



10539 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Cycle: 14, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

Proposal 10539 - Overview

<i>Visit</i>	<i>Targets</i>	<i>Configurations</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) HIP-7805	ACS/HRC	1	25-Apr-2006 21:01:11.0	yes
02	(1) HIP-7805	ACS/HRC	1	25-Apr-2006 21:01:17.0	yes
03	(2) HD-12894	ACS/HRC	1	25-Apr-2006 21:01:22.0	yes
04	(3) HD-113556	ACS/HRC	1	25-Apr-2006 21:01:26.0	yes
05	(3) HD-113556	ACS/HRC	1	25-Apr-2006 21:01:30.0	yes
06	(4) HD-101727	ACS/HRC	1	25-Apr-2006 21:01:34.0	yes
07	(5) HR-1082	ACS/HRC	1	25-Apr-2006 21:01:38.0	yes
08	(5) HR-1082	ACS/HRC	1	25-Apr-2006 21:01:41.0	yes
09	(6) HD-15427	ACS/HRC	1	25-Apr-2006 21:01:46.0	yes
10	(7) HR-5792	ACS/HRC	1	25-Apr-2006 21:01:51.0	yes
11	(7) HR-5792	ACS/HRC	1	25-Apr-2006 21:01:55.0	yes
12	(8) HD-167468	ACS/HRC	1	25-Apr-2006 21:01:59.0	yes
16	(11) HD-82943	ACS/HRC	1	25-Apr-2006 21:02:03.0	yes
17	(11) HD-82943	ACS/HRC	1	25-Apr-2006 21:02:07.0	yes
18	(12) HD-84117	ACS/HRC	1	25-Apr-2006 21:02:12.0	yes
19	(13) HD-38206	ACS/HRC	1	25-Apr-2006 21:02:17.0	yes
20	(13) HD-38206	ACS/HRC	1	25-Apr-2006 21:02:24.0	yes
21	(14) HD-41695	ACS/HRC	1	25-Apr-2006 21:02:29.0	yes
22	(15) HIP-101612	ACS/HRC	1	25-Apr-2006 21:02:34.0	yes
23	(15) HIP-101612	ACS/HRC	1	25-Apr-2006 21:02:38.0	yes
24	(16) HD-181623	ACS/HRC	1	25-Apr-2006 21:02:43.0	yes
25	(17) HR-506	ACS/HRC	1	25-Apr-2006 21:02:48.0	yes

Proposal 10539 - Overview

<i>Visit</i>	<i>Targets</i>	<i>Configurations</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
26	(17) HR-506	ACS/HRC	1	25-Apr-2006 21:02:52.0	yes
27	(18) HD-7570	ACS/HRC	1	25-Apr-2006 21:02:57.0	yes
28	(19) HD-207129	ACS/HRC	1	25-Apr-2006 21:03:01.0	yes
29	(19) HD-207129	ACS/HRC	1	25-Apr-2006 21:03:06.0	yes
30	(20) HD-211415	ACS/HRC	1	25-Apr-2006 21:03:11.0	yes

27 Total Orbits Used

ABSTRACT

Fifteen percent of bright main sequence stars possess dusty circumstellar debris disks revealed by far-infrared photometry. These disks are signposts of planetary systems: collisions among larger, unseen parent bodies maintain the observed dust population against losses to radiation pressure and P-R drag. Images of debris disks at optical, infrared, and millimeter wavelengths have shown central holes, rings, radial gaps, warps, and azimuthal asymmetries which indicate the presence of planetary mass perturbers. Such images provide unique insights into the structure and dynamics of exoplanetary systems. Relatively few debris disks have been spatially resolved. Only nine have ever been resolved at any wavelength, and at wavelengths < 10 microns (where subarcsec resolution is available), only seven: beta Pictoris, HR 4796, HD 141569, AU Mic, HD 107146, HD 92945, and Fomalhaut. Imaging of many other debris disk targets has been attempted with various HST cameras/coronagraphs and adaptive optics, but without success. The key property which renders a debris disk observable in scattered light is its dust optical depth. The seven disks imaged so far all have a dust excess luminosity $> \sim 0.01\%$ that of the central star; no disks with smaller optical depths have been detected. Most main sequence stars known to meet this requirement have already been observed, so future progress in debris disk imaging depends on discovering additional stars with large infrared excess. The Spitzer Space Telescope offers the best opportunity in 20 years to identify new examples of high optical depth debris disk systems. We propose ACS coronagraphic imaging of nine bright, new debris disks uncovered during the first year of the Spitzer mission. Our goal is to obtain the first resolved images of these disks at ~ 3 AU resolution, define the disk sizes and orientations, and uncover disk substructures indicative of planetary perturbations. The results should double the number of debris disks observed at $0.06''$ resolution, and open a wider window into the structure of planetary systems.

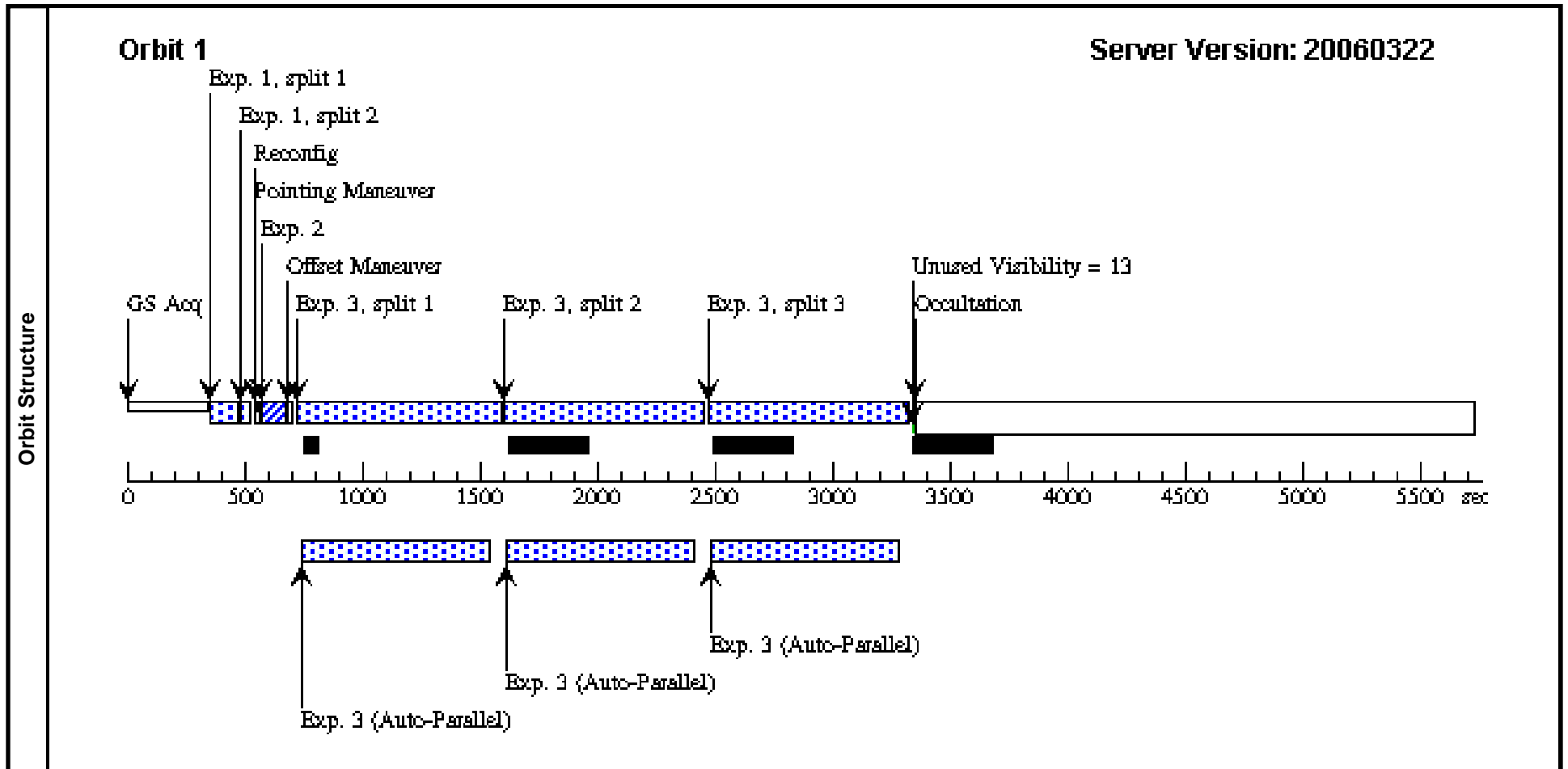
OBSERVING DESCRIPTION

All observations in the program are on the ACS HRC with both direct and coronagraphic imaging. Each disk candidate star is observed in two orbits, immediately followed by an orbit on a reference PSF star. The first orbit on the candidate star consists of short, direct exposures in F606W (for photometry), followed by a coronagraphic acquisition exposure and then a long coronagraphic exposure, all in F606W. If the star is very bright and will significantly saturate the center of the coronagraphic image, a short coronagraphic exposure is also taken. Between the first and second orbits the telescope is rolled by 30 degrees. The second orbit consists of an acquisition exposure and then coronagraphic short (if needed) and long exposures. After the second orbit, the telescope is pointed at a reference PSF star. Direct, acquisition, and coronagraphic exposures are taken in F606W of it over an orbit.

Proposal 10539 - Visit 01 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:13 GMT 2006

Visit	Proposal 10539, Visit 01 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	HIP-7805 Alt Name1: HD-10472	RA: 01 40 24.0800 (25.1003333d) Dec: -60 59 56.70 (-60.99908d) Equinox: J2000	Proper Motion RA: 0.0088s/yr Proper Motion Dec: -0.013"/yr Epoch of Position: 2000.0	V=7.7	Coordinate Source: PPM_STAR_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) HIP-7805	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.6 Secs [=>(Split 1)] [=>(Split 2)]	[1]
	2		(1) HIP-7805	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs [=>]	[1]
	3		(1) HIP-7805	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=3	USE OFFSET 10539 A		2463.0 Secs [=>(Split 1)] [=>(Split 2)] [=>(Split 3)]	[1]



Proposal 10539 - Visit 02 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

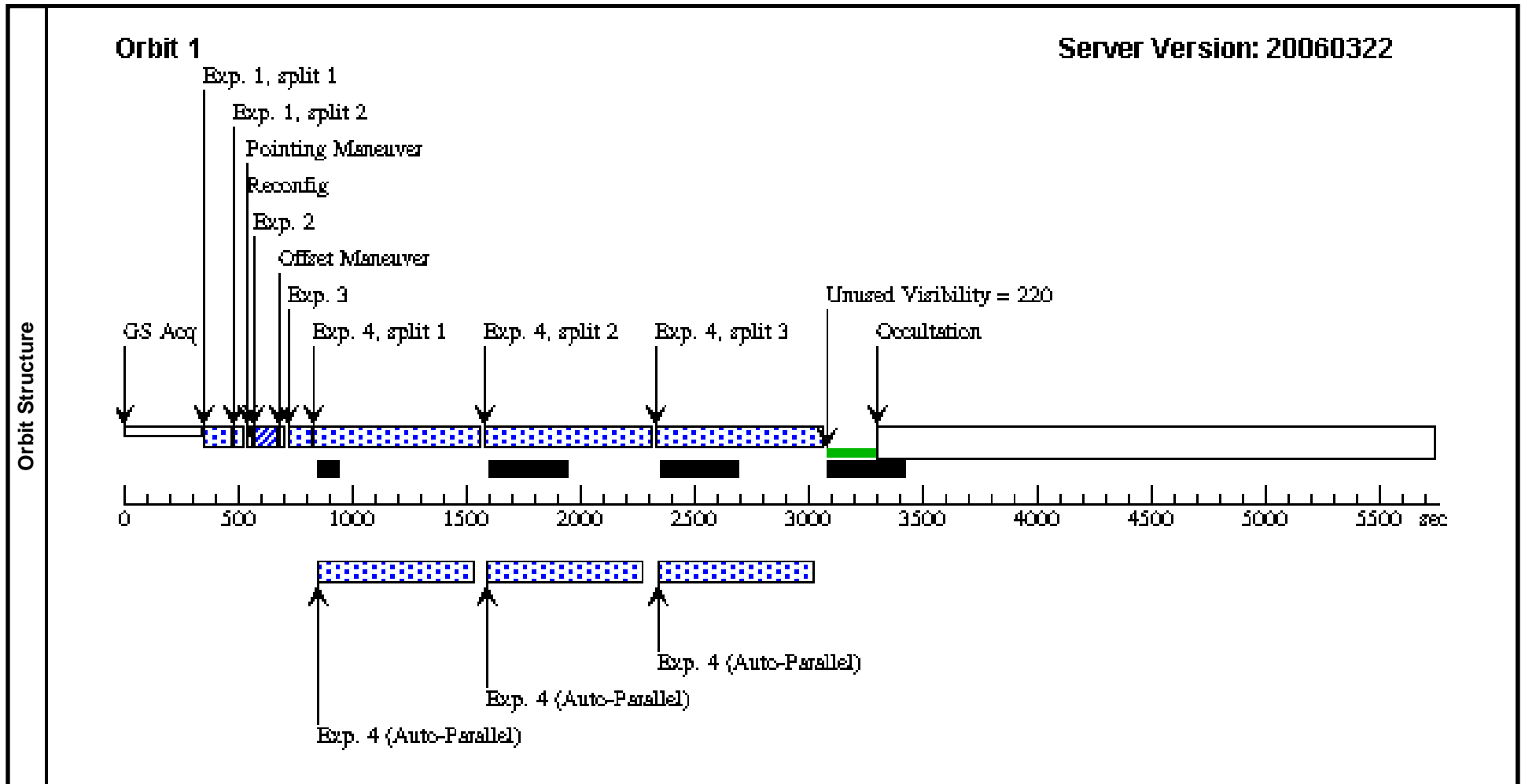
Wed Apr 26 01:03:13 GMT 2006

Visit	Proposal 10539, Visit 02 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%; ORIENT 17.0D TO 17.0D FROM 01; AFTER 01 BY 0.8 Orbits TO 1.2 Orbits										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
(1)		HIP-7805 Alt Name1: HD-10472	RA: 01 40 24.0800 (25.1003333d) Dec: -60 59 56.70 (-60.99908d) Equinox: J2000	Proper Motion RA: 0.0088s/yr Proper Motion Dec: -0.013"/yr Epoch of Position: 2000.0	V=7.7	Coordinate Source: PPM_STAR_CATALOGUE					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		(1) HIP-7805	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs [==>]	[1]	
	2		(1) HIP-7805	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=3	USE OFFSET 10539 B		2607.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]	
Orbit Structure	<p>Orbit 1 Server Version: 20060322</p> <p>The diagram illustrates the timing of observations during Orbit 1. The x-axis represents time in seconds from 0 to 5500. Key events are marked with arrows: GS Acq (~100s), Exp. 1 (~400s), Offset Maneuver (~500s), Exp. 2 (split 1, 2, 3) (1500-3000s), and Occultation (~3400s). A period of Unused Visibility = 21 is indicated between 3400s and 3600s. Below the main timeline, three Auto-Parallel exposure blocks for Exp. 2 are shown between 1000s and 3000s.</p>										
	<p>Exp. 2 (Auto-Parallel) Exp. 2 (Auto-Parallel) Exp. 2 (Auto-Parallel)</p>										

