



12998 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Cycle: 20, Proposal Category: GO
(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) HD-111520	STIS/CCD	1	11-Jul-2012 00:45:43.0	yes
02	(1) HD-111520	STIS/CCD	1	11-Jul-2012 00:45:50.0	yes
03	(2) HD-223408	STIS/CCD	1	11-Jul-2012 00:45:58.0	yes
04	(2) HD-223408	STIS/CCD	1	11-Jul-2012 00:46:07.0	yes
05	(3) HD-141133	STIS/CCD	1	11-Jul-2012 00:46:13.0	yes
06	(3) HD-141133	STIS/CCD	1	11-Jul-2012 00:46:19.0	yes
07	(4) HD-94131	STIS/CCD	1	11-Jul-2012 00:46:26.0	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>
08	(4) HD-94131	STIS/CCD	1	11-Jul-2012 00:46:34.0	yes
09	(5) HD-120326	STIS/CCD	1	11-Jul-2012 00:46:43.0	yes
10	(5) HD-120326	STIS/CCD	1	11-Jul-2012 00:46:48.0	yes
11	(6) HD-156623	STIS/CCD	1	11-Jul-2012 00:46:55.0	yes
12	(6) HD-156623	STIS/CCD	1	11-Jul-2012 00:47:03.0	yes
13	(7) HD-36546	STIS/CCD	1	11-Jul-2012 00:47:11.0	yes
14	(7) HD-36546	STIS/CCD	1	11-Jul-2012 00:47:19.0	yes

14 Total Orbits Used

ABSTRACT

Debris disks trace the collisional breakdown of asteroid and comet parent bodies orbiting nearby main sequence stars. While present in ~15% of FGK stars - as diagnosed by infrared excess measurement by IRAS, ISO, and Spitzer - only 6 debris disks have been detected in scattered light around late-type stars. The detectability of debris disks in scattered light trends strongly with the magnitude of their infrared excess, so progress in this field depends on identifying new stars with strong excess. The Wide-Field Infrared Survey Explorer (WISE) has recently completed new, sensitive all-sky mapping in the 3.3, 4.6, 12, and 22 micron bands. Association of the WISE sources to Hipparcos stars has led to the identification of 348 nearby main sequence stars with robustly detected warm 22 micron excesses not previously known. We propose STIS coronagraphic imaging for seven of the brightest debris disks that WISE has found in association with solar-type and intermediate mass stars within 120 pc. All seven have excesses stronger than the successfully imaged disk of HD 107146, and two have disks as bright as Beta Pic. Our goal is to obtain the first resolved images of these disks at ~5 -15 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 imaged around late-type stars, opening a wider window into the structure of planetary systems.

OBSERVING DESCRIPTION

We are using the STIS coronagraph to image circumstellar debris disks around 7 stars with WISE-detected excesses. Each target is observed in two back-to-back orbits, with the two orbits separated by ~30 deg in telescope roll. The two rolls allow separation of the disk and instrumental components of the image using an iterative algorithm. At the beginning of each orbit the usual STIS coronagraph acquisition is done. Then, a ~2000

sec exposure (split into multiple shorter CR-splits) is taken with the star located behind the coronagraphic wedge at WEDGEA1.0. Each orbit uses the same image sequence. Exposure times and CR-splits are chosen to minimize, but not completely prevent, saturation.

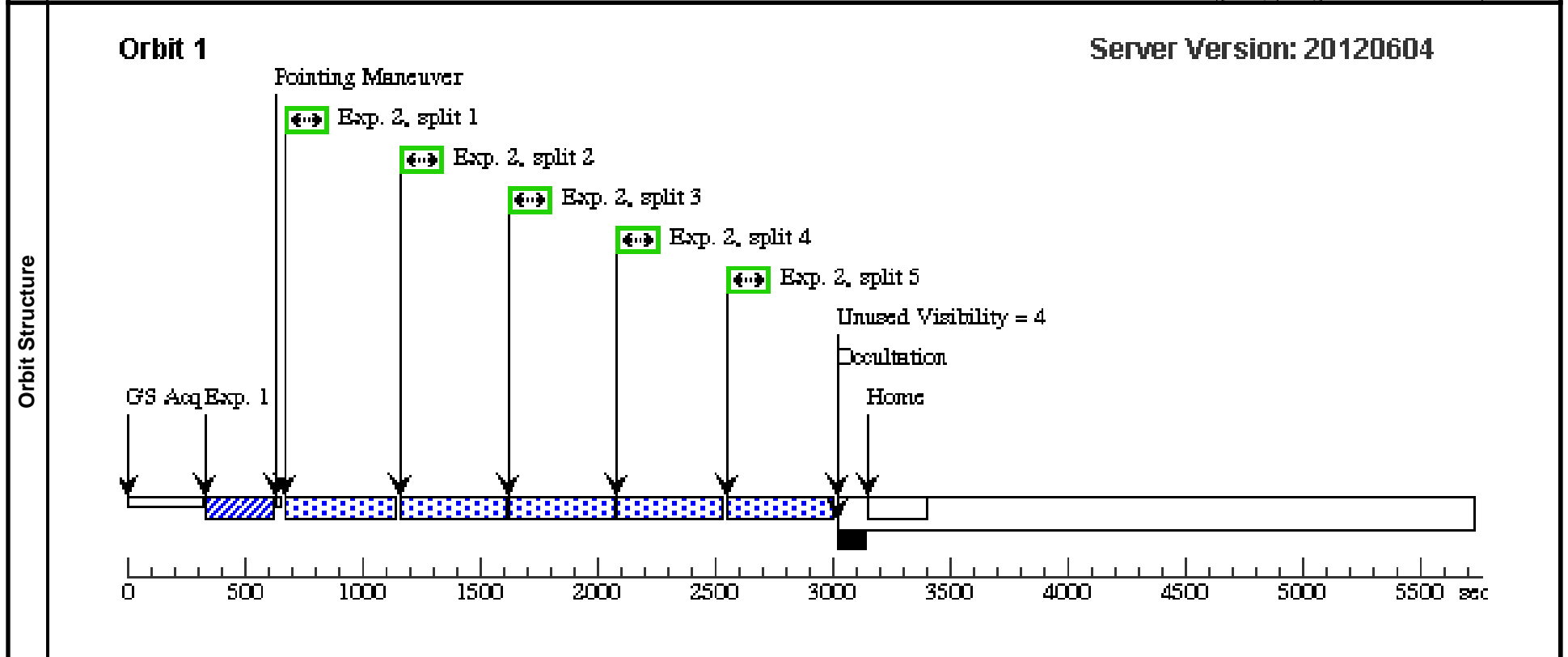
Proposal 12998 - Visit 01 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Wed Jul 11 04:47:27 GMT 2012

Visit	Proposal 12998, Visit 01				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/CCD				
	Special Requirements: SCHED 100%				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-111520	RA: 12 50 19.7173 (192.5821554d)	Proper Motion RA: -36.61 mas/yr	V=8.88	Reference Frame: ICRS
		Alt Name1: HIP-62657	Dec: -49 51 48.96 (-49.86360d)	Proper Motion Dec: -16.47 mas/yr	Epoch of Position: 2000	

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) HD-111520	STIS/CCD, ACQ, F25ND3	MIRROR				0.5 Secs [==>]	[1]
	2		(1) HD-111520	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=5; GAIN=4			2095 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]



