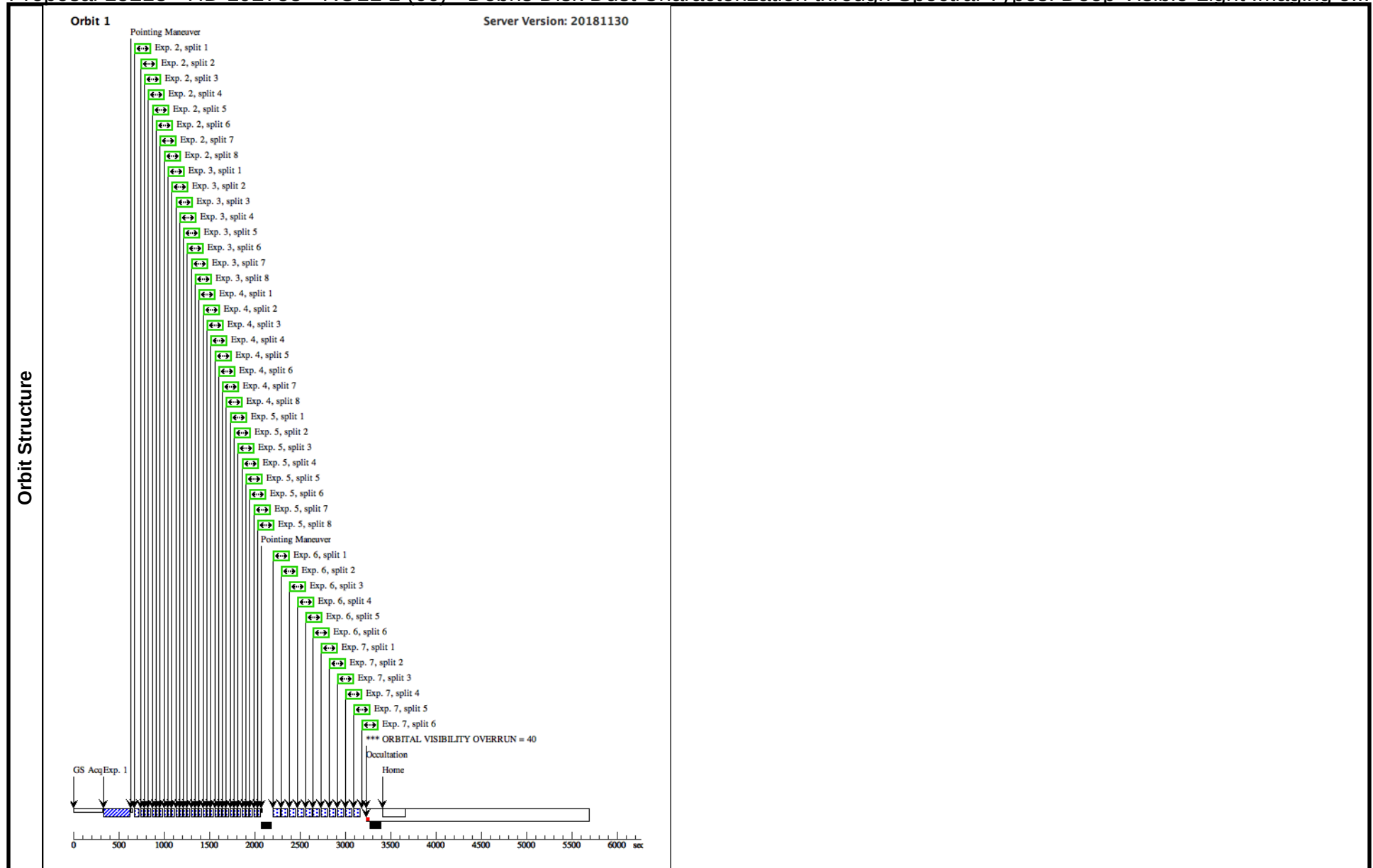
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	HD-192758	RA: 20 18 15.7902 (304.5657925d)	Proper Motion RA: 45.9 mas/yr	V=7.03	Reference Frame: ICRS
			Dec: -42 51 36.30 (-42.86008d)	Proper Motion Dec: -56.3 mas/yr	B-V=0.263	
			Equinox: J2000	Parallax: 0.01488"		
				Epoch of Position: 2000		
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>F0V star.</i> <i>Category=STAR</i> <i>Description=[CIRCUMSTELLAR MATTER, DISK, F0-F2]</i>					

Proposal 15218 - HD 192758 - ROLL 1 (66) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 192758 ACQ (STIS.ta.100 6965)	(6) HD-192758	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 192758 - RO LL 1 (66)	0.3 Secs (0.3 Secs) [==>]	[1]
	Comments: SNR=100 for a F0V star with V=7.03									
	2	HD 192758 SHORT (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - RO LL 1 (66)	160.8 Secs (160.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.									
	3	HD 192758 SHORT (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - RO LL 1 (66)	160.8 Secs (160.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.									
	4	HD 192758 SHORT (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-7 Non-In t in HD 192758 - RO LL 1 (66)	160.8 Secs (160.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.									

Proposal 15218 - HD 192758 - ROLL 1 (66) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

5	HD 192758 SHORT (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA0.6 MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8	Sequence 1-7 Non-Int in HD 192758 - ROLL 1 (66)	160.8 Secs (160.8 Secs)	[1]
						[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	
Comments: 90% full well capacity around WEDGEA0.6 is reached in 20.1s.							
6	HD 192758 LONG (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=6	Sequence 1-7 Non-Int in HD 192758 - ROLL 1 (66)	358.2 Secs (358.2 Secs)	[1]
						[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	
Comments: 90% full well capacity around WEDGEA1.0 is reached in 59.7s.							
7	HD 192758 LONG (STIS.im.10 07424)	(6) HD-192758	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=6	Sequence 1-7 Non-Int in HD 192758 - ROLL 1 (66)	358.2 Secs (358.2 Secs)	[1]
						[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	
Comments: 90% full well capacity around WEDGEA1.0 is reached in 59.7s.							



Proposal 15218 - HD 110058 - ROLL 1 (71) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

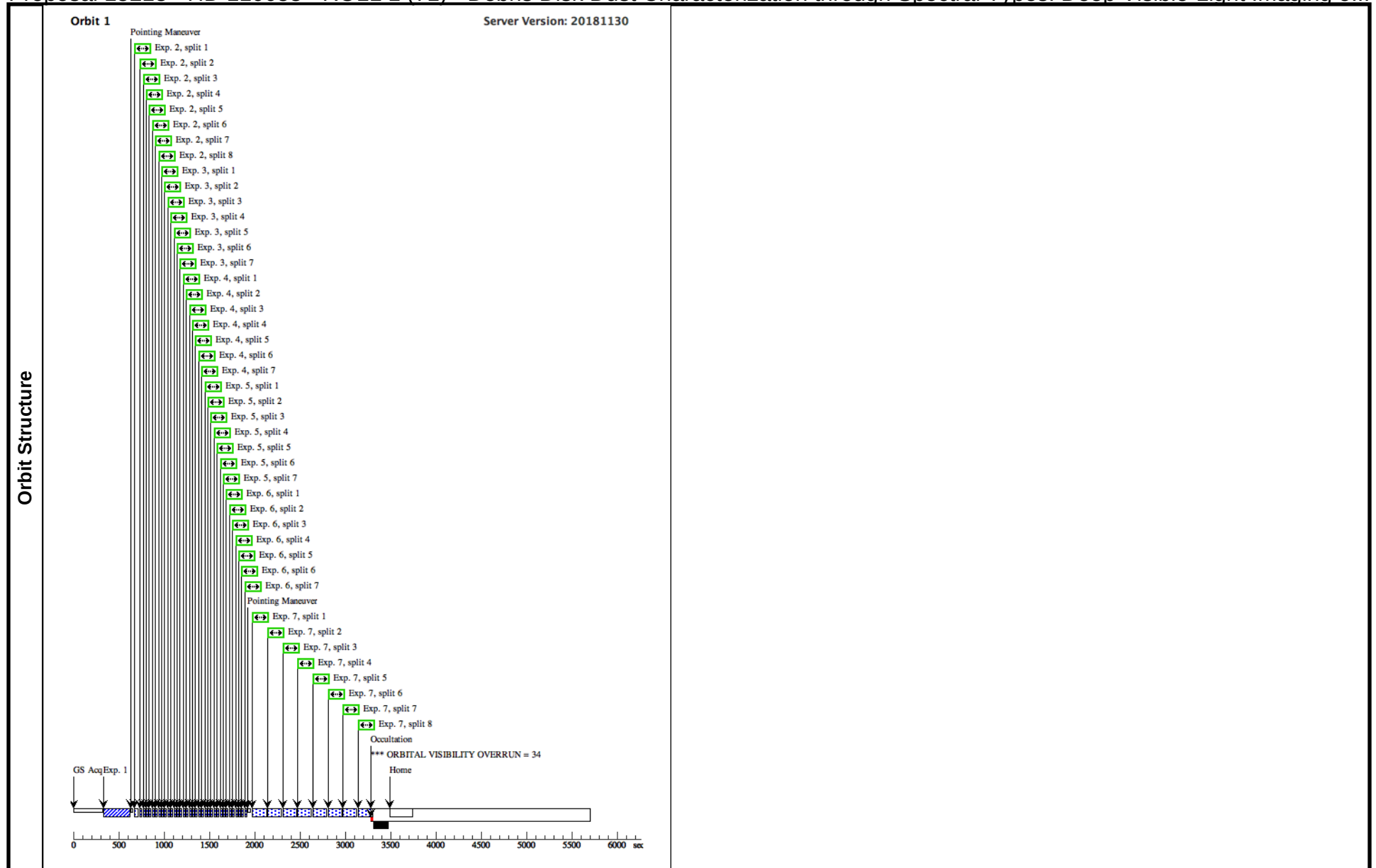
Visit	Proposal 15218, HD 110058 - ROLL 1 (71), failed Mon Mar 11 11:02:22 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 18D TO 25D FROM 72				
Diagnostics	(HD 110058 - ROLL 1 (71)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(7)	HD-110058	RA: 12 39 46.1964 (189.9424850d) Dec: -49 11 55.54 (-49.19876d) Equinox: J2000	Proper Motion RA: -29.88 mas/yr Proper Motion Dec: -14.25 mas/yr Parallax: 0.0053" Epoch of Position: 2000	V=7.97+/-0.01 B-V=0.171
	Miscellaneous Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. A0V star. Category=STAR Description=[A0-A3 V-IV, CIRCUMSTELLAR MATTER, DISK]				

Proposal 15218 - HD 110058 - ROLL 1 (71) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 110058 ACQ (STIS.ta.100 6968)	(7) HD-110058	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 110058 - RO LL 1 (71)	0.7 Secs (0.7 Secs) [==>]	[1]
	Comments: SNR=100 for a A0V star with V=7.97									
	2	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=8; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 1 (71)	104 Secs (104 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	3	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 1 (71)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Exposures	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	4	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 1 (71)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
Exposures	5	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 1 (71)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									

Proposal 15218 - HD 110058 - ROLL 1 (71) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

6	HD 110058 (7) HD-110058 SHORT (STIS.im.10 07428)	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0	Sequence 1-7 Non-In t in HD 110058 - RO LL 1 (71)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Comments: 80% full well capacity around BAR 5 is reached in 13.0s.							
7	HD 110058 (7) HD-110058 LONG (STIS.im.10 07428)	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-7 Non-In t in HD 110058 - RO LL 1 (71)	1101.6 Secs (1101.6 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around Wedge B1.0 is reached in 137.7s.							