Proposal 10539 - Visit 03 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:15 GMT 2006

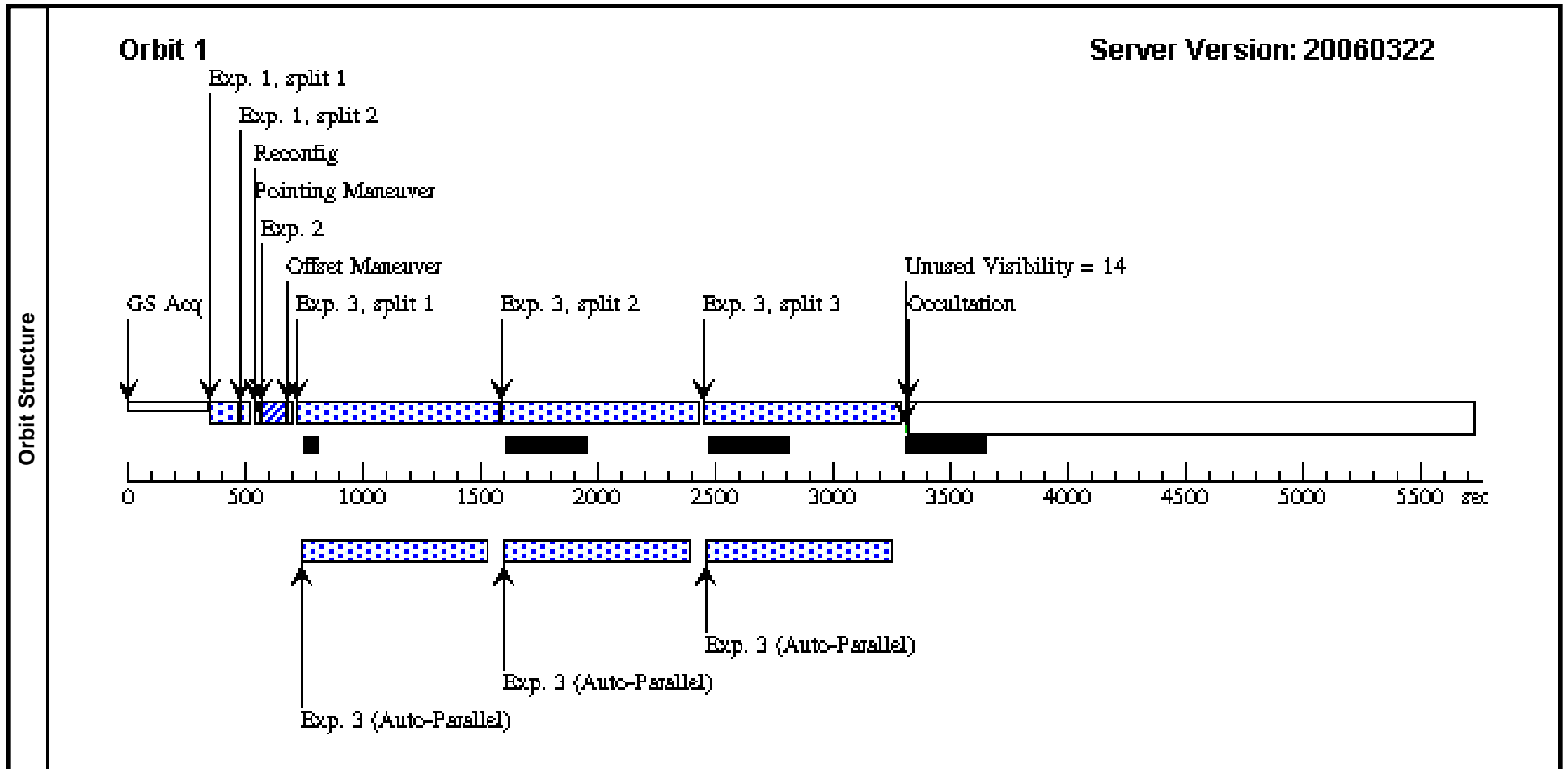
Visit		Proposal 10539, Visit 03 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: SCHED 50%; AFTER 02 BY 0.8 Orbits TO 1.2 Orbits																																																											
Fixed Targets		<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>HD-12894</td> <td>RA: 02 04 35.1500 (31.1464583d)</td> <td>Proper Motion RA: 0.0107s/yr</td> <td>V=6.5</td> <td rowspan="3">Coordinate Source: PPM_STAR_CATALOGUE</td> </tr> <tr> <td></td> <td>Alt Name1: HIP-9685</td> <td>Dec: -54 52 54.00 (-54.88167d)</td> <td>Proper Motion Dec: -0.021"/yr</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Equinox: J2000</td> <td>Epoch of Position: 2000.0</td> <td></td> </tr> </tbody> </table> <p><i>Comments: PSF reference star for HIP-7805</i></p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	HD-12894	RA: 02 04 35.1500 (31.1464583d)	Proper Motion RA: 0.0107s/yr	V=6.5	Coordinate Source: PPM_STAR_CATALOGUE		Alt Name1: HIP-9685	Dec: -54 52 54.00 (-54.88167d)	Proper Motion Dec: -0.021"/yr				Equinox: J2000	Epoch of Position: 2000.0																																						
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																																								
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Exposures		<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>(2) HD-12894</td> <td>ACS/HRC, ACCUM, HRC</td> <td>F606W</td> <td>GAIN=4</td> <td></td> <td></td> <td>0.2 Secs [==>(Split 1)] [==>(Split 2)]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td></td> <td>(2) HD-12894</td> <td>ACS/HRC, ACQ, HRC-ACQ</td> <td>F502N</td> <td></td> <td></td> <td></td> <td>0.1 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td></td> <td>(2) HD-12894</td> <td>ACS/HRC, ACCUM, HRC-CORON1.8</td> <td>F606W</td> <td>CR-SPLIT=NO</td> <td>USE OFFSET 10539 C</td> <td></td> <td>50.0 Secs [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td></td> <td>(2) HD-12894</td> <td>ACS/HRC, ACCUM, HRC-CORON1.8</td> <td>F606W</td> <td>CR-SPLIT=3</td> <td>USE OFFSET 10539 C</td> <td></td> <td>2100.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1		(2) HD-12894	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.2 Secs [==>(Split 1)] [==>(Split 2)]	[1]	2		(2) HD-12894	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs [==>]	[1]	3		(2) HD-12894	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539 C		50.0 Secs [==>]	[1]	4		(2) HD-12894	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=3	USE OFFSET 10539 C		2100.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]									
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																																																				
1		(2) HD-12894	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.2 Secs [==>(Split 1)] [==>(Split 2)]	[1]																																																				
2		(2) HD-12894	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs [==>]	[1]																																																				
3		(2) HD-12894	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539 C		50.0 Secs [==>]	[1]																																																				
4		(2) HD-12894	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=3	USE OFFSET 10539 C		2100.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]																																																				



Proposal 10539 - Visit 04 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:15 GMT 2006

Visit	Proposal 10539, Visit 04 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	HD-113556 Alt Name1: HIP-63886	RA: 13 05 32.5900 (196.3857917d) Dec: -58 32 7.90 (-58.53553d) Equinox: J2000	Proper Motion RA: -0.0049s/yr Proper Motion Dec: -0.012"/yr Epoch of Position: 2000.0	V=8.2	Coordinate Source: PPM_STAR_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) HD-113556	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.6 Secs [=>(Split 1)] [=>(Split 2)]	[1]
	2		(3) HD-113556	ACS/HRC, ACQ, HRC-ACQ	F502N				0.2 Secs [=>]	[1]
	3		(3) HD-113556	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=3	USE OFFSET 10539 D		2436.0 Secs [=>(Split 1)] [=>(Split 2)] [=>(Split 3)]	[1]

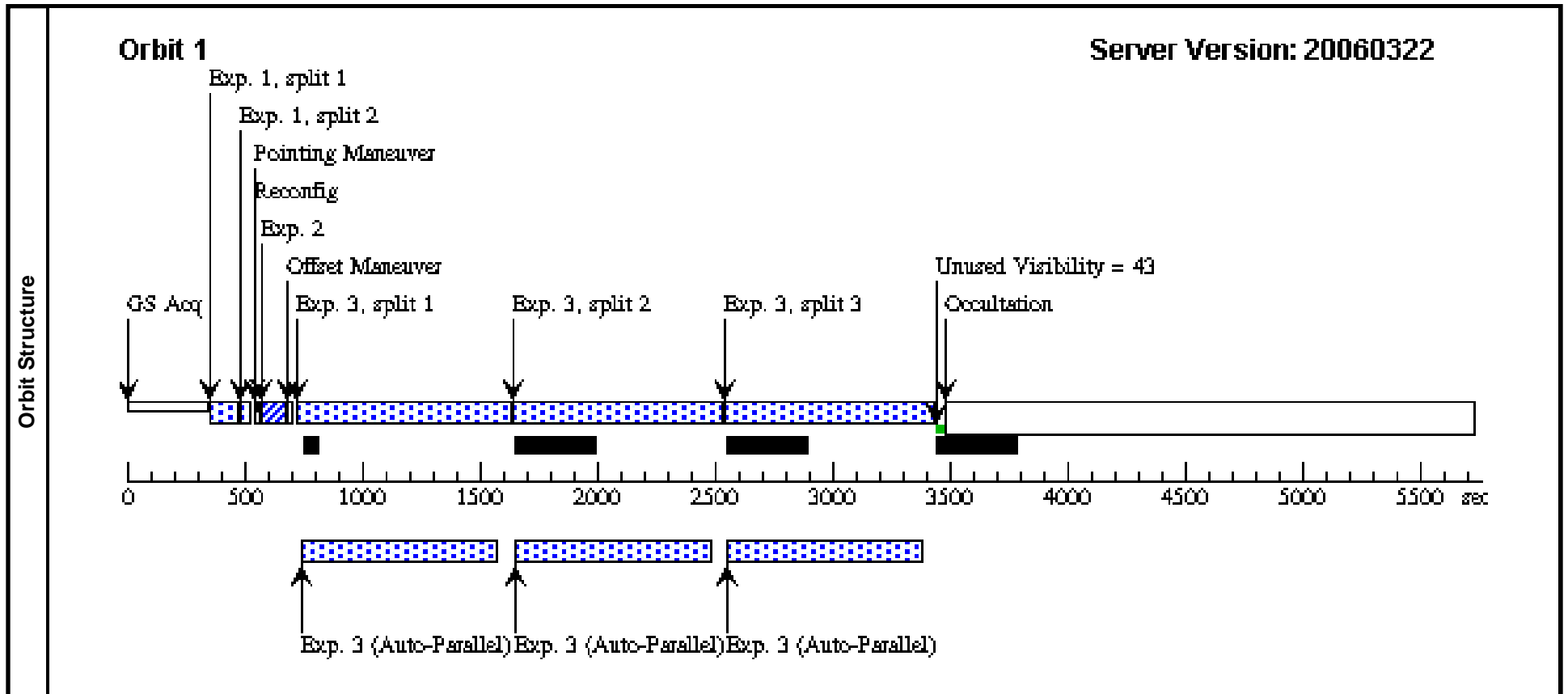


Visit	Proposal 10539, Visit 05 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%; ORIENT 30.0D TO 30.0D FROM 04; AFTER 04 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(3)		HD-113556 Alt Name1: HIP-63886	RA: 13 05 32.5900 (196.3857917d) Dec: -58 32 7.90 (-58.53553d) Equinox: J2000	Proper Motion RA: -0.0049s/yr Proper Motion Dec: -0.012"/yr Epoch of Position: 2000.0	V=8.2	Coordinate Source: PPM_STAR_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(3) HD-113556	(3) HD-113556	ACS/HRC, ACQ, HRC-ACQ	F502N				0.2 Secs [==>]	[1]
	2	(3) HD-113556	(3) HD-113556	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=3	USE OFFSET 10539 E		2580.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20060322</p> <p>Timeline labels: GS Acq, Exp. 1, Offset Maneuver, Exp. 2, split 1, Exp. 2, split 2, Exp. 2, split 3, Occultation, Unused Visibility = 22.</p> <p>Timeline axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec.</p> <p>Bottom labels: Exp. 2 (Auto-Parallel), Exp. 2 (Auto-Parallel), Exp. 2 (Auto-Parallel).</p>									

Proposal 10539 - Visit 06 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:16 GMT 2006

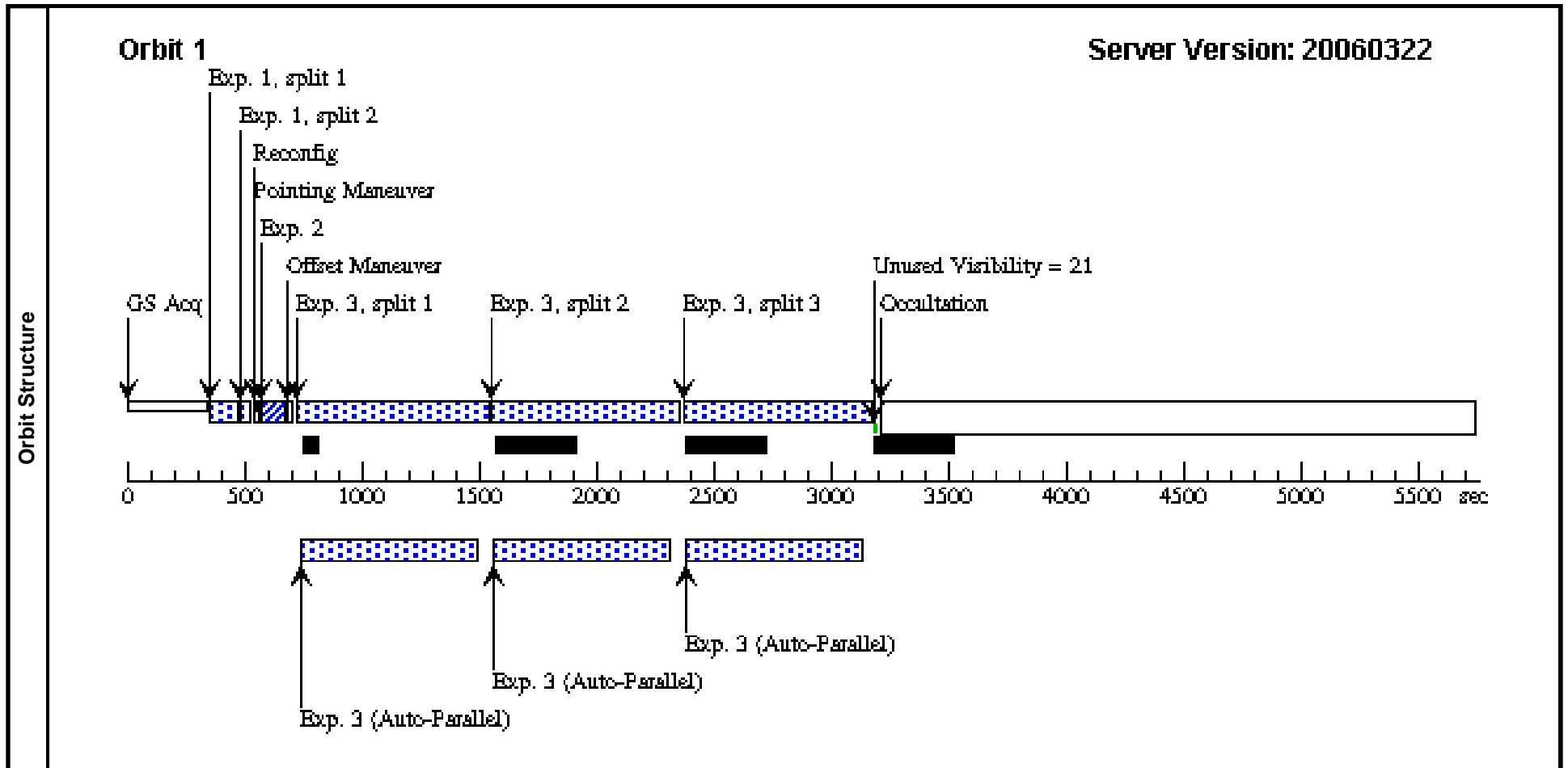
Visit	Proposal 10539, Visit 06 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: SCHED 50%; AFTER 05 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	HD-101727	RA: 11 41 32.5300 (175.3855417d)	Proper Motion RA: 0.0056s/yr	V=6.9	Coordinate Source: PPM_STAR_CATALOGUE				
		Alt Name1: HIP-57027	Dec: -77 03 16.70 (-77.05464d)	Proper Motion Dec: -0.014"/yr						
			Equinox: J2000	Epoch of Position: 2000.0						
	<i>Comments: PSF reference star for HD-113556</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) HD-101727	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.2 Secs [=>(Split 1)] [=>(Split 2)]	[1]
	2		(4) HD-101727	ACS/HRC, ACQ, HRC-ACQ	F502N			0.1 Secs [=>]	[1]	
	3		(4) HD-101727	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=3	USE OFFSET 10539 F		2565.0 Secs [=>(Split 1)] [=>(Split 2)] [=>(Split 3)]	[1]



