



13725 - Testing the correlation between low mass planets and debris disks

Cycle: 22, Proposal Category: GO

(Availability Mode: AVAILABLE)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) HD115617	STIS/CCD	1	02-May-2015 21:00:48.0	yes
02	(102) PSF-HD101259	STIS/CCD	1	02-May-2015 21:00:54.0	yes
03	(1) HD115617	STIS/CCD	1	02-May-2015 21:00:59.0	yes
04	(1) HD115617	STIS/CCD	1	02-May-2015 21:01:06.0	yes
05	(2) GJ581	STIS/CCD	1	02-May-2015 21:01:09.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
06	(2) GJ581	STIS/CCD	1	02-May-2015 21:01:11.0	yes
07	(202) PSF-HD191849	STIS/CCD	1	02-May-2015 21:01:15.0	yes
08	(3) FOMALHAUTC	STIS/CCD	1	02-May-2015 21:01:18.0	yes
09	(3) FOMALHAUTC	STIS/CCD	1	02-May-2015 21:01:20.0	yes

9 Total Orbits Used

ABSTRACT

The number of dusty debris disks has increased across all spectral types through recent infrared surveys. This has provided greater overlap with stars known to host extrasolar planets via RV surveys. New studies have therefore investigated how the different properties of host stars, exoplanets, and debris disks may be correlated, with the objective of giving empirical support to competing theories of planet formation and evolution. One such emerging correlation is that stars with only low mass planets are more likely to host prominent debris disks than stars that have at least one giant planet. If true, then M dwarfs should have abundant debris disks given that they more frequently have low mass planetary systems. However, the information needed to critically test these ideas is lacking. For most systems, the presence of an outer planet with >30 Earth masses has not been observationally tested, nor are there many M dwarf debris disks available for detailed scrutiny. Here we propose to use STIS coronagraphy to image for the first time the debris disks around three nearby stars in optical scattered light. Searching for sharp dust belt structures indirectly tests for the existence of outer planets that are otherwise undetectable by RV or adaptive optics planet searches. Moreover, two of our target stars are the most recently discovered M dwarf debris disks, both closer to the Sun than AU Mic. The scattered light observations of these two targets would present a major advance in characterizing how M dwarf debris disks co-evolve with planets under different stellar environments.

Proposal 13725 - 61Vir roll1 (01) - Testing the correlation between low mass planets and debris disks

Sun May 03 01:01:20 GMT 2015

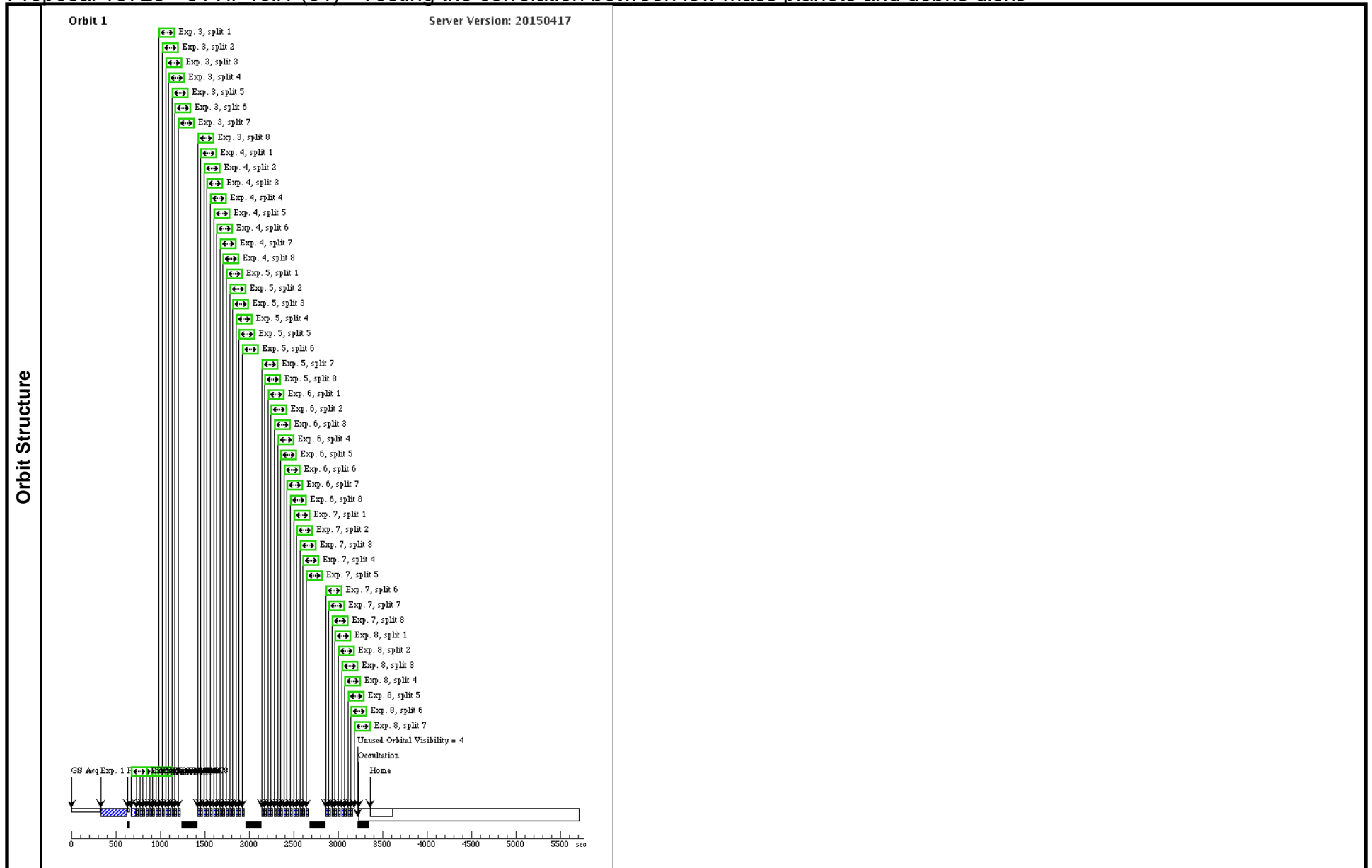
Visit	Proposal 13725, 61Vir_roll1 (01), implementation Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: ORIENT 85D TO 90 D; ORIENT 265D TO 270 D; SEQ 01.02.03.04 WITHIN 4 Orbits					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	HD115617 Alt Name1: 61-VIR	RA: 13 18 24.3143 (199.6013096d) Dec: -18 18 40.30 (-18.31119d) Equinox: J2000	Proper Motion RA: -1070.36 mas/yr Proper Motion Dec: -1063.69 mas/yr Parallax: 0.11689" Epoch of Position: 2000.0	V=4.74 B=5.44	Reference Frame: ICRS
<i>Comments: Very high proper motion. G7V</i>						