Proposal 15218 - HD 110058 - ROLL 2 (72) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

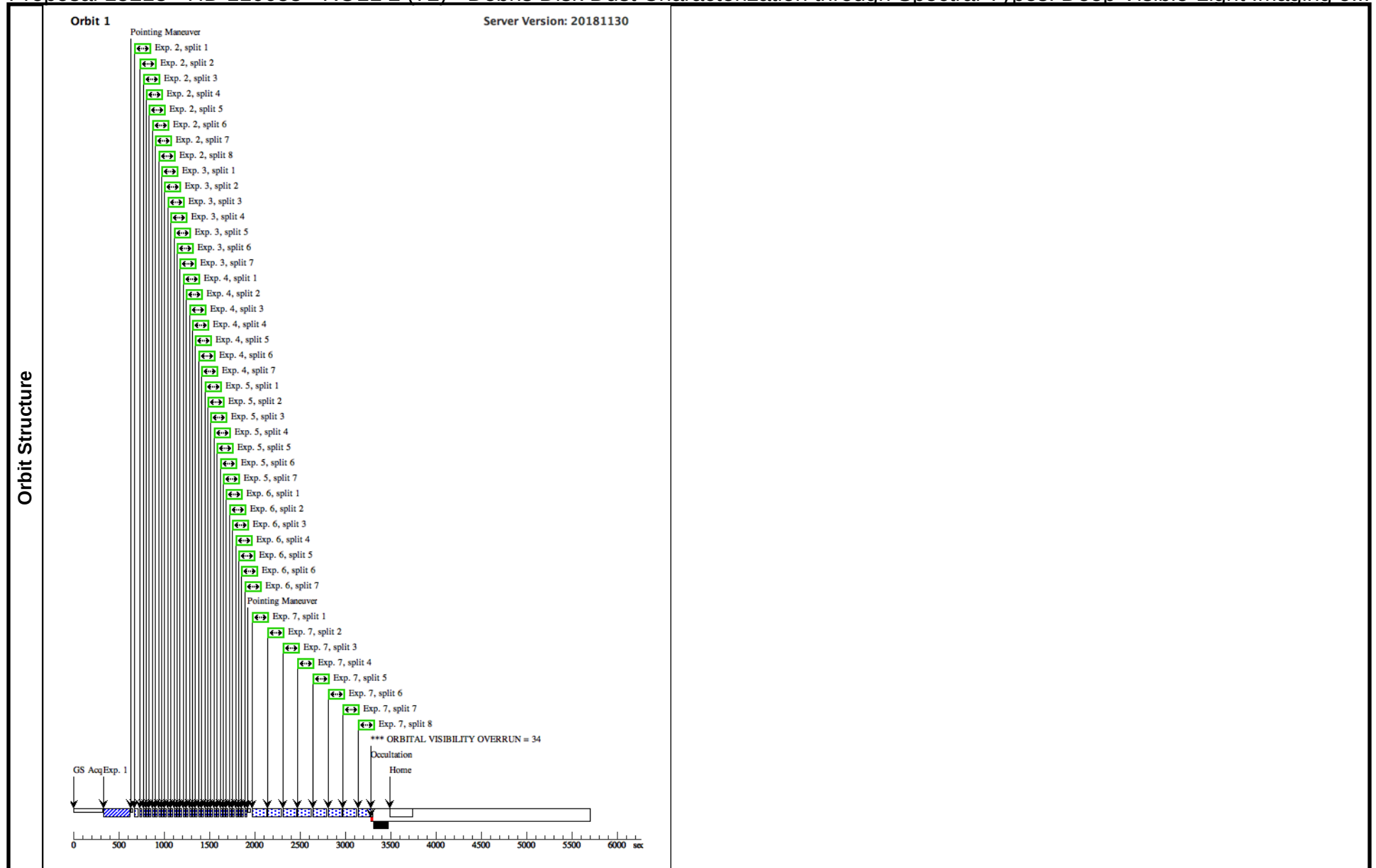
Visit	Proposal 15218, HD 110058 - ROLL 2 (72), failed Mon Mar 11 11:02:22 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 27D TO 37 D; ORIENT 207D TO 217 D; AFTER 71 BY 0.5 Orbits TO 1.5 Orbits <i>Comments: This is the visit with absolute orient constraints for this science target. This visit has orients constraints to place the disk's major axis (PA=-25D) perpendicular to BAR5. BAR5 is oriented +78.245D from +Y, and HST U3 is +45D from STIS +Y. To orient the disk's major axis perpendicular to BAR5, we thus add 56.755D to its PA, ORIENT=32D (+/-5D). This constraint is modulo 180D (ORIENT= 32D or 212D).</i>				
Diagnostics	(HD 110058 - ROLL 2 (72)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(7)	HD-110058	RA: 12 39 46.1964 (189.9424850d) Dec: -49 11 55.54 (-49.19876d) Equinox: J2000	Proper Motion RA: -29.88 mas/yr Proper Motion Dec: -14.25 mas/yr Parallax: 0.0053" Epoch of Position: 2000	V=7.97+/-0.01 B-V=0.171
Fixed Targets	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. A0V star. Category=STAR Description=[A0-A3 V-IV, CIRCUMSTELLAR MATTER, DISK]				

Proposal 15218 - HD 110058 - ROLL 2 (72) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 110058 ACQ (STIS.ta.100 6968)	(7) HD-110058	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 110058 - RO LL 2 (72)	0.7 Secs (0.7 Secs) [==>]	[1]
	Comments: SNR=100 for a A0V star with V=7.97									
	2	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=8; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 2 (72)	104 Secs (104 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	3	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 2 (72)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
Exposures	4	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 2 (72)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	5	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 2 (72)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									

Proposal 15218 - HD 110058 - ROLL 2 (72) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

6	HD 110058 (7) HD-110058 SHORT (STIS.im.10 07428)	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0	Sequence 1-7 Non-In t in HD 110058 - RO LL 2 (72)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Comments: 80% full well capacity around BAR 5 is reached in 13.0s.							
7	HD 110058 (7) HD-110058 LONG (STIS.im.10 07428)	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-7 Non-In t in HD 110058 - RO LL 2 (72)	1101.6 Secs (1101.6 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around Wedge B1.0 is reached in 137.7s.							



Proposal 15218 - HD 110058 - PSF (73) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

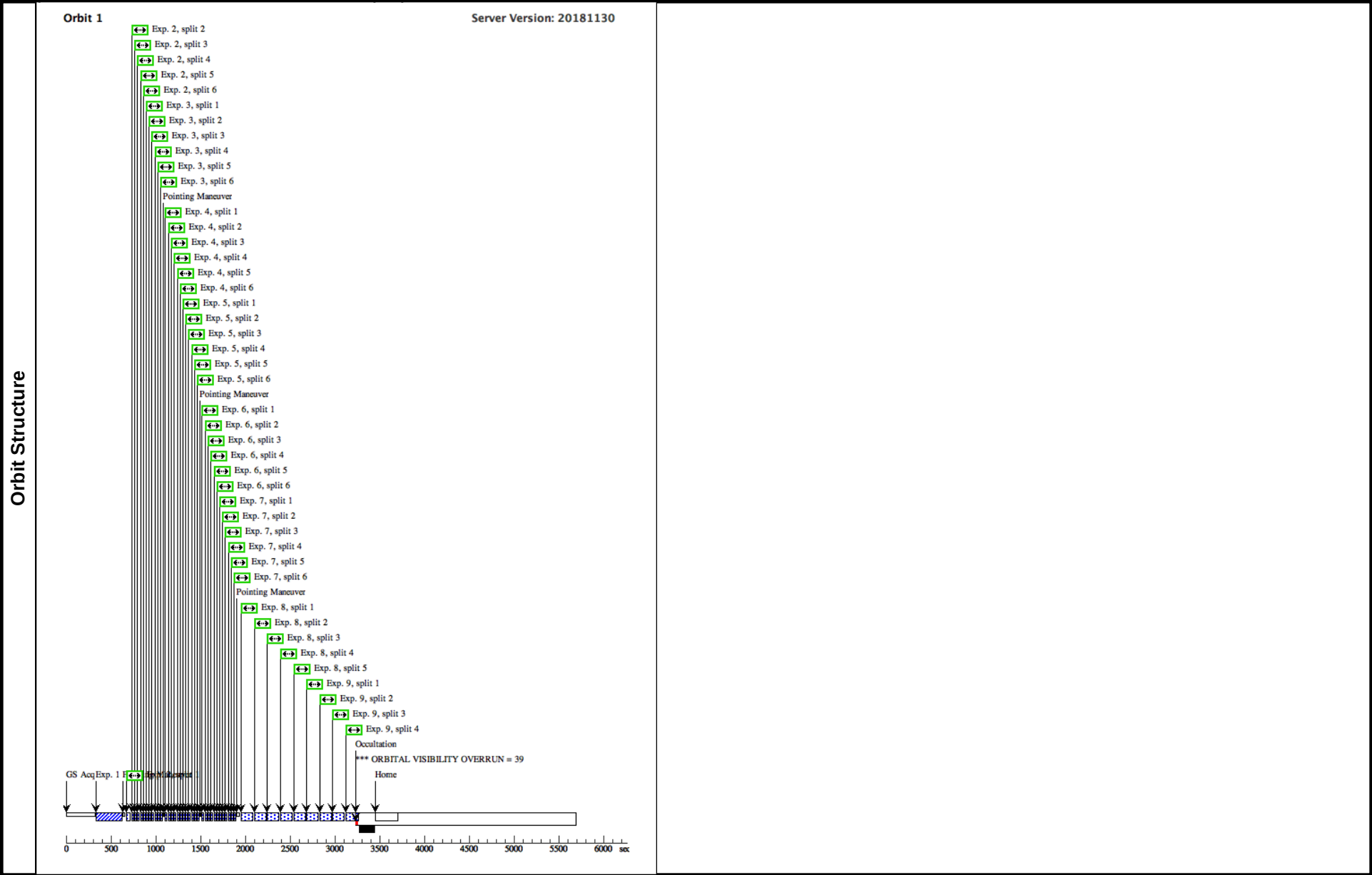
Visit	Proposal 15218, HD 110058 - PSF (73), failed Mon Mar 11 11:02:22 GMT 2019					
	Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; AFTER 74 BY 0.5 Orbits TO 1.5 Orbits					
Diagnostics	(HD 110058 - PSF (73)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	PSF-HD-110058--HD-107800 Alt Name1: HD-107800	RA: 12 23 25.6296 (185.8567900d) Dec: -41 50 52.05 (-41.84779d) Equinox: J2000	Proper Motion RA: 13.14 mas/yr Proper Motion Dec: -15.44 mas/yr Parallax: 0.0044" Epoch of Position: 2000	V=7.79+/-0.01 B-V=0.149	Reference Frame: ICRS
Fixed Targets	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Reference star for HD 110058; It is 8.4D away; Delta(B-V)=0.02 Delta(V)=0.18. Spectral type is A1V. Category=STAR Description=[A0-A3 V-IV]					

Proposal 15218 - HD 110058 - PSF (73) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 107800 ACQ (STIS.ta.100 6977)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-9 Non-In t in HD 110058 - PS F (73)	0.6 Secs (0.6 Secs) [==>]	[1]
	Comments: SNR=100 for a A1V star with V=7.79									
	2	HD 107800 CENT (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0		Sequence 1-9 Non-In t in HD 110058 - PS F (73)	66 Secs (66 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.0s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
Exposures	3	HD 107800 CENT (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0		Sequence 1-9 Non-In t in HD 110058 - PS F (73)	66 Secs (66 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.0s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
	4	HD 107800 PLUS (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0	POS TARG +0.0024 8,+0.01245	Sequence 1-9 Non-In t in HD 110058 - PS F (73)	66 Secs (66 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.0s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									

Proposal 15218 - HD 110058 - PSF (73) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

5	HD 107800 PLUS (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0	POS TARG +0.0024 8,+0.01245	Sequence 1-9 Non-Int in HD 110058 - PSF (73)	66 Secs (66 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 80% full well capacity around BAR 5 is reached in 11.0s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
6	HD 107800 MINUS (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0	POS TARG -0.0024 8,-0.01245	Sequence 1-9 Non-Int in HD 110058 - PSF (73)	66 Secs (66 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 80% full well capacity around BAR 5 is reached in 11.0s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
7	HD 107800 MINUS (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0	POS TARG -0.0024 8,-0.01245	Sequence 1-9 Non-Int in HD 110058 - PSF (73)	66 Secs (66 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 80% full well capacity around BAR 5 is reached in 11.0s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
8	HD 107800 LONG (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5		Sequence 1-9 Non-Int in HD 110058 - PSF (73)	583 Secs (583 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
Comments: 90% full well capacity around Wedge B1.0 is reached in 116.6s.									
9	HD 107800 LONG (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=4		Sequence 1-9 Non-Int in HD 110058 - PSF (73)	466.4 Secs (466.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
Comments: 90% full well capacity around Wedge B1.0 is reached in 116.6s.									



Proposal 15218 - HD 110058 - ROLL 3 (74) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