Proposal 10539 - Visit 07 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:16 GMT 2006

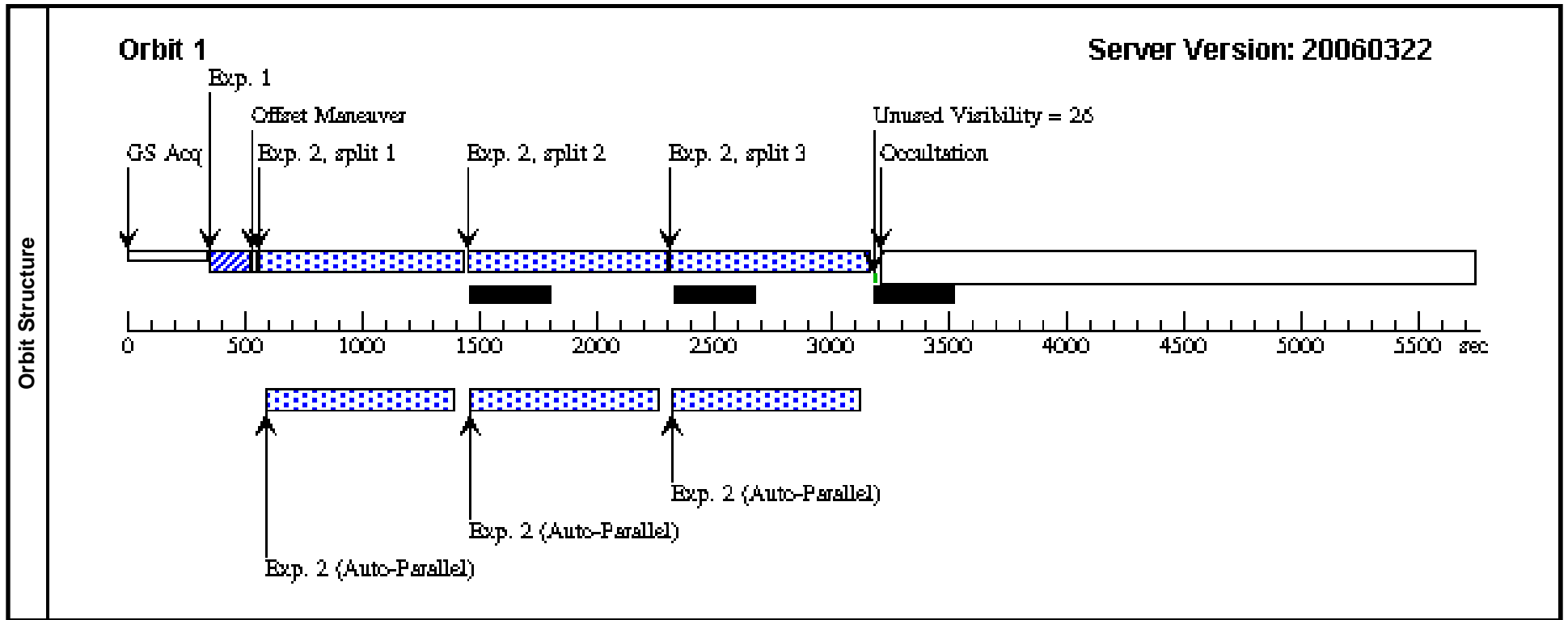
Visit	Proposal 10539, Visit 07 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(5)	HR-1082 Alt Name1: HD-21997	RA: 03 31 53.6500 (52.9735417d) Dec: -25 36 51.00 (-25.61417d) Equinox: J2000	Proper Motion RA: 0.0041s/yr Proper Motion Dec: -0.015"/yr Epoch of Position: 2000.0	V=6.4	Coordinate Source: PPM_STAR_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) HR-1082	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.6 Secs [=>(Split 1)] [=>(Split 2)]	[1]
	2		(5) HR-1082	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs [=>]	[1]
	3		(5) HR-1082	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=3	USE OFFSET 10539 G		2310.0 Secs [=>(Split 1)] [=>(Split 2)] [=>(Split 3)]	[1]



Proposal 10539 - Visit 08 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:17 GMT 2006

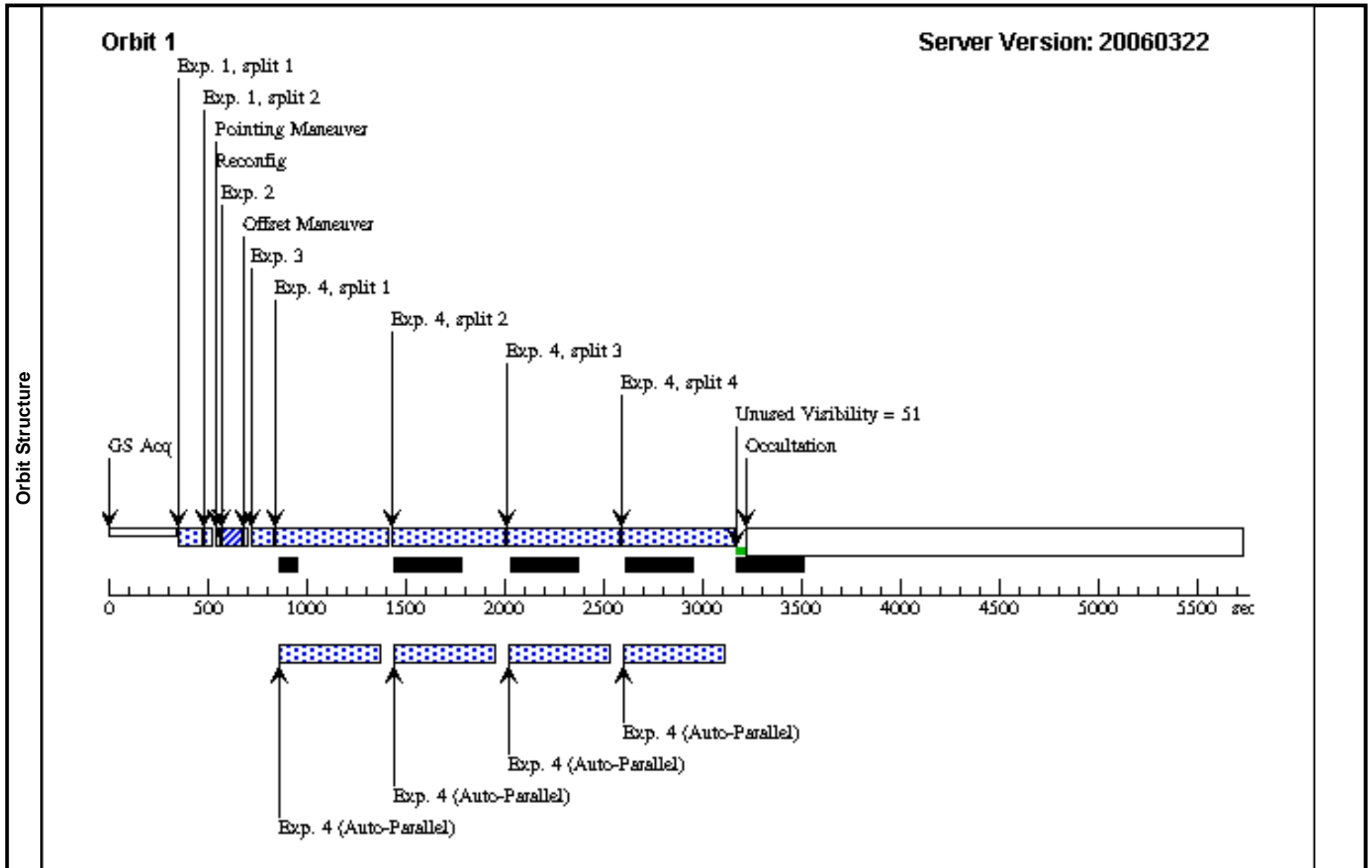
Visit	Proposal 10539, Visit 08 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%; ORIENT 25.0D TO 30.0D FROM 07; AFTER 07 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(5)	HR-1082	RA: 03 31 53.6500 (52.9735417d)	Proper Motion RA: 0.0041s/yr	V=6.4	Coordinate Source: PPM_STAR_CATALOGUE				
		Alt Name1: HD-21997	Dec: -25 36 51.00 (-25.61417d)	Proper Motion Dec: -0.015"/yr						
			Equinox: J2000	Epoch of Position: 2000.0						
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) HR-1082	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs [==>]	[1]
	2		(5) HR-1082	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=3	USE OFFSET 10539 H		2457.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]



Proposal 10539 - Visit 09 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:17 GMT 2006

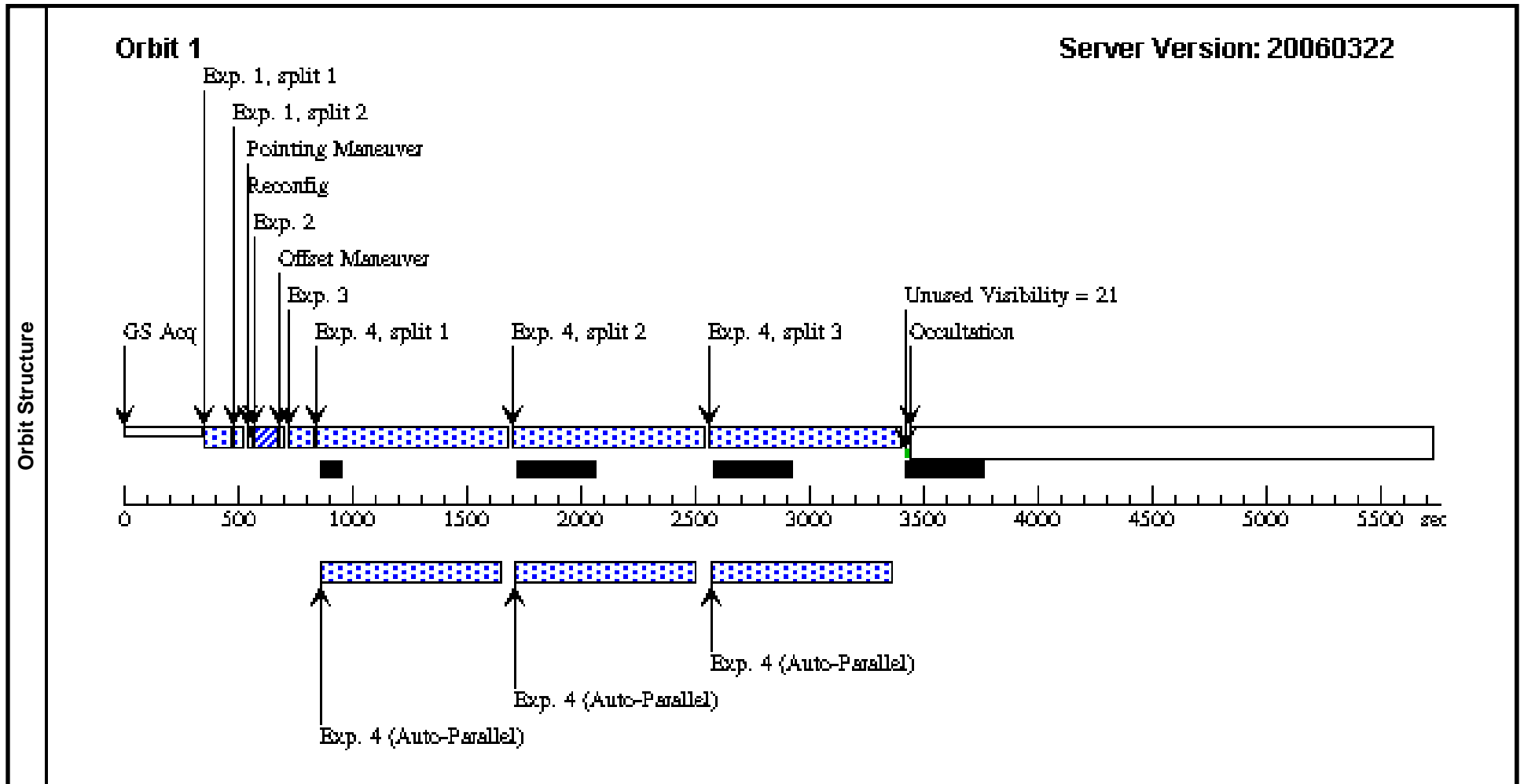
Visit		Proposal 10539, Visit 09 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: SCHED 50%; AFTER 08 BY 0.8 Orbits TO 1.2 Orbits										
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
		(6)	HD-15427	RA: 02 28 1.7000 (37.0070833d)	Proper Motion RA: 0.0014s/yr	V=5.1	Coordinate Source: PPM_STAR_CATALOGUE					
			Alt Name1: HR-724	Dec: -33 48 40.10 (-33.81114d)	Proper Motion Dec: -0.006"/yr							
				Equinox: J2000	Epoch of Position: 2000.0							
		<i>Comments: PSF reference star for HR-1082</i>										
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
		1		(6) HD-15427	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.2 Secs		
										[==>(Split 1)]		
											[==>(Split 2)]	[1]
		2		(6) HD-15427	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs		
										[==>]	[1]	
		3		(6) HD-15427	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539		60.0 Secs		
										[==>]	[1]	
		4		(6) HD-15427	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=4	USE OFFSET 10539		2140.0 Secs		
										[==>(Split 1)]		
											[==>(Split 2)]	
											[==>(Split 3)]	
									[==>(Split 4)]	[1]		



Proposal 10539 - Visit 10 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:18 GMT 2006

