



10540 - Imaging Nearby Dusty Disks

Cycle: 14, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Alycia J. Weinberger (PI)	Carnegie Institution of Washington	weinberger@dtm.ciw.edu
Prof. Eric E. Becklin (CoI)	University of California - Los Angeles	becklin@astro.ucla.edu
Dr. Ben M. Zuckerman (CoI)	University of California - Los Angeles	ben@astro.ucla.edu
Dr. Inseok Song (CoI)	Gemini Observatory, Northern Operations	song@gemini.edu

VISITS

<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) HD10472	NIC2	1	22-Mar-2006 23:30:55.0	yes
02	(2) HD7858	NIC2	1	22-Mar-2006 23:31:00.0	yes
03	(1) HD10472	NIC2	1	22-Mar-2006 23:31:04.0	yes
05	(3) HD15115	NIC2	1	22-Mar-2006 23:31:07.0	yes
06	(4) HD16647	NIC2	1	22-Mar-2006 23:31:10.0	yes
07	(3) HD15115	NIC2	1	22-Mar-2006 23:31:12.0	yes
09	(5) HD164330	NIC2	1	22-Mar-2006 23:31:15.0	yes
10	(6) HD166578	NIC2	1	22-Mar-2006 23:31:23.0	yes
11	(5) HD164330	NIC2	1	22-Mar-2006 23:31:26.0	yes

Proposal 10540 - 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>
13	(7) HD170773	NIC2	1	22-Mar-2006 23:31:29.0	yes
14	(8) HD192886	NIC2	1	22-Mar-2006 23:31:32.0	yes
15	(7) HD170773	NIC2	1	22-Mar-2006 23:31:36.0	yes
17	(9) HD53842	NIC2	1	22-Mar-2006 23:31:39.0	yes
18	(10) HD58805	NIC2	1	22-Mar-2006 23:31:42.0	yes
19	(9) HD53842	NIC2	1	22-Mar-2006 23:31:46.0	yes

15 Total Orbits Used

ABSTRACT

Images of circumstellar debris disks around young stars display complex structures that suggest they harbor forming planets. Disks around stars of nearly the same age and mass show dramatically different morphologies including rings with brightness asymmetries and multiple warps. The reasons for this heterogeneity are not understood, nor given the small sample of imaged disks, can we be sure we have yet observed all possible outcomes of the planet formation process. Disk imaging programs have demonstrated that the Hubble Space Telescope is the only excellent platform for the high-contrast detection of scattered light disks in the presence of their bright parent stars. Therefore, we propose a NICMOS imaging survey of the nearest, youngest, stars to Earth with substantial disks known from infrared excess emission.

OBSERVING DESCRIPTION

Integration Times: The NICMOS multiaccum naturally accomplishes a large dynamic range. We use STEP32, NSAMP up to 15 in order to be consistent with other programs and ease calibration.

PSF Subtraction: We proposed to make observations of each disk at two telescope orientations. This procedure distinguishes real disk structure from optical artifacts because the disk appears to rotate about the occulted star while the instrumental ``features" stay fixed to the detector. For the present

Proposal 10540 - Overview

project, we propose a sequence of observations just like what the ACS GTO team is doing: observe the disk at one telescope orientation (1 orbit), PSF (1 orbit), disk at orientation 30 deg from the first (1 orbit); these are done in three sequential orbits to minimize telescope thermal changes.

Photometric Calibration: We propose to use a single acquisition filter, F190N, for both objects and PSFs. According to the ETC, our stars will not saturate in this filter in the minimum integration time. Since our PSFs are very close, if not identical, in spectral type to our objects, the flux ratios at F110W should be identical to those at F190N. This will minimize uncertainties in the final disk photometry.

PSF Selection: For each object, we have selected PSFs that are close on the sky, the same spectral type, are brighter, and are not known binaries.

ADDITIONAL COMMENTS

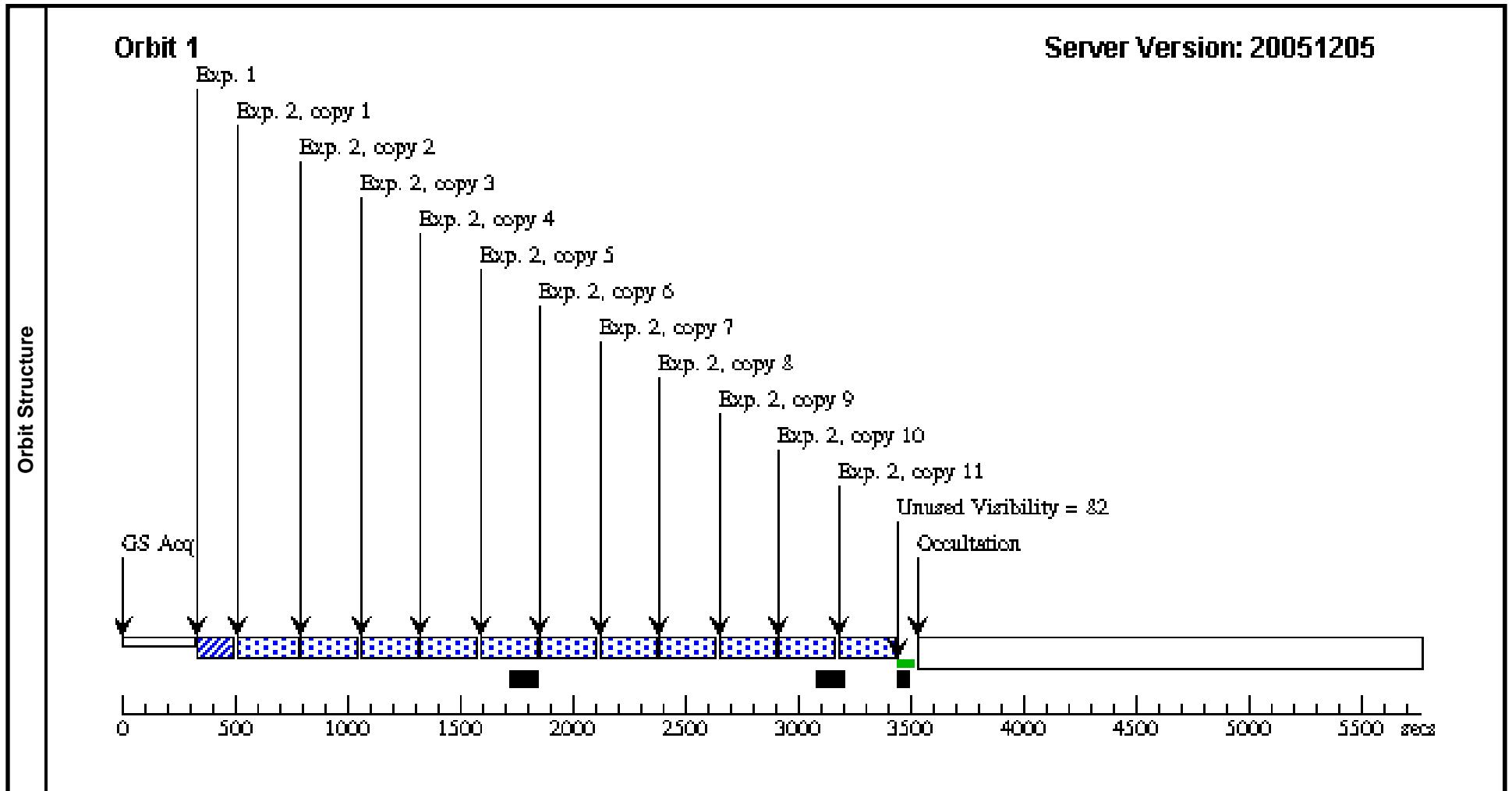
Plan windows: Because of the three back-to-back orbit sequencing requirements combined with the need for a 30 deg roll, our plan windows are very short. Please advise if any of them have scheduling problems.

Target coordinates taken from Hipparcos because all of the objects are too bright for good GSC positions.