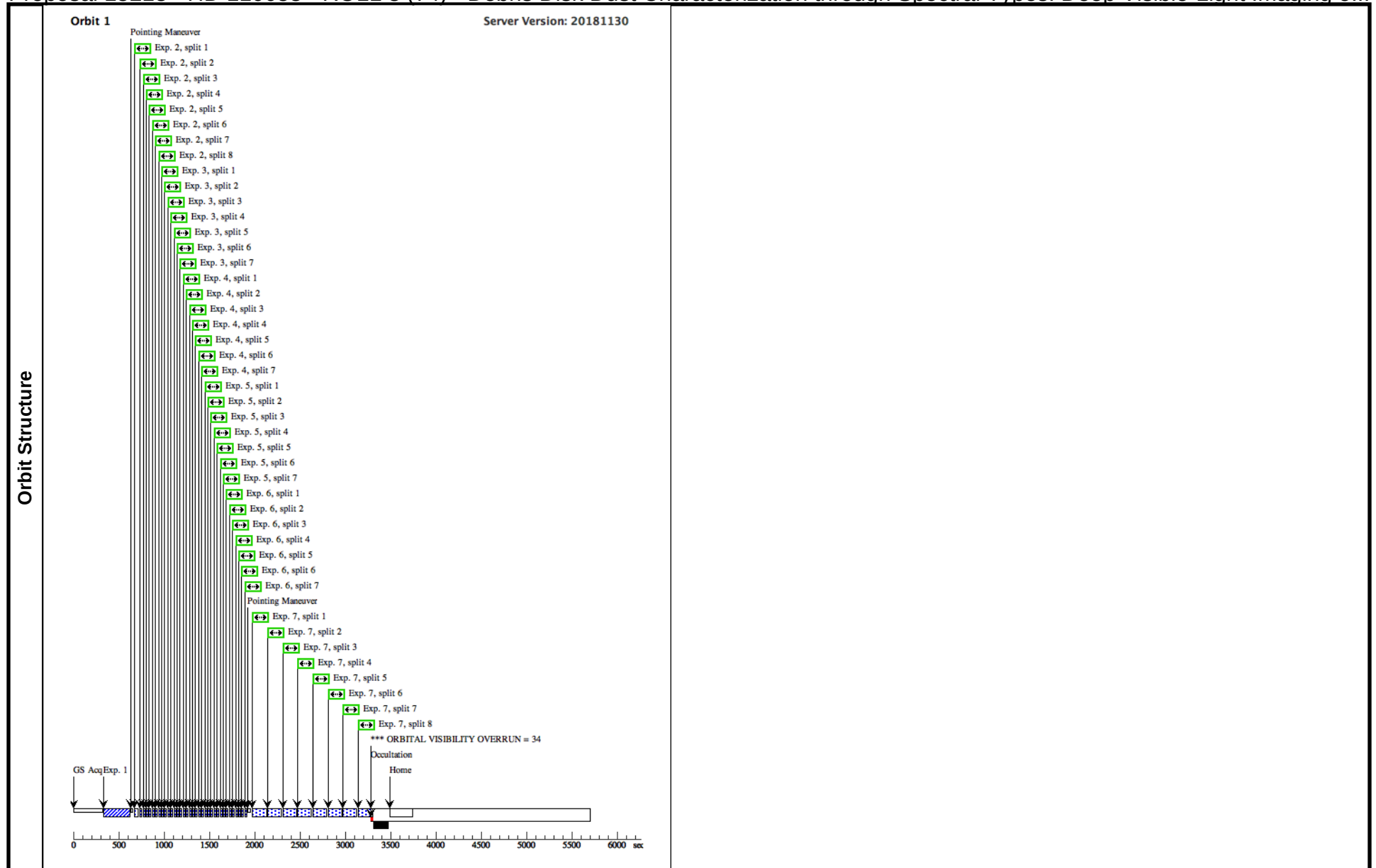
Visit	Proposal 15218, HD 110058 - ROLL 3 (74), failed Mon Mar 11 11:02:22 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT -25D TO -18D FROM 72; AFTER 72 BY 0.5 Orbits TO 1.5 Orbits				
Diagnostics	(HD 110058 - ROLL 3 (74)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(7)	HD-110058	RA: 12 39 46.1964 (189.9424850d) Dec: -49 11 55.54 (-49.19876d) Equinox: J2000	Proper Motion RA: -29.88 mas/yr Proper Motion Dec: -14.25 mas/yr Parallax: 0.0053" Epoch of Position: 2000	V=7.97+/-0.01 B-V=0.171
	Miscellaneous Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. A0V star. Category=STAR Description=[A0-A3 V-IV, CIRCUMSTELLAR MATTER, DISK]				

Proposal 15218 - HD 110058 - ROLL 3 (74) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 110058 ACQ (STIS.ta.100 6968)	(7) HD-110058	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 110058 - RO LL 3 (74)	0.7 Secs (0.7 Secs) [==>]	[1]
	Comments: SNR=100 for a A0V star with V=7.97									
	2	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=8; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 3 (74)	104 Secs (104 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	3	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 3 (74)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	4	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 3 (74)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	5	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 3 (74)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									

Proposal 15218 - HD 110058 - ROLL 3 (74) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

6	HD 110058 (7) HD-110058 SHORT (STIS.im.10 07428)	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0	Sequence 1-7 Non-In t in HD 110058 - RO LL 3 (74)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Comments: 80% full well capacity around BAR 5 is reached in 13.0s.							
7	HD 110058 (7) HD-110058 LONG (STIS.im.10 07428)	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-7 Non-In t in HD 110058 - RO LL 3 (74)	1101.6 Secs (1101.6 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around Wedge B1.0 is reached in 137.7s.							



Proposal 15218 - HD 110058 - ROLL 1 (75) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

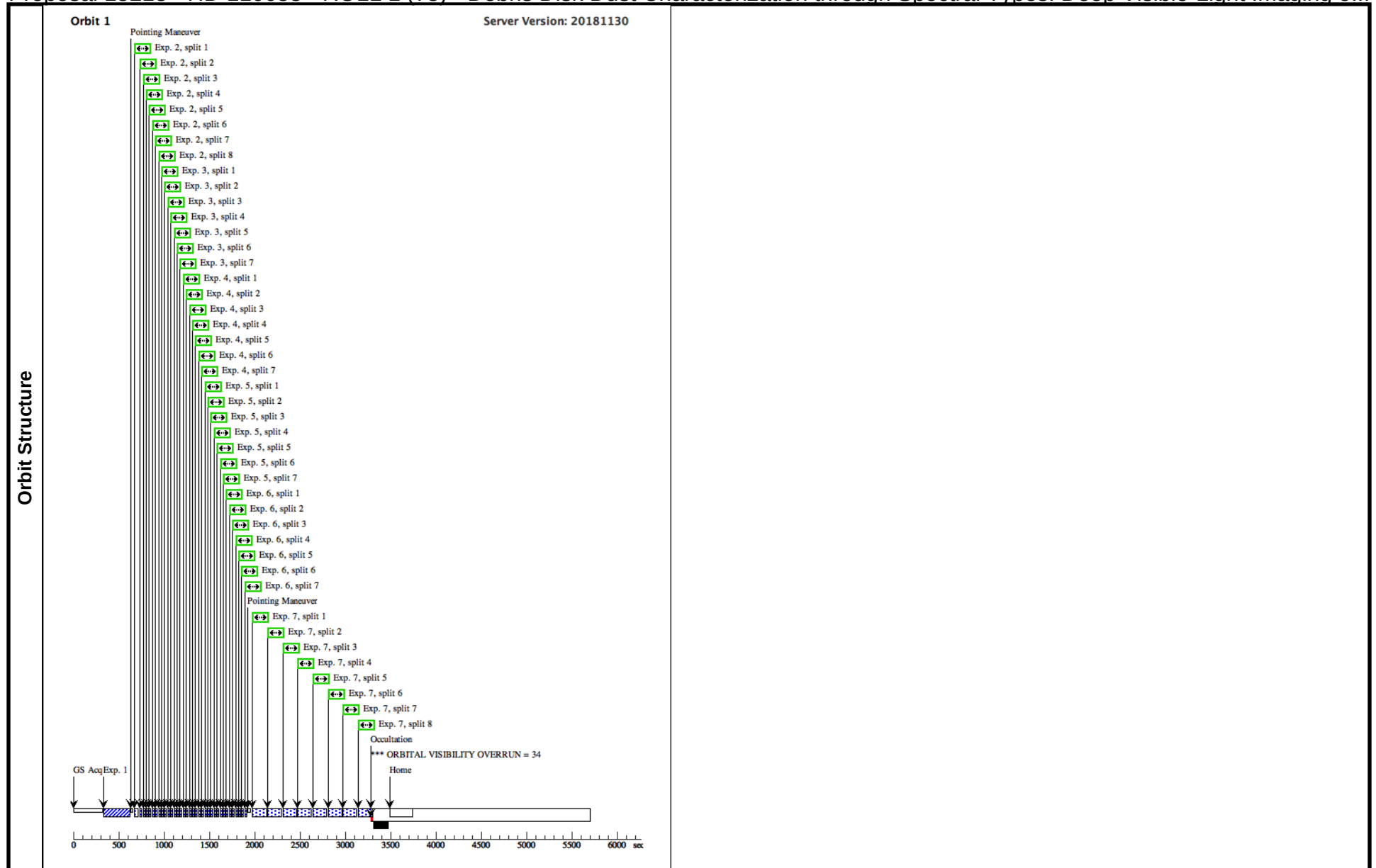
Visit	Proposal 15218, HD 110058 - ROLL 1 (75), scheduling					Mon Mar 11 11:02:22 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD					
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 18D TO 25D FROM 76					
Comments: This is a repeat of visit 71.						
Diagnostics	(HD 110058 - ROLL 1 (75)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	HD-110058	RA: 12 39 46.1964 (189.9424850d)	Proper Motion RA: -29.88 mas/yr	V=7.97+/-0.01	Reference Frame: ICRS
			Dec: -49 11 55.54 (-49.19876d)	Proper Motion Dec: -14.25 mas/yr	B-V=0.171	
			Equinox: J2000	Parallax: 0.0053"		
				Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	A0V star.					
Category=STAR						
Description=[A0-A3 V-IV, CIRCUMSTELLAR MATTER, DISK]						

Proposal 15218 - HD 110058 - ROLL 1 (75) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 110058 ACQ (STIS.ta.100 6968)	(7) HD-110058	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 110058 - RO LL 1 (75)	0.7 Secs (0.7 Secs) [==>]	[1]
	Comments: SNR=100 for a A0V star with V=7.97									
	2	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=8; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 1 (75)	104 Secs (104 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	3	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 1 (75)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Exposures	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	4	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 1 (75)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
Exposures	5	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 1 (75)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									

Proposal 15218 - HD 110058 - ROLL 1 (75) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

6	HD 110058 (7) HD-110058 SHORT (STIS.im.10 07428)	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0	Sequence 1-7 Non-Int t in HD 110058 - ROLL 1 (75)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Comments: 80% full well capacity around BAR 5 is reached in 13.0s.							
7	HD 110058 (7) HD-110058 LONG (STIS.im.10 07428)	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-7 Non-Int t in HD 110058 - ROLL 1 (75)	1101.6 Secs (1101.6 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around Wedge B1.0 is reached in 137.7s.							



Proposal 15218 - HD 110058 - ROLL 2 (76) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

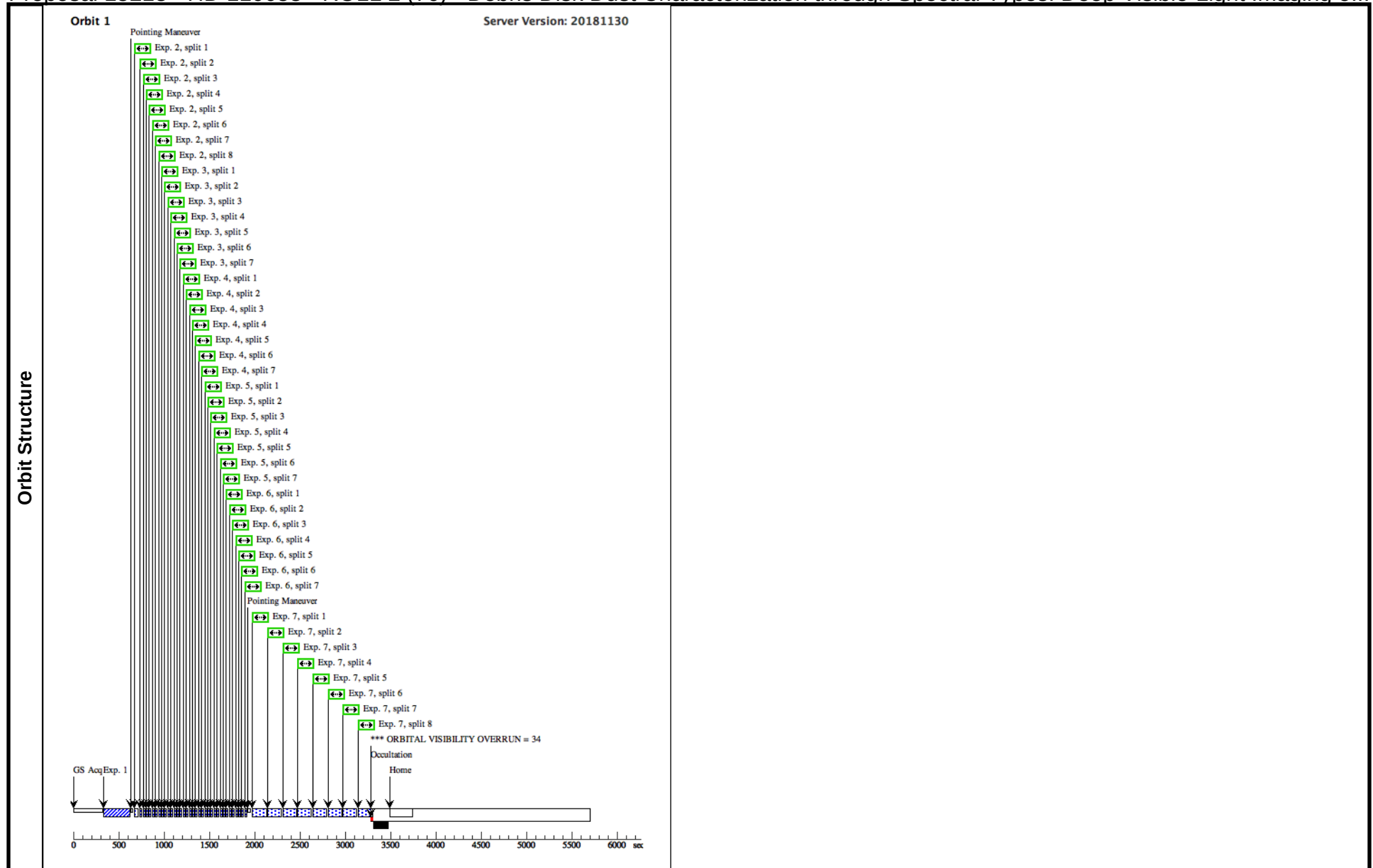
Visit	Proposal 15218, HD 110058 - ROLL 2 (76), scheduling					Mon Mar 11 11:02:23 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD					
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 27D TO 37 D; ORIENT 207D TO 217 D; AFTER 75 BY 0.5 Orbits TO 1.5 Orbits					
	Comments: This is the visit with absolute orient constraints for this science target. This visit has orients constraints to place the disk's major axis (PA=-25D) perpendicular to BAR5. BAR5 is oriented +78.245D from +Y, and HST U3 is +45D from STIS +Y. To orient the disk's major axis perpendicular to BAR5, we thus add 56.755D to its PA, ORIENT=32D (+/-5D). This constraint is modulo 180D (ORIENT= 32D or 212D). This is a repeat of visit 72.					
Diagnostics	(HD 110058 - ROLL 2 (76)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	HD-110058	RA: 12 39 46.1964 (189.9424850d)	Proper Motion RA: -29.88 mas/yr	V=7.97+/-0.01	Reference Frame: ICRS
			Dec: -49 11 55.54 (-49.19876d)	Proper Motion Dec: -14.25 mas/yr	B-V=0.171	
			Equinox: J2000	Parallax: 0.0053"		
				Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. A0V star. Category=STAR Description=[A0-A3 V-IV, CIRCUMSTELLAR MATTER, DISK]					