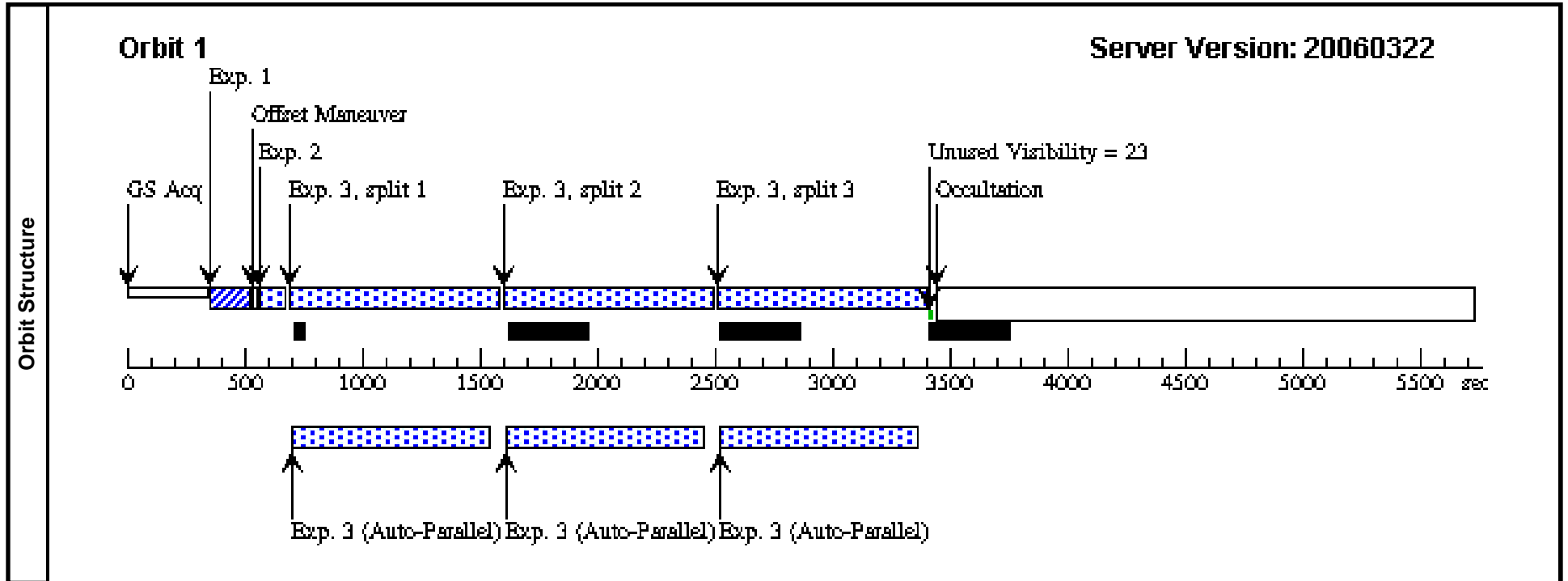
Visit	Proposal 10539, Visit 10 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(7)	HR-5792 Alt Name1: HD-138965	RA: 15 40 11.5300 (235.0480417d) Dec: -70 13 40.40 (-70.22789d) Equinox: J2000	Proper Motion RA: -0.0097s/yr Proper Motion Dec: -0.06"/yr Epoch of Position: 2000.0	V=6.4	Coordinate Source: PPM_STAR_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) HR-5792	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.2 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	2		(7) HR-5792	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs [==>]	[1]
	3		(7) HR-5792	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539 K		60.0 Secs [==>]	[1]
	4		(7) HR-5792	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=3	USE OFFSET 10539 K		2430.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]



Proposal 10539 - Visit 11 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:18 GMT 2006

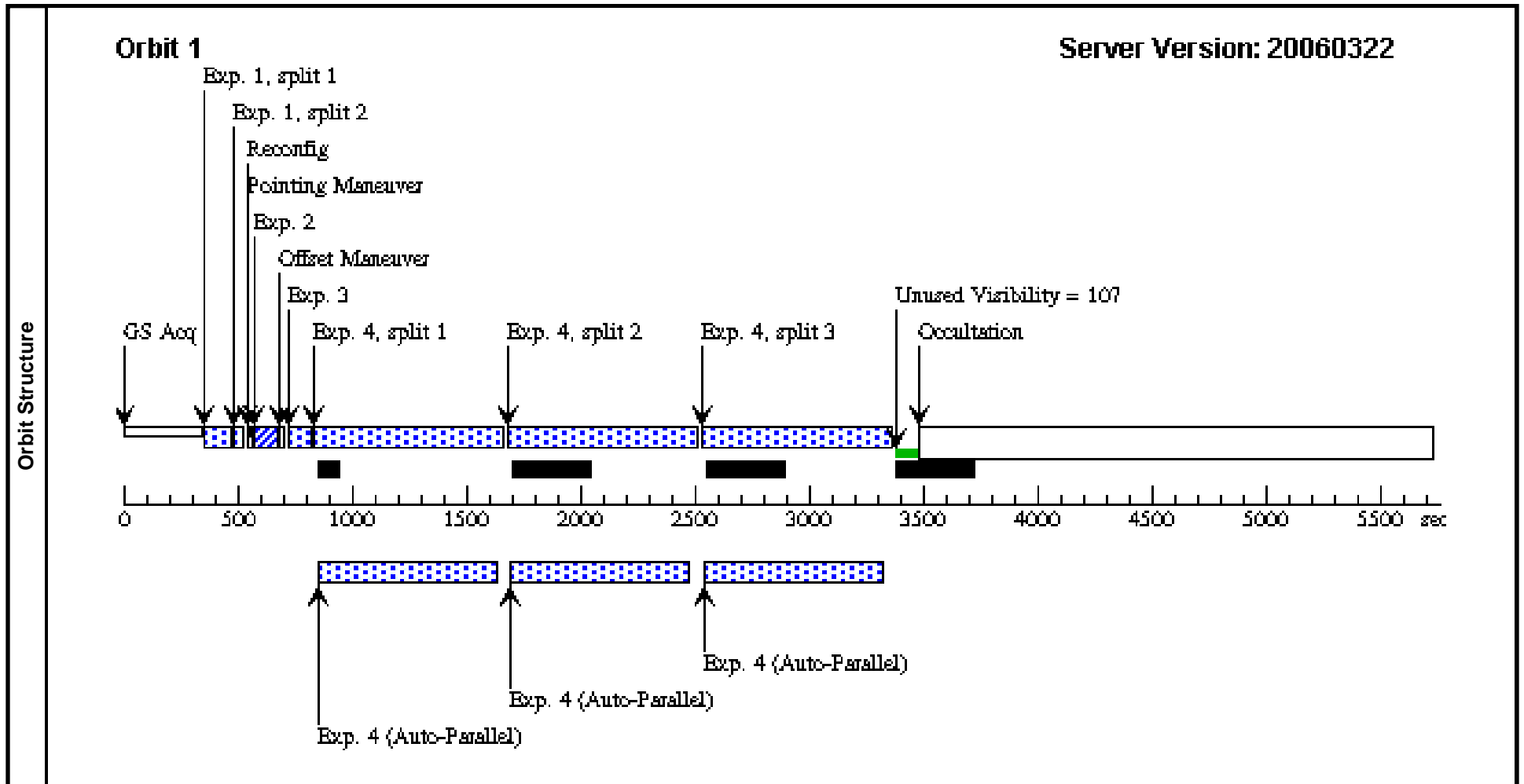
Visit	Proposal 10539, Visit 11 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%; ORIENT 25.0D TO 30.0D FROM 10; AFTER 10 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(7)	HR-5792	RA: 15 40 11.5300 (235.0480417d)	Proper Motion RA: -0.0097s/yr	V=6.4	Coordinate Source: PPM_STAR_CATALOGUE				
		Alt Name1: HD-138965	Dec: -70 13 40.40 (-70.22789d)	Proper Motion Dec: -0.06"/yr						
			Equinox: J2000	Epoch of Position: 2000.0						
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) HR-5792	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs	
									[==>]	[1]
	2		(7) HR-5792	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539		60.0 Secs	
							L		[==>]	[1]
	3		(7) HR-5792	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=3	USE OFFSET 10539		2580.0 Secs	
						L		[==>(Split 1)]		
								[==>(Split 2)]		
								[==>(Split 3)]	[1]	



Proposal 10539 - Visit 12 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:18 GMT 2006

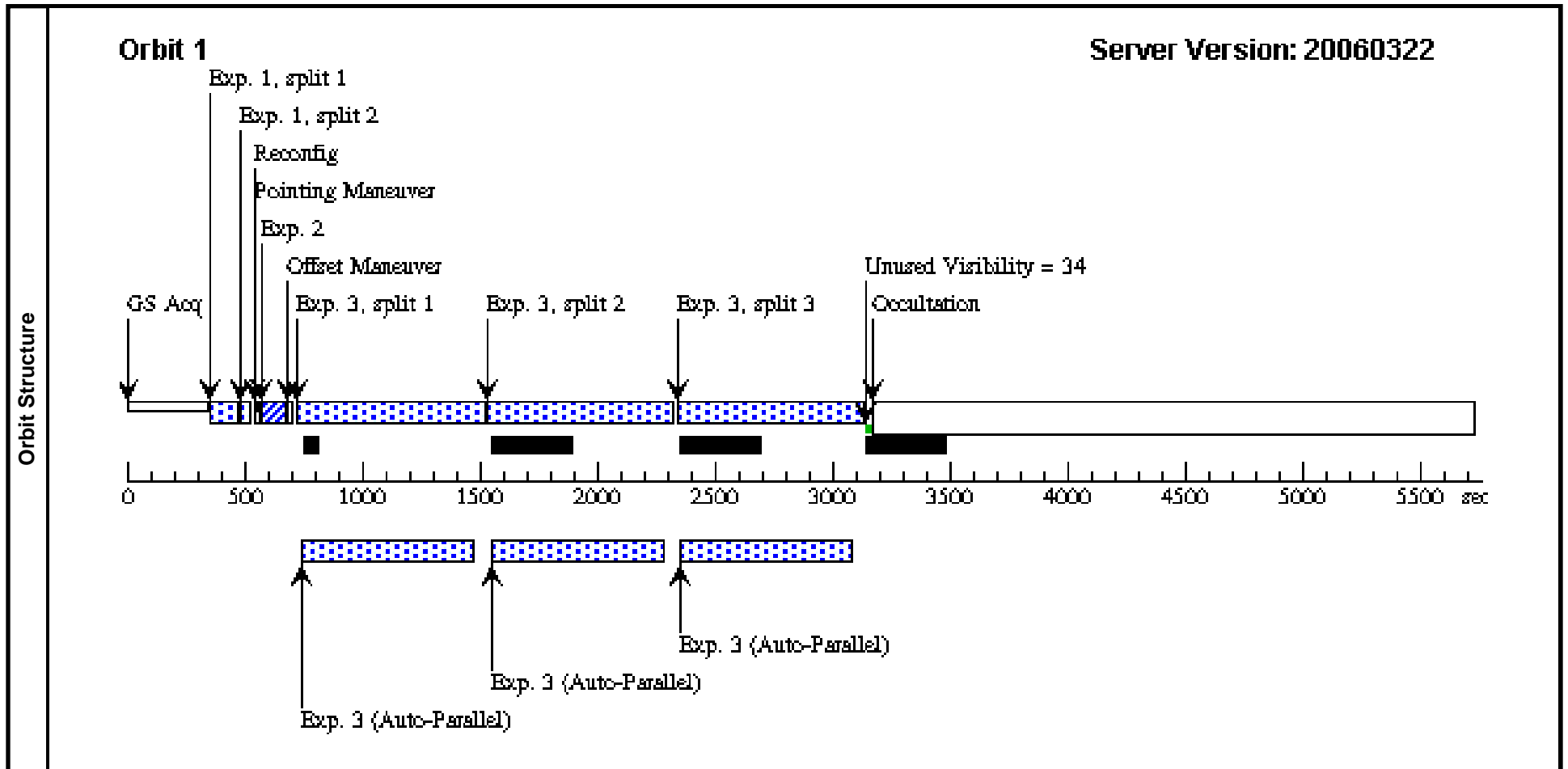
Visit	Proposal 10539, Visit 12 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: SCHED 50%; AFTER 11 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(8)	HD-167468	RA: 18 23 36.5200 (275.9021667d)	Proper Motion RA: 0.0036s/yr	V=5.6	Coordinate Source: PPM_STAR_CATALOGUE				
		Alt Name1: HR-6829	Dec: -75 02 39.30 (-75.04425d)	Proper Motion Dec: 0.021"/yr						
			Equinox: J2000	Epoch of Position: 2000.0						
	<i>Comments: PSF reference star for HR-5792</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(8) HD-167468	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.2 Secs	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	
	2		(8) HD-167468	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs	
								[==>]	[1]	
3		(8) HD-167468	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539 M			50.0 Secs	
								[==>]	[1]	
4		(8) HD-167468	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=3	USE OFFSET 10539 M			2400.0 Secs	
								[==>(Split 1)]		
								[==>(Split 2)]		
								[==>(Split 3)]	[1]	



Proposal 10539 - Visit 16 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:19 GMT 2006

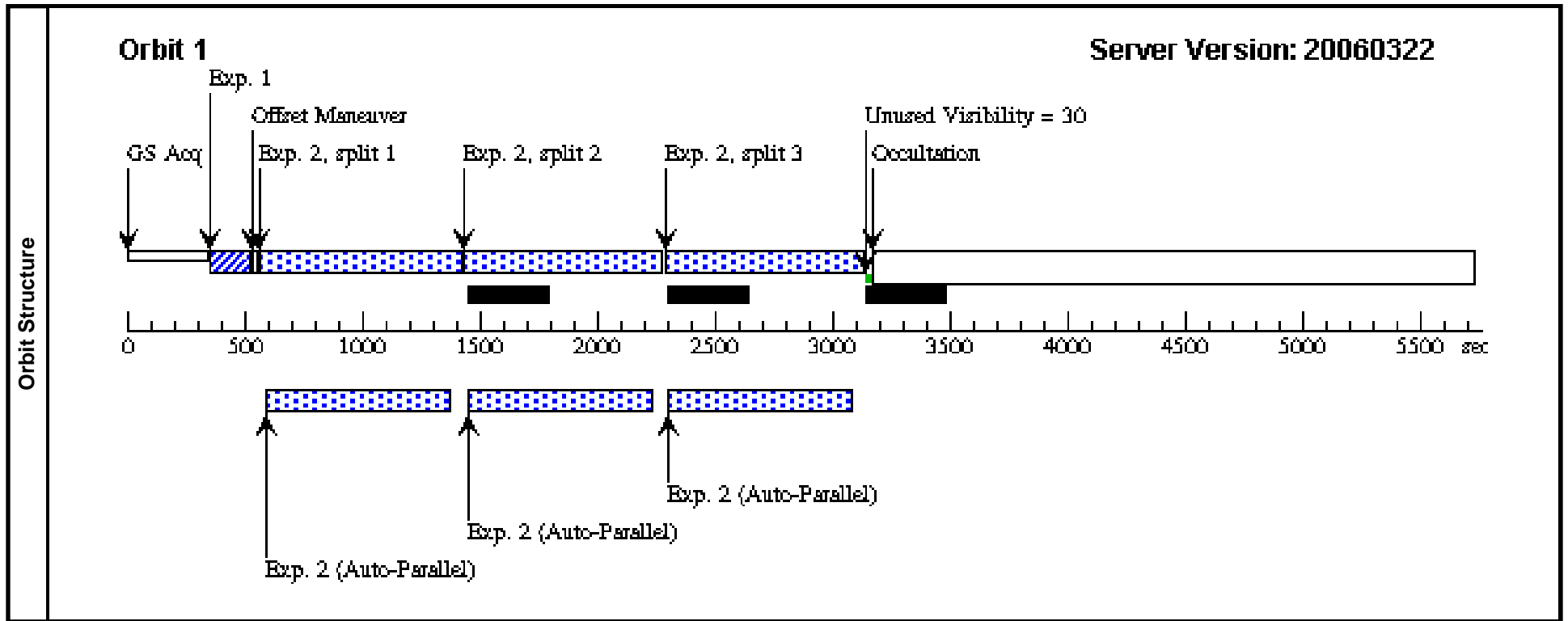
Visit	Proposal 10539, Visit 16 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(11)	HD-82943 Alt Name1: HIP-47007	RA: 09 34 50.7300 (143.7113750d) Dec: -12 07 46.50 (-12.12958d) Equinox: J2000	Proper Motion RA: 0.0s/yr Proper Motion Dec: -0.174"/yr Parallax: 0.03642" Epoch of Position: 2000.0	V=6.5	Coordinate Source: PPM_STAR_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) HD-82943	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.8 Secs [=>(Split 1)] [=>(Split 2)]	[1]
	2		(11) HD-82943	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs [=>]	[1]
	3		(11) HD-82943	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=3	USE OFFSET 10539 Q		2262.0 Secs [=>(Split 1)] [=>(Split 2)] [=>(Split 3)]	[1]