Proposal 10540 - Visit 01 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:47 GMT 2006

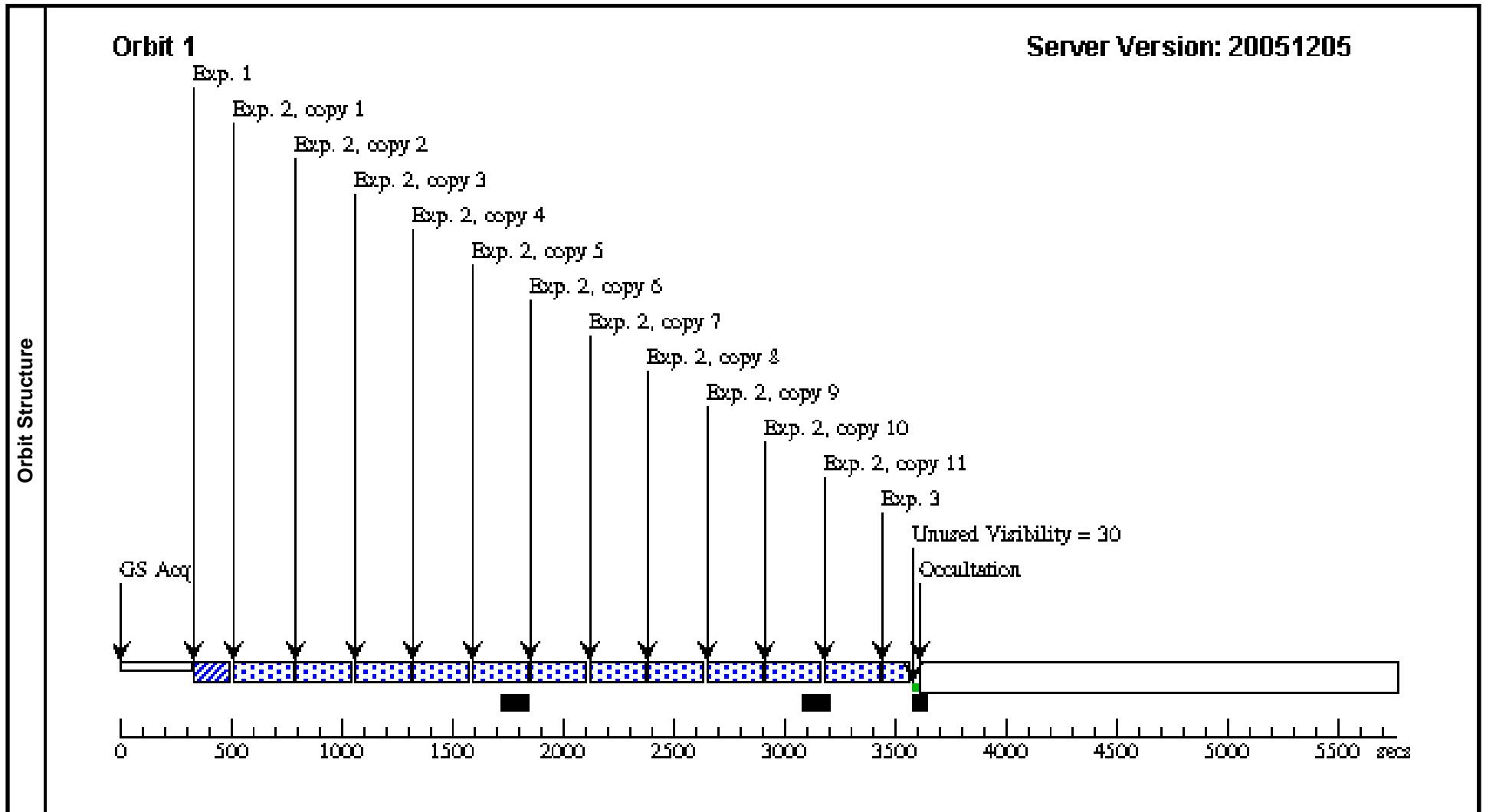
Visit	Proposal 10540, Visit 01 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: ORIENT 28.9D TO 29.9D FROM 03; SEQ 01,02,03 WITHIN 2.5 Orbits Comments: 1st orientation of HD 10472 Group together with Visit 2 (PSF-HD7858) and Visit 3 (2nd orientation of HD 10472)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	HD10472 Alt Name1: HIP7805	RA: 01 40 23.9900 (25.0999583d) Dec: -60 59 56.50 (-60.99903d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.00847s/yr Proper Motion Dec: -0.01111"/yr Parallax: 0.01502" Epoch of Position: 1991.25	V=7.62+/-0.01 J=6.84	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HD 10472 A cq at F190N	(1) HD10472	NIC2, ACQ, NIC2-ACQ	F190N		GS ACQ SCENARI O BASE1TNS		1.67 Secs [==>]	[1]
	Comments: Should have ~74K e- in brightest pixel									
2	F110W mult iaccum	(1) HD10472	NIC2, MULTIACCUM, NIC2-CORON	F110W		NSAMP=15; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]
	Comments: total integration = 11 x 256s = 2816 s									



Proposal 10540 - Visit 02 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:48 GMT 2006

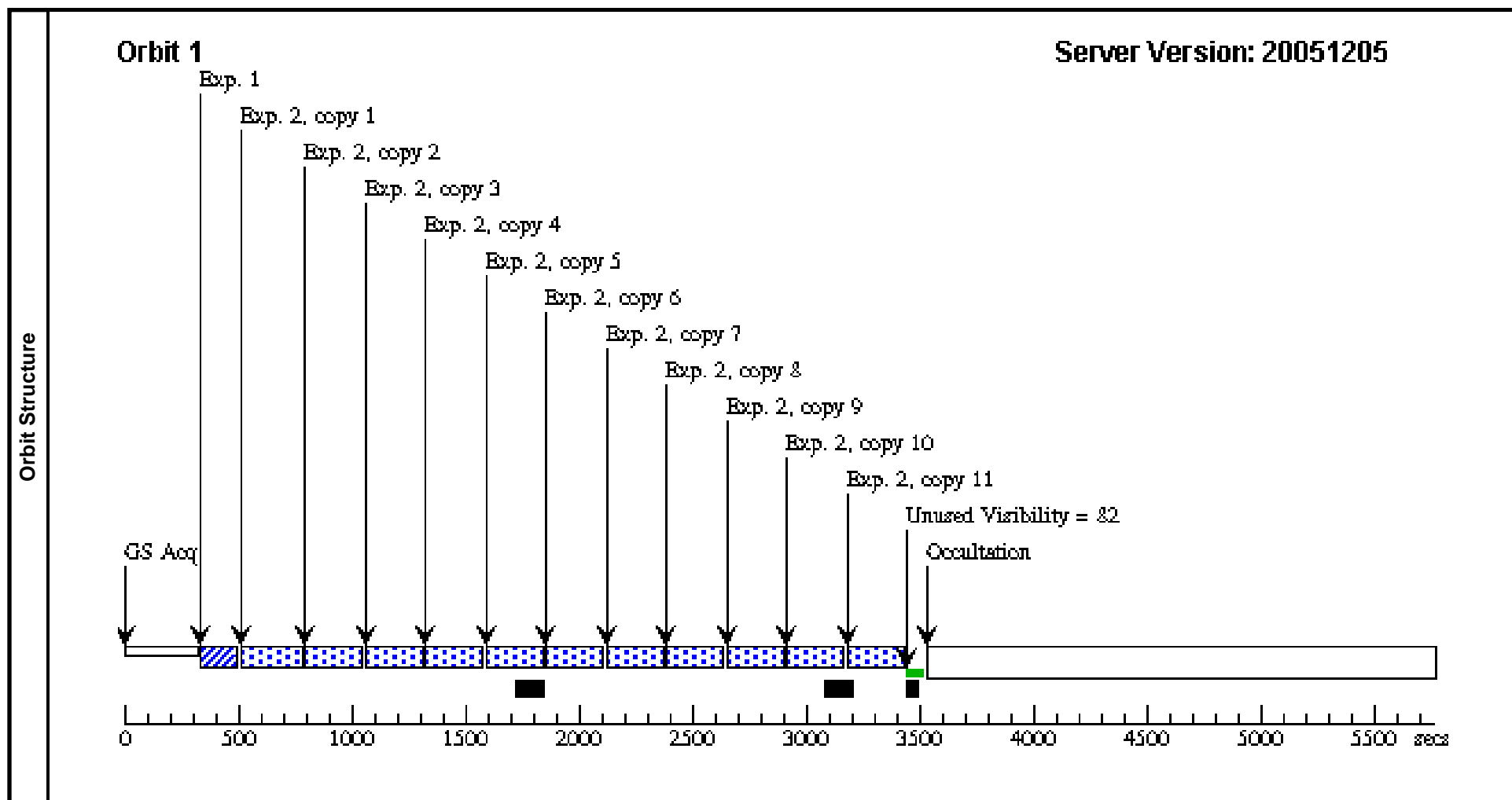
Visit	Proposal 10540, Visit 02 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	HD7858 Alt Name1: HIP5943	RA: 01 16 28.9000 (19.1204167d) Dec: -67 25 51.90 (-67.43108d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.0227s/yr Proper Motion Dec: 0.0244"/yr Parallax: 0.0168" Epoch of Position: 1991.25	V=6.91+/-0.01 J=6.18	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	<i>Comments: PSF for HD 10472</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HD 7858 (P SF) Acq at F 190N	(2) HD7858	NIC2, ACQ, NIC2-ACQ	F190N		GS ACQ SCENARI O BASE1TNS		0.92 Secs [==>]	[1]
	<i>Comments: Should get 73K e- in 0.92 s</i>									
	2	F110W mult iaccum	(2) HD7858	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=15; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]
	3	F110W mult iaccum	(2) HD7858	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=11; SAMP-SEQ=STEP3 2			[==>]	[1]



Proposal 10540 - Visit 03 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:49 GMT 2006