Proposal 15218 - HD 110058 - ROLL 2 (76) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 110058 ACQ (STIS.ta.100 6968)	(7) HD-110058	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 110058 - RO LL 2 (76)	0.7 Secs (0.7 Secs) [==>]	[1]
	Comments: SNR=100 for a A0V star with V=7.97									
	2	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=8; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 2 (76)	104 Secs (104 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	3	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 2 (76)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	4	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 2 (76)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	5	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 2 (76)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									

Proposal 15218 - HD 110058 - ROLL 2 (76) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

6	HD 110058 (7) HD-110058 SHORT (STIS.im.10 07428)	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0	Sequence 1-7 Non-In t in HD 110058 - RO LL 2 (76)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Comments: 80% full well capacity around BAR 5 is reached in 13.0s.							
7	HD 110058 (7) HD-110058 LONG (STIS.im.10 07428)	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-7 Non-In t in HD 110058 - RO LL 2 (76)	1101.6 Secs (1101.6 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around Wedge B1.0 is reached in 137.7s.							



Proposal 15218 - HD 110058 - PSF (77) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

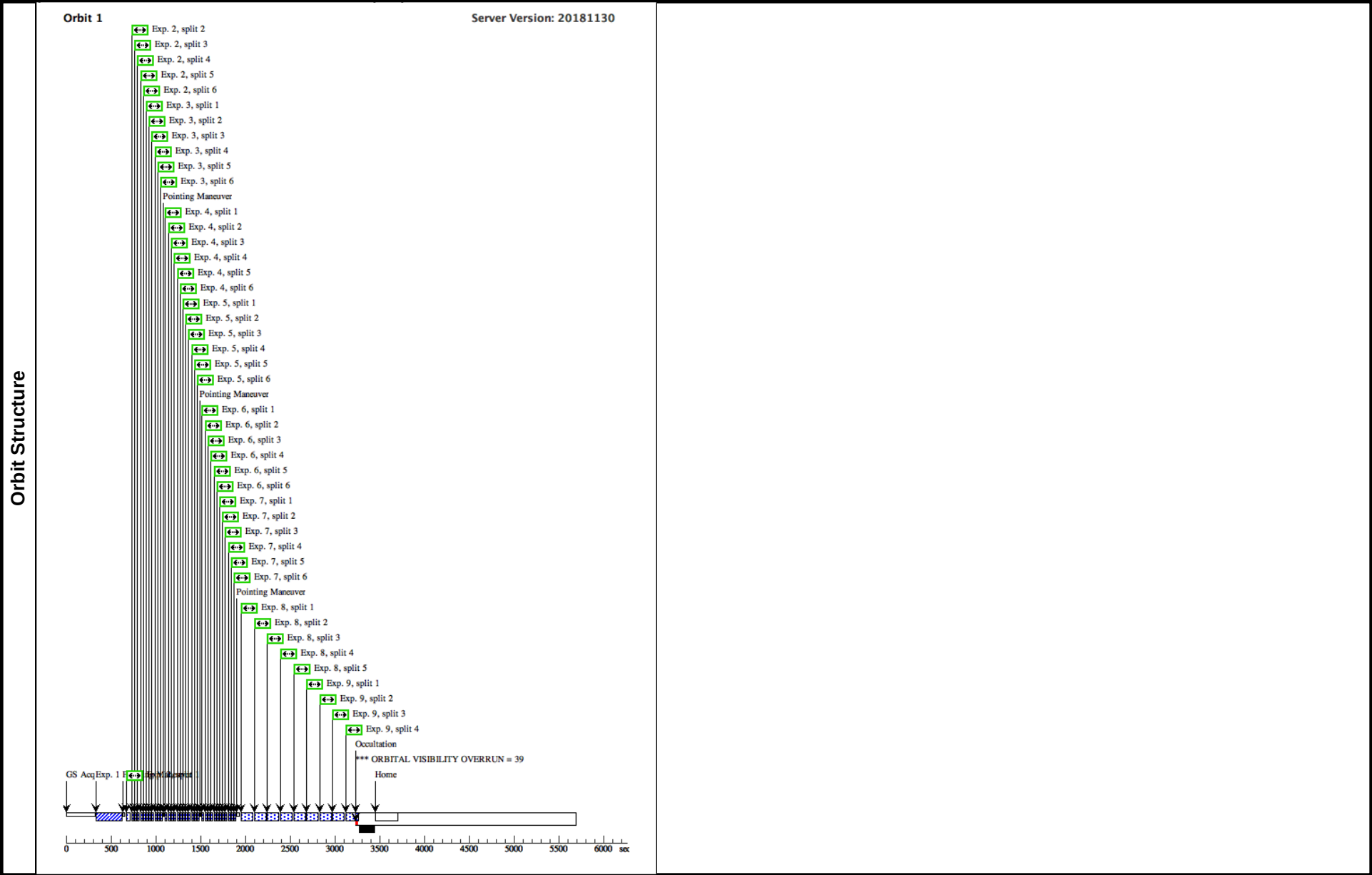
Visit	Proposal 15218, HD 110058 - PSF (77), scheduling Mon Mar 11 11:02:23 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; AFTER 78 BY 0.5 Orbits TO 1.5 Orbits <i>Comments: This is a repeat of visit 73.</i>				
Diagnostics	(HD 110058 - PSF (77)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(16)	PSF-HD-110058--HD-107800 Alt Name1: HD-107800	RA: 12 23 25.6296 (185.8567900d) Dec: -41 50 52.05 (-41.84779d) Equinox: J2000	Proper Motion RA: 13.14 mas/yr Proper Motion Dec: -15.44 mas/yr Parallax: 0.0044" Epoch of Position: 2000	V=7.79+/-0.01 B-V=0.149 Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Reference star for HD 110058; It is 8.4D away; Delta(B-V)=0.02 Delta(V)=0.18. Spectral type is A1V. Category=STAR Description=[A0-A3 V-IV]				

Proposal 15218 - HD 110058 - PSF (77) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 107800 ACQ (STIS.ta.100 6977)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-9 Non-In t in HD 110058 - PS F (77)	0.6 Secs (0.6 Secs) [==>]	[1]
	Comments: SNR=100 for a A1V star with V=7.79									
	2	HD 107800 CENT (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0		Sequence 1-9 Non-In t in HD 110058 - PS F (77)	66 Secs (66 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.0s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
Exposures	3	HD 107800 CENT (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0		Sequence 1-9 Non-In t in HD 110058 - PS F (77)	66 Secs (66 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.0s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
	4	HD 107800 PLUS (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0	POS TARG +0.0024 8,+0.01245	Sequence 1-9 Non-In t in HD 110058 - PS F (77)	66 Secs (66 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.0s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									

Proposal 15218 - HD 110058 - PSF (77) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

5	HD 107800 PLUS (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0	POS TARG +0.0024 8,+0.01245	Sequence 1-9 Non-Int in HD 110058 - PSF (77)	66 Secs (66 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 80% full well capacity around BAR 5 is reached in 11.0s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
6	HD 107800 MINUS (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0	POS TARG -0.0024 8,-0.01245	Sequence 1-9 Non-Int in HD 110058 - PSF (77)	66 Secs (66 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 80% full well capacity around BAR 5 is reached in 11.0s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
7	HD 107800 MINUS (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0	POS TARG -0.0024 8,-0.01245	Sequence 1-9 Non-Int in HD 110058 - PSF (77)	66 Secs (66 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 80% full well capacity around BAR 5 is reached in 11.0s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
8	HD 107800 LONG (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5		Sequence 1-9 Non-Int in HD 110058 - PSF (77)	583 Secs (583 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
Comments: 90% full well capacity around Wedge B1.0 is reached in 116.6s.									
9	HD 107800 LONG (STIS.im.10 07428)	(16) PSF-HD-11005 8--HD-107800	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=4		Sequence 1-9 Non-Int in HD 110058 - PSF (77)	466.4 Secs (466.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
Comments: 90% full well capacity around Wedge B1.0 is reached in 116.6s.									



Proposal 15218 - HD 110058 - ROLL 3 (78) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

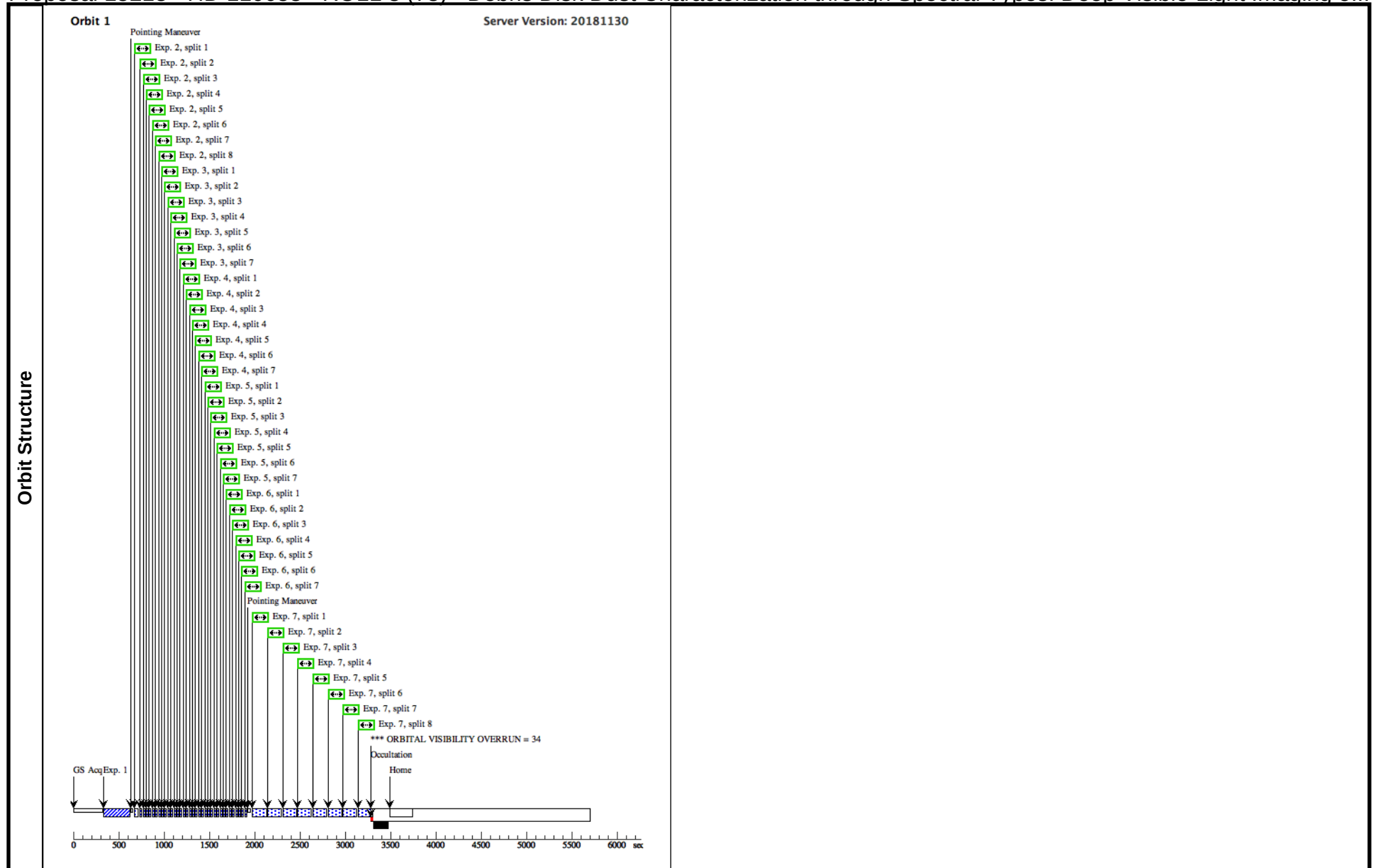
Visit	Proposal 15218, HD 110058 - ROLL 3 (78), scheduling					Mon Mar 11 11:02:23 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD					
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT -25D TO -18D FROM 76; AFTER 76 BY 0.5 Orbits TO 1.5 Orbits					
Comments: This is a repeat of visit 74.						
Diagnostics	(HD 110058 - ROLL 3 (78)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	HD-110058	RA: 12 39 46.1964 (189.9424850d)	Proper Motion RA: -29.88 mas/yr	V=7.97+/-0.01	Reference Frame: ICRS
			Dec: -49 11 55.54 (-49.19876d)	Proper Motion Dec: -14.25 mas/yr	B-V=0.171	
			Equinox: J2000	Parallax: 0.0053"		
				Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
A0V star.						
Category=STAR						
Description=[A0-A3 V-IV, CIRCUMSTELLAR MATTER, DISK]						

Proposal 15218 - HD 110058 - ROLL 3 (78) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 110058 ACQ (STIS.ta.100 6968)	(7) HD-110058	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 110058 - RO LL 3 (78)	0.7 Secs (0.7 Secs) [==>]	[1]
	Comments: SNR=100 for a A0V star with V=7.97									
	2	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=8; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 3 (78)	104 Secs (104 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	3	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 3 (78)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	4	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 3 (78)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									
	5	HD 110058 SHORT (STIS.im.10 07428)	(7) HD-110058	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 110058 - RO LL 3 (78)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 13.0s.									