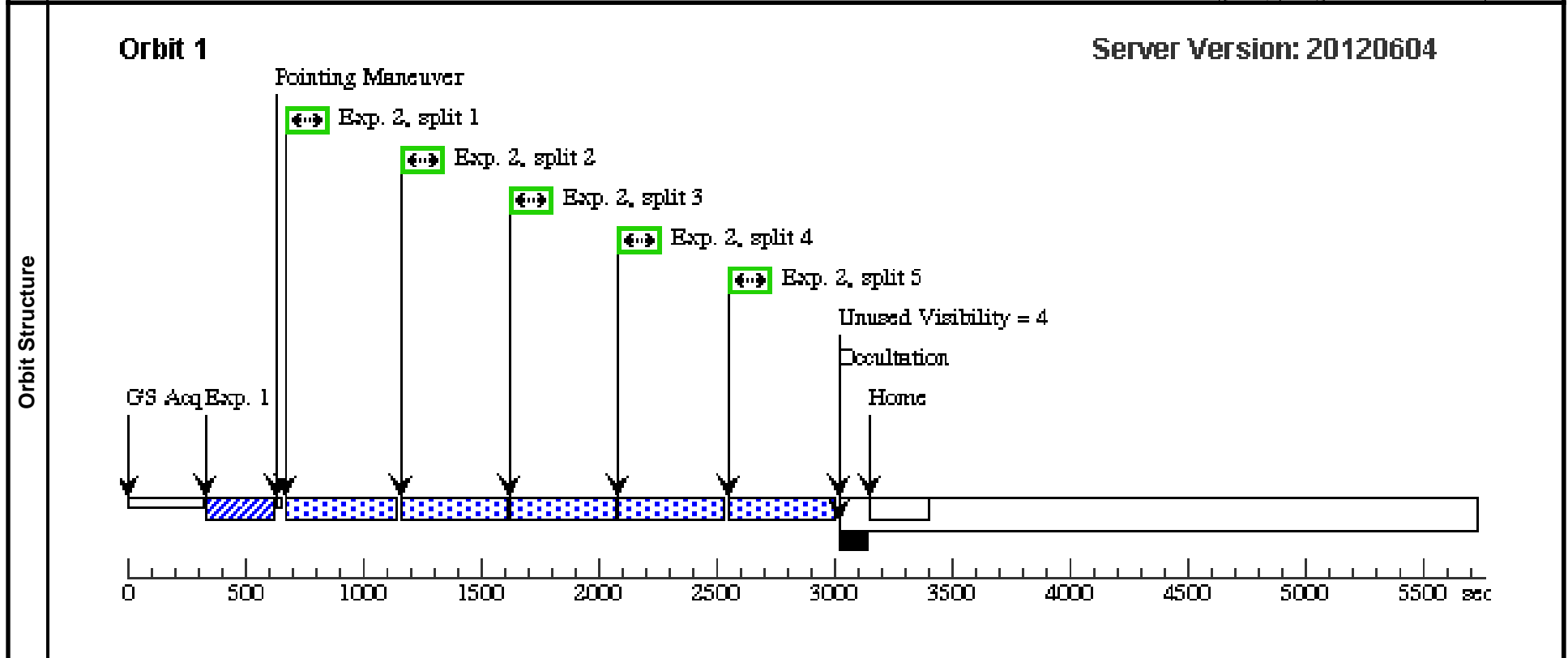
Proposal 12998 - Visit 02 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Wed Jul 11 04:47:29 GMT 2012

Visit	Proposal 12998, Visit 02				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/CCD				
	Special Requirements: SCHED 100%; ORIENT 30D TO 40D FROM 01; AFTER 01 BY 0.8 Orbits TO 1.2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-111520	RA: 12 50 19.7173 (192.5821554d)	Proper Motion RA: -36.61 mas/yr	V=8.88	Reference Frame: ICRS
		Alt Name1: HIP-62657	Dec: -49 51 48.96 (-49.86360d)	Proper Motion Dec: -16.47 mas/yr	Epoch of Position: 2000	

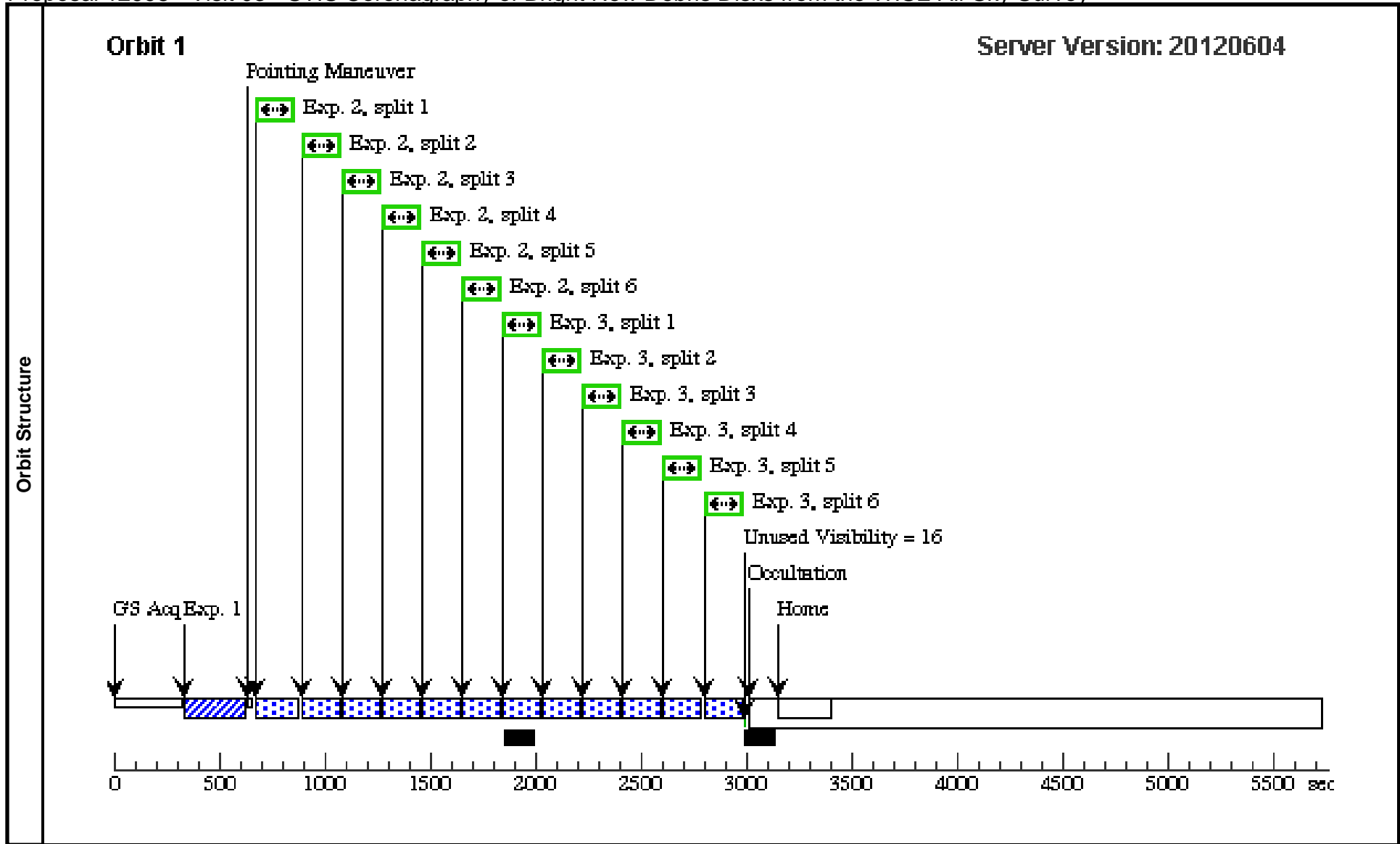
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) HD-111520	STIS/CCD, ACQ, F25ND3	MIRROR				0.5 Secs [==>]	[1]
	2		(1) HD-111520	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=5; GAIN=4			2095 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]