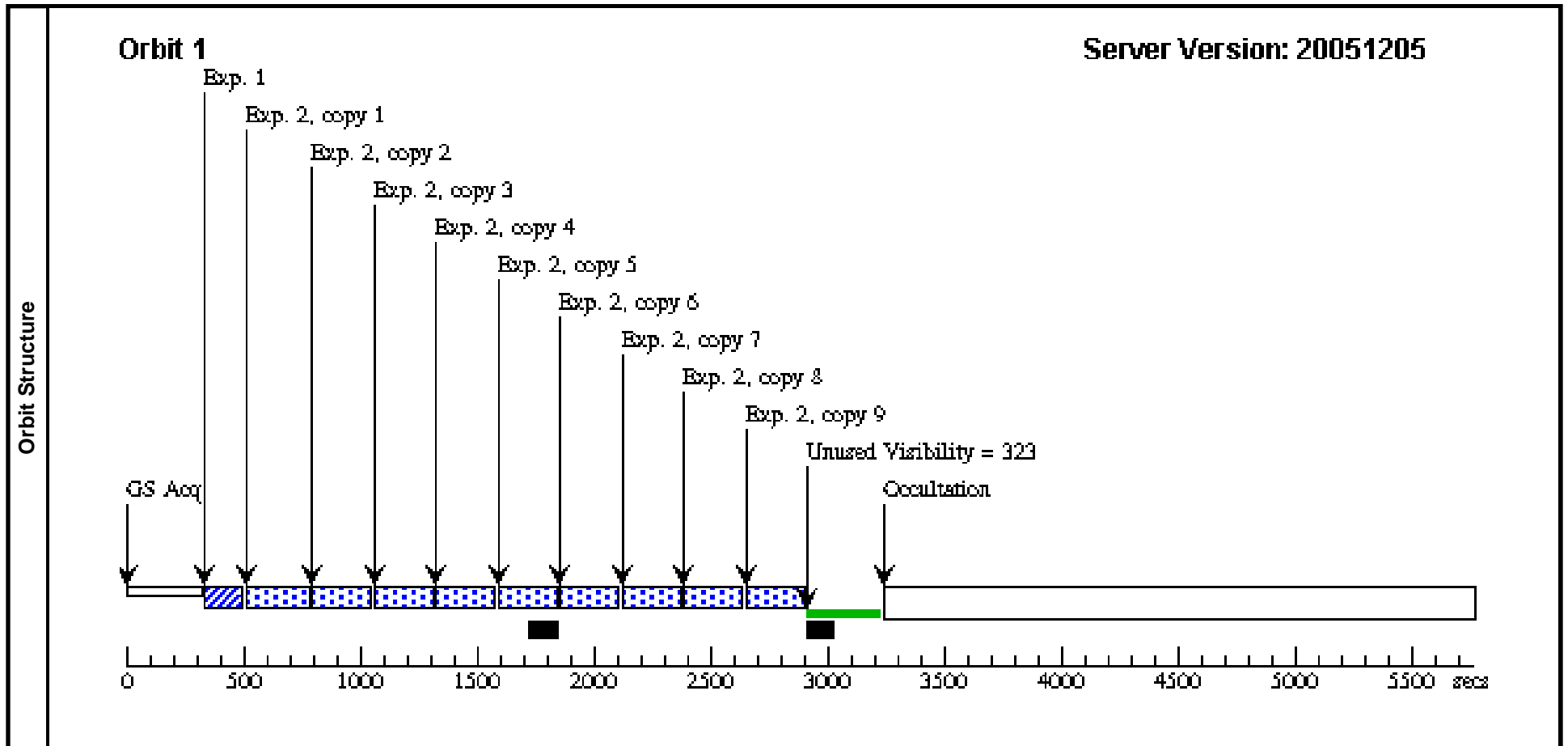
Visit	Proposal 10540, Visit 03 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	HD10472 Alt Name1: HIP7805	RA: 01 40 23.9900 (25.0999583d) Dec: -60 59 56.50 (-60.99903d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.00847s/yr Proper Motion Dec: -0.01111"/yr Parallax: 0.01502" Epoch of Position: 1991.25	V=7.62+/-0.01 J=6.84	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HD 10472 A cq at F190N	(1) HD10472	NIC2, ACQ, NIC2-ACQ	F190N		GS ACQ SCENARI O BASE1TNS		1.67 Secs [==>]	[1]
	2	F110W mult iaccum	(1) HD10472	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=15; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]



Proposal 10540 - Visit 05 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:49 GMT 2006

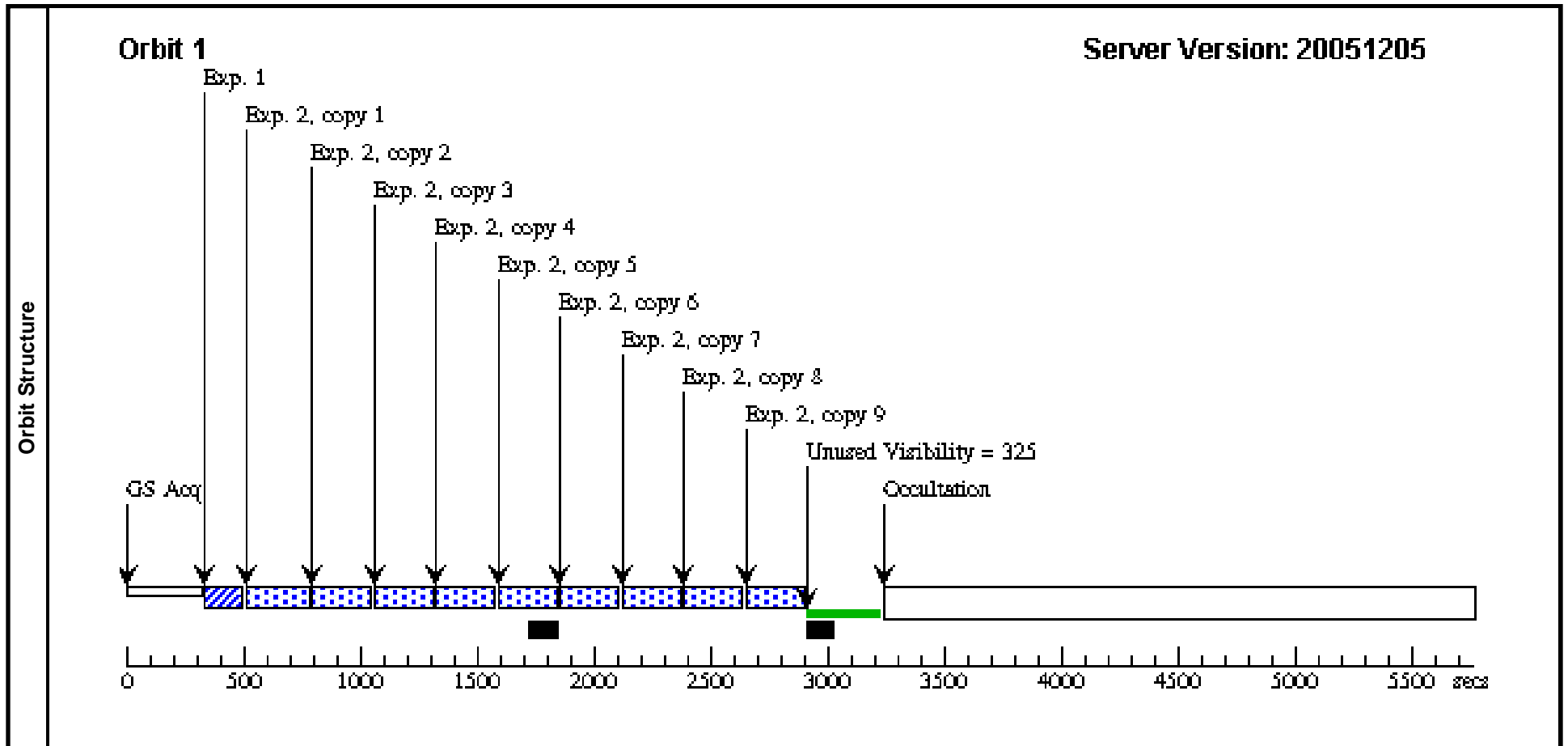
Visit	Proposal 10540, Visit 05 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: ORIENT 25.0D TO 30.0D FROM 07; SEQ 05,06,07 WITHIN 2.5 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	HD15115 Alt Name1: HIP11360	RA: 02 26 16.1900 (36.5674583d) Dec: +06 17 33.60 (6.29267d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.00577s/yr Proper Motion Dec: -0.05013"/yr Parallax: 0.02233" Epoch of Position: 1991.25	V=6.79+/-0.01 J=6.03	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HD 15115 A cq at F190N	(3) HD15115	NIC2, ACQ, NIC2-ACQ	F190N		GS ACQ SCENARI O BASE1TNS		1.059 Secs [==>]	[1]
<i>Comments: Should get 75.5K e- in 0.801 s on H=5.9 F2 21 Mar 2006 - Update Acq integration time with new ETC (error in QE fixed) - should get 74.5e- in 1.059 s</i>										
2	F110W mult iaccum	(3) HD15115	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=15; SAMP-SEQ=STEP3 2				[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[1]



Proposal 10540 - Visit 06 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:50 GMT 2006