Proposal 10539 - Visit 17 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:19 GMT 2006

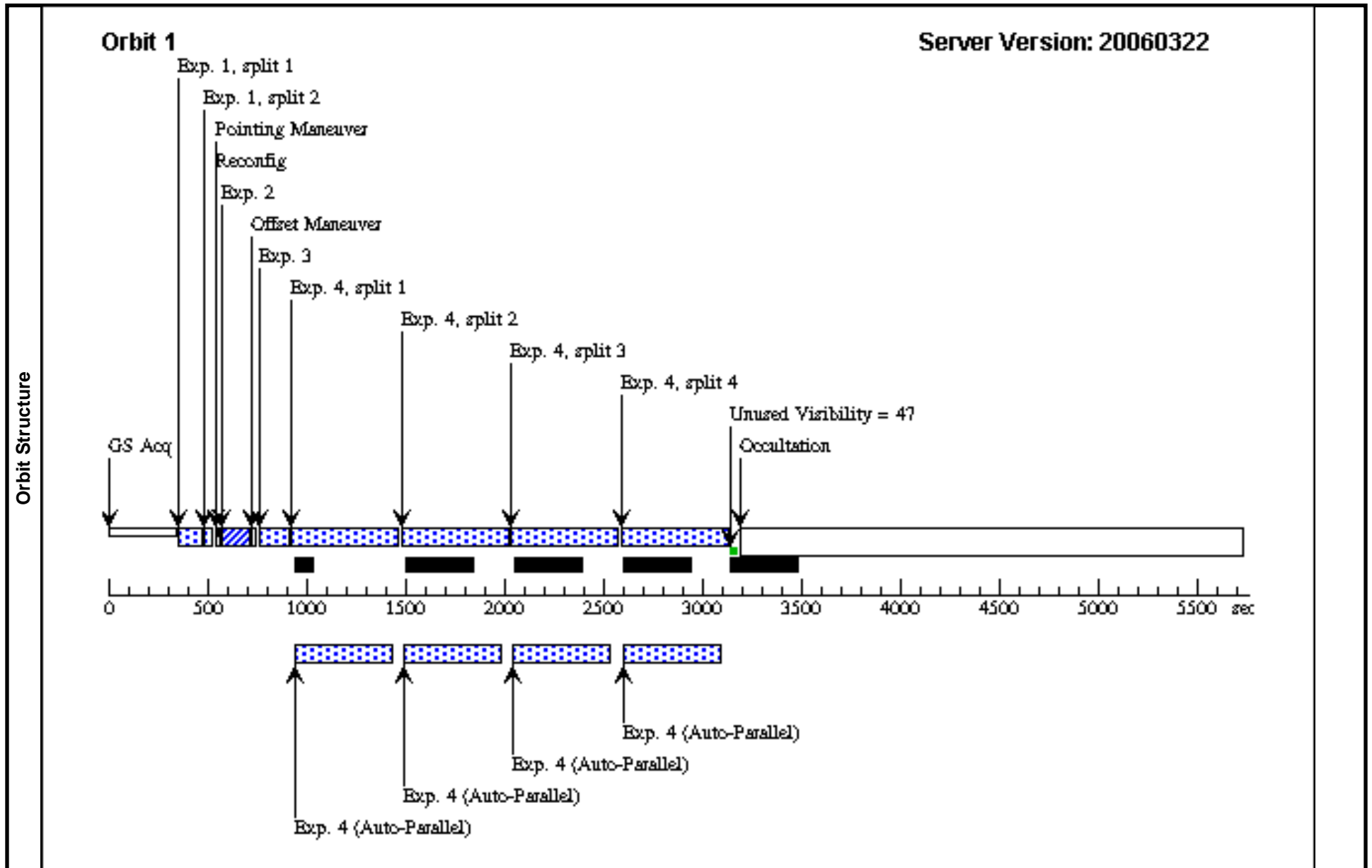
Visit	Proposal 10539, Visit 17 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%; ORIENT 25.0D TO 30.0D FROM 16; AFTER 16 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(11)	HD-82943	RA: 09 34 50.7300 (143.7113750d)	Proper Motion RA: 0.0s/yr	V=6.5	Coordinate Source: PPM_STAR_CATALOGUE				
		Alt Name1: HIP-47007	Dec: -12 07 46.50 (-12.12958d)	Proper Motion Dec: -0.174"/yr						
			Equinox: J2000	Parallax: 0.03642"						
				Epoch of Position: 2000.0						
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) HD-82943	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs	
								[==>]	[1]	
	2		(11) HD-82943	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=3	USE OFFSET 10539 R		2418.0 Secs	
								[==>(Split 1)]		
								[==>(Split 2)]		[1]
								[==>(Split 3)]		



Proposal 10539 - Visit 18 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:19 GMT 2006

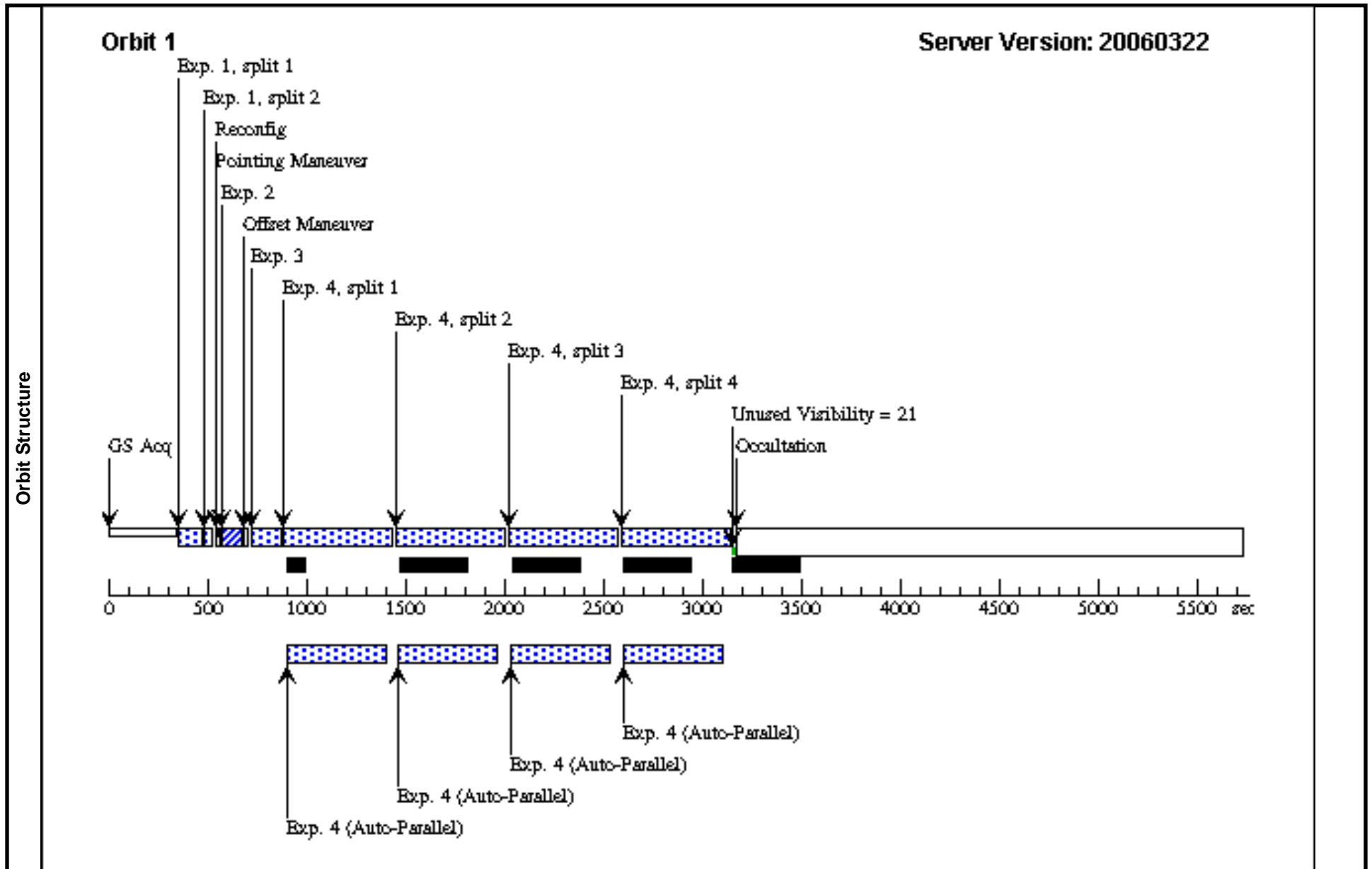
Visit		Proposal 10539, Visit 18 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: SCHED 50%; AFTER 17 BY 0.8 Orbits TO 1.2 Orbits									
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(12)	HD-84117	RA: 09 42 14.4200 (145.5600833d)	Proper Motion RA: -0.0287s/yr	V=4.9	Coordinate Source: PPM_STAR_CATALOGUE				
			Alt Name1: HR-3862	Dec: -23 54 55.90 (-23.91553d)	Proper Motion Dec: 0.265"/yr						
				Equinox: J2000	Parallax: 0.06719"						
					Epoch of Position: 2000.0						
		<i>Comments: PSF reference star for HD-82943</i>									
		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures		1	(12) HD-84117	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.2 Secs		
									[==>(Split 1)]	[1]	
										[==>(Split 2)]	
										0.1 Secs	
		2	(12) HD-84117	ACS/HRC, ACQ, HRC-ACQ	F660N				[==>]	[1]	
		3	(12) HD-84117	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539 S		60.0 Secs		
										[==>]	[1]
		4	(12) HD-84117	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=4	USE OFFSET 10539 S			2026.0 Secs	
									[==>(Split 1)]		
									[==>(Split 2)]		
										[==>(Split 3)]	
										[==>(Split 4)]	[1]



Proposal 10539 - Visit 19 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:20 GMT 2006

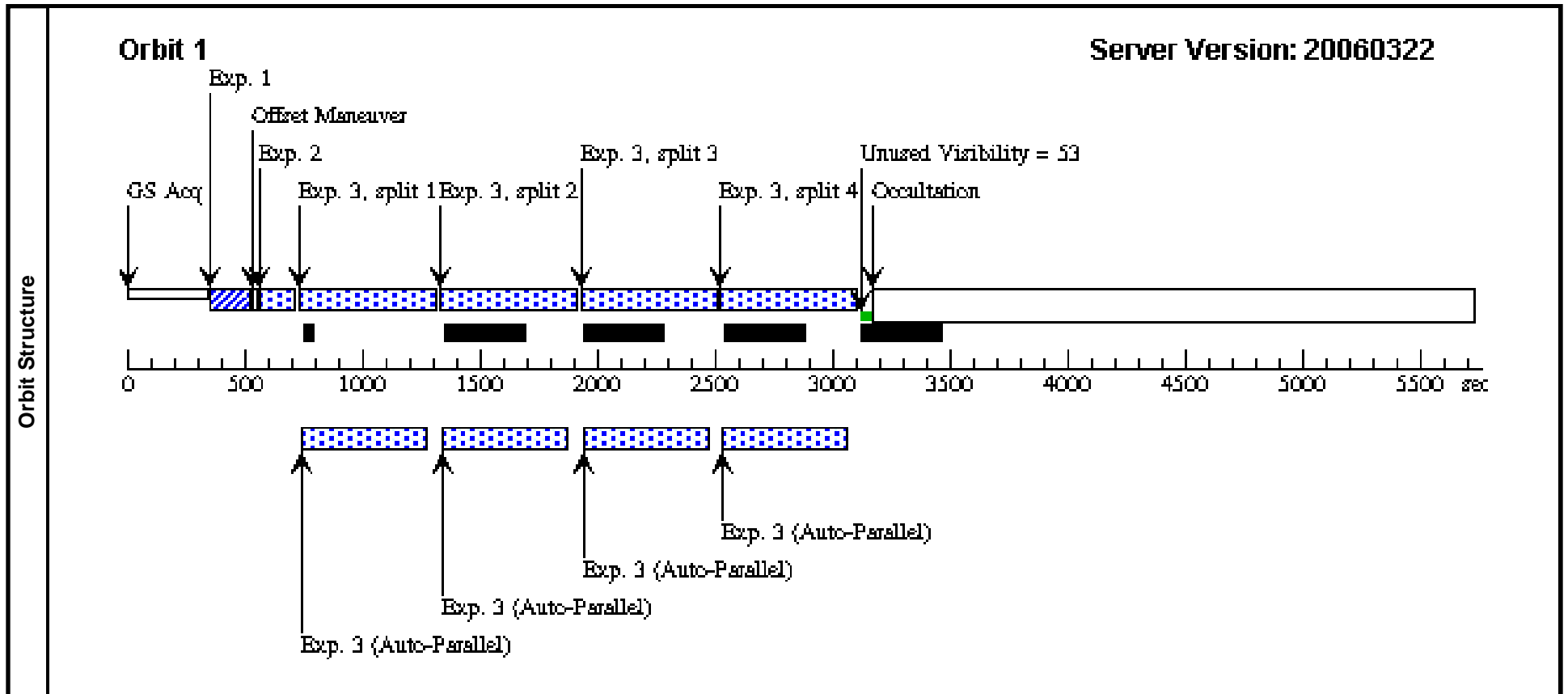
Visit	Proposal 10539, Visit 19 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(13)	HD-38206	RA: 05 43 21.6500 (85.8402083d)	Proper Motion RA: 0.0011s/yr	V=5.7	Coordinate Source: PPM_STAR_CATALOGUE				
		Alt Name1: HR-1975	Dec: -18 33 27.00 (-18.55750d)	Proper Motion Dec: -0.014"/yr						
			Equinox: J2000	Epoch of Position: 2000.0						
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(13) HD-38206	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.6 Secs	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	
	2		(13) HD-38206	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs	
								[==>]	[1]	
3		(13) HD-38206	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO		USE OFFSET 10539		100.0 Secs	
							T		[==>]	[1]
4		(13) HD-38206	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=4		USE OFFSET 10539		2080.0 Secs	
							T		[==>(Split 1)]	
									[==>(Split 2)]	
									[==>(Split 3)]	
									[==>(Split 4)]	[1]