Proposal 13725 - 61Vir roll1 (01) - Testing the correlation between low mass planets and debris disks

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) HD115617	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
								[==>]	[1]
	2	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			40 Secs (40 Secs)	
								[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			40 Secs (40 Secs)	
							[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
	4	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			40 Secs (40 Secs)	
							[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	
	5	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			40 Secs (40 Secs)	
							[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	

Proposal 13725 - 61Vir roll1 (01) - Testing the correlation between low mass planets and debris disks

6	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0 MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500	40 Secs (40 Secs)	[1]
				[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	
7	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0 MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500	40 Secs (40 Secs)	[1]
				[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	
8	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0 MIRROR	CR-SPLIT=7; GAIN=4; SIZEAXIS2=500	35 Secs (35 Secs)	[1]
				[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	



Proposal 13725 - PSF (02) - Testing the correlation between low mass planets and debris disks

Sun May 03 01:01:21 GMT 2015

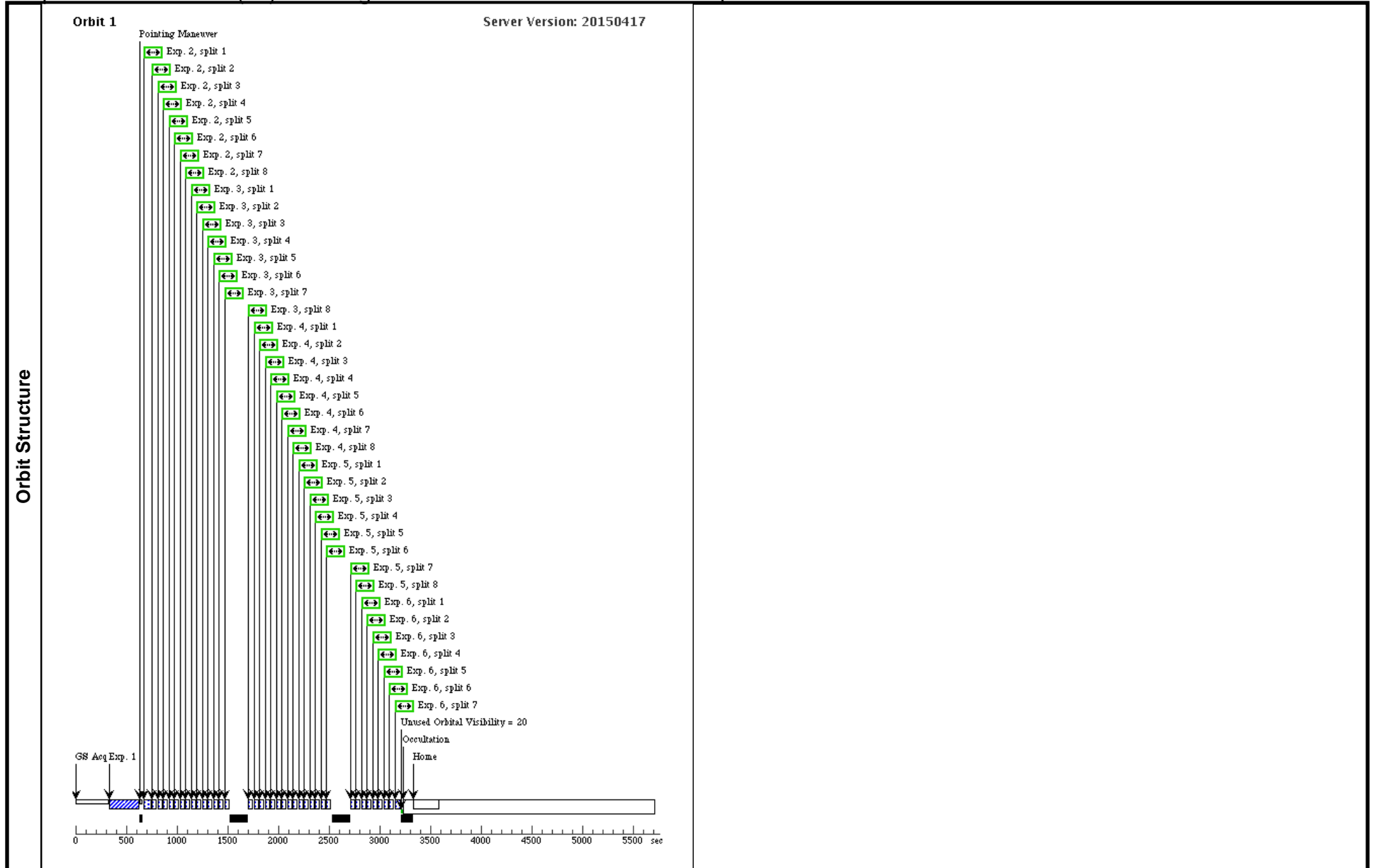
Visit	Proposal 13725, PSF (02), implementation Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: (none)					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(102)		PSF-HD101259	RA: 11 39 0.4422 (174.7518425d) Dec: -24 43 15.93 (-24.72109d) Equinox: J2000	Proper Motion RA: 31.13 mas/yr Proper Motion Dec: -240.05 mas/yr Parallax: 0.01585" Epoch of Position: 2000.0	V=6.42 B=7.24	Reference Frame: ICRS
<i>Comments: Correct PSF reference star for 61 Vir. G7V.</i>						

Proposal 13725 - PSF (02) - Testing the correlation between low mass planets and debris disks