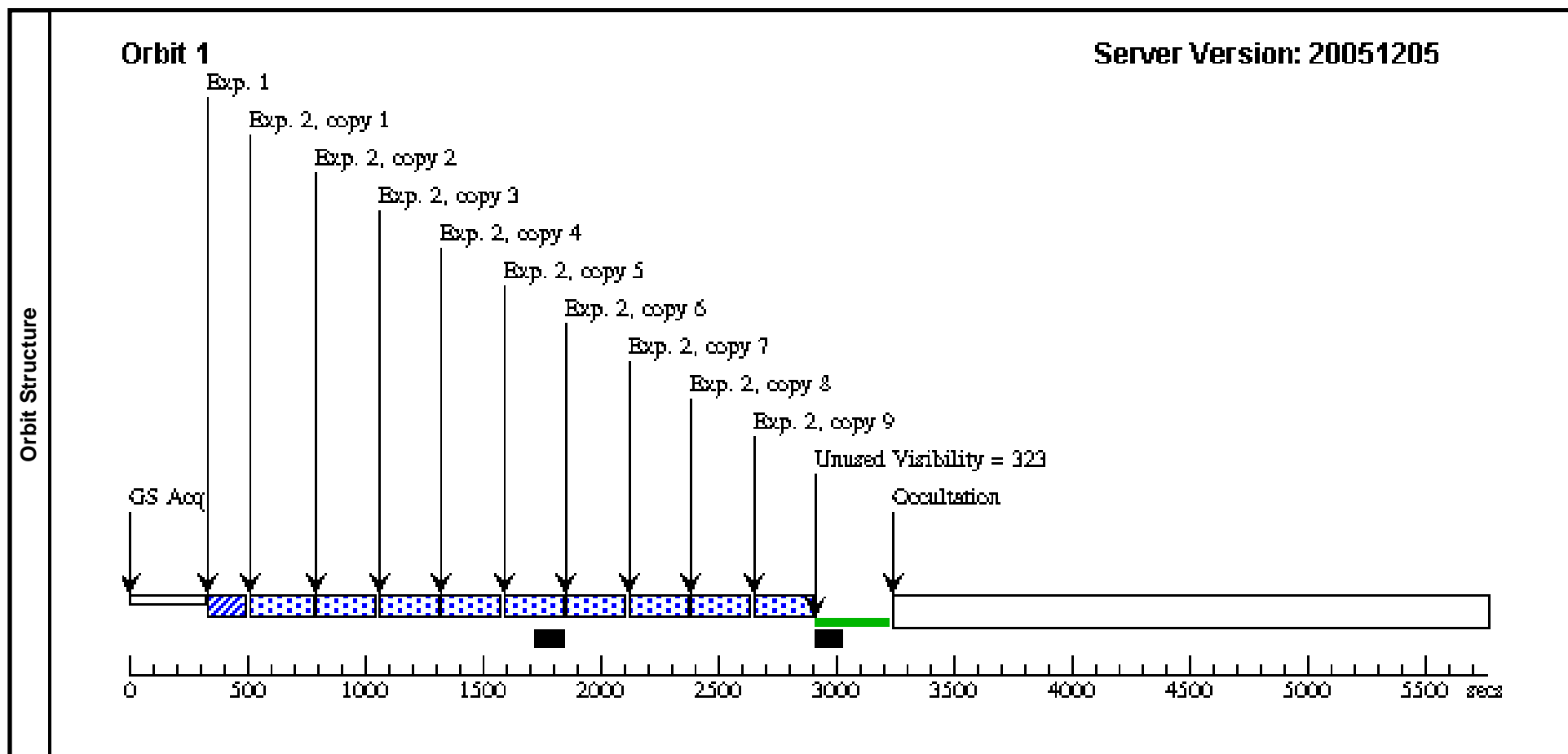
Visit	Proposal 10540, Visit 06 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous	
(4)		HD16647 Alt Name1: HIP12447	RA: 02 40 15.6600 (40.0652500d) Dec: +06 06 43.00 (6.11194d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.00345s/yr Proper Motion Dec: -0.00379"/yr Parallax: 0.02524" Epoch of Position: 1991.25		V=6.26 J=5.47		Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE		
	<i>Comments: PSF for HD 15115</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HD 16647 ((4) HD16647 PSF) Acq at F190N	(4) HD16647	NIC2, ACQ, NIC2-ACQ	F190N		GS ACQ SCENARI O BASE1TNS		0.622 Secs [==>]	[1]
	<i>Comments: Should get 76K e- in 0.478s on H=5.3 F3 21 Mar 2006 - Update Acq integration time with new ETC (error in QE fixed) - should get 73.5e- in 0.622 s</i>									
	2	F110W mult iaccum	(4) HD16647	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=15; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[1]



Proposal 10540 - Visit 07 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:50 GMT 2006

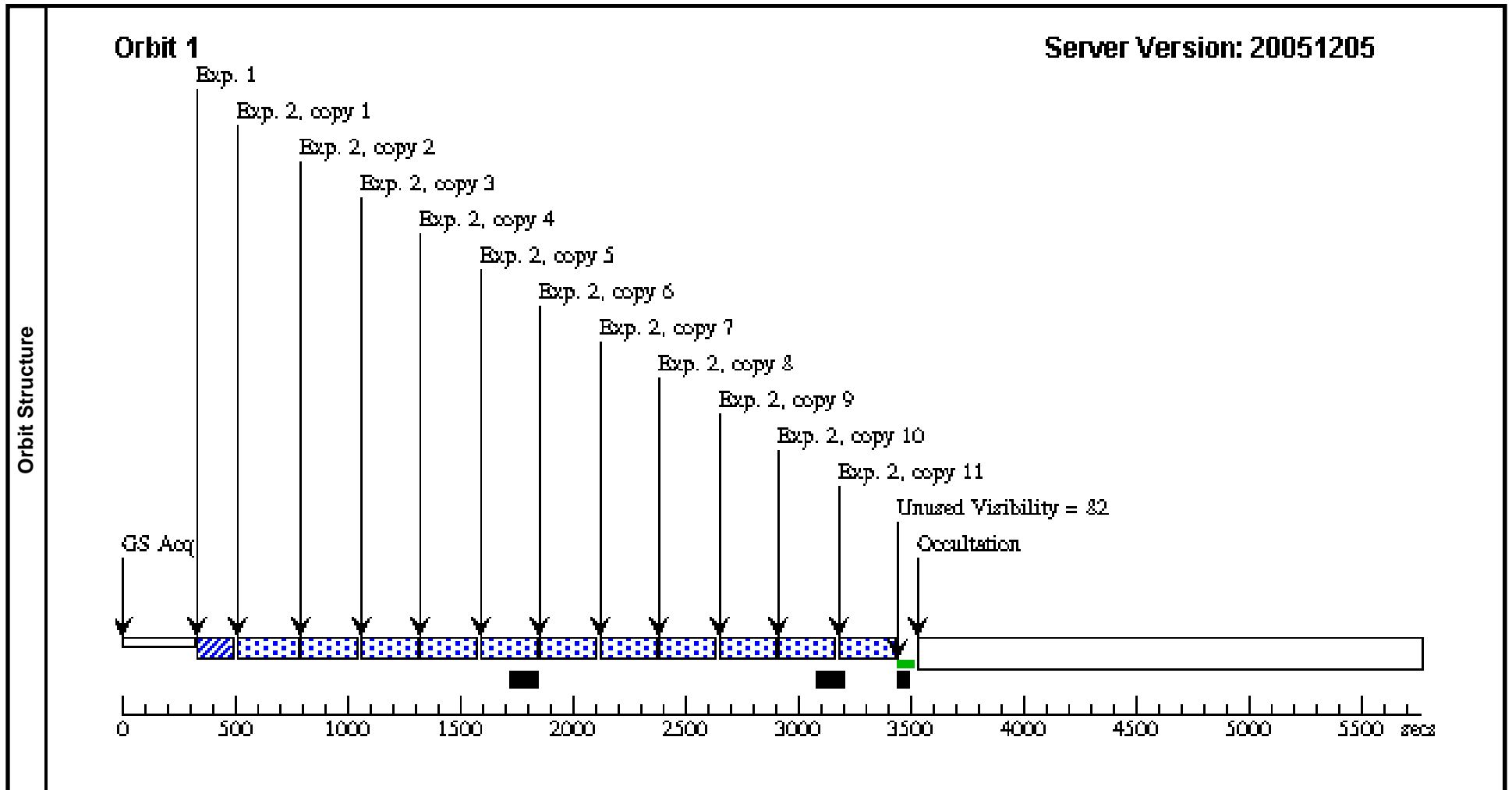
Visit		Proposal 10540, Visit 07 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(3)	HD15115 Alt Name1: HIP11360	RA: 02 26 16.1900 (36.5674583d) Dec: +06 17 33.60 (6.29267d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.00577s/yr Proper Motion Dec: -0.05013"/yr Parallax: 0.02233" Epoch of Position: 1991.25	V=6.79+/-0.01 J=6.03	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	HD 15115 A cq at F190N	(3) HD15115	NIC2, ACQ, NIC2-ACQ	F190N		GS ACQ SCENARI O BASE1TNS		1.059 Secs [==>]	[1]
		<i>Comments: Should get 75.5K e- in 0.801 s on H=5.9 F2 21 Mar 2006 - Update Acq integration time with new ETC (error in QE fixed) - should get 74.5e- in 1.059 s</i>									
		2	F110W mult iaccum	(3) HD15115	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=15; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[1]



Proposal 10540 - Visit 09 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:51 GMT 2006