Proposal 12998 - Visit 03 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Wed Jul 11 04:47:30 GMT 2012

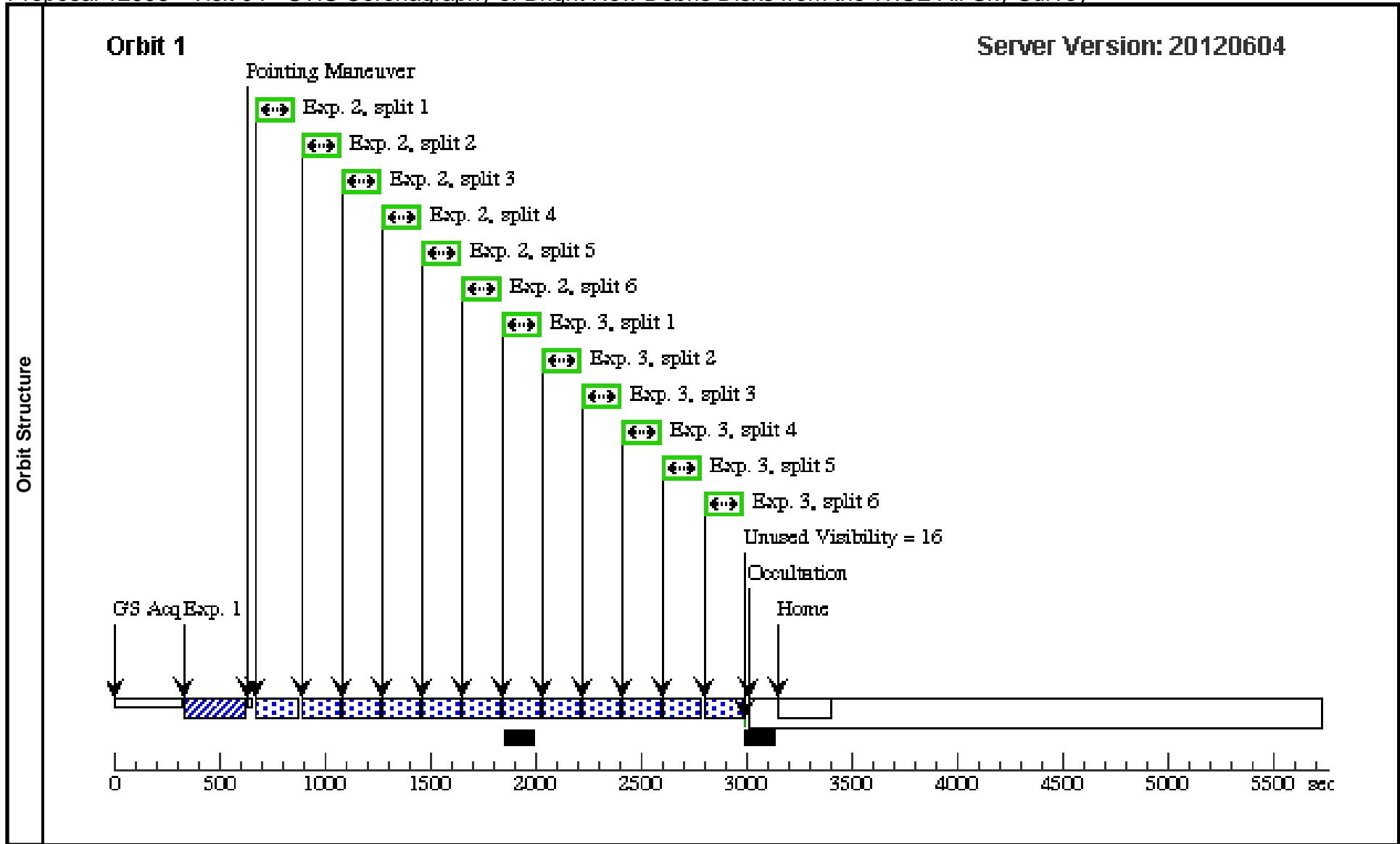
Visit	Proposal 12998, Visit 03 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	HD-223408 Alt Name1: HIP-117481	RA: 23 49 19.5261 (357.3313588d) Dec: -27 51 15.33 (-27.85426d) Equinox: J2000	Proper Motion RA: -74.52 mas/yr Proper Motion Dec: -51.74 mas/yr Epoch of Position: 2000	V=6.96	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) HD-223408	STIS/CCD, ACQ, F25ND3	MIRROR					0.5 Secs [==>]	[1]
2	(2) HD-223408	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				882 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]	
3	(2) HD-223408	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				882 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]	



Proposal 12998 - Visit 04 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Wed Jul 11 04:47:31 GMT 2012

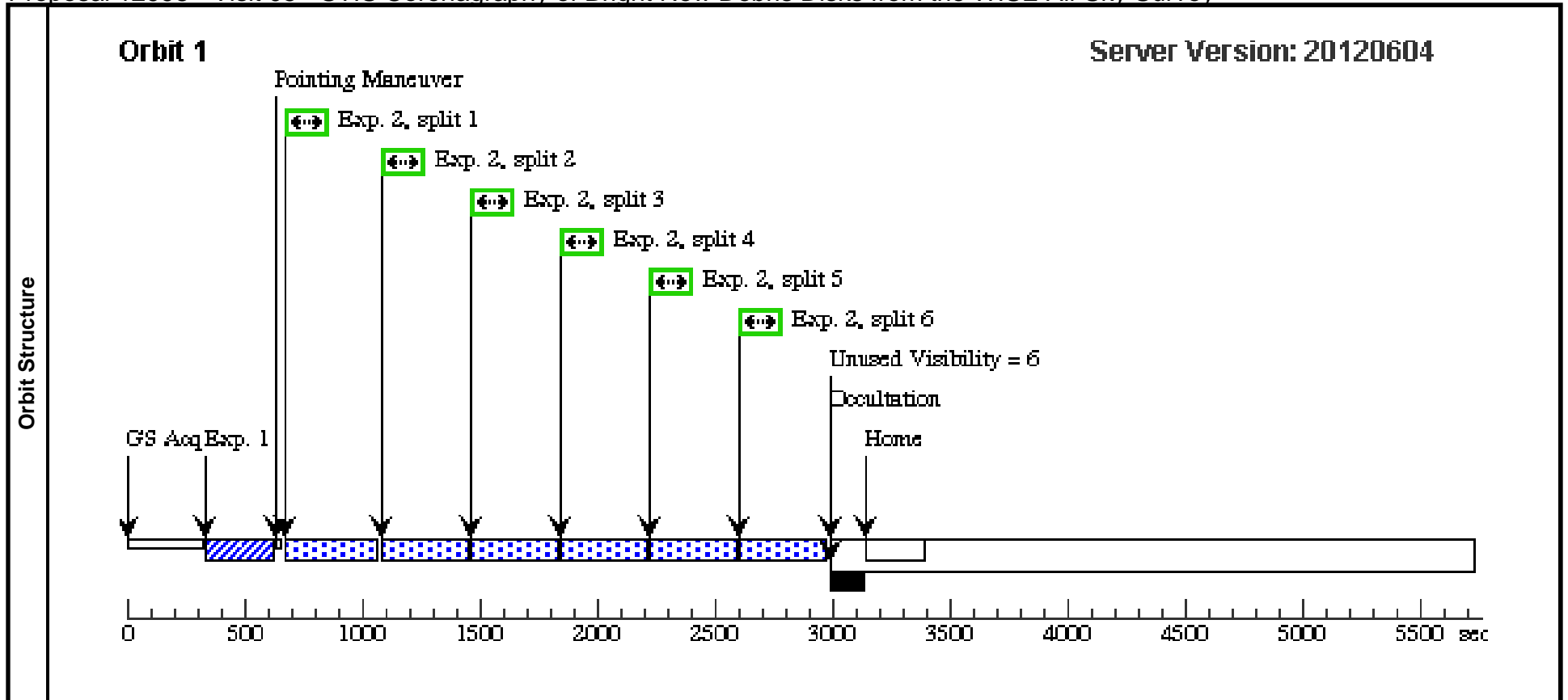
Visit	Proposal 12998, Visit 04 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; ORIENT 30D TO 40D FROM 03; AFTER 03 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	HD-223408 Alt Name1: HIP-117481	RA: 23 49 19.5261 (357.3313588d) Dec: -27 51 15.33 (-27.85426d) Equinox: J2000	Proper Motion RA: -74.52 mas/yr Proper Motion Dec: -51.74 mas/yr Epoch of Position: 2000	V=6.96	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) HD-223408	STIS/CCD, ACQ, F25ND3	MIRROR					0.5 Secs [==>]	[1]
	2	(2) HD-223408	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				882 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	3	(2) HD-223408	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				882 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]