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(102) PSF-HD10125 9	STIS/CCD, ACQ, F25ND3	MIRROR				0.2 Secs (0.2 Secs) [==>]	[1]
	<i>Comments: G7V, V=6.4 mag</i>								
	2	(102) PSF-HD10125 9	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			192 Secs (192 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(102) PSF-HD10125 9	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			192 Secs (192 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	4	(102) PSF-HD10125 9	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			192 Secs (192 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
5	(102) PSF-HD10125 9	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			192 Secs (192 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	

Proposal 13725 - PSF (02) - Testing the correlation between low mass planets and debris disks

6	(102) PSF-HD10125 STIS/CCD, ACCUM, WEDGE1.0 MIRROR 9	CR-SPLIT=7; GAIN=4; SIZEAXIS2=500	168 Secs (168 Secs) [=>(Split 1)] [=>(Split 2)] [=>(Split 3)] [=>(Split 4)] [=>(Split 5)] [=>(Split 6)] [=>(Split 7)]	[1]
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Proposal 13725 - 61Vir roll2 (03) - Testing the correlation between low mass planets and debris disks

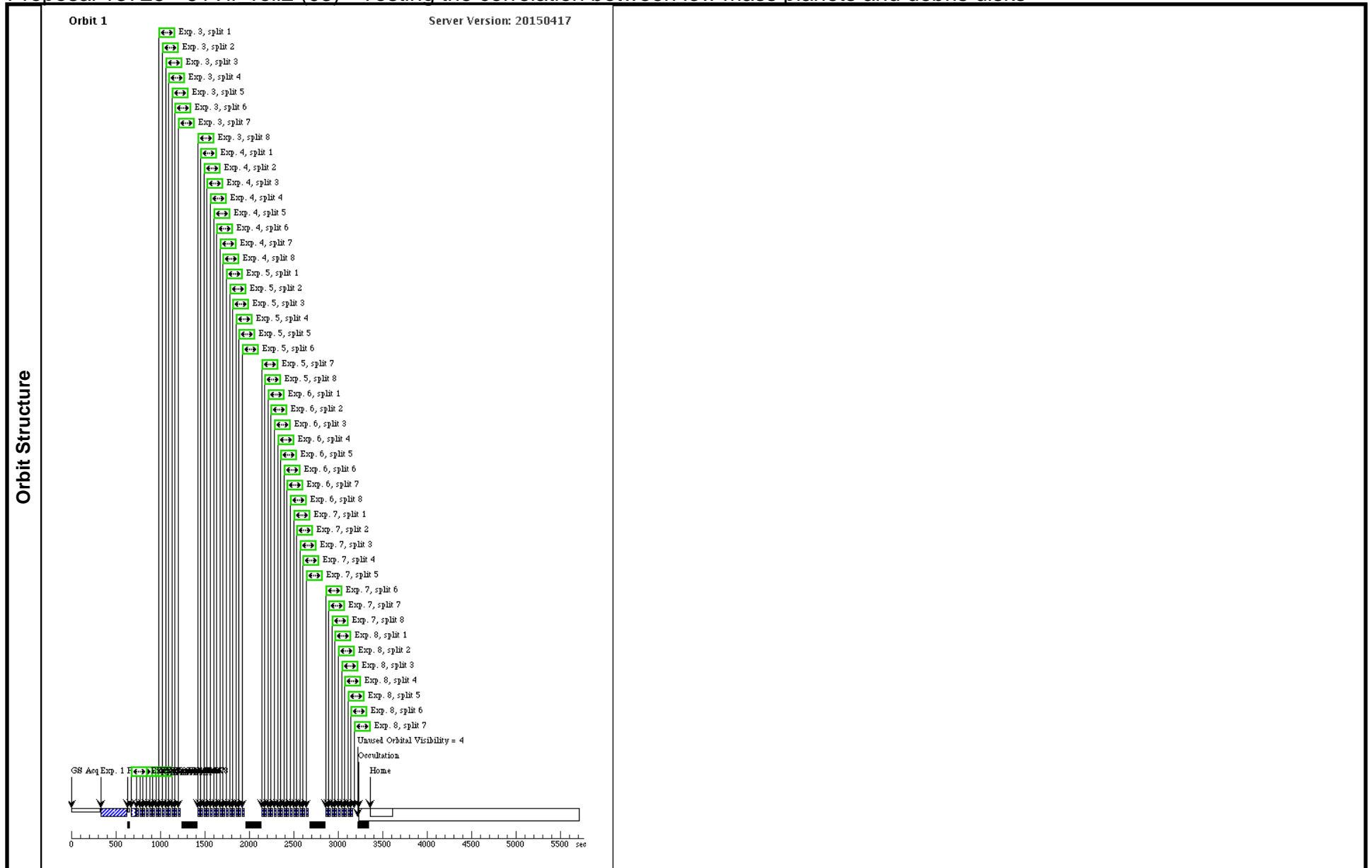
Visit	Proposal 13725, 61Vir_roll2 (03), implementation Sun May 03 01:01:21 GMT 2015 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: ORIENT 12D TO 18D FROM 01					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(1)		HD115617 Alt Name1: 61-VIR	RA: 13 18 24.3143 (199.6013096d) Dec: -18 18 40.30 (-18.31119d) Equinox: J2000	Proper Motion RA: -1070.36 mas/yr Proper Motion Dec: -1063.69 mas/yr Parallax: 0.11689" Epoch of Position: 2000.0	V=4.74 B=5.44	Reference Frame: ICRS
<i>Comments: Very high proper motion. G7V</i>						

Proposal 13725 - 61Vir roll2 (03) - Testing the correlation between low mass planets and debris disks

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) HD115617	STIS/CCD, ACQ, F25ND3	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			40 Secs (40 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			40 Secs (40 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	4	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			40 Secs (40 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	5	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			40 Secs (40 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]

Proposal 13725 - 61Vir roll2 (03) - Testing the correlation between low mass planets and debris disks