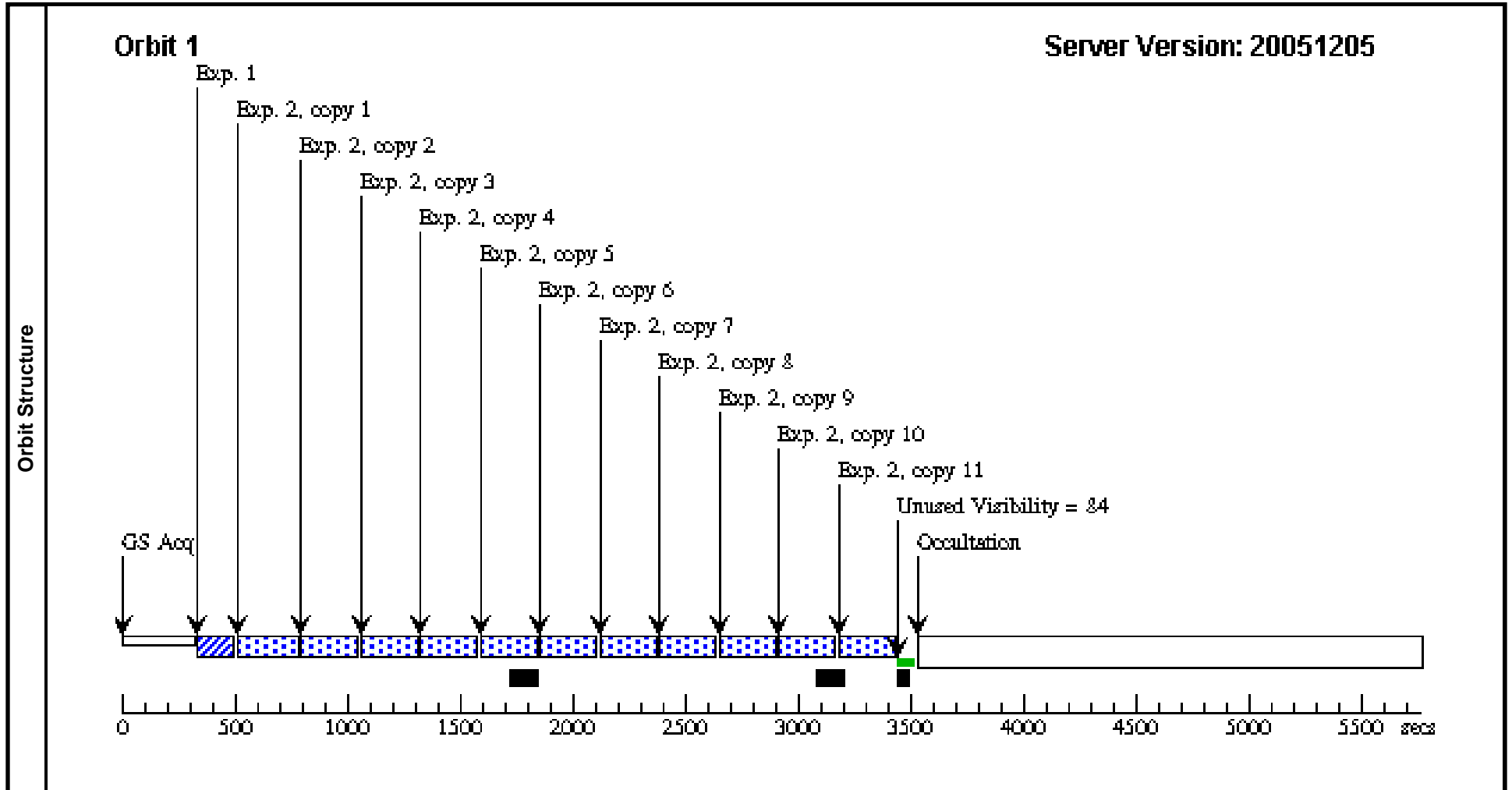
Visit	Proposal 10540, Visit 09 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: ORIENT 28.0D TO 29.9D FROM 11; SEQ 09,10,11 WITHIN 2.5 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(5)	HD164330 Alt Name1: HIP87815	RA: 17 56 20.1700 (269.0840417d) Dec: +62 36 35.40 (62.60983d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: -0.00756s/yr Proper Motion Dec: 0.10042"/yr Parallax: 0.012" Epoch of Position: 1991.25	V=7.72+/-0.01 J=6.54	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HD 164330 Acq at F190 N	(5) HD164330	NIC2, ACQ, NIC2-ACQ	F190N		GS ACQ SCENARI O BASE1TNS		1.54 Secs [==>]	[1]
<i>Comments: Should get 75K e- in 1.138 s on H=6.27 K0</i>										
2	F110W mult iaccum	(5) HD164330	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=15; SAMP-SEQ=STEP3 2				[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]



Proposal 10540 - Visit 10 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:51 GMT 2006

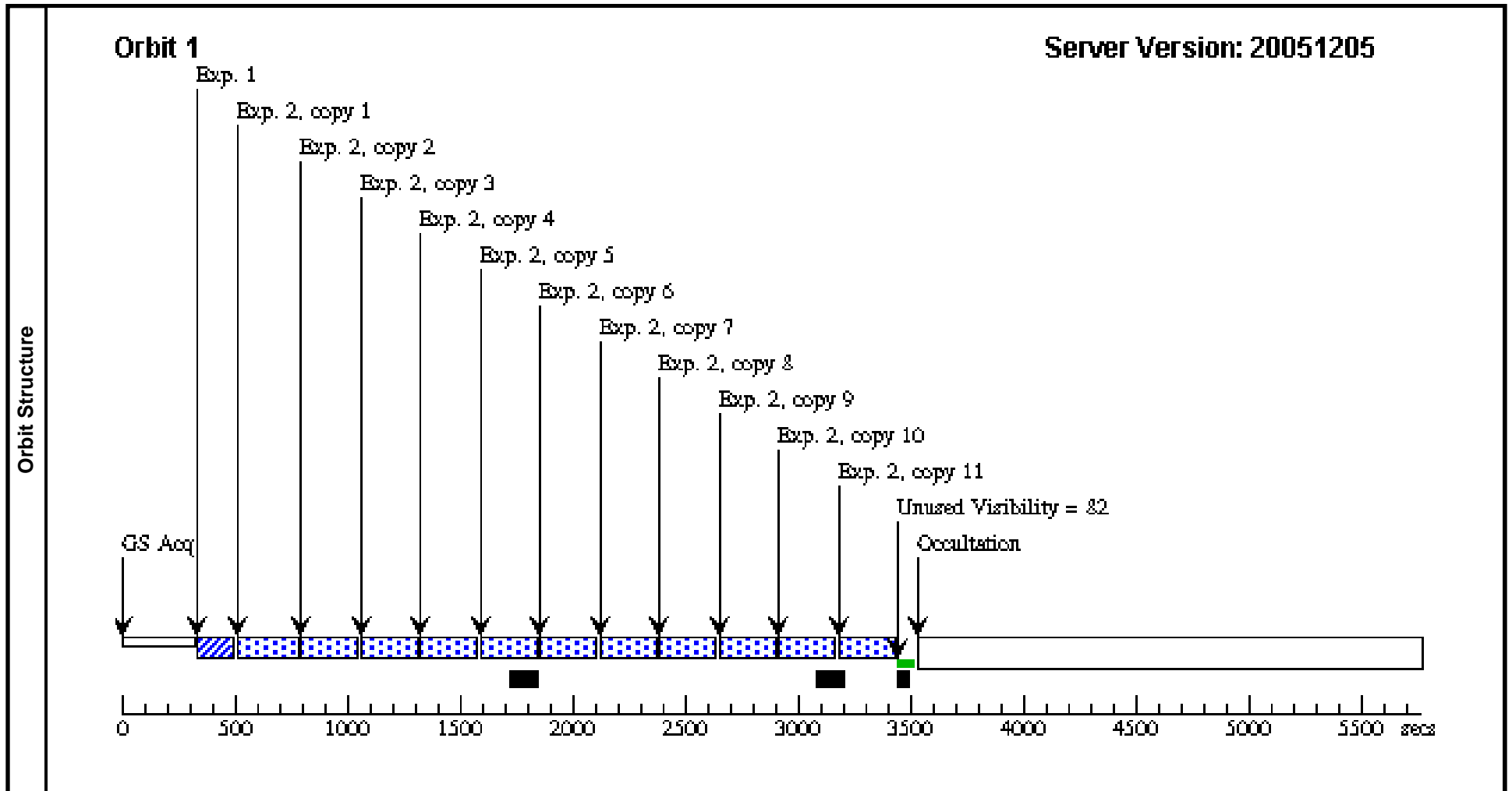
Visit	Proposal 10540, Visit 10 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(6)	HD166578 Alt Name1: HIP88716	RA: 18 06 40.6000 (271.6691667d) Dec: +64 13 17.10 (64.22142d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: -0.00484s/yr Proper Motion Dec: 0.00262"/yr Parallax: 0.00583" Epoch of Position: 1991.25	V=6.67+/-0.01 J=4.98	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	<i>Comments: PSF for HD 164330</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HD 166578 (PSF) Acq at F190N	(6) HD166578	NIC2, ACQ, NIC2-ACQ	F190N		GS ACQ SCENARIO BASE1TNS		0.29 Secs [==>]	[1]
	<i>Comments: Should get 84K e- in 0.237 s on H=4.435 K0</i>									
2	F110W mult iaccum	(6) HD166578	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=15; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]	