Proposal 10539 - Visit 20 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:20 GMT 2006

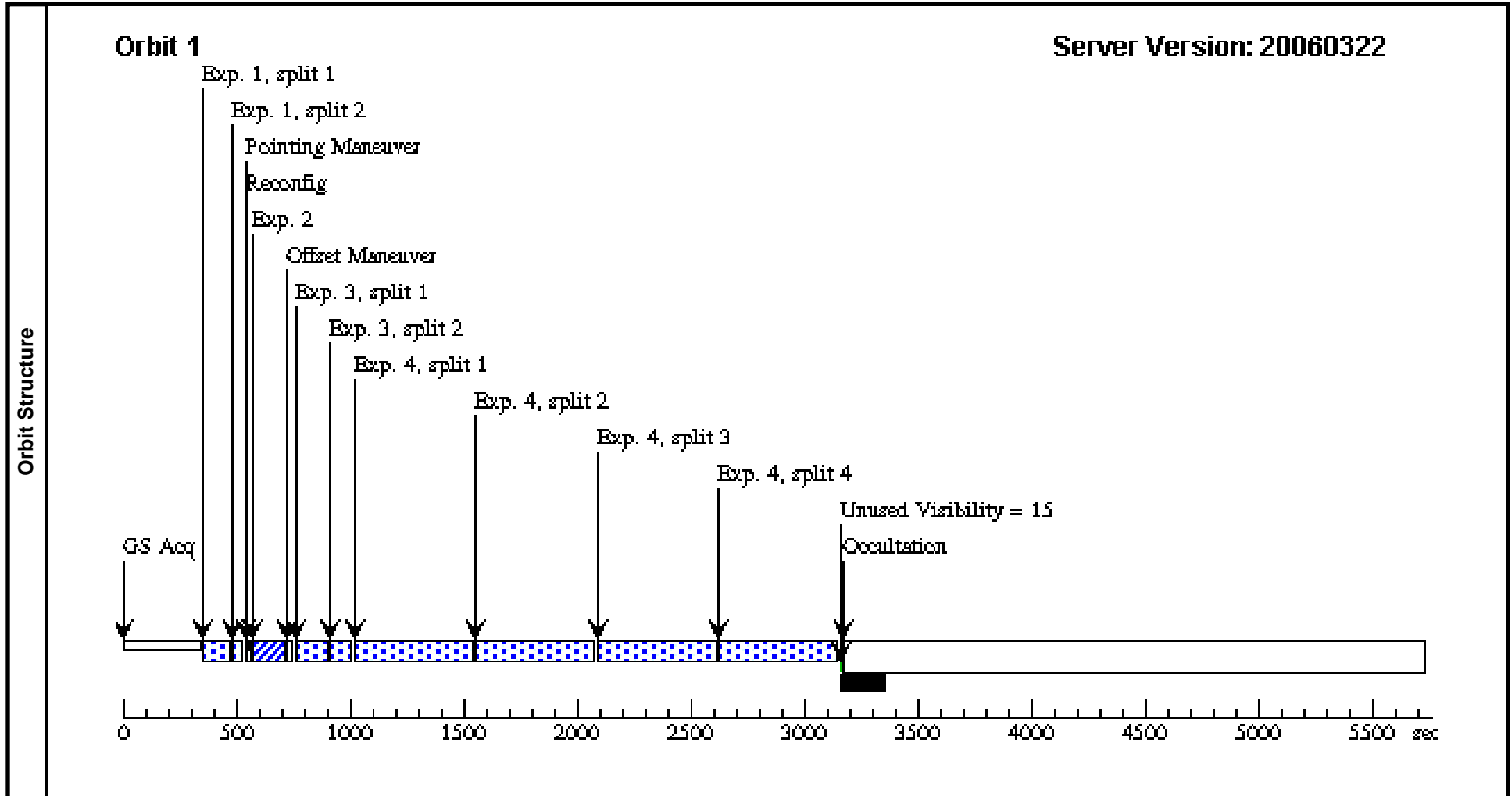
Visit	Proposal 10539, Visit 20 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%; ORIENT 25.0D TO 30.0D FROM 19; AFTER 19 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(13)	HD-38206	RA: 05 43 21.6500 (85.8402083d)	Proper Motion RA: 0.0011s/yr	V=5.7	Coordinate Source: PPM_STAR_CATALOGUE				
		Alt Name1: HR-1975	Dec: -18 33 27.00 (-18.55750d)	Proper Motion Dec: -0.014"/yr						
			Equinox: J2000	Epoch of Position: 2000.0						
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(13) HD-38206	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs	
									[==>]	[1]
	2		(13) HD-38206	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539		100.0 Secs	
									[==>]	[1]
3		(13) HD-38206	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=4	USE OFFSET 10539		2200.0 Secs		
								[==>(Split 1)]		
								[==>(Split 2)]		
								[==>(Split 3)]		
								[==>(Split 4)]	[1]	



Proposal 10539 - Visit 21 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:20 GMT 2006

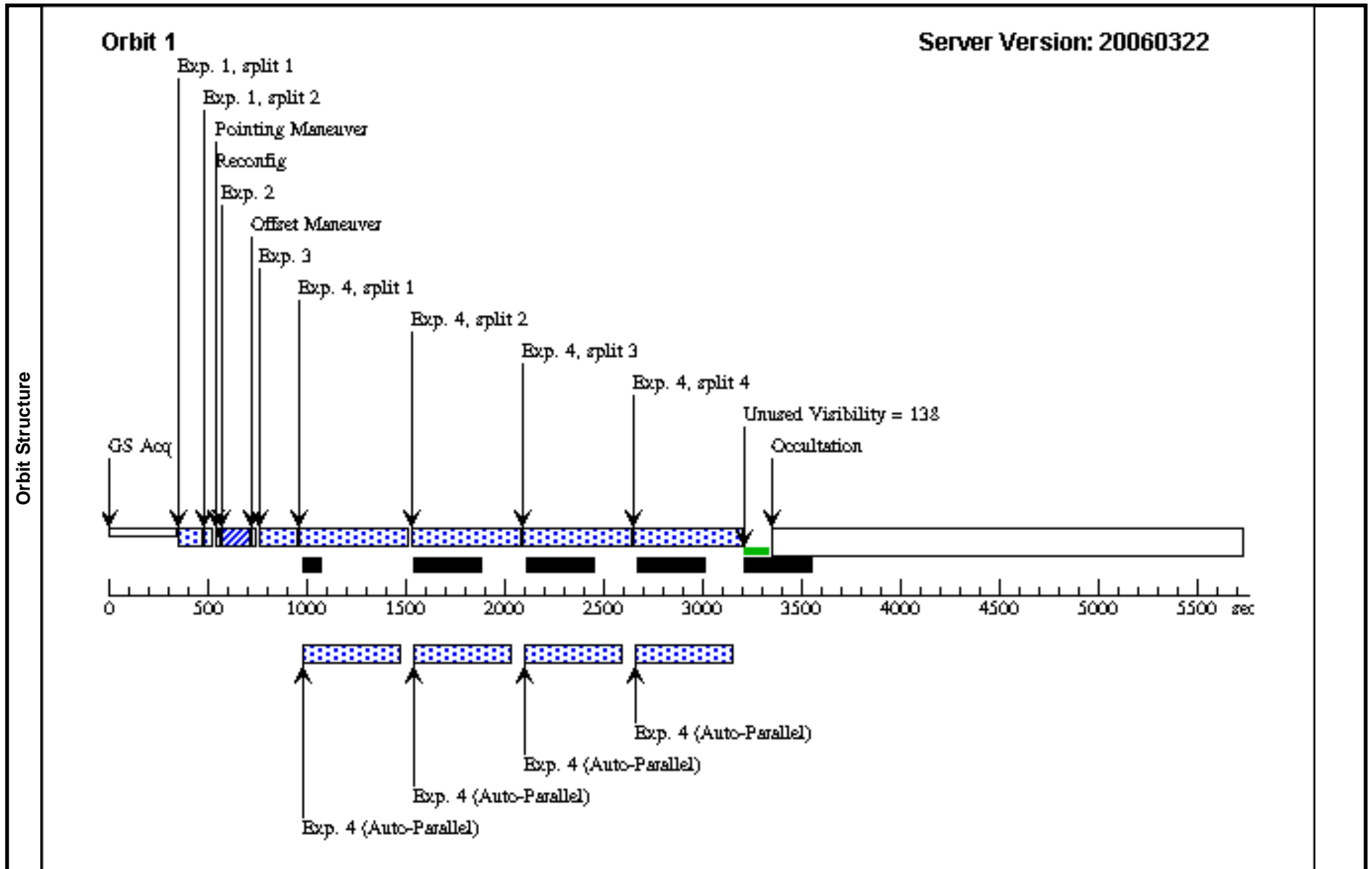
Visit	Proposal 10539, Visit 21 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: SCHED 50%; AFTER 20 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(14)	HD-41695	RA: 06 06 9.3200 (91.5388333d)	Proper Motion RA: -0.0013s/yr	V=4.7	Coordinate Source: PPM_STAR_CATALOGUE				
		Alt Name1: HR-2155	Dec: -14 56 6.90 (-14.93525d)	Proper Motion Dec: 0.014"/yr						
			Equinox: J2000	Epoch of Position: 2000.0						
	<i>Comments: PSF reference star for HD-38206</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(14) HD-41695	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.2 Secs [=>(Split 1)] [=>(Split 2)]	[1]
	2		(14) HD-41695	ACS/HRC, ACQ, HRC-ACQ	F660N			0.1 Secs [=>]	[1]	
	3		(14) HD-41695	ACS/HRC, ACCUM, HRC-CORON1.8	F606W		USE OFFSET 10539 V		100.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]
	4		(14) HD-41695	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=4	USE OFFSET 10539 V		1950.0 Secs [=>(Split 1)] [=>(Split 2)] [=>(Split 3)] [=>(Split 4)]	[1]



Proposal 10539 - Visit 22 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:21 GMT 2006

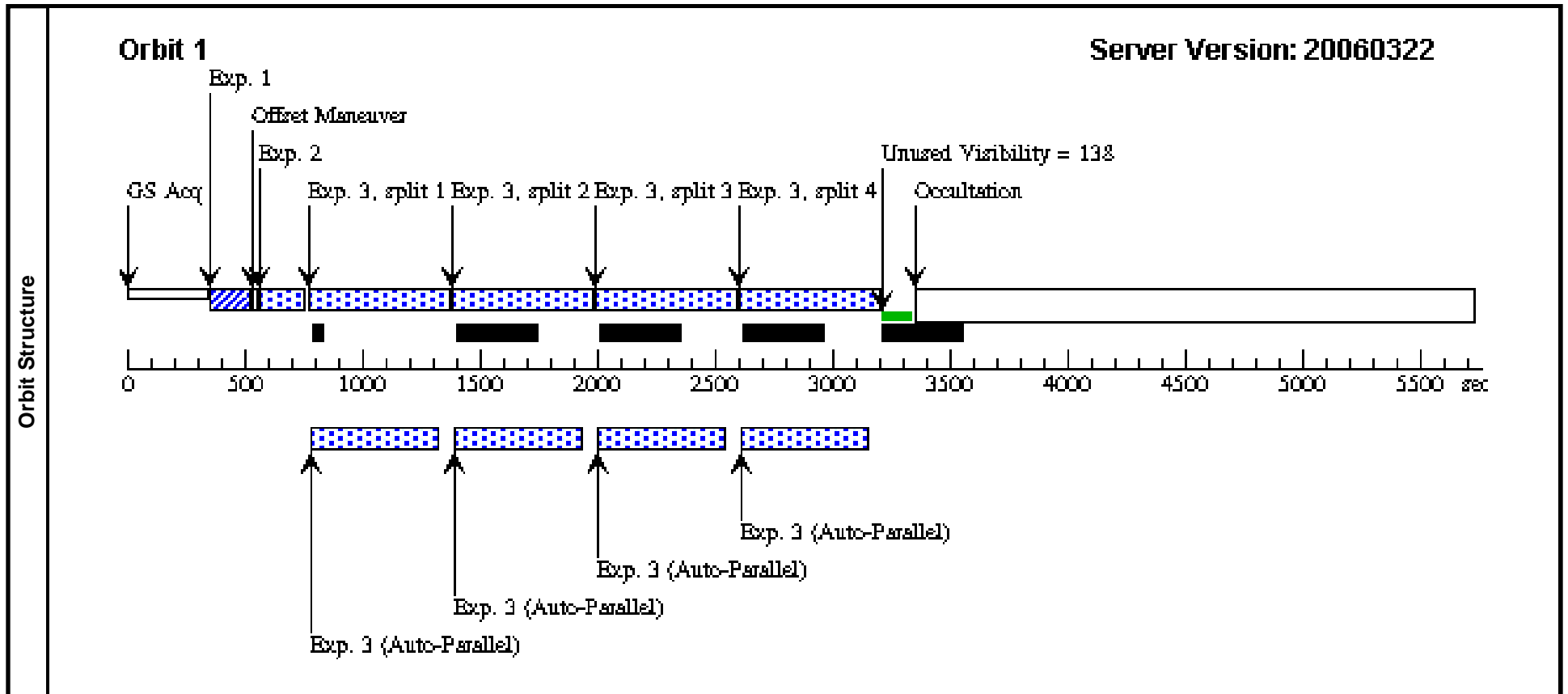
Visit	Proposal 10539, Visit 22 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(15)	HIP-101612 Alt Name1: HD-195627	RA: 20 35 34.9100 (308.8954583d) Dec: -60 34 54.20 (-60.58172d) Equinox: J2000	Proper Motion RA: 0.01s/yr Proper Motion Dec: -0.179"/yr Parallax: 0.03627" Epoch of Position: 2000.0	V=4.8	Coordinate Source: PPM_STAR_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(15) HIP-101612	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.2 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	2		(15) HIP-101612	ACS/HRC, ACQ, HRC-ACQ	F660N				0.1 Secs [==>]	[1]
	3		(15) HIP-101612	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539 W		100.0 Secs [==>]	[1]
	4		(15) HIP-101612	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=4	USE OFFSET 10539 W		2060.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]



Proposal 10539 - Visit 23 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:21 GMT 2006