6	(1) HD115617	STIS/CCD, ACCUM, WEDGEB1.0 MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500	40 Secs (40 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
7	(1) HD115617	STIS/CCD, ACCUM, WEDGEB1.0 MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500	40 Secs (40 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
8	(1) HD115617	STIS/CCD, ACCUM, WEDGEB1.0 MIRROR	CR-SPLIT=7; GAIN=4; SIZEAXIS2=500	35 Secs (35 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	[1]



Proposal 13725 - 61Vir roll3 (04) - Testing the correlation between low mass planets and debris disks

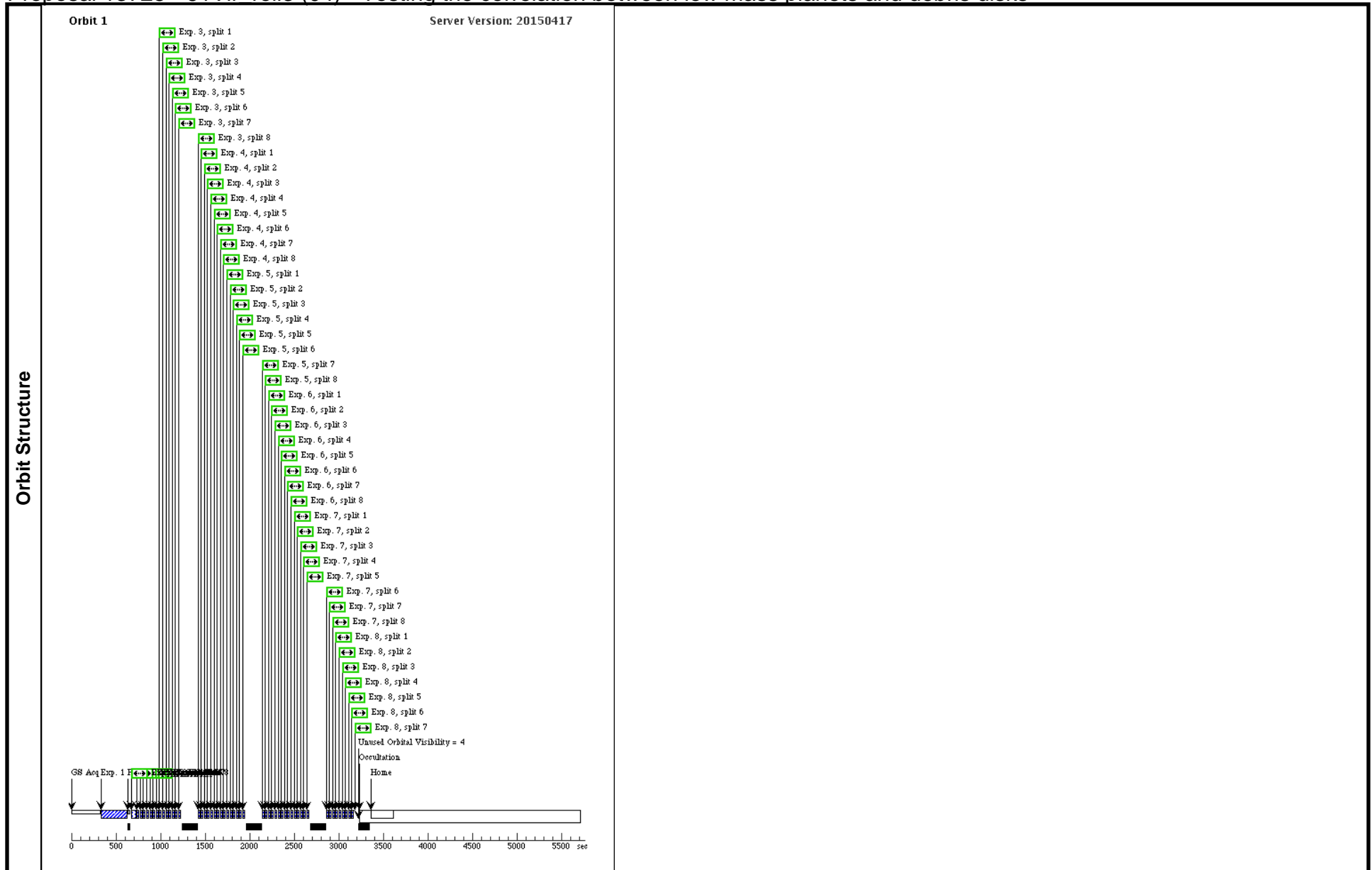
Visit	Proposal 13725, 61Vir_roll3 (04), implementation Sun May 03 01:01:22 GMT 2015 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: ORIENT 27D TO 33D FROM 01					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(1)		HD115617 Alt Name1: 61-VIR	RA: 13 18 24.3143 (199.6013096d) Dec: -18 18 40.30 (-18.31119d) Equinox: J2000	Proper Motion RA: -1070.36 mas/yr Proper Motion Dec: -1063.69 mas/yr Parallax: 0.11689" Epoch of Position: 2000.0	V=4.74 B=5.44	Reference Frame: ICRS
<i>Comments: Very high proper motion. G7V</i>						

Proposal 13725 - 61Vir roll3 (04) - Testing the correlation between low mass planets and debris disks

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) HD115617	STIS/CCD, ACQ, F25ND3	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			40 Secs (40 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	3	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			40 Secs (40 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	4	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			40 Secs (40 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
	5	(1) HD115617	STIS/CCD, ACCUM, WEDGE1.0	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500			40 Secs (40 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]

Proposal 13725 - 61Vir roll3 (04) - Testing the correlation between low mass planets and debris disks