Proposal 12998 - Visit 05 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Wed Jul 11 04:47:32 GMT 2012

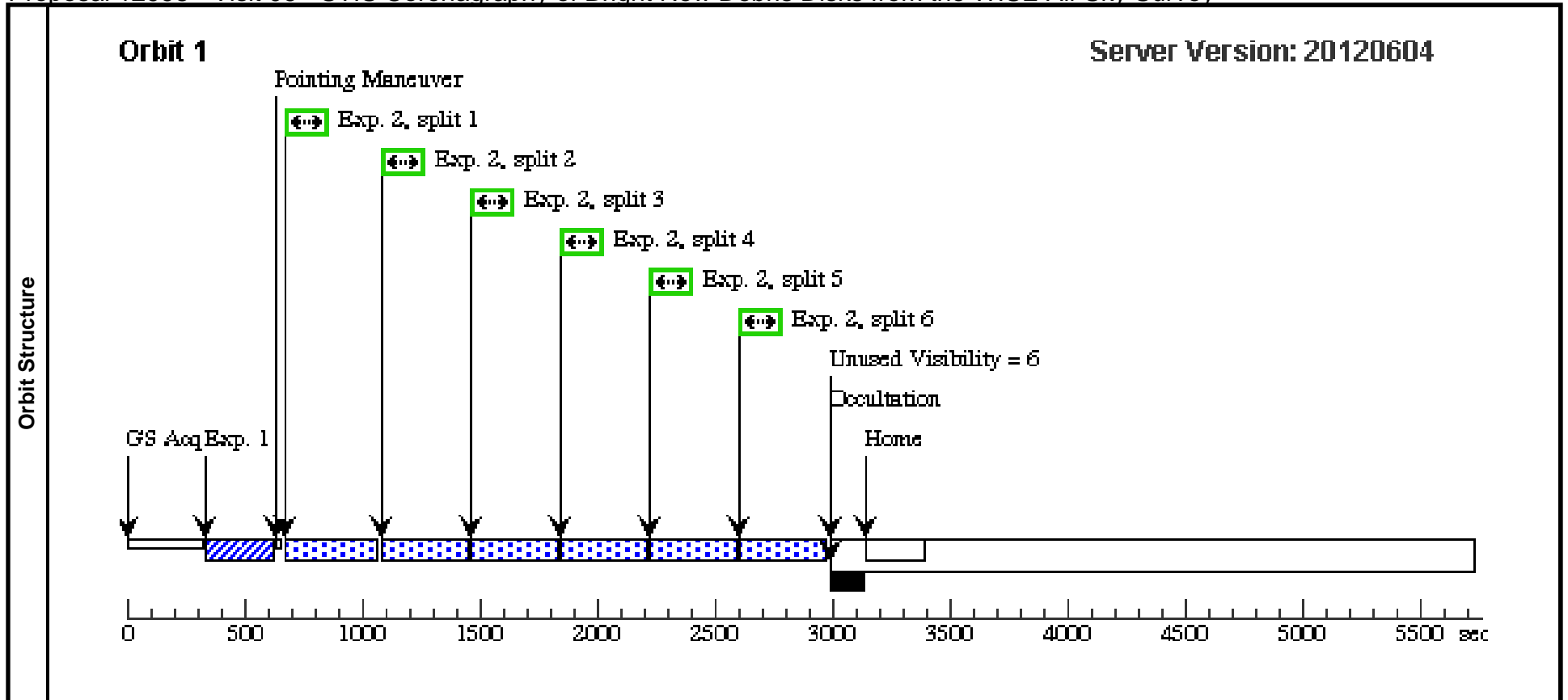
Visit	Proposal 12998, Visit 05 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	HD-141133 Alt Name1: HIP-77441	RA: 15 48 30.4887 (237.1270362d) Dec: -32 05 11.59 (-32.08655d) Equinox: J2000	Proper Motion RA: -33.06 mas/yr Proper Motion Dec: -30.98 mas/yr Epoch of Position: 2000	V=8.17	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) HD-141133	STIS/CCD, ACQ, F25ND3	MIRROR				0.5 Secs [==>]	[1]
	2		(3) HD-141133	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4			2022 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]



Proposal 12998 - Visit 06 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Wed Jul 11 04:47:33 GMT 2012

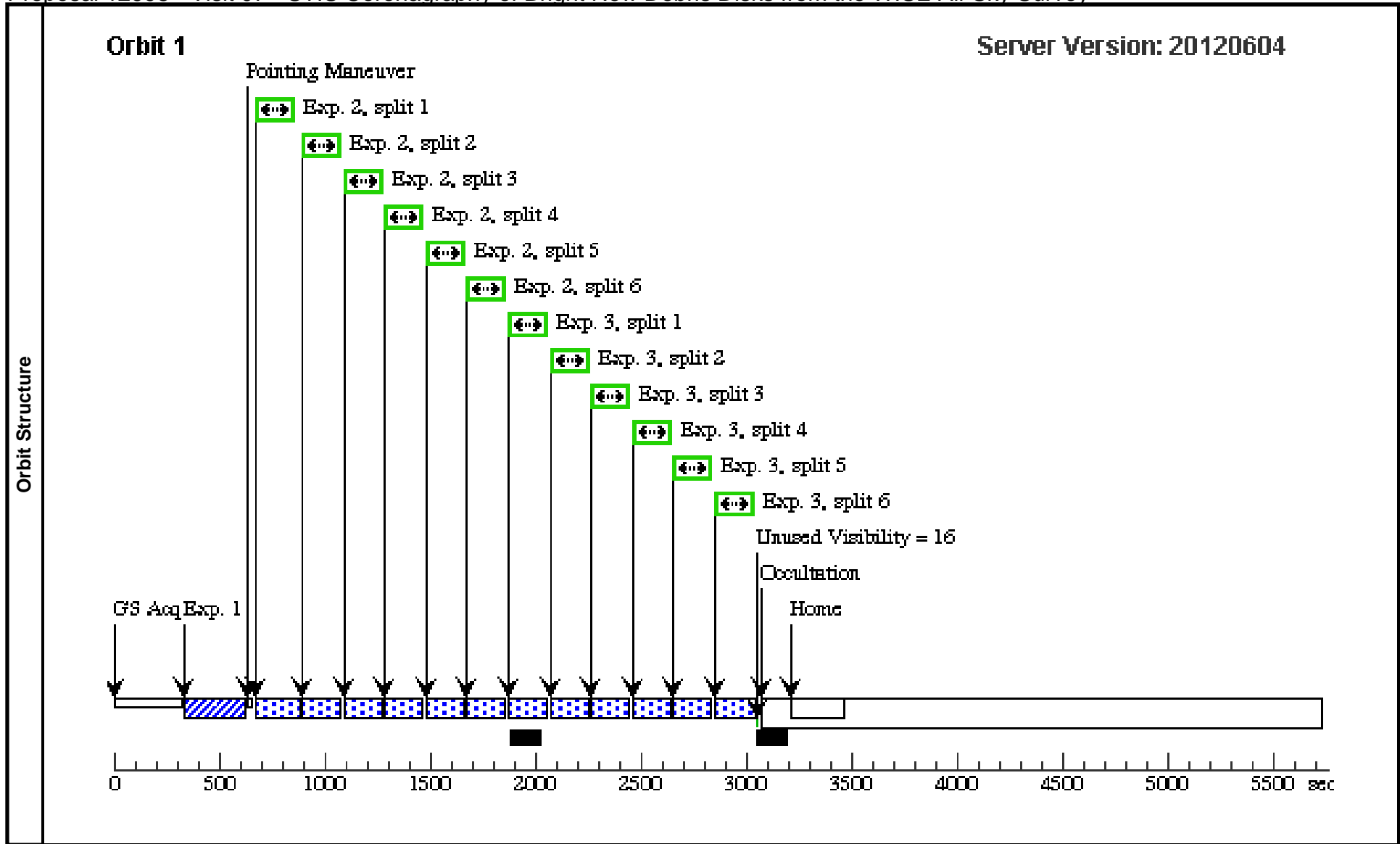
Visit	Proposal 12998, Visit 06 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; ORIENT 30D TO 40D FROM 05; AFTER 05 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(3)	HD-141133 Alt Name1: HIP-77441	RA: 15 48 30.4887 (237.1270362d) Dec: -32 05 11.59 (-32.08655d) Equinox: J2000	Proper Motion RA: -33.06 mas/yr Proper Motion Dec: -30.98 mas/yr Epoch of Position: 2000	V=8.17	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) HD-141133	STIS/CCD, ACQ, F25ND3	MIRROR				0.5 Secs [==>]	[1]
	2		(3) HD-141133	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4			2022 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]