Proposal 10540 - Visit 11 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:51 GMT 2006

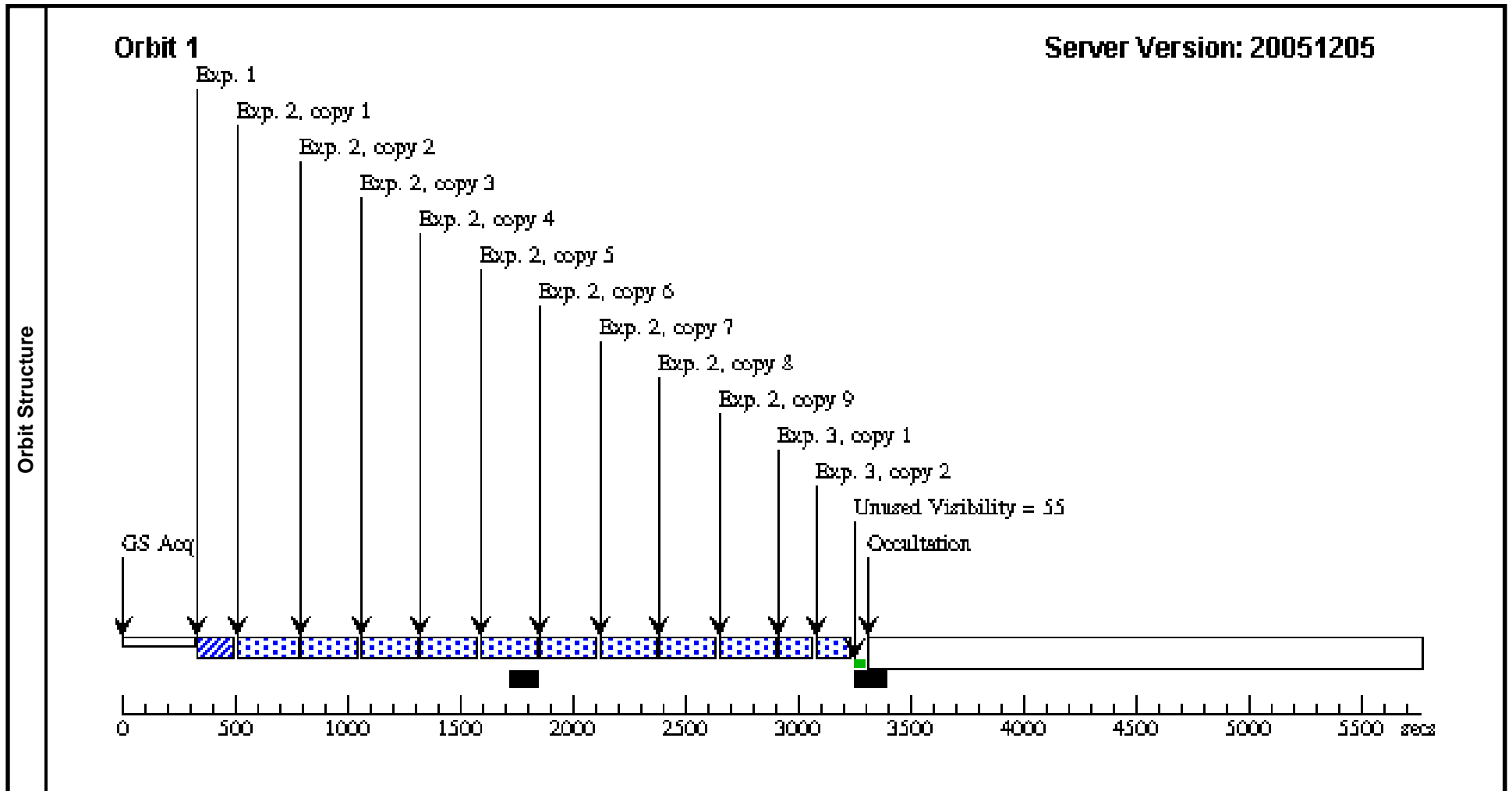
Visit	Proposal 10540, Visit 11 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(5)	HD164330 Alt Name1: HIP87815	RA: 17 56 20.1700 (269.0840417d) Dec: +62 36 35.40 (62.60983d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: -0.00756s/yr Proper Motion Dec: 0.10042"/yr Parallax: 0.012" Epoch of Position: 1991.25	V=7.72+/-0.01 J=6.54	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HD 164330 Acq at F190 N	(5) HD164330	NIC2, ACQ, NIC2-ACQ	F190N		GS ACQ SCENARI O BASE1TNS		1.54 Secs [==>]	[1]
	<i>Comments: Should get 75K e- in 1.138 s on H=6.27 K0</i>									
2	F110W mult iaccum	(5) HD164330	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=15; SAMP-SEQ=STEP3 2				[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]



Proposal 10540 - Visit 13 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:52 GMT 2006

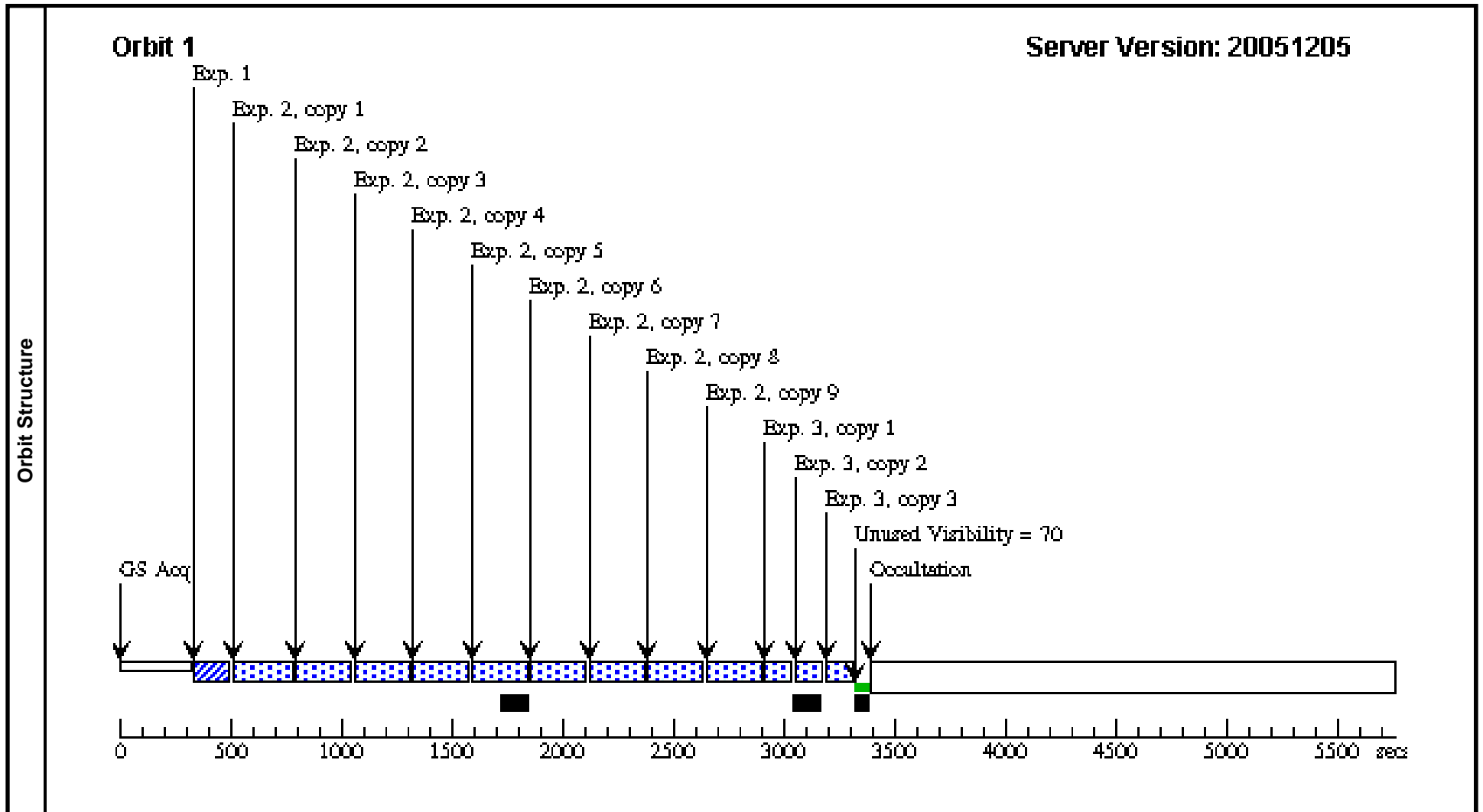
Visit	Proposal 10540, Visit 13 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: ORIENT 26.9D TO 29.9D FROM 15; SEQ 13,14,15 WITHIN 2.5 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(7)	HD170773 Alt Name1: HIP90936	RA: 18 33 0.8500 (278.2535417d) Dec: -39 53 30.60 (-39.89183d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.0075s/yr Proper Motion Dec: -0.08029"/yr Parallax: 0.02772" Epoch of Position: 1991.25	V=6.22+/-0.01 J=5.42	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HD 170773 Acq at F190 N	(7) HD170773	NIC2, ACQ, NIC2-ACQ	F190N		GS ACQ SCENARI O BASE1TNS		0.622 Secs [==>]	[1]
	<i>Comments: Should get 74K e- in 0.457 s on H=5.282 F0 21 Mar 2006 - Redo-ETC (error in QE fixed) - should get 75K e- in 0.622 s</i>									
	2	F110W mult iaccum	(7) HD170773	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=15; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[1]
	3	F110W mult iaccum	(7) HD170773	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=12; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)]	[1]