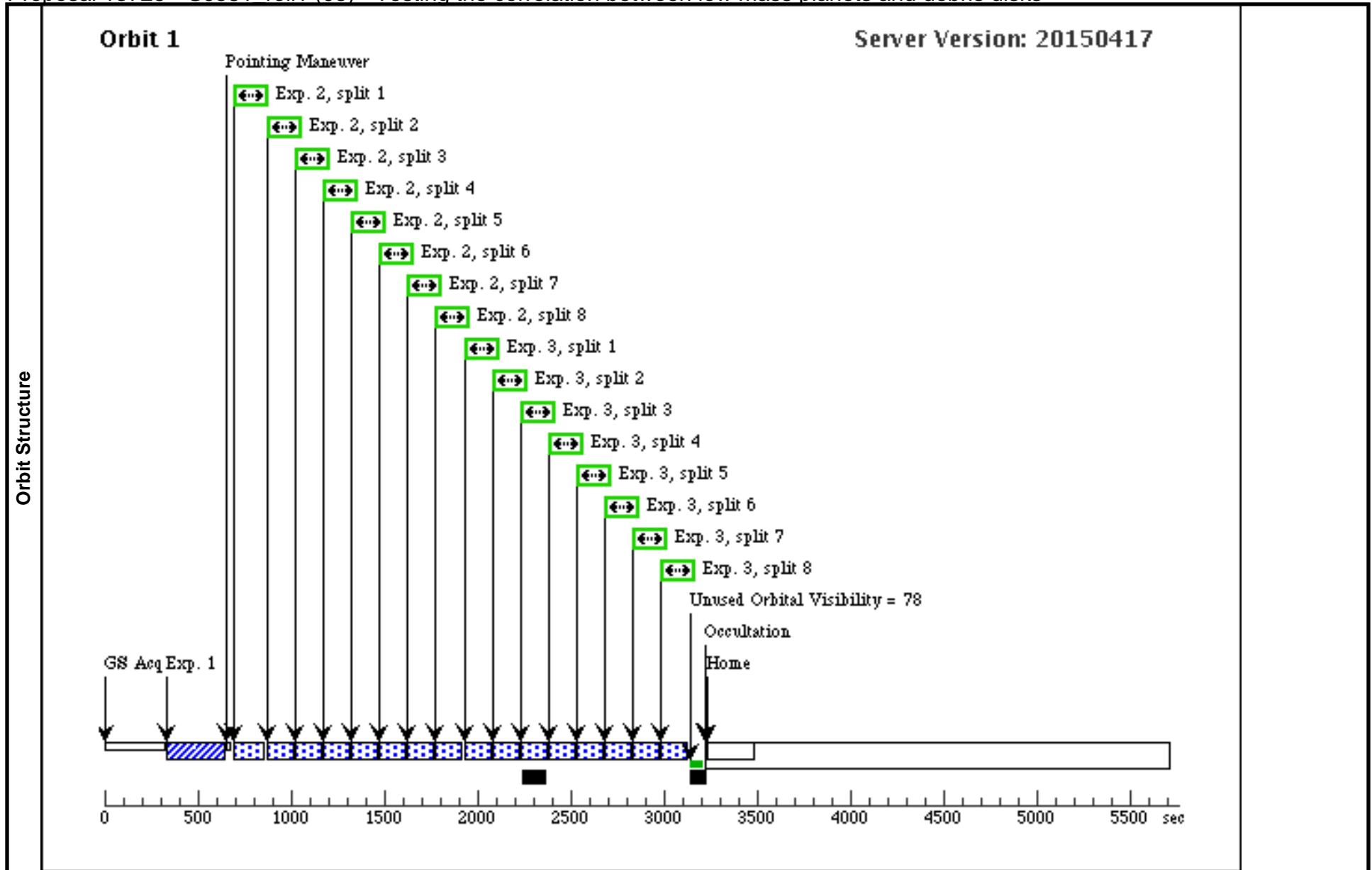
6	(1) HD115617	STIS/CCD, ACCUM, WEDGEB1.0 MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500	40 Secs (40 Secs)	[1]
				[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	
7	(1) HD115617	STIS/CCD, ACCUM, WEDGEB1.0 MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500	40 Secs (40 Secs)	[1]
				[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	
8	(1) HD115617	STIS/CCD, ACCUM, WEDGEB1.0 MIRROR	CR-SPLIT=7; GAIN=4; SIZEAXIS2=500	35 Secs (35 Secs)	[1]
				[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)]	



Proposal 13725 - GJ581 roll1 (05) - Testing the correlation between low mass planets and debris disks