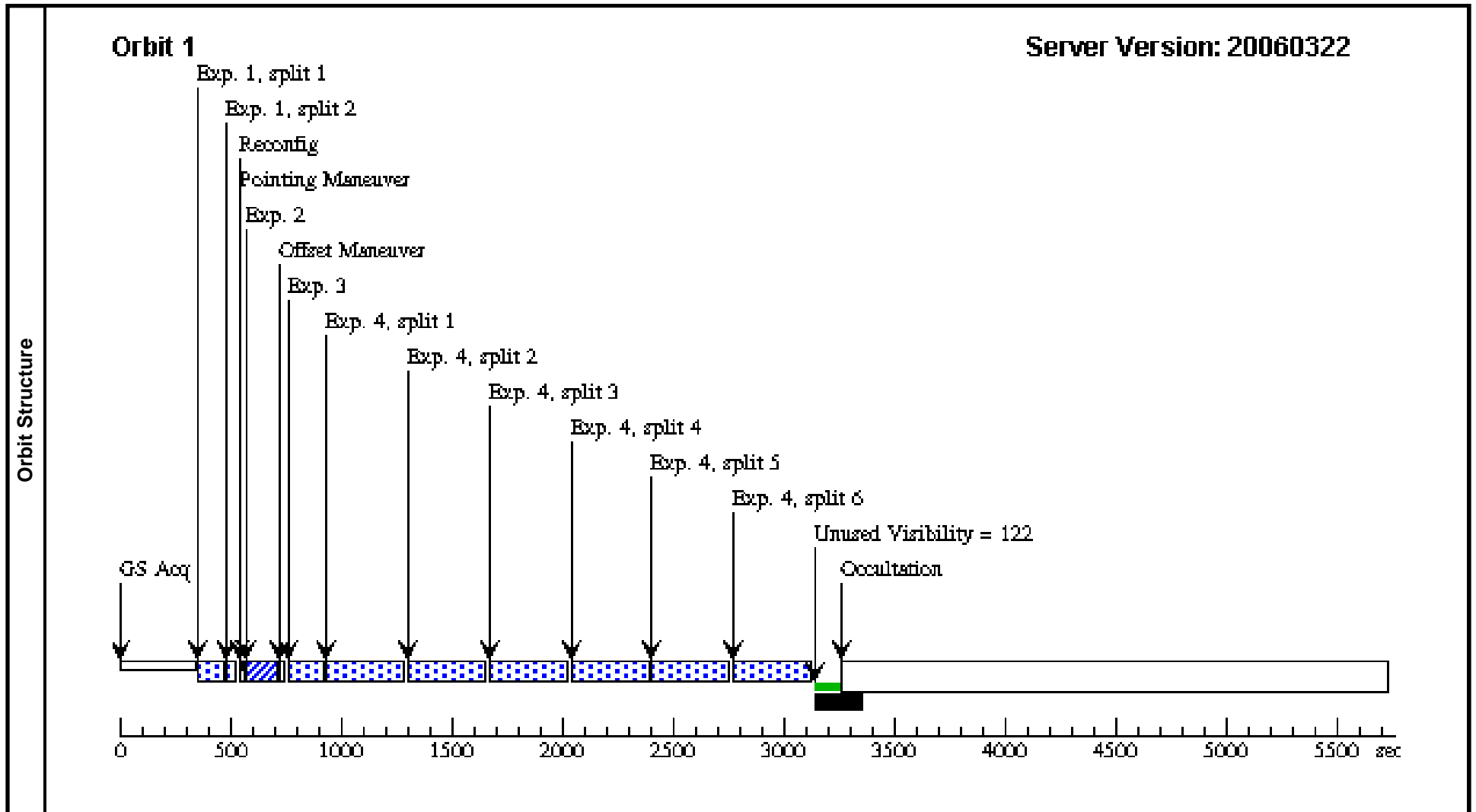
Visit	Proposal 10539, Visit 23 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%; ORIENT 25.0D TO 30.0D FROM 22; AFTER 22 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(15)	HIP-101612	RA: 20 35 34.9100 (308.8954583d)	Proper Motion RA: 0.01s/yr	V=4.8	Coordinate Source: PPM_STAR_CATALOGUE				
		Alt Name1: HD-195627	Dec: -60 34 54.20 (-60.58172d)	Proper Motion Dec: -0.179"/yr						
			Equinox: J2000	Parallax: 0.03627"						
				Epoch of Position: 2000.0						
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(15) HIP-101612	ACS/HRC, ACQ, HRC-ACQ	F660N				0.1 Secs	
									[==>]	[1]
	2		(15) HIP-101612	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539	X	100.0 Secs	
									[==>]	[1]
3		(15) HIP-101612	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=4	USE OFFSET 10539	X	2250.0 Secs		
								[==>(Split 1)]		
								[==>(Split 2)]		
								[==>(Split 3)]		
								[==>(Split 4)]	[1]	



Proposal 10539 - Visit 24 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:21 GMT 2006

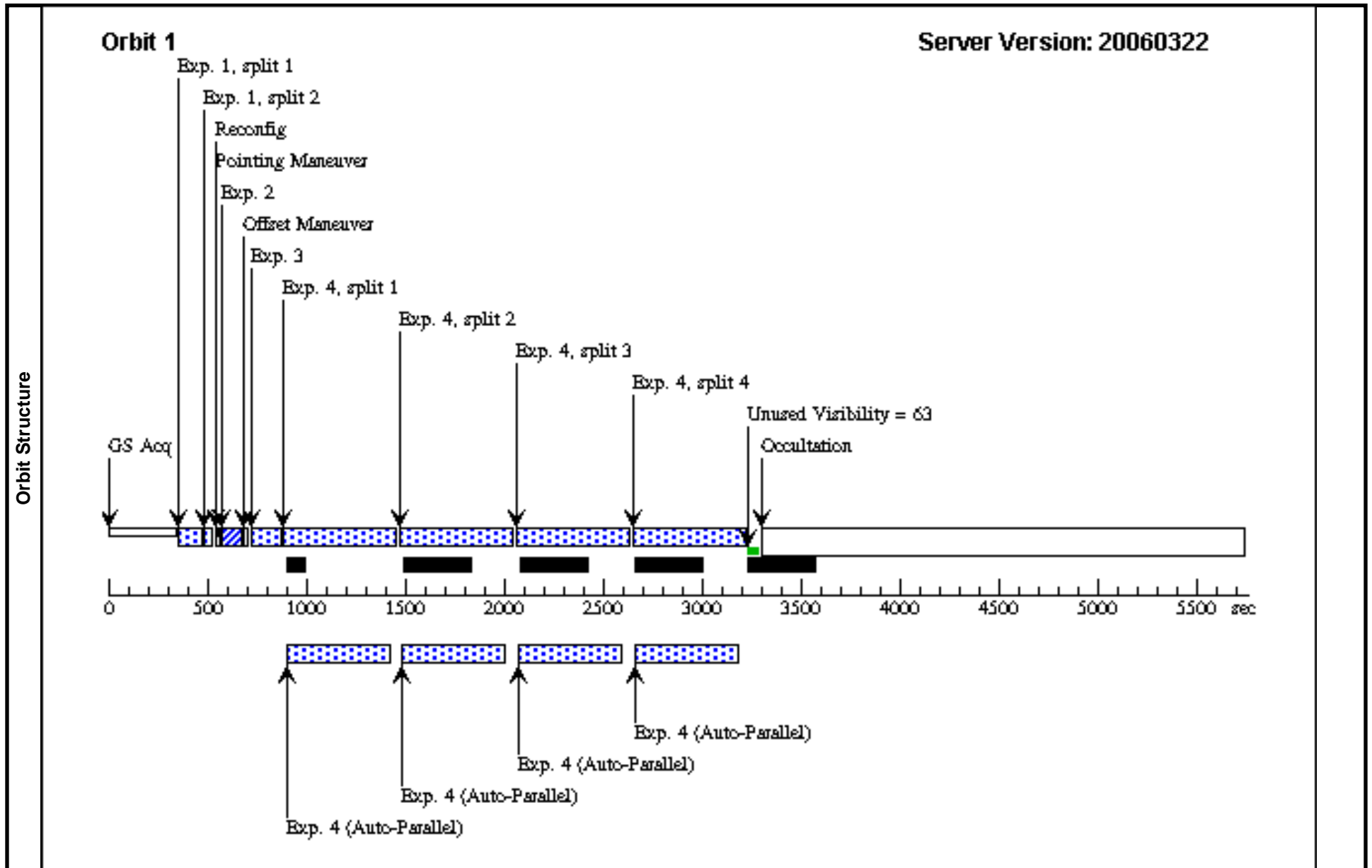
Visit	Proposal 10539, Visit 24 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: SCHED 50%; AFTER 23 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(16)	HD-181623	RA: 19 23 13.2200 (290.8050833d)	Proper Motion RA: 0.0106s/yr	V=4.3	Coordinate Source: PPM_STAR_CATALOGUE				
		Alt Name1: HR-7343	Dec: -44 47 59.60 (-44.79989d)	Proper Motion Dec: -0.066"/yr						
			Equinox: J2000	Epoch of Position: 2000.0						
	<i>Comments: PSF reference star for HD-181623</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(16) HD-181623	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.2 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	2		(16) HD-181623	ACS/HRC, ACQ, HRC-ACQ	F660N			0.1 Secs [==>]	[1]	
	3		(16) HD-181623	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539 Y		70.0 Secs [==>]	[1]
	4		(16) HD-181623	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=6	USE OFFSET 10539 Y		1920.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]



Proposal 10539 - Visit 25 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:22 GMT 2006

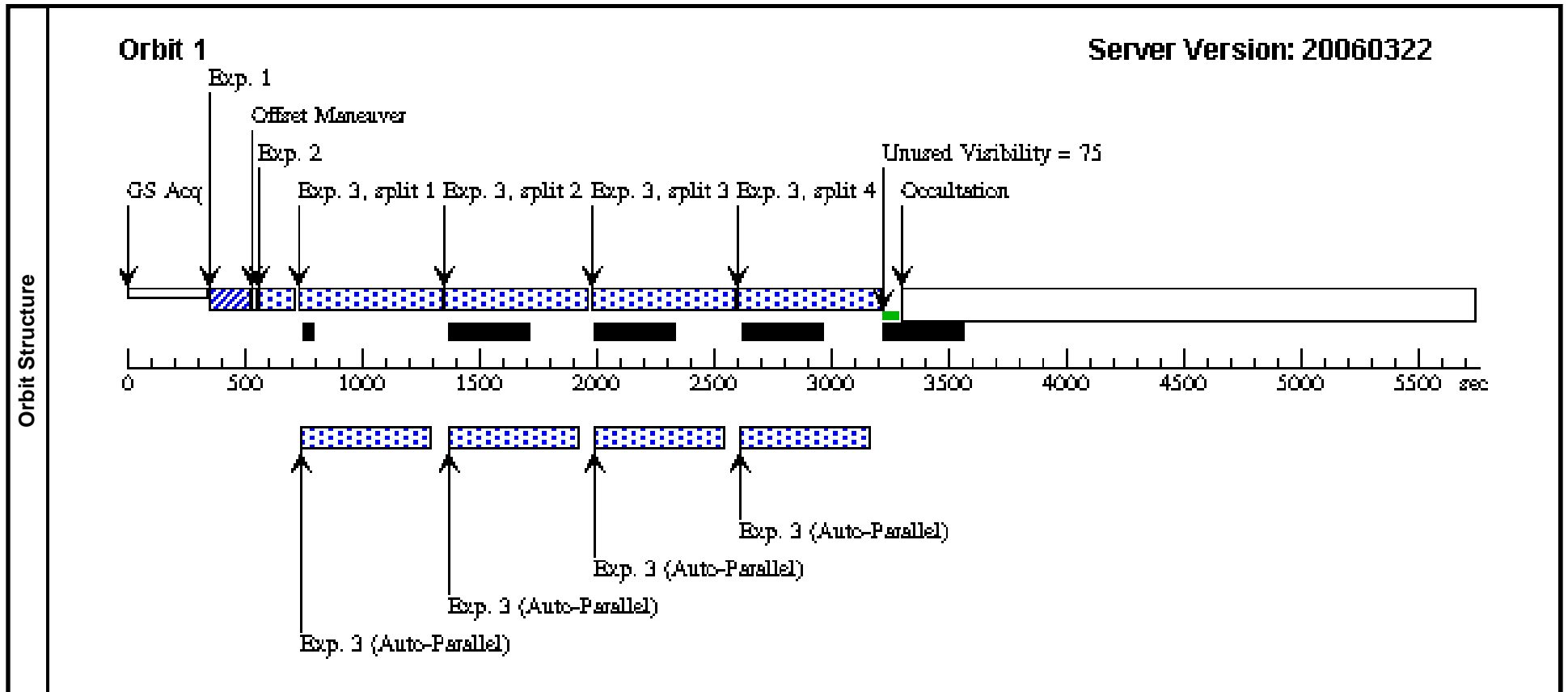
Visit		Proposal 10539, Visit 25 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%										
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
		(17)	HR-506	RA: 01 42 29.3400 (25.6222500d)	Proper Motion RA: 0.0193s/yr	V=5.5	Coordinate Source: PPM_STAR_CATALOGUE					
			Alt Name1: HD-10647	Dec: -53 44 27.30 (-53.74092d) Equinox: J2000	Proper Motion Dec: -0.109"/yr Parallax: 0.05763" Epoch of Position: 2000.0							
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
		1		(17) HR-506	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.6 Secs [==>(Split 1)] [==>(Split 2)]	[1]	
		2		(17) HR-506	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs [==>]	[1]	
		3		(17) HR-506	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539 Z			100.0 Secs [==>]	[1]
		4		(17) HR-506	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=4	USE OFFSET 10539 Z			2160.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]



Proposal 10539 - Visit 26 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:23 GMT 2006