Proposal 15218 - HD 110058 - ROLL 3 (78) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

6	HD 110058 (7) HD-110058 SHORT (STIS.im.10 07428)	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0	Sequence 1-7 Non-In t in HD 110058 - RO LL 3 (78)	91 Secs (91 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Comments: 80% full well capacity around BAR 5 is reached in 13.0s.							
7	HD 110058 (7) HD-110058 LONG (STIS.im.10 07428)	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-7 Non-In t in HD 110058 - RO LL 3 (78)	1101.6 Secs (1101.6 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around Wedge B1.0 is reached in 137.7s.							



Proposal 15218 - 49 Ceti - ROLL 1 (81) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nin...

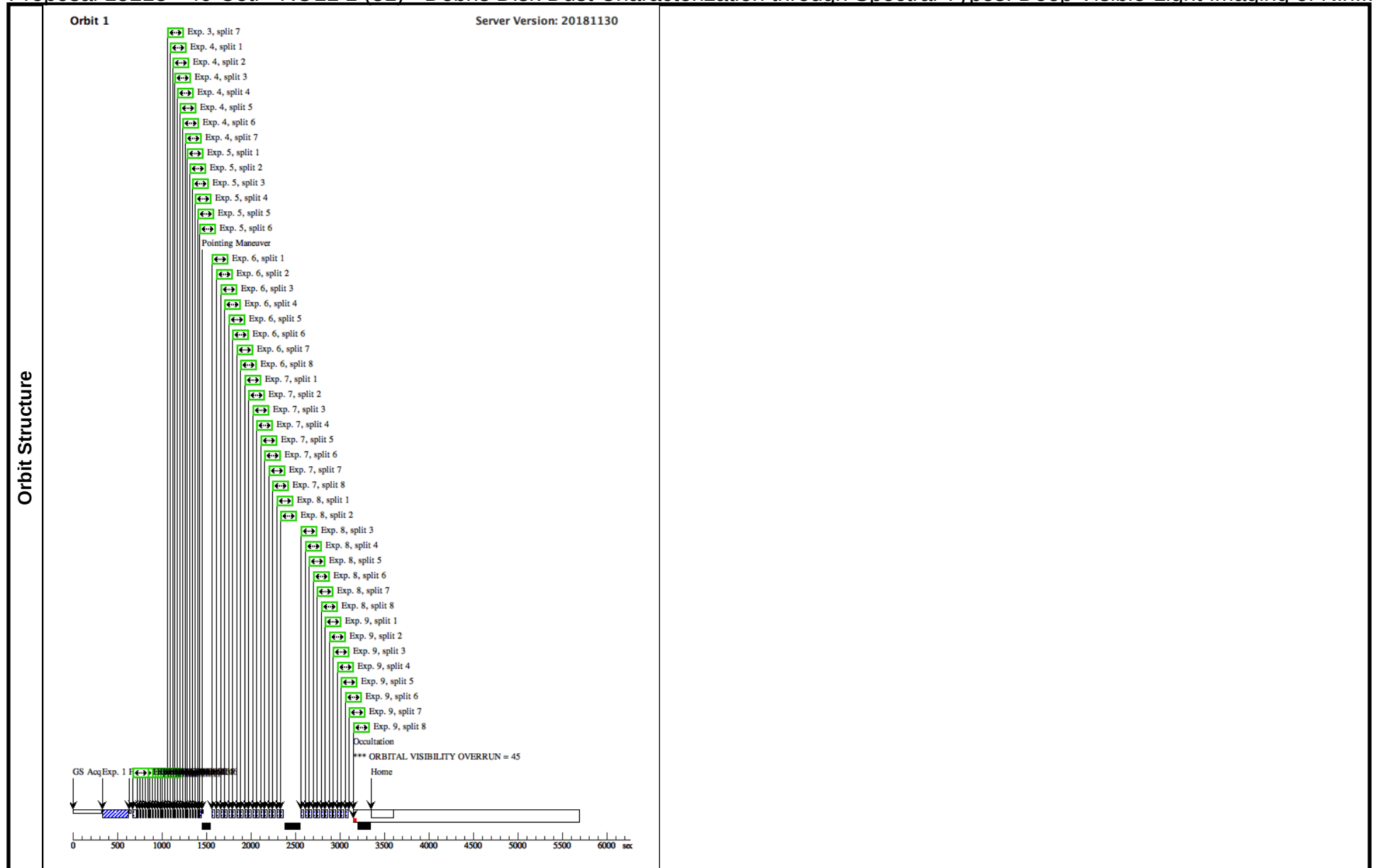
Visit	Proposal 15218, 49 Ceti - ROLL 1 (81), completed					Mon Mar 11 11:02:23 GMT 2019	
	Diagnostic Status: Warning						
	Scientific Instruments: STIS/CCD						
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 20D TO 25D FROM 82						
Diagnostics	(49 Ceti - ROLL 1 (81)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
	(49 Ceti - ROLL 1 (81)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 1 (81)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 1 (81)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 1 (81)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 1 (81)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 1 (81)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
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	(49 Ceti - ROLL 1 (81)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 1 (81)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
		(8)	49-CETI	RA: 01 34 37.7788 (23.6574117d)	Proper Motion RA: 94.84 mas/yr	V=5.607+/-0.009	Reference Frame: ICRS
				Dec: -15 40 34.90 (-15.67636d)	Proper Motion Dec: -3.14 mas/yr	B-V=0.074	
			Equinox: J2000	Parallax: 0.01684"			
				Epoch of Position: 2000			
				Radial Velocity: 10.30 km/sec			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.							
A1V star.							
Category=STAR							
Description=[A0-A3 V-IV, CIRCUMSTELLAR MATTER, DISK]							

Proposal 15218 - 49 Ceti - ROLL 1 (81) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nin...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	49 Ceti AC Q (STIS.ta.100 6969)	(8) 49-CETI	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-9 Non-In t in 49 Ceti - ROLL 1 (81)	0.2 Secs (0.2 Secs) [==>]	[1]
	Comments: SNR=100 for a A1V star with V=5.607 ---> x2 because too close to the minimum exposure time									
	2	49 Ceti SHO RT (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-9 Non-In t in 49 Ceti - ROLL 1 (81)	36.4 Secs (36.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 5.2s.									
	3	49 Ceti SHO RT (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-9 Non-In t in 49 Ceti - ROLL 1 (81)	36.4 Secs (36.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Exposures	Comments: 90% full well capacity around WEDGEA0.6 is reached in 5.2s.									
	4	49 Ceti SHO RT (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-9 Non-In t in 49 Ceti - ROLL 1 (81)	36.4 Secs (36.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 5.2s.									
	5	49 Ceti SHO RT (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-9 Non-In t in 49 Ceti - ROLL 1 (81)	31.2 Secs (31.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 5.2s.									

Proposal 15218 - 49 Ceti - ROLL 1 (81) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nin...

6	49 Ceti LO NG (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-Int t in 49 Ceti - ROLL 1 (81)	124.8 Secs (124.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15.6s.							
7	49 Ceti LO NG (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-Int t in 49 Ceti - ROLL 1 (81)	124.8 Secs (124.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15.6s.							
8	49 Ceti LO NG (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-Int t in 49 Ceti - ROLL 1 (81)	124.8 Secs (124.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15.6s.							
9	49 Ceti LO NG (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-Int t in 49 Ceti - ROLL 1 (81)	124.8 Secs (124.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15.6s.							



Proposal 15218 - 49 Ceti - ROLL 2 (82) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nin...

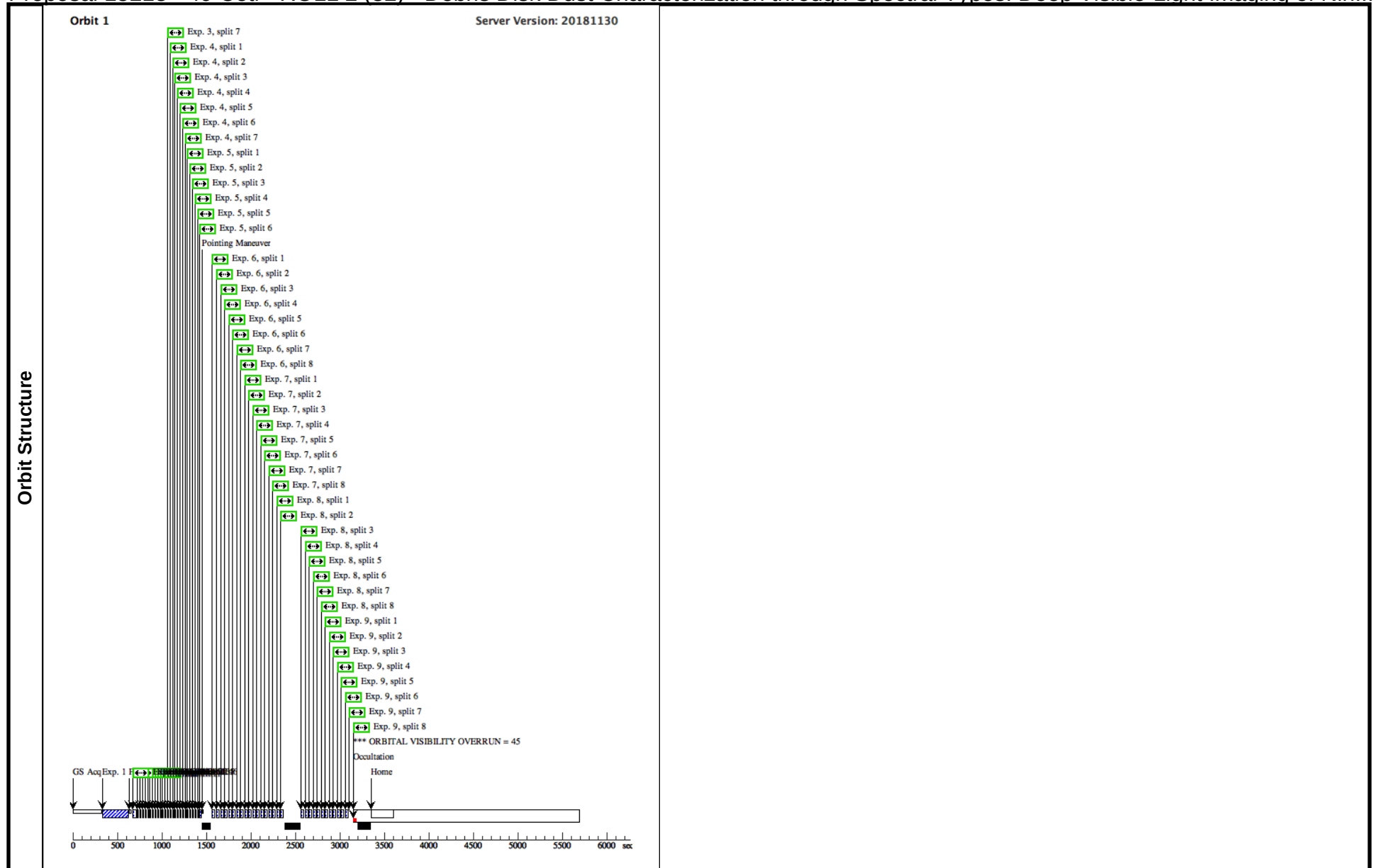
Proposal 15218, 49 Ceti - ROLL 2 (82), completed						Mon Mar 11 11:02:23 GMT 2019	
Visit	Diagnostic Status: Warning						
	Scientific Instruments: STIS/CCD						
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 60D TO 70 D; ORIENT 240D TO 250 D; AFTER 81 BY 0.5 Orbits TO 1.5 Orbits						
	<i>Comments: This is the visit with absolute orient constraints for this science target. This visit has orients constraints to place the disk's major axis (PA=110D) perpendicular to Wedge A. Wedge A is parrallel with +Y, and HST U3 is +45D from STIS +Y. To orient the disk's major axis perpendicular to Wedge A, we thus add 315D to its PA, ORIENT=65D (+/-5D). We provide the constraint modulo 180D (65D or 245D), but we have a strong preference for 65D.</i>						
Diagnostics	(49 Ceti - ROLL 2 (82)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
	(49 Ceti - ROLL 2 (82)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 2 (82)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 2 (82)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
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	(49 Ceti - ROLL 2 (82)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 2 (82)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
		(8)	49-CETI	RA: 01 34 37.7788 (23.6574117d) Dec: -15 40 34.90 (-15.67636d) Equinox: J2000	Proper Motion RA: 94.84 mas/yr Proper Motion Dec: -3.14 mas/yr Parallax: 0.01684" Epoch of Position: 2000 Radial Velocity: 10.30 km/sec	V=5.607+/-0.009 B-V=0.074	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>							
<i>AIV star.</i>							
<i>Category=STAR</i>							
<i>Description=[A0-A3 V-IV, CIRCUMSTELLAR MATTER, DISK]</i>							

Proposal 15218 - 49 Ceti - ROLL 2 (82) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nin...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	49 Ceti AC Q (STIS.ta.100 6969)	(8) 49-CETI	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-9 Non-In t in 49 Ceti - ROLL 2 (82)	0.2 Secs (0.2 Secs) [==>]	[1]
	Comments: SNR=100 for a A1V star with V=5.607 ---> x2 because too close to the minimum exposure time									
	2	49 Ceti SHO RT (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-9 Non-In t in 49 Ceti - ROLL 2 (82)	36.4 Secs (36.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 5.2s.									
	3	49 Ceti SHO RT (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-9 Non-In t in 49 Ceti - ROLL 2 (82)	36.4 Secs (36.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Exposures	Comments: 90% full well capacity around WEDGEA0.6 is reached in 5.2s.									
	4	49 Ceti SHO RT (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-9 Non-In t in 49 Ceti - ROLL 2 (82)	36.4 Secs (36.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 5.2s.									
	5	49 Ceti SHO RT (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-9 Non-In t in 49 Ceti - ROLL 2 (82)	31.2 Secs (31.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 5.2s.									