Sun May 03 01:01:22 GMT 2015

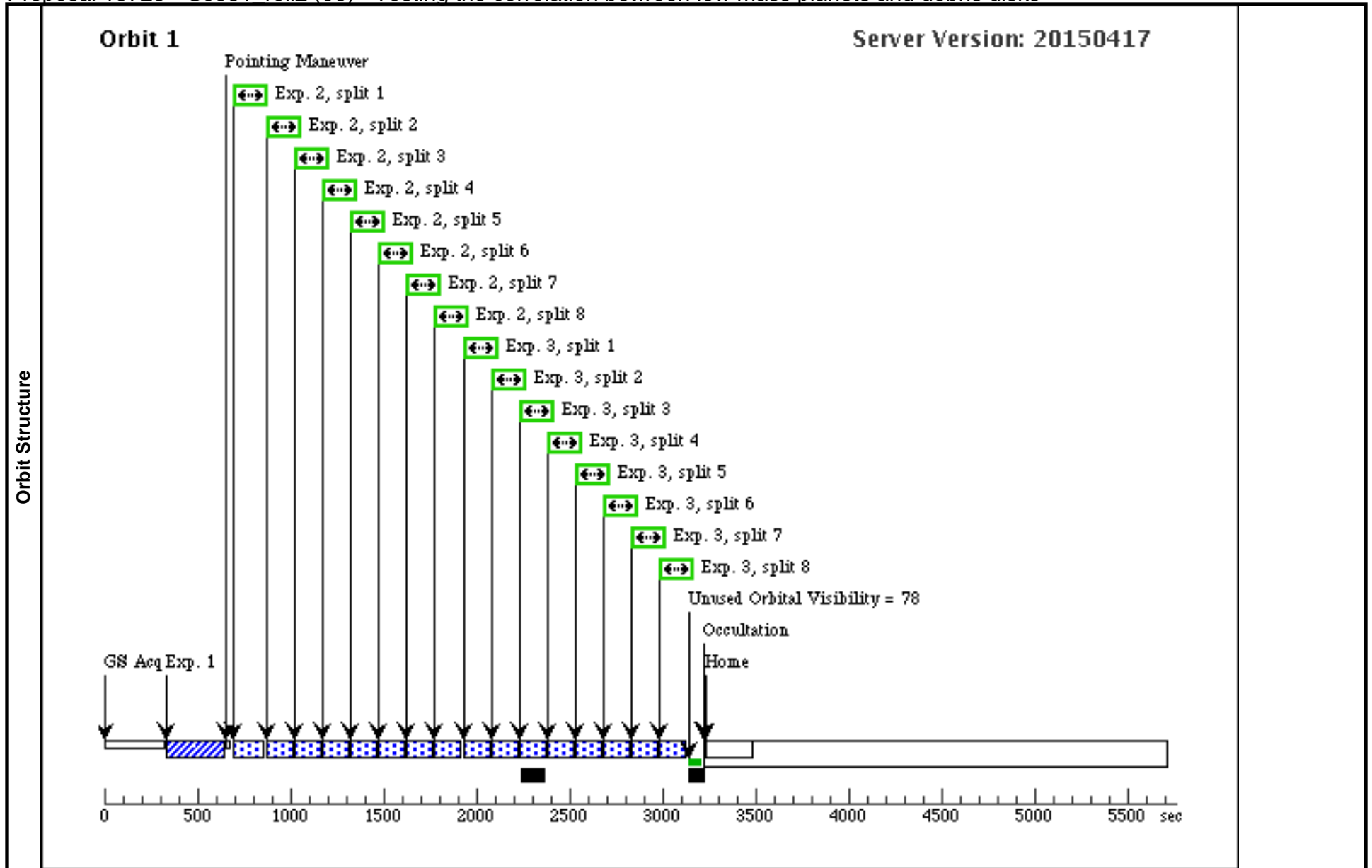
Visit	Proposal 13725, GJ581_roll1 (05), implementation Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 131D TO 131.1 D; SEQ 05.06.07 WITHIN 3 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	GJ581	RA: 15 19 26.8232 (229.8617633d) Dec: -07 43 20.19 (-7.72228d) Equinox: J2000	Proper Motion RA: -1227.67 mas/yr Proper Motion Dec: -97.78 mas/yr Parallax: 0.16091" Epoch of Position: 2000.0	V=10.567	Reference Frame: ICRS				
	<i>Comments: Very high proper motion.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	GJ581-ACQ	(2) GJ581	STIS/CCD, ACQ, F25ND3	MIRROR				5.5 Secs (5.5 Secs)	
									[==>]	[1]
	2		(2) GJ581	STIS/CCD, ACCUM, BAR10	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500; CENTERAXIS2=70 0	POS TARG 16.3459 6,-7.20172		960 Secs (960 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3		(2) GJ581	STIS/CCD, ACCUM, BAR10	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500; CENTERAXIS2=70 0	POS TARG 16.3459 6,-7.20172		960 Secs (960 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	



Proposal 13725 - GJ581 roll2 (06) - Testing the correlation between low mass planets and debris disks

Sun May 03 01:01:22 GMT 2015

Visit	Proposal 13725, GJ581_roll2 (06), implementation Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 17D TO 18D FROM 05									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	GJ581	RA: 15 19 26.8232 (229.8617633d) Dec: -07 43 20.19 (-7.72228d) Equinox: J2000	Proper Motion RA: -1227.67 mas/yr Proper Motion Dec: -97.78 mas/yr Parallax: 0.16091" Epoch of Position: 2000.0	V=10.567	Reference Frame: ICRS				
	<i>Comments: Very high proper motion.</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	GJ581-ACQ	(2) GJ581	STIS/CCD, ACQ, F25ND3	MIRROR				5.5 Secs (5.5 Secs)	
									[==>]	[1]
	2		(2) GJ581	STIS/CCD, ACCUM, BAR10	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500; CENTERAXIS2=70 0	POS TARG 16.3459 6,-7.20172		960 Secs (960 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
3		(2) GJ581	STIS/CCD, ACCUM, BAR10	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500; CENTERAXIS2=70 0	POS TARG 16.3459 6,-7.20172		960 Secs (960 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]	



Proposal 13725 - HD191849-PSF (07) - Testing the correlation between low mass planets and debris disks