Proposal 12998 - Visit 07 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Wed Jul 11 04:47:34 GMT 2012

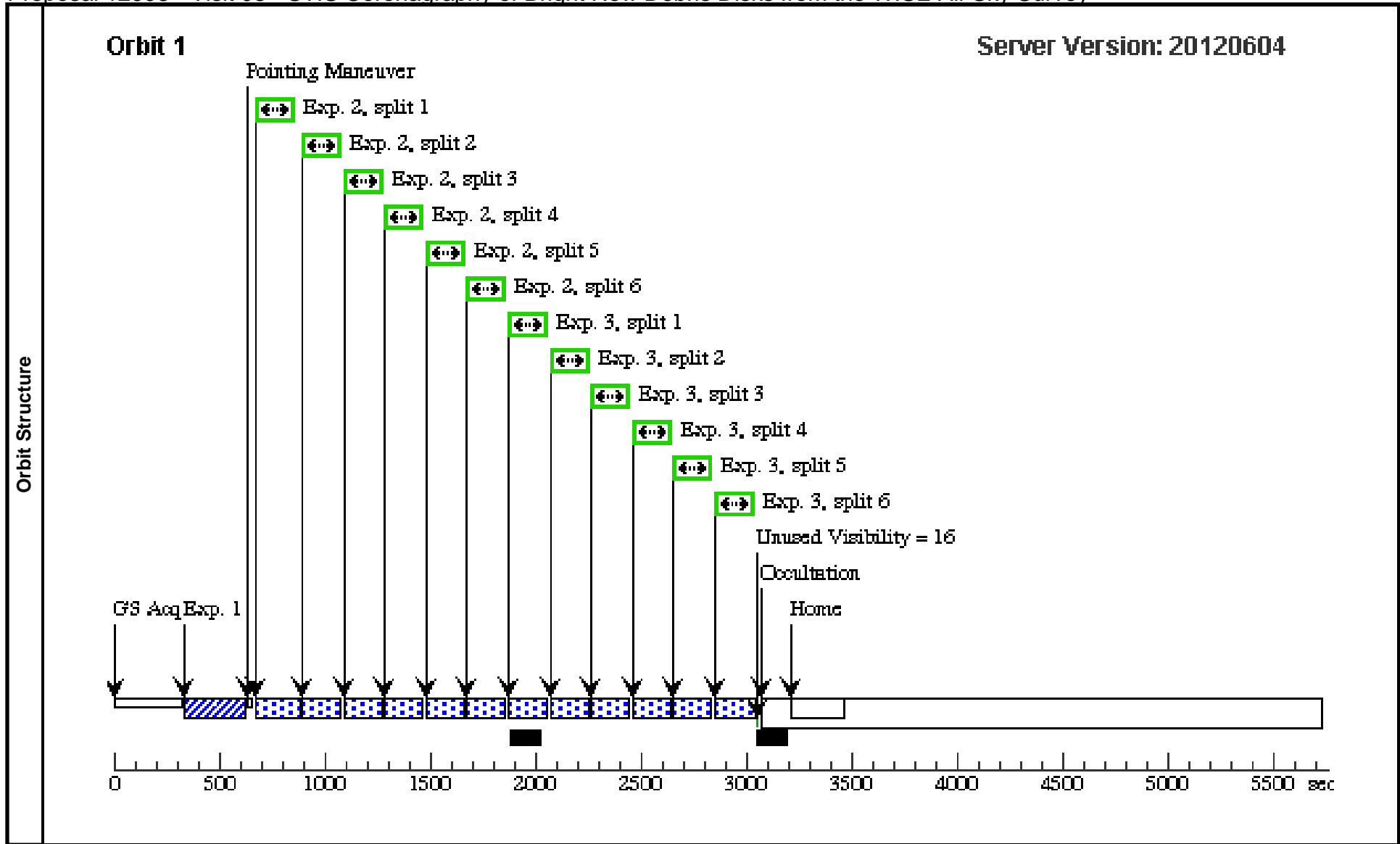
Visit	Proposal 12998, Visit 07 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	HD-94131 Alt Name1: HIP-52947	RA: 10 49 41.9967 (162.4249863d) Dec: -71 39 14.97 (-71.65416d) Equinox: J2000	Proper Motion RA: -68.57 mas/yr Proper Motion Dec: 19.57 mas/yr Epoch of Position: 2000	V=7.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(4) HD-94131	STIS/CCD, ACQ, F25ND3	MIRROR					0.5 Secs [==>]	[1]
	2	(4) HD-94131	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				912 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]
	3	(4) HD-94131	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				912 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]



Proposal 12998 - Visit 08 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Wed Jul 11 04:47:35 GMT 2012