Proposal 15218 - 49 Ceti - ROLL 2 (82) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nin...

6	49 Ceti LO NG (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-Int t in 49 Ceti - ROLL 2 (82)	124.8 Secs (124.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15.6s.							
7	49 Ceti LO NG (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-Int t in 49 Ceti - ROLL 2 (82)	124.8 Secs (124.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15.6s.							
8	49 Ceti LO NG (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-Int t in 49 Ceti - ROLL 2 (82)	124.8 Secs (124.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15.6s.							
9	49 Ceti LO NG (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-Int t in 49 Ceti - ROLL 2 (82)	124.8 Secs (124.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15.6s.							



[illegible]

Proposal 15218 - 49 Ceti - PSF (83) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nine S...

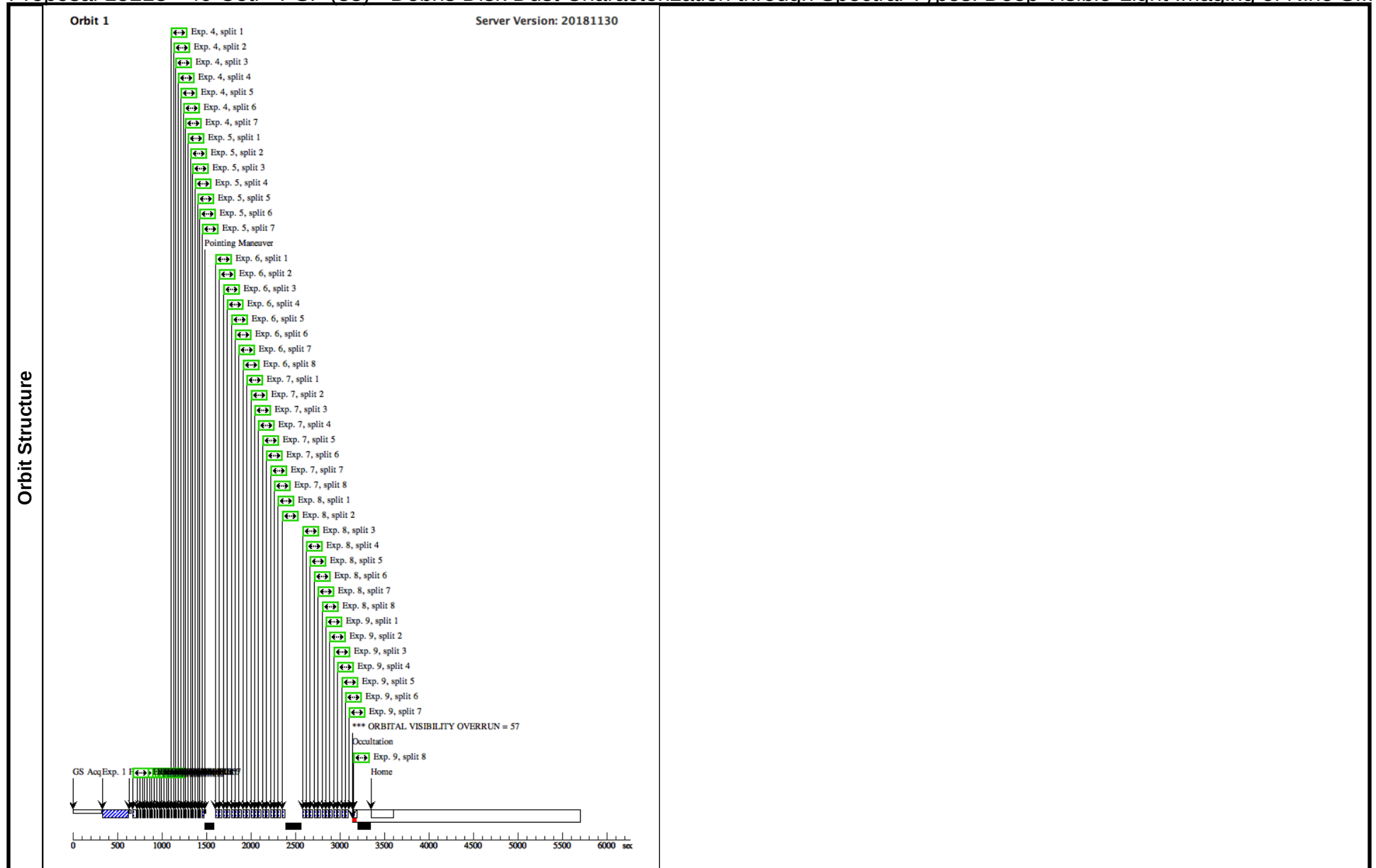
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(17)	PSF-49-CETI--28-CETI	RA: 01 06 5.1484 (16.5214517d)	Proper Motion RA: 31.10 mas/yr	V=5.565+/-0.009	Reference Frame: ICRS
		Alt Name1: 28-CETI	Dec: -09 50 21.67 (-9.83935d)	Proper Motion Dec: 6.10 mas/yr	B-V=0.006	
			Equinox: J2000	Parallax: 0.00553"		
				Epoch of Position: 2000		
				Radial Velocity: 12.4 km/sec		
		Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.				
		Reference star for 49 Ceti; It is 9.2D away;				
		Delta(B-V)=0.06				
		Delta(V)=0.04				
		Spectral type is A0V.				
		Category=STAR				
		Description=[A0-A3 V-IV]				

Proposal 15218 - 49 Ceti - PSF (83) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nine S...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	28 Cet ACQ (STIS.ta.100 6978)	(17) PSF-49-CETI-- 28-CETI	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-9 Non-In t in 49 Ceti - PSF (83)	0.2 Secs (0.2 Secs)		
									[==>]		[1]
	Comments: SNR=100 for a A0V star with V=5.565 ---> x2 because too close to the minimum exposure time										
	2	28 Cet SHO RT (STIS.im.10 07447)	(17) PSF-49-CETI-- 28-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=8		Sequence 1-9 Non-In t in 49 Ceti - PSF (83)	40 Secs (40 Secs)		
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]		[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 5s.											
Exposures	3	28 Cet SHO RT (STIS.im.10 07447)	(17) PSF-49-CETI-- 28-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-9 Non-In t in 49 Ceti - PSF (83)	35 Secs (35 Secs)		
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]		[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 5s.										
	4	28 Cet SHO RT (STIS.im.10 07447)	(17) PSF-49-CETI-- 28-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-9 Non-In t in 49 Ceti - PSF (83)	35 Secs (35 Secs)		
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]		[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 5s.										
Exposures	5	28 Cet SHO RT (STIS.im.10 07447)	(17) PSF-49-CETI-- 28-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-9 Non-In t in 49 Ceti - PSF (83)	35 Secs (35 Secs)		
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]		[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 5s.										

Proposal 15218 - 49 Ceti - PSF (83) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nine S...

6	28 Cet LON G (STIS.im.10 07447)	(17) PSF-49-CETI-- 28-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-In t in 49 Ceti - PSF (83)	120 Secs (120 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15s.							
7	28 Cet LON G (STIS.im.10 07447)	(17) PSF-49-CETI-- 28-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-In t in 49 Ceti - PSF (83)	120 Secs (120 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15s.							
8	28 Cet LON G (STIS.im.10 07447)	(17) PSF-49-CETI-- 28-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-In t in 49 Ceti - PSF (83)	120 Secs (120 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15s.							
9	28 Cet LON G (STIS.im.10 07447)	(17) PSF-49-CETI-- 28-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-In t in 49 Ceti - PSF (83)	120 Secs (120 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15s.							



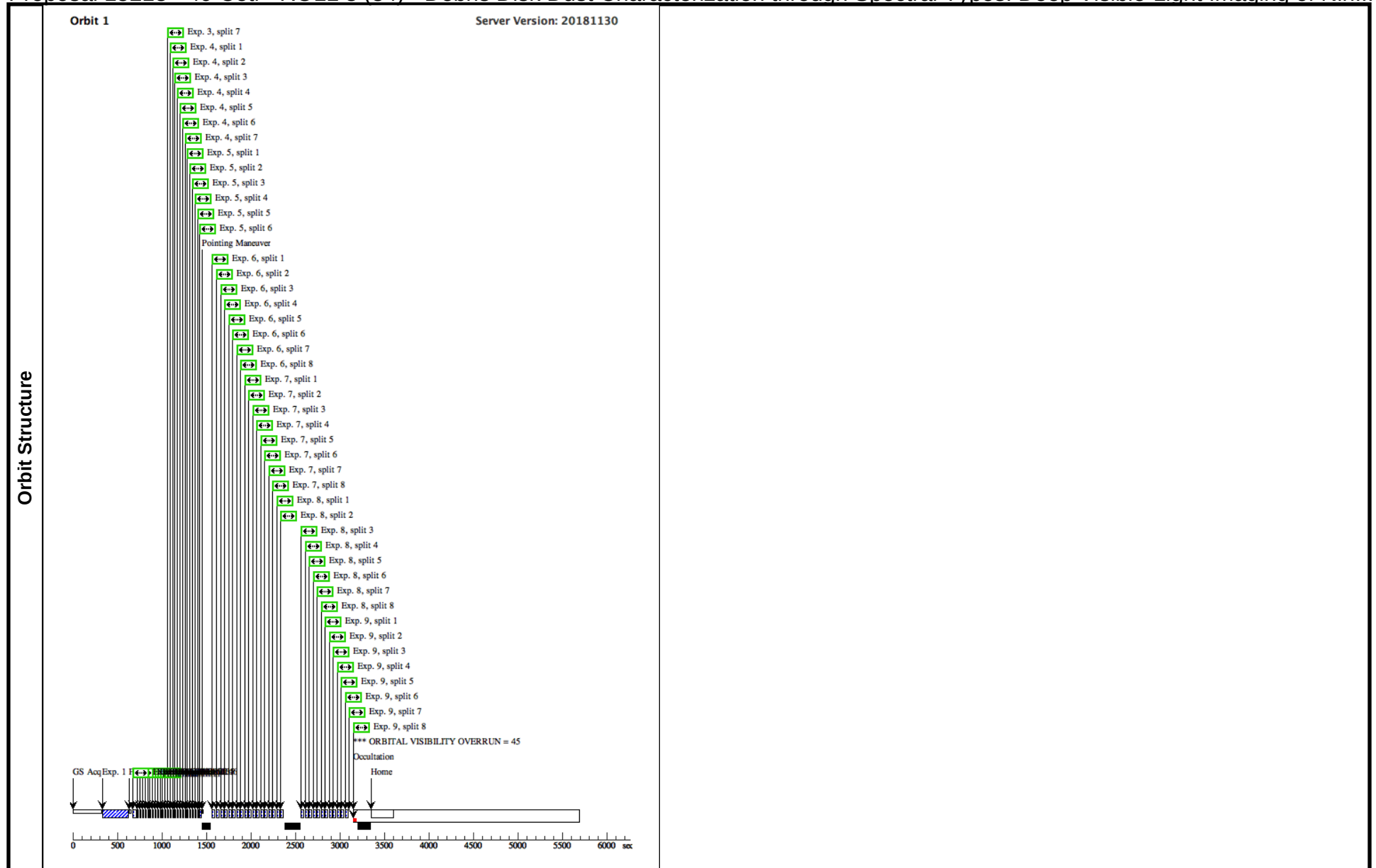
Proposal 15218, 49 Ceti - ROLL 3 (84), completed						Mon Mar 11 11:02:23 GMT 2019	
Visit	Diagnostic Status: Warning						
	Scientific Instruments: STIS/CCD						
Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT -25D TO -20D FROM 82; AFTER 83 BY 0.5 Orbits TO 1.5 Orbits							
Diagnostics	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
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	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
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	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
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	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	(49 Ceti - ROLL 3 (84)) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR						
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
		(8)	49-CETI	RA: 01 34 37.7788 (23.6574117d)	Proper Motion RA: 94.84 mas/yr	V=5.607+/-0.009	Reference Frame: ICRS
			Dec: -15 40 34.90 (-15.67636d)	Proper Motion Dec: -3.14 mas/yr	B-V=0.074		
			Equinox: J2000	Parallax: 0.01684"			
				Epoch of Position: 2000			
				Radial Velocity: 10.30 km/sec			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.							
AIV star.							
Category=STAR							
Description=[A0-A3 V-IV, CIRCUMSTELLAR MATTER, DISK]							

Proposal 15218 - 49 Ceti - ROLL 3 (84) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nin...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	49 Ceti AC Q (STIS.ta.100 6969)	(8) 49-CETI	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-9 Non-In t in 49 Ceti - ROLL 3 (84)	0.2 Secs (0.2 Secs) [==>]	[1]
	Comments: SNR=100 for a A1V star with V=5.607 ---> x2 because too close to the minimum exposure time									
	2	49 Ceti SHO RT (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-9 Non-In t in 49 Ceti - ROLL 3 (84)	36.4 Secs (36.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 5.2s.									
	3	49 Ceti SHO RT (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-9 Non-In t in 49 Ceti - ROLL 3 (84)	36.4 Secs (36.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 5.2s.										
Exposures	4	49 Ceti SHO RT (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=7		Sequence 1-9 Non-In t in 49 Ceti - ROLL 3 (84)	36.4 Secs (36.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 90% full well capacity around WEDGEA0.6 is reached in 5.2s.									
	5	49 Ceti SHO RT (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA0.6	MIRROR	GAIN=4; SIZEAXIS2=137; CR-SPLIT=6		Sequence 1-9 Non-In t in 49 Ceti - ROLL 3 (84)	31.2 Secs (31.2 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 90% full well capacity around WEDGEA0.6 is reached in 5.2s.										