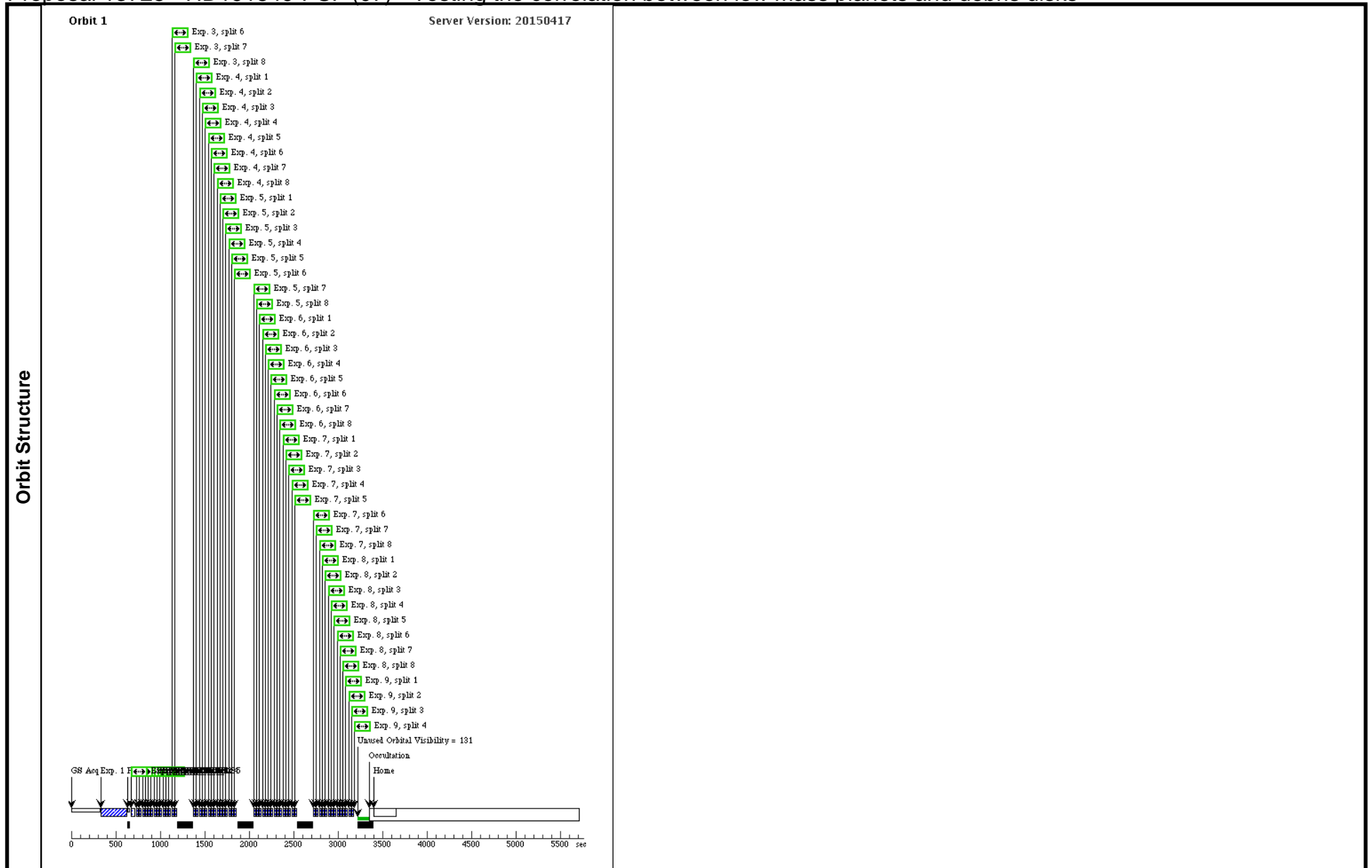
Visit	Proposal 13725, HD191849-PSF (07), implementation Sun May 03 01:01:22 GMT 2015 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(202)		PSF-HD191849	RA: 20 13 53.3976 (303.4724900d) Dec: -45 09 50.47 (-45.16402d) Equinox: J2000	Proper Motion RA: 779.73 mas/yr Proper Motion Dec: -159.89 mas/yr Parallax: 0.16134" Epoch of Position: 2000.0	V=7.966	Reference Frame: ICRS
<i>Comments: Very high proper motion star. PSF reference star.</i>						

Proposal 13725 - HD191849-PSF (07) - Testing the correlation between low mass planets and debris disks

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	HD191849-ACQ	(202) PSF-HD191849	STIS/CCD, ACQ, F25ND3	MIRROR			0.3 Secs (0.3 Secs)	
								[==>]	[1]
	2		(202) PSF-HD191849	STIS/CCD, ACCUM, BAR10	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500; CENTERAXIS2=70 0	POS TARG 16.3459 6,-7.20172	16 Secs (16 Secs)	
								[==>(Split 1)]	[1]
								[==>(Split 2)]	
							[==>(Split 3)]		
							[==>(Split 4)]		
							[==>(Split 5)]		
							[==>(Split 6)]		
							[==>(Split 7)]		
							[==>(Split 8)]		
3		(202) PSF-HD191849	STIS/CCD, ACCUM, BAR10	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500; CENTERAXIS2=70 0	POS TARG 16.3459 6,-7.20172		16 Secs (16 Secs)	
								[==>(Split 1)]	[1]
								[==>(Split 2)]	
								[==>(Split 3)]	
								[==>(Split 4)]	
								[==>(Split 5)]	
								[==>(Split 6)]	
								[==>(Split 7)]	
								[==>(Split 8)]	
4		(202) PSF-HD191849	STIS/CCD, ACCUM, BAR10	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500; CENTERAXIS2=70 0	POS TARG 16.3459 6,-7.20172		16 Secs (16 Secs)	
								[==>(Split 1)]	[1]
								[==>(Split 2)]	
								[==>(Split 3)]	
								[==>(Split 4)]	
								[==>(Split 5)]	
								[==>(Split 6)]	
								[==>(Split 7)]	
								[==>(Split 8)]	
5		(202) PSF-HD191849	STIS/CCD, ACCUM, BAR10	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500; CENTERAXIS2=70 0	POS TARG 16.3459 6,-7.20172		16 Secs (16 Secs)	
								[==>(Split 1)]	[1]
								[==>(Split 2)]	
								[==>(Split 3)]	
								[==>(Split 4)]	
								[==>(Split 5)]	
								[==>(Split 6)]	
								[==>(Split 7)]	
								[==>(Split 8)]	
<p>Comments: Please add CENTERAXIS2=700</p>									