Proposal 10540 - Visit 14 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:52 GMT 2006

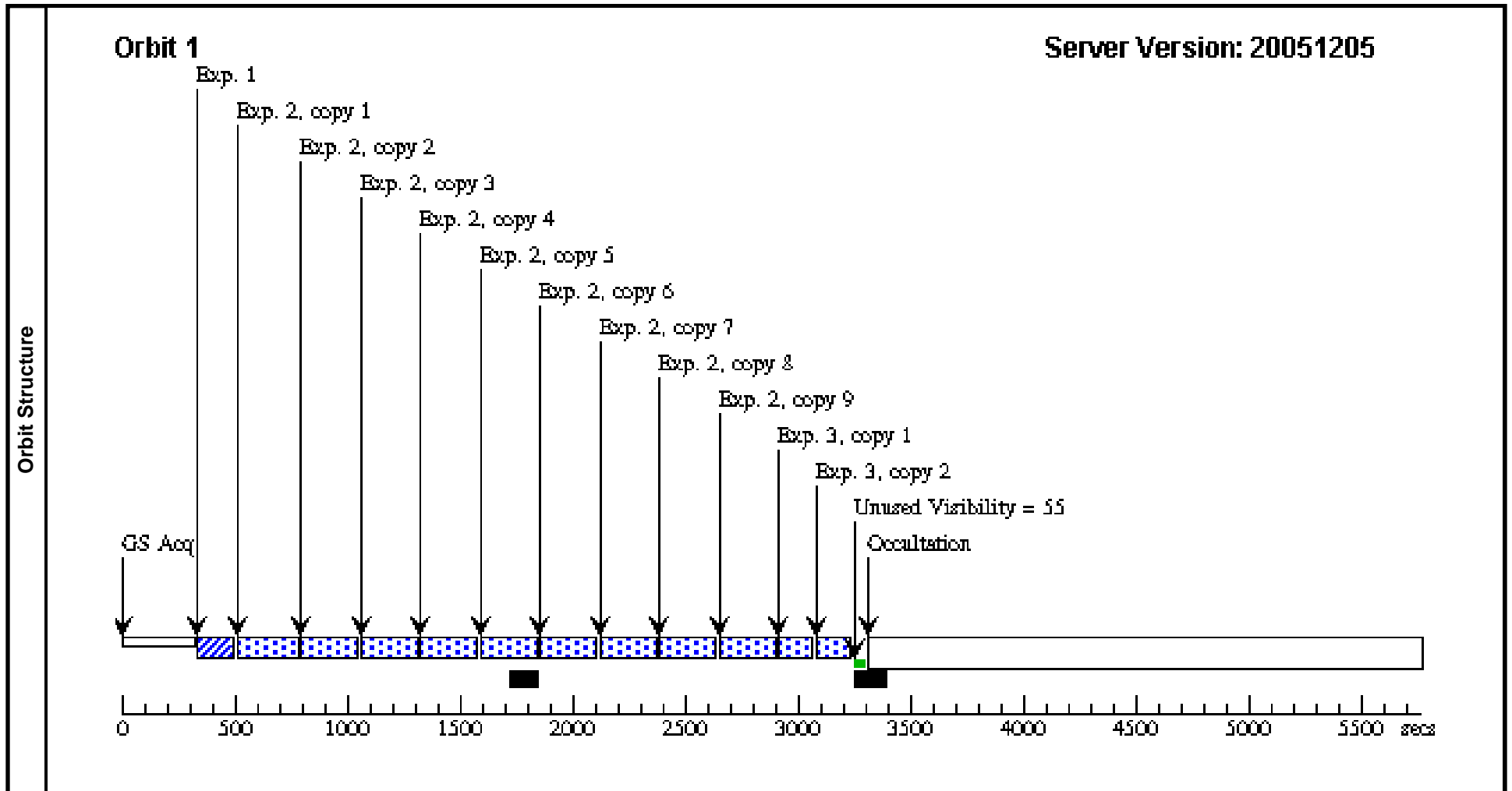
Visit	Proposal 10540, Visit 14 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(8)	HD192886 Alt Name1: HIP100184	RA: 20 19 17.6800 (304.8236667d) Dec: -47 34 47.40 (-47.57983d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.01886s/yr Proper Motion Dec: -0.1825"/yr Parallax: 0.03391" Epoch of Position: 1991.25	V=6.13+/-0.01 J=5.27	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	<i>Comments: PSF for HD 170773</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HD 192886 (PSF) Acq at F190N	(8) HD192886	NIC2, ACQ, NIC2-ACQ	F190N		GS ACQ SCENARIO BASE1TNS		0.529 Secs [==>]	[1]
	<i>Comments: Should get 74K e- in 0.385 s on H=5.103 F5 21 Mar 2006 - update Acq integration time based on new ETC (fixed QE) - should get 75K e- in 0.529 s</i>									
	2	F110W mult iaccum	(8) HD192886	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=15; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[1]
	3	F110W mult iaccum	(8) HD192886	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=11; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)]	[1]



Proposal 10540 - Visit 15 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:52 GMT 2006

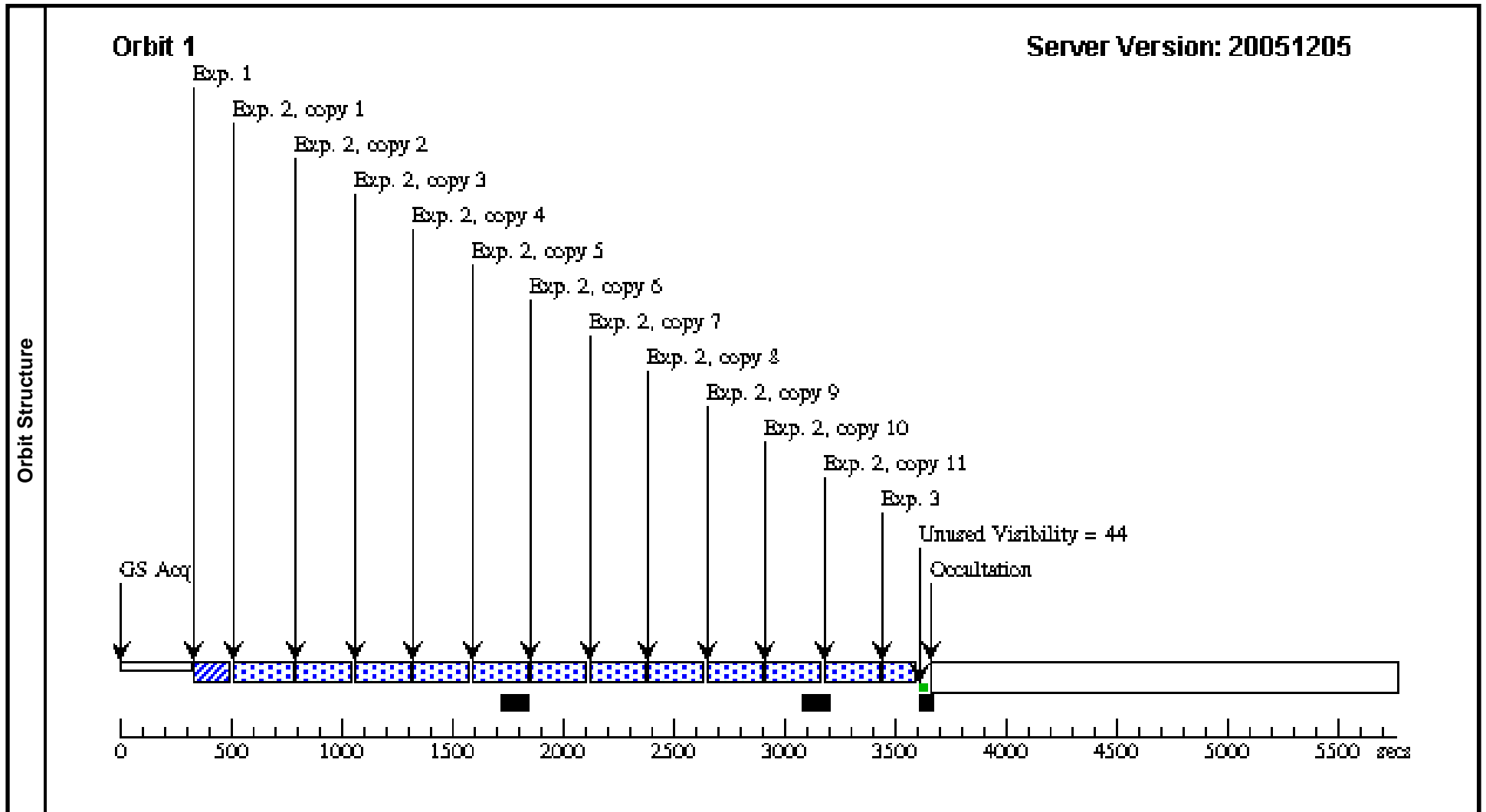
Visit	Proposal 10540, Visit 15 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(7)	HD170773 Alt Name1: HIP90936	RA: 18 33 0.8500 (278.2535417d) Dec: -39 53 30.60 (-39.89183d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.0075s/yr Proper Motion Dec: -0.08029"/yr Parallax: 0.02772" Epoch of Position: 1991.25	V=6.22+/-0.01 J=5.42	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HD 170773 Acq at F190 N	(7) HD170773	NIC2, ACQ, NIC2-ACQ	F190N			GS ACQ SCENARI O BASE1TNS		0.622 Secs [==>]
<i>Comments: Should get 74K e- in 0.457 s on H=5.282 F0 21 Mar 2006 - Redo-ETC (error in QE fixed) - should get 75K e- in 0.622 s</i>										
	2	F110W mult iaccum	(7) HD170773	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=15; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[1]
	3	F110W mult iaccum	(7) HD170773	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=12; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)]	[1]