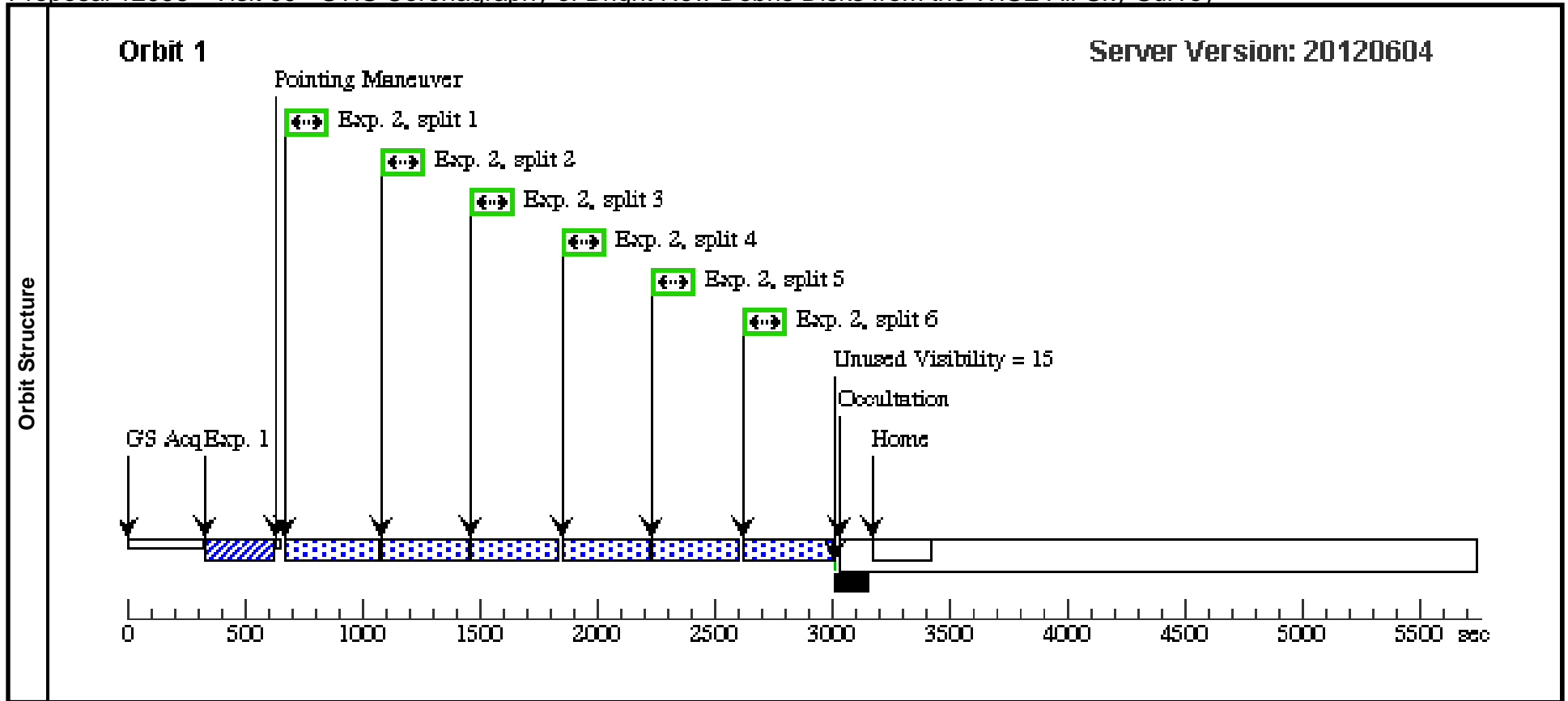
Visit	Proposal 12998, Visit 08 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; ORIENT 30D TO 40D FROM 07; AFTER 07 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	HD-94131 Alt Name1: HIP-52947	RA: 10 49 41.9967 (162.4249863d) Dec: -71 39 14.97 (-71.65416d) Equinox: J2000	Proper Motion RA: -68.57 mas/yr Proper Motion Dec: 19.57 mas/yr Epoch of Position: 2000	V=7.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(4) HD-94131	STIS/CCD, ACQ, F25ND3	MIRROR					0.5 Secs [==>]	[1]
2	(4) HD-94131	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				912 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]	
3	(4) HD-94131	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				912 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]	



Proposal 12998 - Visit 09 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Wed Jul 11 04:47:36 GMT 2012

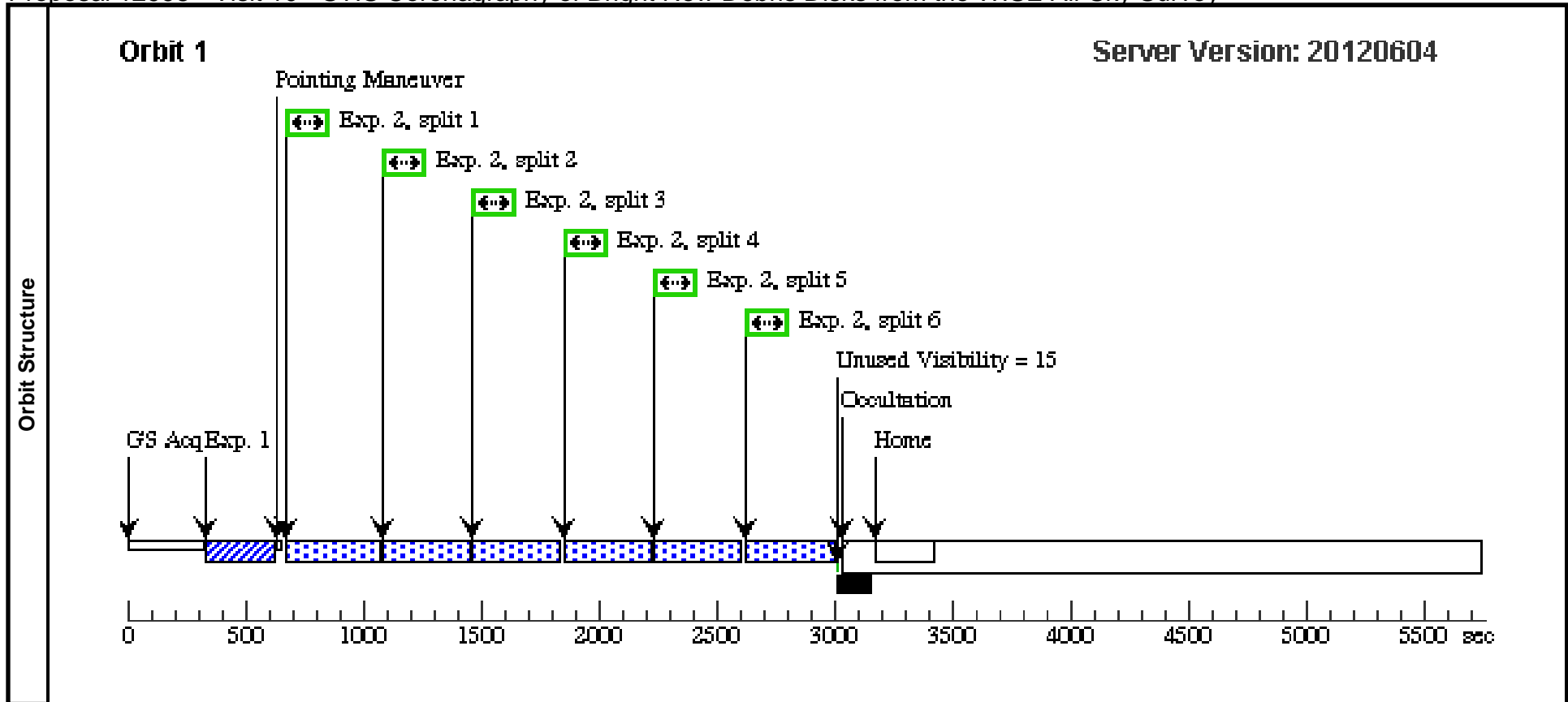
Visit	Proposal 12998, Visit 09 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(5)	HD-120326 Alt Name1: HIP-67497	RA: 13 49 54.5030 (207.4770958d) Dec: -50 14 23.87 (-50.23996d) Equinox: J2000	Proper Motion RA: -29.34 mas/yr Proper Motion Dec: -20.63 mas/yr Epoch of Position: 2000	V=8.42	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) HD-120326	STIS/CCD, ACQ, F25ND3	MIRROR				0.5 Secs [==>]	[1]
2		(5) HD-120326	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4			2046 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]	