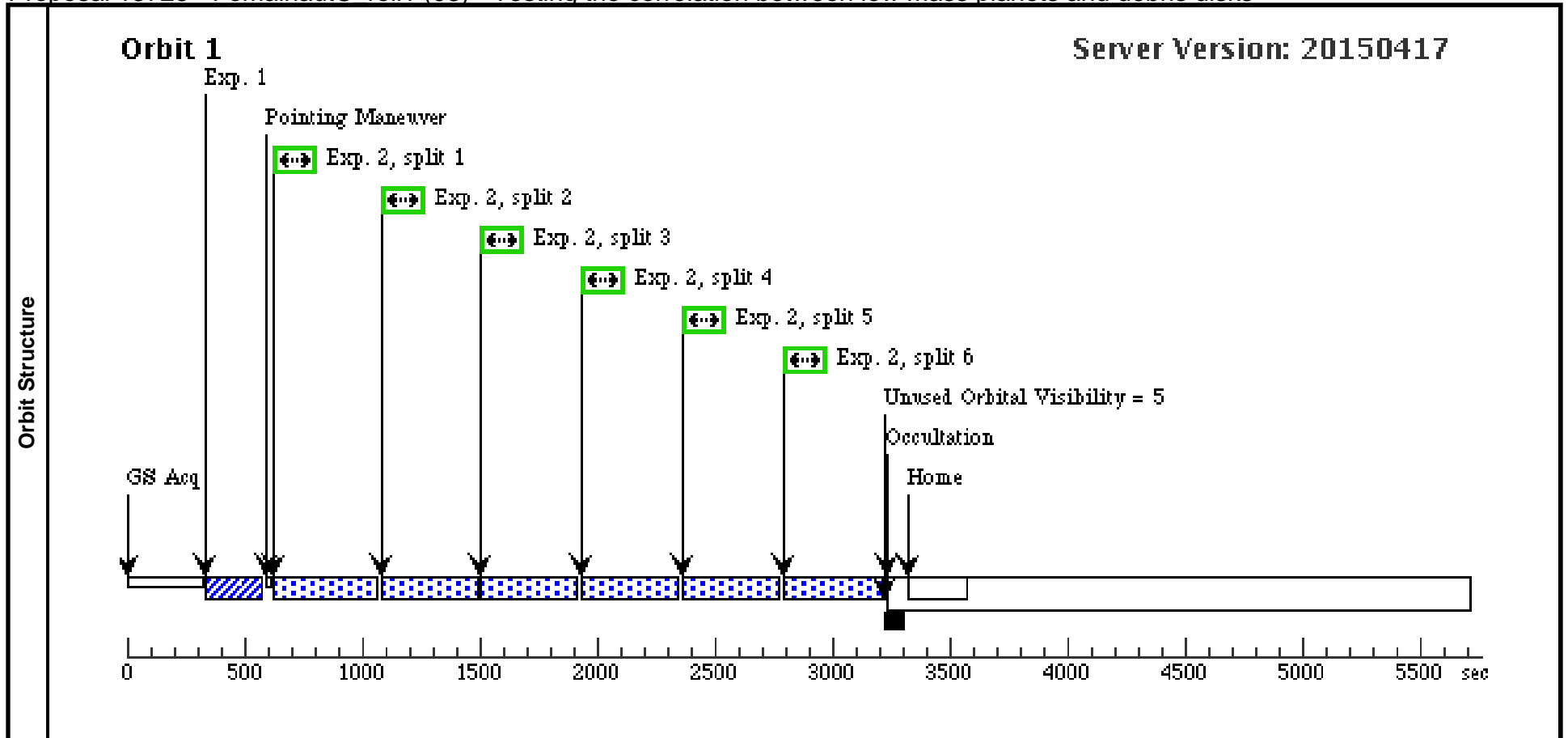
Proposal 13725 - HD191849-PSF (07) - Testing the correlation between low mass planets and debris disks

6	(202) PSF-HD19184 9	STIS/CCD, ACCUM, BAR10	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500; CENTERAXIS2=70 0	POS TARG 16.3459 6,-7.20172	16 Secs (16 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
7	(202) PSF-HD19184 9	STIS/CCD, ACCUM, BAR10	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500; CENTERAXIS2=70 0	POS TARG 16.3459 6,-7.20172	16 Secs (16 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
8	(202) PSF-HD19184 9	STIS/CCD, ACCUM, BAR10	MIRROR	CR-SPLIT=8; GAIN=4; SIZEAXIS2=500; CENTERAXIS2=70 0	POS TARG 16.3459 6,-7.20172	16 Secs (16 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)] [==>(Split 7)] [==>(Split 8)]	[1]
9	(202) PSF-HD19184 9	STIS/CCD, ACCUM, BAR10	MIRROR	CR-SPLIT=4; GAIN=4; SIZEAXIS2=500; CENTERAXIS2=70 0	POS TARG 16.3459 6,-7.20172	8 Secs (8 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]



Proposal 13725 - FomalhautC roll1 (08) - Testing the correlation between low mass planets and debris disks

Visit	Proposal 13725, FomalhautC_roll1 (08), completed Sun May 03 01:01:22 GMT 2015 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; SEQ 08,09 WITHIN 1 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(3)		FOMALHAUTC Alt Name1: LP-876-10	RA: 22 48 4.4700 (342.0186250d) Dec: -24 22 7.50 (-24.36875d) Equinox: J2000	Proper Motion RA: 333.84 mas/yr Proper Motion Dec: -177.51 mas/yr Parallax: 0.130" Epoch of Position: 2000.0	V=12.618	Reference Frame: ICRS				
<i>Comments: High proper motion.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	FomalhautC -ACQ	(3) FOMALHAUTC	STIS/CCD, ACQ, 50CCD	MIRROR				0.8 Secs (0.8 Secs)	
	2		(3) FOMALHAUTC	STIS/CCD, ACCUM, BAR10	MIRROR	CR-SPLIT=6; GAIN=4; SIZEAXIS2=500; CENTERAXIS2=70 0	POS TARG 16.7917 2,-7.20172		2382 Secs (2382 Secs)	[1]
									[==>]	[1]
									[==>(Split 1)]	
									[==>(Split 2)]	
									[==>(Split 3)]	
									[==>(Split 4)]	
									[==>(Split 5)]	
									[==>(Split 6)]	



Proposal 13725 - FomalhautC_roll2 (09) - Testing the correlation between low mass planets and debris disks

Visit	Proposal 13725, FomalhautC_roll2 (09), completed Sun May 03 01:01:22 GMT 2015 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: PCS MODE FINE; GUID TOL 0.005"; GYRO MODE 3GOBAD; ORIENT 28D TO 37.0D FROM 08									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(3)		FOMALHAUTC Alt Name1: LP-876-10	RA: 22 48 4.4700 (342.0186250d) Dec: -24 22 7.50 (-24.36875d) Equinox: J2000	Proper Motion RA: 333.84 mas/yr Proper Motion Dec: -177.51 mas/yr Parallax: 0.130" Epoch of Position: 2000.0	V=12.618	Reference Frame: ICRS				
<i>Comments: High proper motion.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	FomalhautC -ACQ	(3) FOMALHAUTC	STIS/CCD, ACQ, 50CCD	MIRROR				0.8 Secs (0.8 Secs)	
	2		(3) FOMALHAUTC	STIS/CCD, ACCUM, BAR10	MIRROR	CR-SPLIT=6; GAIN=4; SIZEAXIS2=500; CENTERAXIS2=70 0	POS TARG 16.7917 2,-7.20172		2382 Secs (2382 Secs)	[1]
									[==>]	[1]
									[==>(Split 1)]	
									[==>(Split 2)]	
									[==>(Split 3)]	
									[==>(Split 4)]	
									[==>(Split 5)]	
									[==>(Split 6)]	