Proposal 15218 - 49 Ceti - ROLL 3 (84) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Nin...

6	49 Ceti LO NG (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-Int in 49 Ceti - ROLL 3 (84)	124.8 Secs (124.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15.6s.							
7	49 Ceti LO NG (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-Int in 49 Ceti - ROLL 3 (84)	124.8 Secs (124.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15.6s.							
8	49 Ceti LO NG (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-Int in 49 Ceti - ROLL 3 (84)	124.8 Secs (124.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15.6s.							
9	49 Ceti LO NG (STIS.im.10 07430)	(8) 49-CETI	STIS/CCD, ACCUM, WEDGEA1.0 MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=8	Sequence 1-9 Non-Int in 49 Ceti - ROLL 3 (84)	124.8 Secs (124.8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
Comments: 90% full well capacity around WEDGEA1.0 is reached in 15.6s.							



Proposal 15218 - HD 131835 - ROLL 1 (91) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

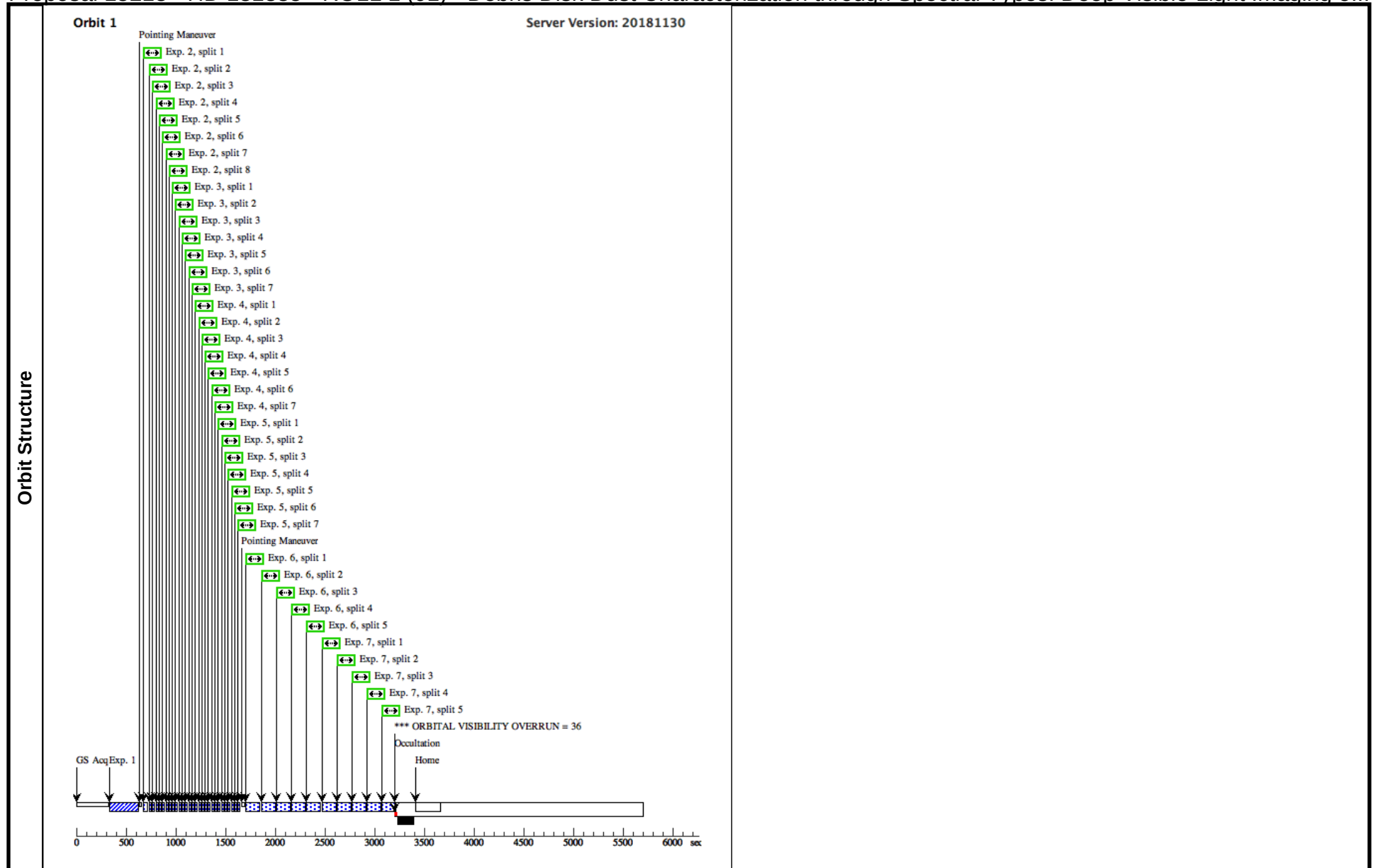
Visit	Proposal 15218, HD 131835 - ROLL 1 (91), scheduled Mon Mar 11 11:02:23 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 20D TO 25D FROM 92				
Diagnostics	(HD 131835 - ROLL 1 (91)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	HD-131835	RA: 14 56 54.4681 (224.2269504d) Dec: -35 41 43.66 (-35.69546d) Equinox: J2000	Proper Motion RA: -23.01 mas/yr Proper Motion Dec: -24.87 mas/yr Parallax: 0.00687" Epoch of Position: 2000 Radial Velocity: 0.50 km/sec	V=7.822+/-0.01 B-V=0.179
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. A2IV star. Category=STAR Description=[A0-A3 V-IV, CIRCUMSTELLAR MATTER, DISK]				

Proposal 15218 - HD 131835 - ROLL 1 (91) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 131835 ACQ (STIS.ta.101 3925)	(9) HD-131835	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 131835 - RO LL 1 (91)	0.6 Secs (0.6 Secs) [==>]	[1]
	Comments: SNR=100 for a A2IV star with V=7.86									
	2	HD 131835 SHORT (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=8; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 131835 - RO LL 1 (91)	92 Secs (92 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.5s.									
	3	HD 131835 SHORT (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 131835 - RO LL 1 (91)	80.5 Secs (80.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Exposures	Comments: 80% full well capacity around BAR 5 is reached in 11.5s.									
	4	HD 131835 SHORT (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 131835 - RO LL 1 (91)	80.5 Secs (80.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.5s.									
	5	HD 131835 SHORT (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 131835 - RO LL 1 (91)	80.5 Secs (80.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.5s.									

Proposal 15218 - HD 131835 - ROLL 1 (91) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

6	HD 131835 LONG (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5	Sequence 1-7 Non-Int in HD 131835 - ROLL 1 (91)	612 Secs (612 Secs)	[1]
							[==>(Split 1)]	
							[==>(Split 2)]	
							[==>(Split 3)]	
							[==>(Split 4)]	
							[==>(Split 5)]	
Comments: 90% full well capacity around Wedge B1.0 is reached in 122.4s.								
7	HD 131835 LONG (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5	Sequence 1-7 Non-Int in HD 131835 - ROLL 1 (91)	612 Secs (612 Secs)	[1]
							[==>(Split 1)]	
							[==>(Split 2)]	
							[==>(Split 3)]	
							[==>(Split 4)]	
							[==>(Split 5)]	
Comments: 90% full well capacity around Wedge B1.0 is reached in 122.4s.								



Proposal 15218 - HD 131835 - ROLL 2 (92) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

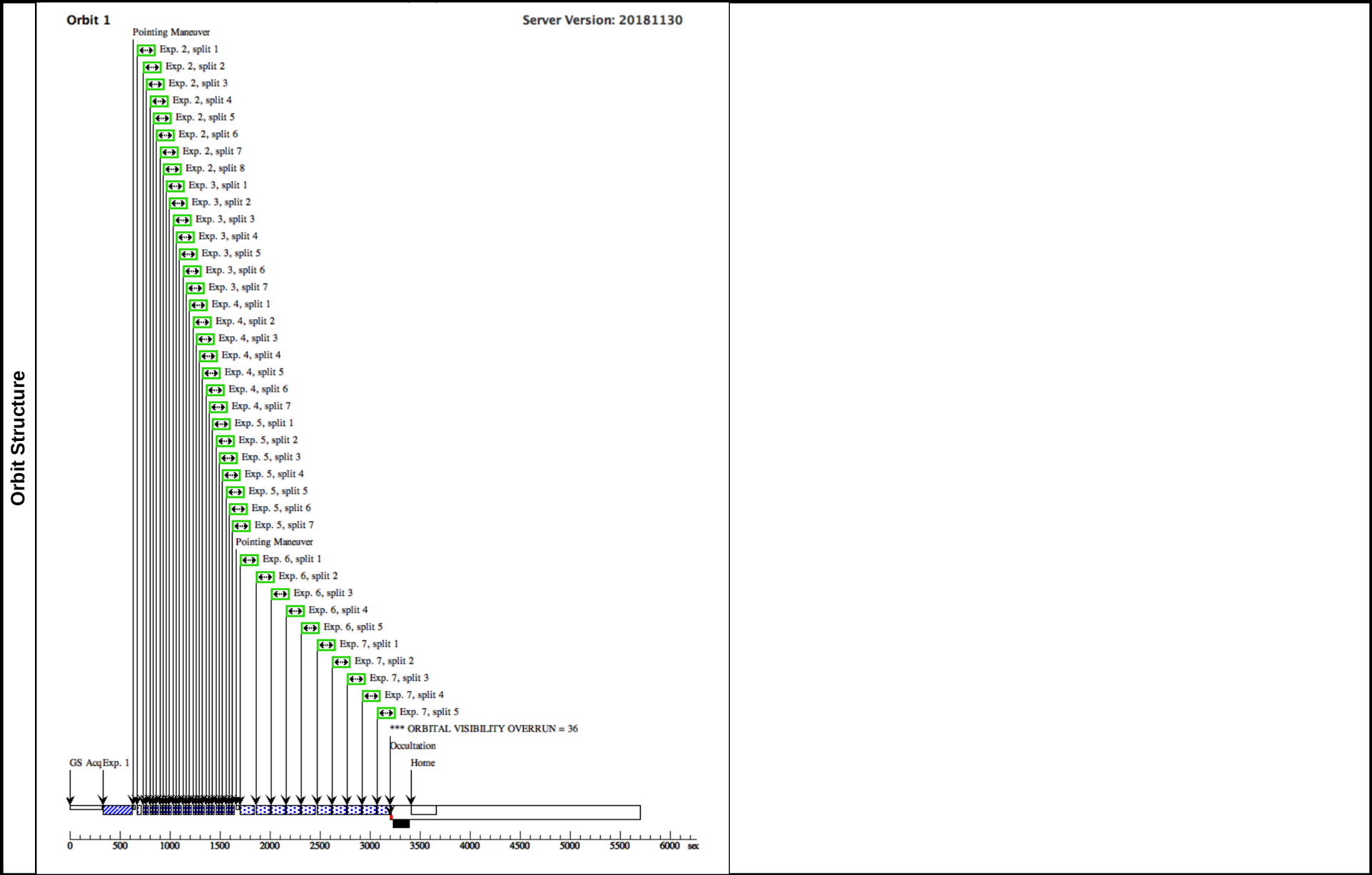
Visit	Proposal 15218, HD 131835 - ROLL 2 (92), scheduled					Mon Mar 11 11:02:23 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD					
	Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 292D TO 302 D; ORIENT 112D TO 122 D; AFTER 91 BY 0.5 Orbits TO 1.5 Orbits					
Comments: This is the visit with absolute orient constraint for this science target. This visit has orients constraints to place the disk's major axis (PA=240D) perpendicular to BAR5. BAR5 is oriented +78.245D from +Y, and HST U3 is +45D from STIS +Y. To orient the disk's major axis perpendicular to BAR5, we thus add 56.755D to its PA, ORIENT=297D (+/-5D). We provide the constraint modulo 180D (297D or 117D) but have a strong preference for the 297D constraint.						
Diagnostics	(HD 131835 - ROLL 2 (92)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(9)	HD-131835	RA: 14 56 54.4681 (224.2269504d)	Proper Motion RA: -23.01 mas/yr	V=7.822+/-0.01	Reference Frame: ICRS
			Dec: -35 41 43.66 (-35.69546d)	Proper Motion Dec: -24.87 mas/yr	B-V=0.179	
			Equinox: J2000	Parallax: 0.00687"		
Epoch of Position: 2000 Radial Velocity: 0.50 km/sec Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. A2IV star. Category=STAR Description=[A0-A3 V-IV, CIRCUMSTELLAR MATTER, DISK]						

Proposal 15218 - HD 131835 - ROLL 2 (92) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 131835 ACQ (STIS.ta.101 3925)	(9) HD-131835	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 131835 - RO LL 2 (92)	0.6 Secs (0.6 Secs) [==>]	[1]
	Comments: SNR=100 for a A2IV star with V=7.86									
	2	HD 131835 SHORT (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=8; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 131835 - RO LL 2 (92)	92 Secs (92 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.5s.									
	3	HD 131835 SHORT (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 131835 - RO LL 2 (92)	80.5 Secs (80.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Exposures	Comments: 80% full well capacity around BAR 5 is reached in 11.5s.									
	4	HD 131835 SHORT (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 131835 - RO LL 2 (92)	80.5 Secs (80.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.5s.									
	5	HD 131835 SHORT (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 131835 - RO LL 2 (92)	80.5 Secs (80.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.5s.									