Proposal 12998 - Visit 10 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Wed Jul 11 04:47:37 GMT 2012

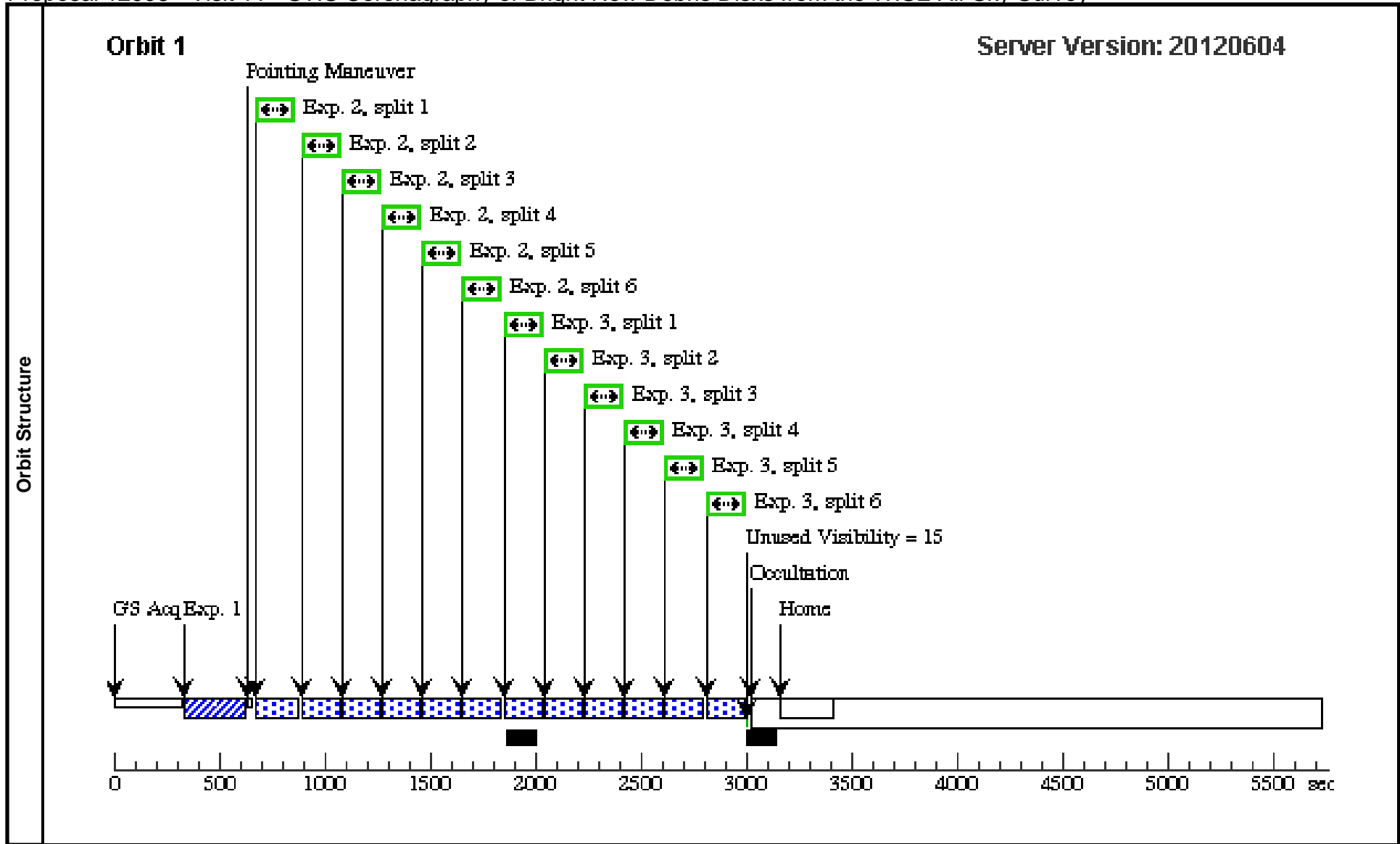
Visit	Proposal 12998, Visit 10 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; ORIENT 30D TO 40D FROM 09; AFTER 09 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(5)	HD-120326 Alt Name1: HIP-67497	RA: 13 49 54.5030 (207.4770958d) Dec: -50 14 23.87 (-50.23996d) Equinox: J2000	Proper Motion RA: -29.34 mas/yr Proper Motion Dec: -20.63 mas/yr Epoch of Position: 2000	V=8.42	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) HD-120326	STIS/CCD, ACQ, F25ND3	MIRROR				0.5 Secs [==>]	[1]
	2		(5) HD-120326	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4			2046 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]



Proposal 12998 - Visit 11 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Wed Jul 11 04:47:38 GMT 2012

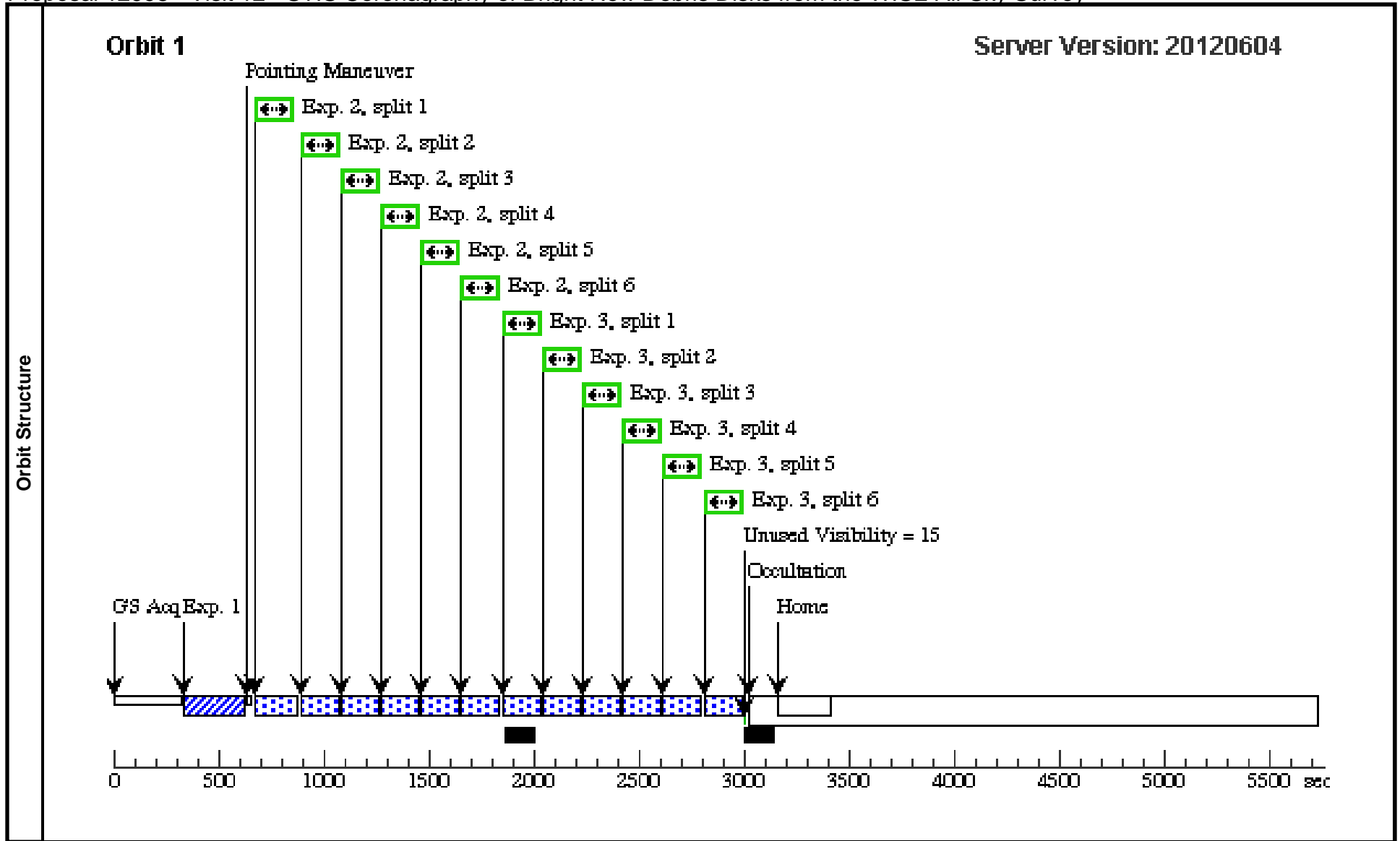
Visit	Proposal 12998, Visit 11 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(6)	HD-156623 Alt Name1: HIP-84881	RA: 17 20 50.6172 (260.2109050d) Dec: -45 25 15.00 (-45.42083d) Equinox: J2000	Proper Motion RA: -14.17 mas/yr Proper Motion Dec: -39.50 mas/yr Epoch of Position: 2000	V=7.26	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(6) HD-156623	STIS/CCD, ACQ, F25ND3	MIRROR					0.5 Secs [==>]	[1]
2	(6) HD-156623	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				888 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]	
3	(6) HD-156623	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				888 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]	