Proposal 10540 - Visit 17 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:52 GMT 2006

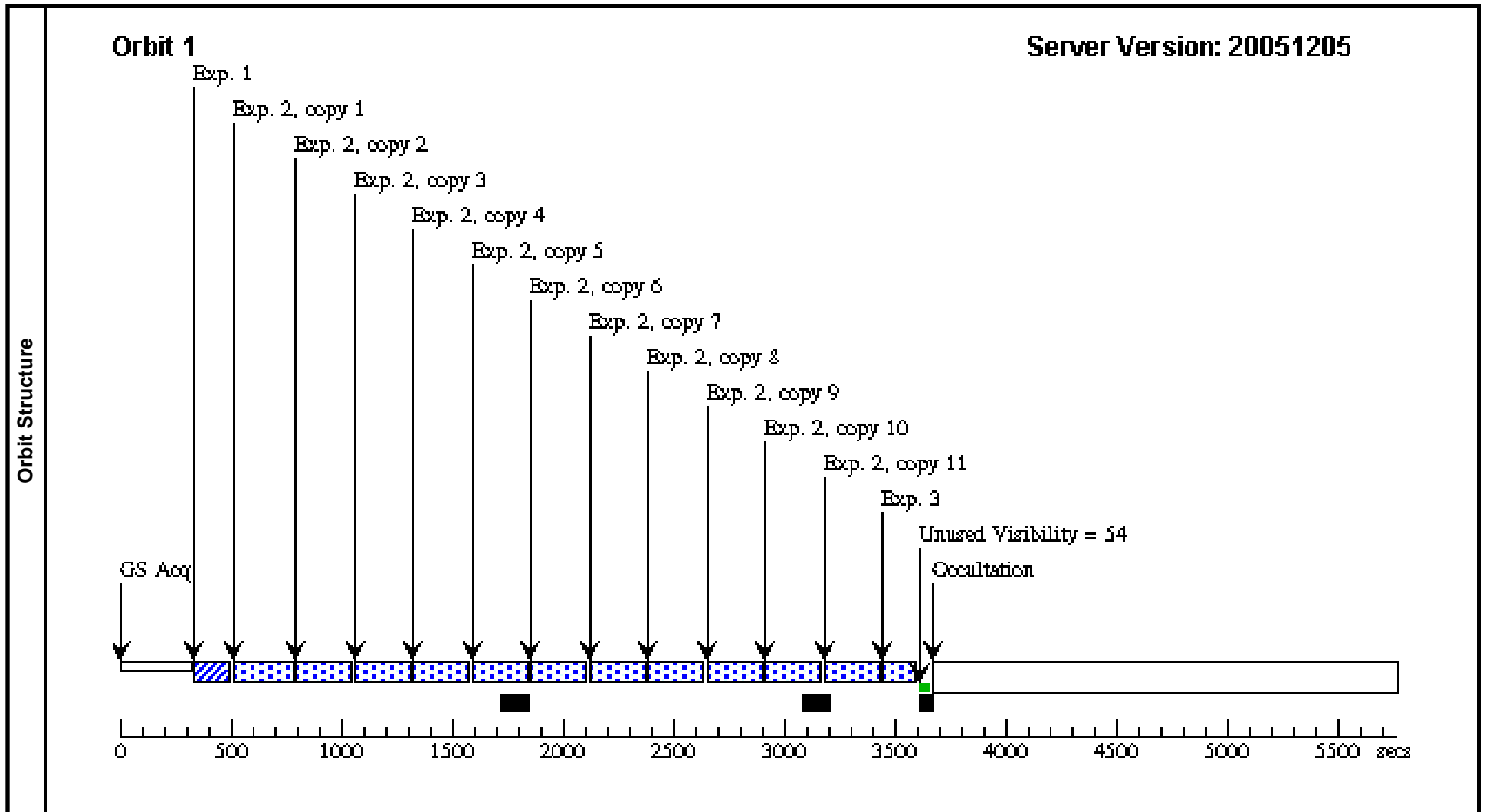
Visit		Proposal 10540, Visit 17 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: ORIENT 26.9D TO 26.9D FROM 19; SEQ 17,18,19 WITHIN 2.5 Orbits								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	HD53842 Alt Name1: HIP32435	RA: 06 46 13.4300 (101.5559583d) Dec: -83 59 30.10 (-83.99169d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.01204s/yr Proper Motion Dec: 0.06252"/yr Parallax: 0.01746" Epoch of Position: 1991.25	V=7.46+/-0.01 J=6.553	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HD 53842 A (9) HD53842 cq at F190N	(9) HD53842	NIC2, ACQ, NIC2-ACQ	F190N		GS ACQ SCENARI O BASE1TNS		1.668 Secs [==>]	[1]
	<i>Comments: Should get 76K e- in 1.324 s on H=6.396 F5 21 Mar 2006 - Update Acq integration time with new ETC (error in QE fixed) - should get 72e- in 1.668 s</i>									
	2	F110W mult iaccum (9) HD53842	(9) HD53842	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=15; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]
<i>Comments: total integration = 11 x 256s = 2816 s</i>										
3	F110W mult iaccum (9) HD53842	(9) HD53842	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=12; SAMP-SEQ=STEP3 2			[==>]	[1]	



Proposal 10540 - Visit 18 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:53 GMT 2006

Visit	Proposal 10540, Visit 18								
	Diagnostic Status: No Diagnostics								
Fixed Targets	Scientific Instruments: NIC2								
	Special Requirements: (none)								
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	HD58805 Alt Name1: HIP32500	RA: 06 46 58.5200 (101.7438333d) Dec: -87 01 29.90 (-87.02497d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.00596s/yr Proper Motion Dec: 0.0042"/yr Parallax: 0.02555" Epoch of Position: 1991.25	V=6.46+/-0.01 J=5.63	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE			
<i>Comments: PSF 3.0 deg from HD 53842</i>									
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	HD 58805 ((10) HD58805 PSF) Acq at F190N	NIC2, ACQ, NIC2-ACQ	F190N			GS ACQ SCENARI O BASE1TNS		0.717 Secs [==>]
<i>Comments: Should get 76K e- in 0.55 s on J=5.625 F3 21 Mar 2006 - Update Acq integration time with new ETC (error in QE fixed) - should get 76K e- in 0.717 s</i>									
2	F110W mult iaccum	(10) HD58805	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=15; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]
3	F110W mult iaccum	(10) HD58805	NIC2, MULTIACCUM, NIC2-CORON	F110W	NSAMP=12; SAMP-SEQ=STEP3 2			[==>]	[1]



Proposal 10540 - Visit 19 - Imaging Nearby Dusty Disks

Thu Mar 23 04:31:53 GMT 2006

Visit	Proposal 10540, Visit 19 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	HD53842 Alt Name1: HIP32435	RA: 06 46 13.4300 (101.5559583d) Dec: -83 59 30.10 (-83.99169d) Equinox: J2000 Plate Id: (?)	Proper Motion RA: 0.01204s/yr Proper Motion Dec: 0.06252"/yr Parallax: 0.01746" Epoch of Position: 1991.25	V=7.46+/-0.01 J=6.553	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	HD 53842 A cq at F190N	(9) HD53842	NIC2, ACQ, NIC2-ACQ	F190N			GS ACQ SCENARI O BASE1TNS		1.668 Secs [==>]	[1]
	<i>Comments: Should get 76K e- in 1.324 s on H=6.396 F5 21 Mar 2006 - Update Acq integration time with new ETC (error in QE fixed) - should get 72e- in 1.668 s</i>										
2	F110W mult iaccum	(9) HD53842	NIC2, MULTIACCUM, NIC2-CORON	F110W		NSAMP=15; SAMP-SEQ=STEP3 2			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]	
	<i>Comments: total integration = 11 x 256s = 2816 s</i>										
3	F110W mult iaccum	(9) HD53842	NIC2, MULTIACCUM, NIC2-CORON	F110W		NSAMP=12; SAMP-SEQ=STEP3 2			[==>]	[1]	