Proposal 15218 - HD 131835 - ROLL 2 (92) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

6	HD 131835 LONG (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5	Sequence 1-7 Non-Int in HD 131835 - ROLL 2 (92)	612 Secs (612 Secs)	[1]
							[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	
Comments: 90% full well capacity around Wedge B1.0 is reached in 122.4s.								
7	HD 131835 LONG (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5	Sequence 1-7 Non-Int in HD 131835 - ROLL 2 (92)	612 Secs (612 Secs)	[1]
							[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	
Comments: 90% full well capacity around Wedge B1.0 is reached in 122.4s.								



Proposal 15218 - HD 131835 - PSF (93) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

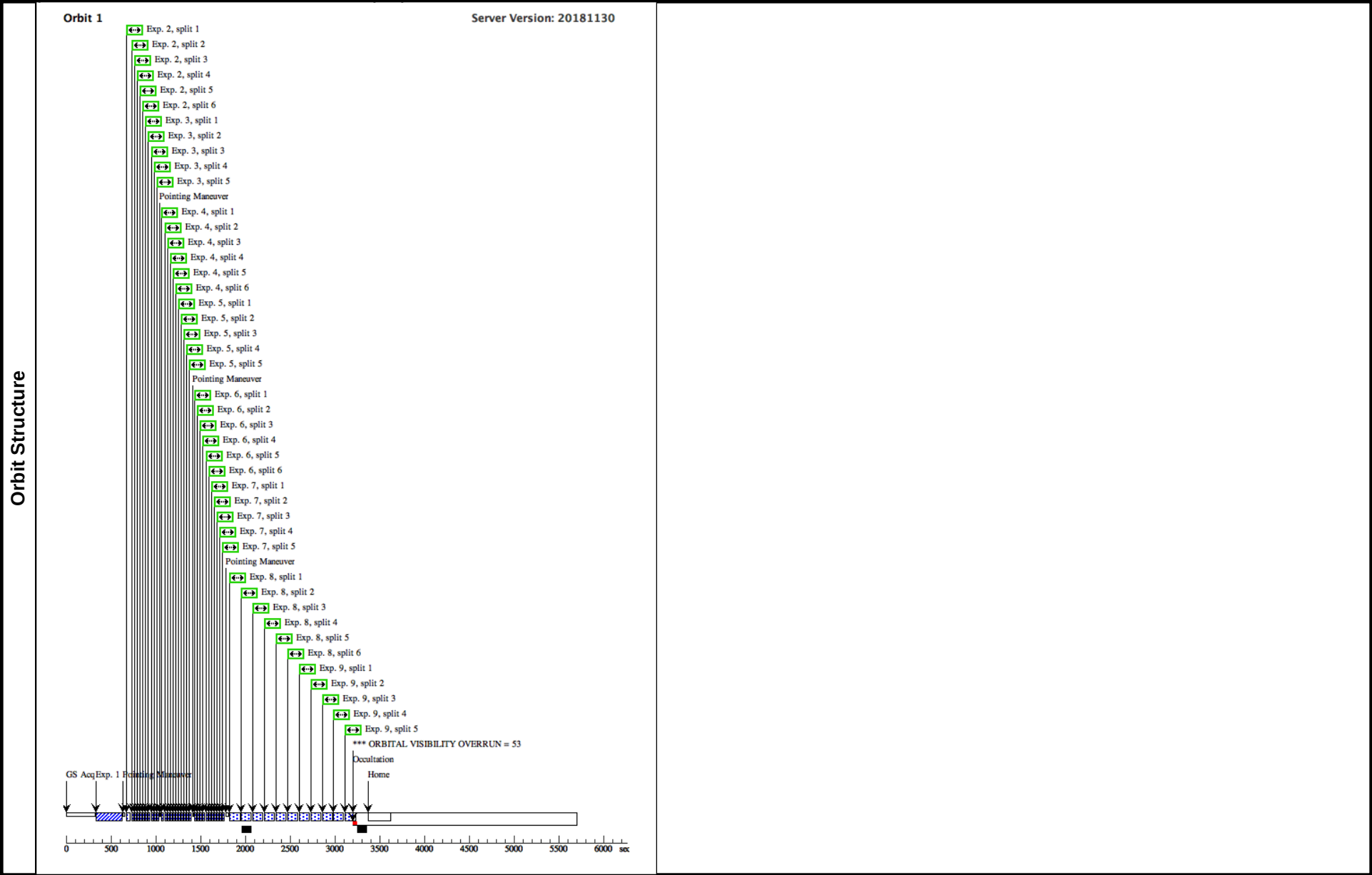
Visit	Proposal 15218, HD 131835 - PSF (93), scheduled Mon Mar 11 11:02:23 GMT 2019					
	Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; AFTER 92 BY 0.5 Orbits TO 1.5 Orbits					
Diagnostics	(HD 131835 - PSF (93)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(18)	PSF-HD-131835--HD-130388 Alt Name1: HD-130388	RA: 14 49 1.7364 (222.2572350d) Dec: -35 33 1.05 (-35.55029d) Equinox: J2000	Proper Motion RA: 22.27 mas/yr Proper Motion Dec: -31.51 mas/yr Parallax: 0.00431" Epoch of Position: 2000	V=7.605 B-V=0.163	Reference Frame: ICRS
Fixed Targets	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Reference star for HD 131835; It is 2.0D away; Delta(B-V)=0.02 Delta(V)=0.22 Spectral type is A2III. Category=STAR Description=[A0-A3 V-IV]					

Proposal 15218 - HD 131835 - PSF (93) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 130388 ACQ (STIS.ta.101 3981)	(18) PSF-HD-13183 5--HD-130388	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-9 Non-In t in HD 131835 - PS F (93)	0.5 Secs (0.5 Secs) [==>]	[1]
	Comments: SNR=100 for a A2 star with V=7.605									
	2	HD 130388 CENT (STIS.im.10 13982)	(18) PSF-HD-13183 5--HD-130388	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0		Sequence 1-9 Non-In t in HD 131835 - PS F (93)	56.4 Secs (56.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 9.4s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
Exposures	3	HD 130388 CENT (STIS.im.10 13982)	(18) PSF-HD-13183 5--HD-130388	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=5; CENTERAXIS2=70 0		Sequence 1-9 Non-In t in HD 131835 - PS F (93)	47 Secs (47 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 9.4s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
	4	HD 130388 PLUS (STIS.im.10 13982)	(18) PSF-HD-13183 5--HD-130388	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0	POS TARG +0.0024 8,+0.01245	Sequence 1-9 Non-In t in HD 131835 - PS F (93)	56.4 Secs (56.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 9.4s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
	5	HD 130388 PLUS (STIS.im.10 13982)	(18) PSF-HD-13183 5--HD-130388	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=5; CENTERAXIS2=70 0	POS TARG +0.0024 8,+0.01245	Sequence 1-9 Non-In t in HD 131835 - PS F (93)	47 Secs (47 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 9.4s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									

Proposal 15218 - HD 131835 - PSF (93) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging of Ni...

6	HD 130388 MINUS (STIS.im.10 13982)	(18) PSF-HD-13183 5--HD-130388	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=6; CENTERAXIS2=70 0	POS TARG -0.0024 8,-0.01245	Sequence 1-9 Non-Int in HD 131835 - PSF (93)	56.4 Secs (56.4 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 80% full well capacity around BAR 5 is reached in 9.4s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
7	HD 130388 MINUS (STIS.im.10 13982)	(18) PSF-HD-13183 5--HD-130388	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=5; CENTERAXIS2=70 0	POS TARG -0.0024 8,-0.01245	Sequence 1-9 Non-Int in HD 131835 - PSF (93)	47 Secs (47 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
Comments: 80% full well capacity around BAR 5 is reached in 9.4s. We will spend 1/2 the visit at this mask position with 3-point line dither pattern to have PSF diversity. (0.25 pixel step perpendicular to the 78.245D BAR5) We use a reduce exposure time to have the same number of frames as the science target.									
8	HD 130388 LONG (STIS.im.10 13982)	(18) PSF-HD-13183 5--HD-130388	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=6		Sequence 1-9 Non-Int in HD 131835 - PSF (93)	600 Secs (600 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
Comments: 90% full well capacity around WEDGE1.0 is reached in 100.2s.									
9	HD 130388 LONG (STIS.im.10 13982)	(18) PSF-HD-13183 5--HD-130388	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5		Sequence 1-9 Non-Int in HD 131835 - PSF (93)	500 Secs (500 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
Comments: 90% full well capacity around WEDGE1.0 is reached in 100.2s.									



Proposal 15218 - HD 131835 - ROLL 3 (94) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Visit	Proposal 15218, HD 131835 - ROLL 3 (94), scheduled Mon Mar 11 11:02:23 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT -25D TO -20D FROM 92; AFTER 93 BY 0.5 Orbits TO 1.5 Orbits				
Diagnostics	(HD 131835 - ROLL 3 (94)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	HD-131835	RA: 14 56 54.4681 (224.2269504d) Dec: -35 41 43.66 (-35.69546d) Equinox: J2000	Proper Motion RA: -23.01 mas/yr Proper Motion Dec: -24.87 mas/yr Parallax: 0.00687" Epoch of Position: 2000 Radial Velocity: 0.50 km/sec	V=7.822+/-0.01 B-V=0.179
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. A2IV star. Category=STAR Description=[A0-A3 V-IV, CIRCUMSTELLAR MATTER, DISK]				

Proposal 15218 - HD 131835 - ROLL 3 (94) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	HD 131835 ACQ (STIS.ta.101 3925)	(9) HD-131835	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT	GS ACQ SCENARI O BASE1B3	Sequence 1-7 Non-In t in HD 131835 - RO LL 3 (94)	0.6 Secs (0.6 Secs) [==>]	[1]
	Comments: SNR=100 for a A2IV star with V=7.86									
	2	HD 131835 SHORT (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=8; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 131835 - RO LL 3 (94)	92 Secs (92 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.5s.									
	3	HD 131835 SHORT (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 131835 - RO LL 3 (94)	80.5 Secs (80.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
Exposures	Comments: 80% full well capacity around BAR 5 is reached in 11.5s.									
	4	HD 131835 SHORT (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 131835 - RO LL 3 (94)	80.5 Secs (80.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.5s.									
	5	HD 131835 SHORT (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, BAR5	MIRROR	GAIN=4; SIZEAXIS2=100; CR-SPLIT=7; CENTERAXIS2=70 0		Sequence 1-7 Non-In t in HD 131835 - RO LL 3 (94)	80.5 Secs (80.5 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]
	Comments: 80% full well capacity around BAR 5 is reached in 11.5s.									

Proposal 15218 - HD 131835 - ROLL 3 (94) - Debris Disk Dust Characterization through Spectral Types: Deep Visible-Light Imaging o...

6	HD 131835 LONG (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5	Sequence 1-7 Non-Int in HD 131835 - ROLL 3 (94)	612 Secs (612 Secs)	[1]
							[==>(Split 1)]	
							[==>(Split 2)]	
							[==>(Split 3)]	
							[==>(Split 4)]	
							[==>(Split 5)]	
Comments: 90% full well capacity around Wedge B1.0 is reached in 122.4s.								
7	HD 131835 LONG (STIS.im.10 13930)	(9) HD-131835	STIS/CCD, ACCUM, WEDGE B1.0	MIRROR	GAIN=4; SIZEAXIS2=427; CR-SPLIT=5	Sequence 1-7 Non-Int in HD 131835 - ROLL 3 (94)	612 Secs (612 Secs)	[1]
							[==>(Split 1)]	
							[==>(Split 2)]	
							[==>(Split 3)]	
							[==>(Split 4)]	
							[==>(Split 5)]	
Comments: 90% full well capacity around Wedge B1.0 is reached in 122.4s.								