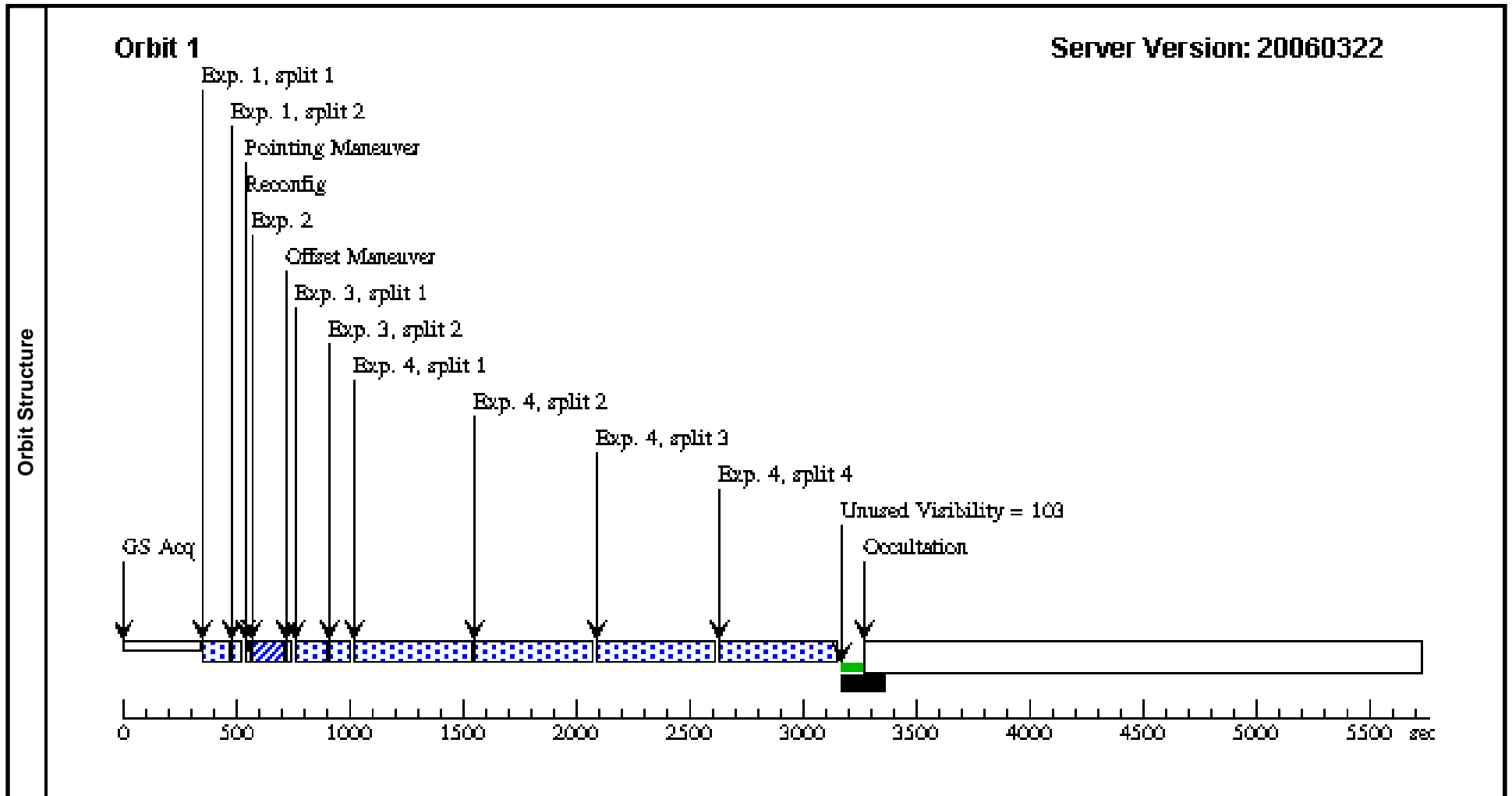
Visit	Proposal 10539, Visit 26 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%; ORIENT 25.0D TO 30.0D FROM 25; AFTER 25 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(17)	HR-506	RA: 01 42 29.3400 (25.6222500d)	Proper Motion RA: 0.0193s/yr	V=5.5	Coordinate Source: PPM_STAR_CATALOGUE				
		Alt Name1: HD-10647	Dec: -53 44 27.30 (-53.74092d)	Proper Motion Dec: -0.109"/yr						
			Equinox: J2000	Parallax: 0.05763"						
				Epoch of Position: 2000.0						
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(17) HR-506	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs	
									[==>]	[1]
	2		(17) HR-506	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539	1	100.0 Secs	
									[==>]	[1]
3		(17) HR-506	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=4	USE OFFSET 10539	1	2300.0 Secs		
								[==>(Split 1)]		
								[==>(Split 2)]		
								[==>(Split 3)]		
								[==>(Split 4)]	[1]	



Proposal 10539 - Visit 27 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:23 GMT 2006

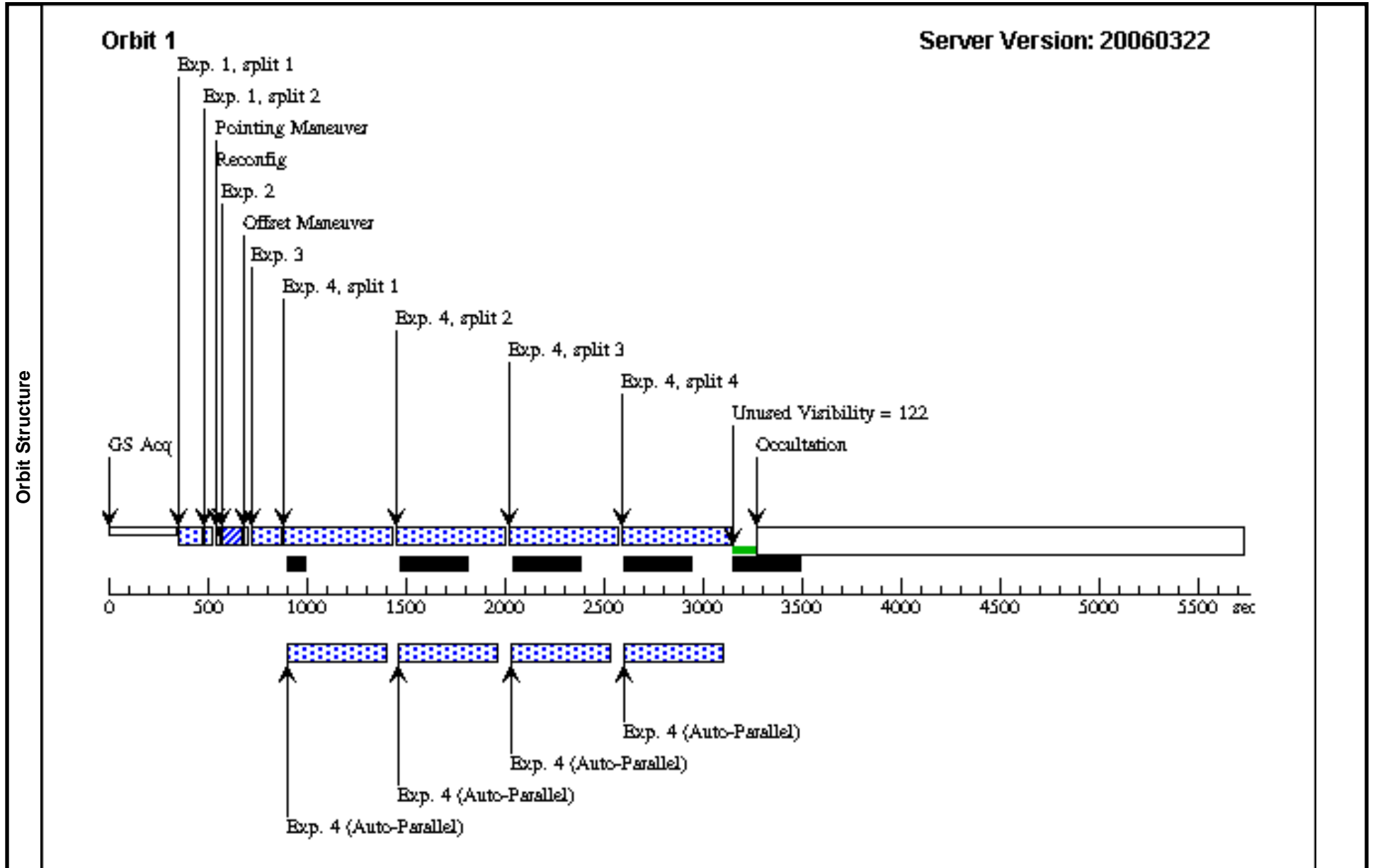
Visit		Proposal 10539, Visit 27 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: SCHED 50%; AFTER 26 BY 0.8 Orbits TO 1.2 Orbits									
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(18)	HD-7570	RA: 01 15 11.1700 (18.7965417d)	Proper Motion RA: 0.0642s/yr	V=5.0	Coordinate Source: PPM_STAR_CATALOGUE				
			Alt Name1: HR-370	Dec: -45 31 53.90 (-45.53164d)	Proper Motion Dec: 0.18"/yr						
				Equinox: J2000	Parallax: 0.06643"						
					Epoch of Position: 2000.0						
		<i>Comments: PSF reference star for HR-506</i>									
		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures		1	(18) HD-7570	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.2 Secs		
									[==>(Split 1)]	[1]	
										[==>(Split 2)]	
		2	(18) HD-7570	ACS/HRC, ACQ, HRC-ACQ	F660N					0.1 Secs	
									[==>]	[1]	
		3	(18) HD-7570	ACS/HRC, ACCUM, HRC-CORON1.8	F606W		USE OFFSET 10539 2		100.0 Secs		
										[==>(Split 1)]	[1]
										[==>(Split 2)]	
		4	(18) HD-7570	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=4	USE OFFSET 10539 2		1968.0 Secs		
										[==>(Split 1)]	[1]
										[==>(Split 2)]	
										[==>(Split 3)]	
									[==>(Split 4)]		



Proposal 10539 - Visit 28 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:24 GMT 2006

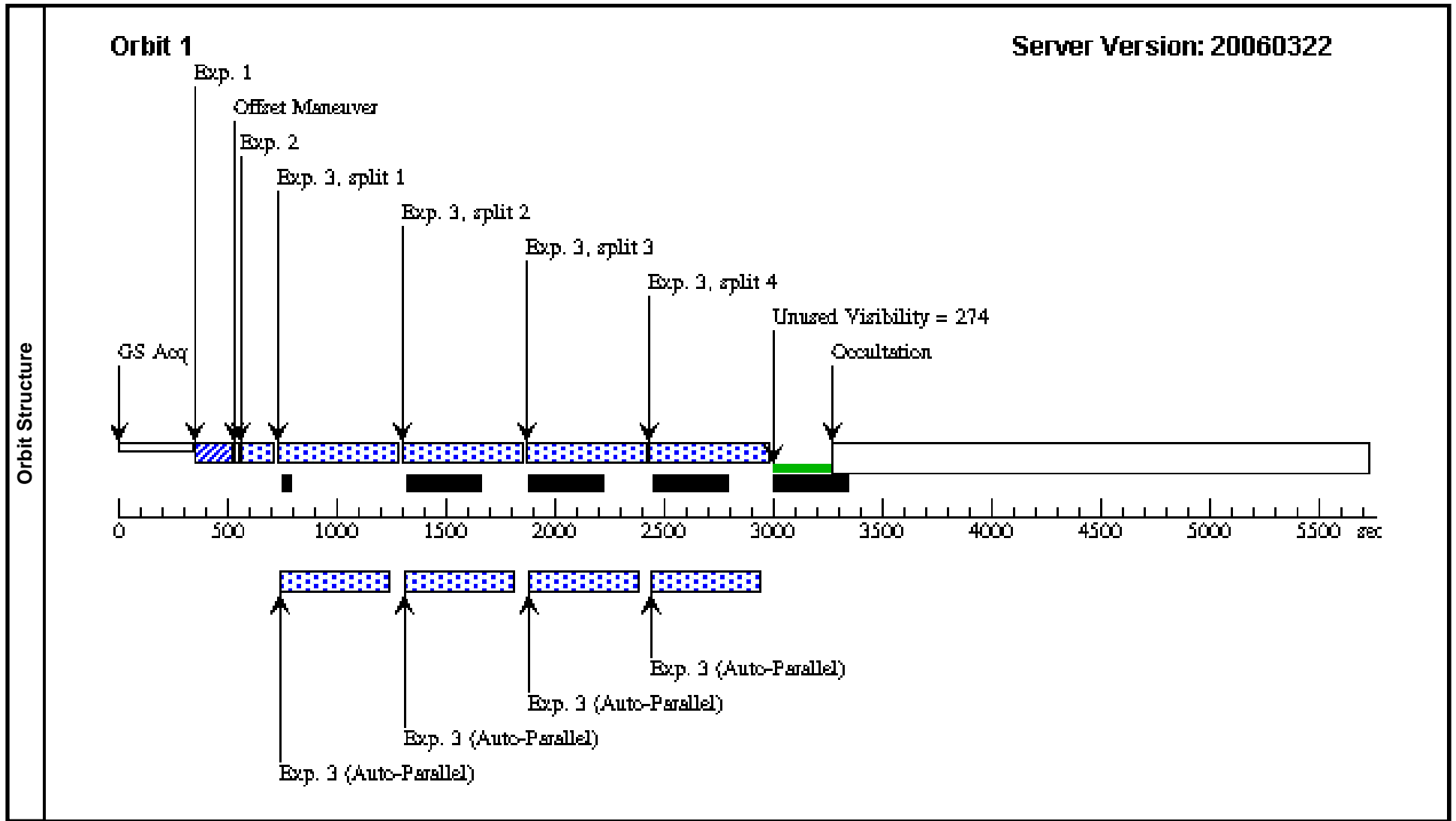
Visit	Proposal 10539, Visit 28 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(19)	HD-207129 Alt Name1: HR-8323	RA: 21 48 15.7600 (327.0656667d) Dec: -47 18 13.20 (-47.30367d) Equinox: J2000	Proper Motion RA: 0.0164s/yr Proper Motion Dec: -0.298"/yr Parallax: 0.06395" Epoch of Position: 2000.0	V=5.6	Coordinate Source: PPM_STAR_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(19) HD-207129	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.6 Secs [=>(Split 1)] [=>(Split 2)]	[1]
	2		(19) HD-207129	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs [=>]	[1]
	3		(19) HD-207129	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539 3		100.0 Secs [=>]	[1]
	4		(19) HD-207129	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=4	USE OFFSET 10539 3		2080.0 Secs [=>(Split 1)] [=>(Split 2)] [=>(Split 3)] [=>(Split 4)]	[1]



Proposal 10539 - Visit 29 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:24 GMT 2006

Visit	Proposal 10539, Visit 29 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 50%; ORIENT 20.0D TO 30.0D FROM 28; AFTER 28 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(19)	HD-207129	RA: 21 48 15.7600 (327.0656667d)	Proper Motion RA: 0.0164s/yr	V=5.6	Coordinate Source: PPM_STAR_CATALOGUE				
		Alt Name1: HR-8323	Dec: -47 18 13.20 (-47.30367d)	Proper Motion Dec: -0.298"/yr						
			Equinox: J2000	Parallax: 0.06395"						
				Epoch of Position: 2000.0						
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(19) HD-207129	ACS/HRC, ACQ, HRC-ACQ	F502N				0.1 Secs	
									[==>]	[1]
	2		(19) HD-207129	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=NO	USE OFFSET 10539	5	100.0 Secs	
									[==>]	[1]
3		(19) HD-207129	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=4	USE OFFSET 10539	5	2080.0 Secs		
								[==>(Split 1)]		
								[==>(Split 2)]		
								[==>(Split 3)]		
								[==>(Split 4)]	[1]	



Proposal 10539 - Visit 30 - Coronagraphic Imaging of Bright New Spitzer Debris Disks

Wed Apr 26 01:03:24 GMT 2006

Visit		Proposal 10539, Visit 30 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: SCHED 50%; AFTER 29 BY 0.8 Orbits TO 1.2 Orbits									
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(20)	HD-211415	RA: 22 18 15.6800 (334.5653333d)	Proper Motion RA: 0.0503s/yr	V=5.3	Coordinate Source: PPM_STAR_CATALOGUE				
			Alt Name1: HR-8501	Dec: -53 37 38.80 (-53.62744d) Equinox: J2000	Proper Motion Dec: -0.657"/yr Parallax: 0.07347" Epoch of Position: 2000.0						
		<i>Comments: PSF reference star for HD-207129</i>									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1		(20) HD-211415	ACS/HRC, ACCUM, HRC	F606W	GAIN=4			0.2 Secs [==>(Split 1)] [==>(Split 2)]	[1]
		2		(20) HD-211415	ACS/HRC, ACQ, HRC-ACQ	F660N				0.1 Secs [==>]	[1]
		3		(20) HD-211415	ACS/HRC, ACCUM, HRC-CORON1.8	F606W		USE OFFSET 10539 4		100.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
		4		(20) HD-211415	ACS/HRC, ACCUM, HRC-CORON1.8	F606W	CR-SPLIT=4	USE OFFSET 10539 4		1880.0 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]