Proposal 12998 - Visit 12 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Wed Jul 11 04:47:39 GMT 2012

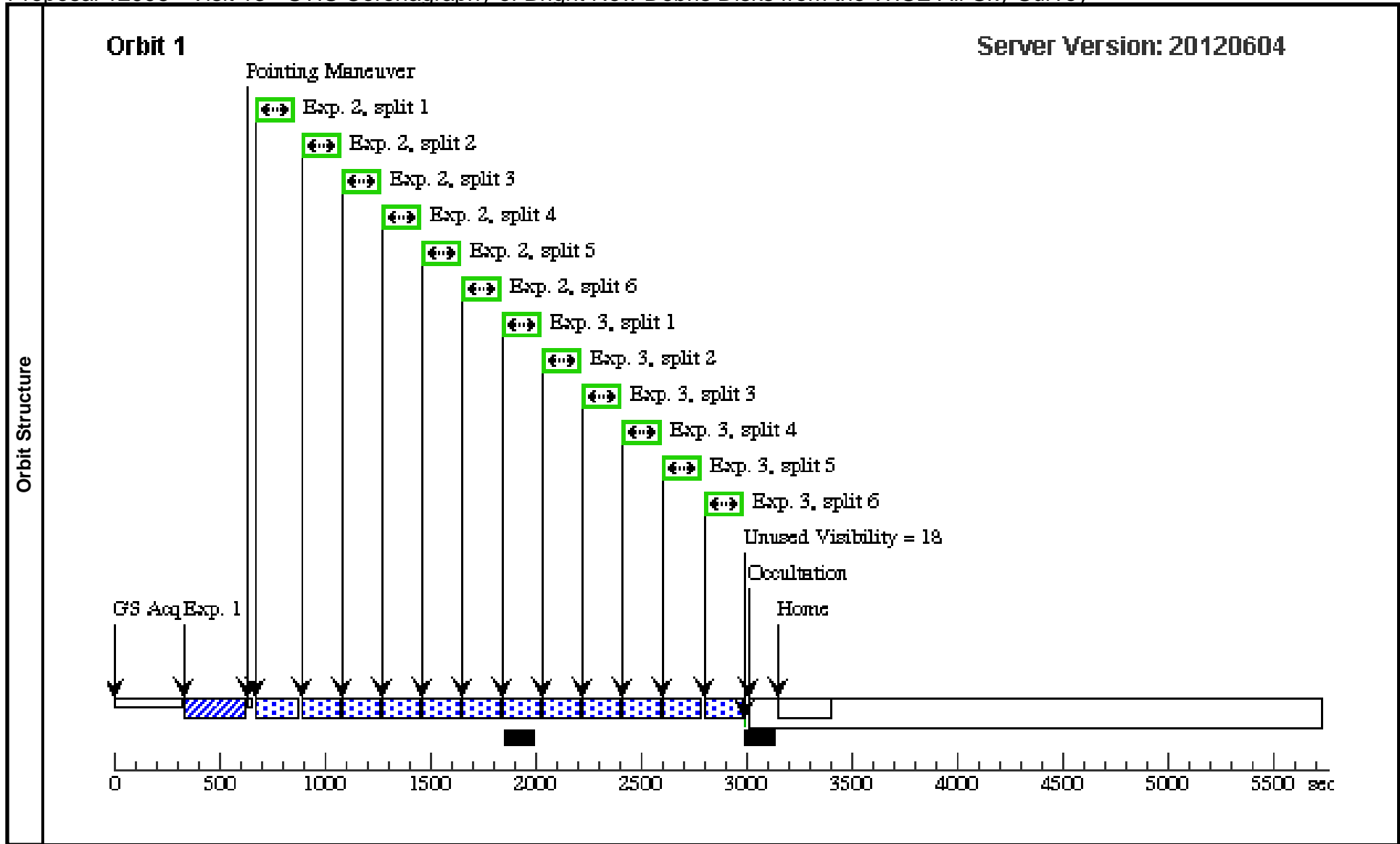
Visit	Proposal 12998, Visit 12 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; ORIENT 30D TO 40D FROM 11; AFTER 11 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(6)	HD-156623 Alt Name1: HIP-84881	RA: 17 20 50.6172 (260.2109050d) Dec: -45 25 15.00 (-45.42083d) Equinox: J2000	Proper Motion RA: -14.17 mas/yr Proper Motion Dec: -39.50 mas/yr Epoch of Position: 2000	V=7.26	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(6) HD-156623	STIS/CCD, ACQ, F25ND3	MIRROR					0.5 Secs [==>]	[1]
2	(6) HD-156623	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				888 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]	
3	(6) HD-156623	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				888 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]	



Proposal 12998 - Visit 13 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Wed Jul 11 04:47:40 GMT 2012

Visit	Proposal 12998, Visit 13 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(7)	HD-36546 Alt Name1: HIP-26062	RA: 05 33 30.7600 (83.3781667d) Dec: +24 37 43.72 (24.62881d) Equinox: J2000	Proper Motion RA: 9.20 mas/yr Proper Motion Dec: -41.76 mas/yr Epoch of Position: 2000	V=6.9	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(7) HD-36546	STIS/CCD, ACQ, F25ND3	MIRROR					0.5 Secs [==>]	[1]
2	(7) HD-36546	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				882 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]	
3	(7) HD-36546	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				882 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]	



Proposal 12998 - Visit 14 - STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey

Wed Jul 11 04:47:41 GMT 2012

Visit	Proposal 12998, Visit 14 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; ORIENT 30D TO 40D FROM 13; AFTER 13 BY 0.8 Orbits TO 1.2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(7)	HD-36546 Alt Name1: HIP-26062	RA: 05 33 30.7600 (83.3781667d) Dec: +24 37 43.72 (24.62881d) Equinox: J2000	Proper Motion RA: 9.20 mas/yr Proper Motion Dec: -41.76 mas/yr Epoch of Position: 2000	V=6.9	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(7) HD-36546	STIS/CCD, ACQ, F25ND3	MIRROR					0.5 Secs [==>]	[1]
2	(7) HD-36546	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				882 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]	
3	(7) HD-36546	STIS/CCD, ACCUM, WEDGEA1.0	MIRROR	CR-SPLIT=6; GAIN=4				882 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)] [==>(Split 6)]	[1]	

