



10603 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circumstellar Dust

Cycle: 14, 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) V375-LAC	NIC2	1	17-Jan-2008 14:32:48.0	yes
02	(3) LKHA263-C	ACS/WFC	1	17-Jan-2008 14:32:52.0	yes

Proposal 10603 (STScI Edit Number: 1, Created: Thursday, January 17, 2008 2:33:57 PM EST) - Overview

<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>
03	(3) LKHA263-C	NIC1 NIC2	1	17-Jan-2008 14:32:56.0	yes
04	(4) IRAS04158+2805	NIC2	1	17-Jan-2008 14:32:59.0	yes
05	(5) IRAS04260+2642	NIC2	1	17-Jan-2008 14:33:02.0	yes
06	(6) IRAS04073+3800	NIC2	1	17-Jan-2008 14:33:05.0	yes
07	(7) L1439-045951+520444	ACS/WFC	1	17-Jan-2008 14:33:07.0	yes
08	(7) L1439-045951+520444	NIC2	1	17-Jan-2008 14:33:10.0	yes
09	(8) PDS-144	ACS/WFC	1	17-Jan-2008 14:33:13.0	yes
10	(8) PDS-144	NIC1 NIC2	1	17-Jan-2008 14:33:16.0	yes
11	(9) OPH-E-MM3	NIC2	1	17-Jan-2008 14:33:19.0	yes
12	(9) OPH-E-MM3	NIC2	1	17-Jan-2008 14:33:21.0	yes
13	(10) CRBR2422.8-3423	NIC2	1	17-Jan-2008 14:33:23.0	yes
14	(10) CRBR2422.8-3423	NIC2	1	17-Jan-2008 14:33:25.0	yes
15	(11) 2MASSJ1628137-243139	NIC2	1	17-Jan-2008 14:33:28.0	yes
16	(11) 2MASSJ1628137-243139	ACS/WFC	1	17-Jan-2008 14:33:30.0	yes
17	(12) IRAS18059-3211	NIC2	1	17-Jan-2008 14:33:32.0	yes
18	(13) L1014-IRS	NIC2	1	17-Jan-2008 14:33:35.0	yes
19	(14) 2MASSJ03285129+3117397	ACS/WFC	1	17-Jan-2008 14:33:37.0	yes
20	(14) 2MASSJ03285129+3117397	NIC2	1	17-Jan-2008 14:33:39.0	yes
21	(15) 2MASSJ05352157-0509389	ACS/WFC	1	17-Jan-2008 14:33:41.0	yes
22	(15) 2MASSJ05352157-0509389	NIC2	1	17-Jan-2008 14:33:44.0	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>
23	(16) 2MASSI20570655+7736559	ACS/WFC	1	17-Jan-2008 14:33:45.0	yes
24	(16) 2MASSI20570655+7736559	NIC2	1	17-Jan-2008 14:33:48.0	yes
65	(17) 2MASSI1628137-243139-COPY	NIC2	1	17-Jan-2008 14:33:50.0	yes
73	(16) 2MASSI20570655+7736559	ACS/WFC	1	17-Jan-2008 14:33:52.0	yes
83	(16) 2MASSI20570655+7736559	WFPC2	1	17-Jan-2008 14:33:53.0	yes
86	(11) 2MASSI1628137-243139	WFPC2	1	17-Jan-2008 14:33:55.0	yes

28 Total Orbits Used

ABSTRACT

Young, edge-on circumstellar disks are uniquely valuable laboratories for the study of planet formation. In these objects, the central star is occulted from direct view, significant PSF artifacts are absent, and the disk is clearly seen as a central dust lane flanked by faint disk reflected light. The detailed morphology of these nebulae and its variation with wavelength provide crucial information on the disk internal structure and the properties of its constituent dust grains. A key observable is the slope defining the wavelength dependence of the dust scattering opacity, which becomes shallower when grain growth has taken place; multiwavelength resolved disk images are the key dataset enabling such measurements. Recent analyses of three different edge-on disks have revealed a diversity in their dust properties that is indicative of different degrees of dust grain evolution having taken place in each system. This characterization of disk grain growth, when applied comparatively to a larger sample of these objects, would enable the construction of an evolutionary sequence of young disks at successive stages on the road to planet formation. In pursuit of this goal, we have identified a sample of 15 edge-on disks previously discovered by HST or groundbased telescopes, but for which high fidelity, high spatial resolution images do not yet exist in both the optical and near-infrared. We propose broad-band multicolor imaging with NICMOS of all these targets, and ACS imaging of nine of these targets. In combination with existing data, the proposed images will form a complete database of high resolution optical/near-IR images for these 15 disk systems. Scattered light modeling will be used to derive the disk structure and dust properties, yielding results that will be of fundamental importance for our understanding of grain properties during protoplanetary disk evolution.

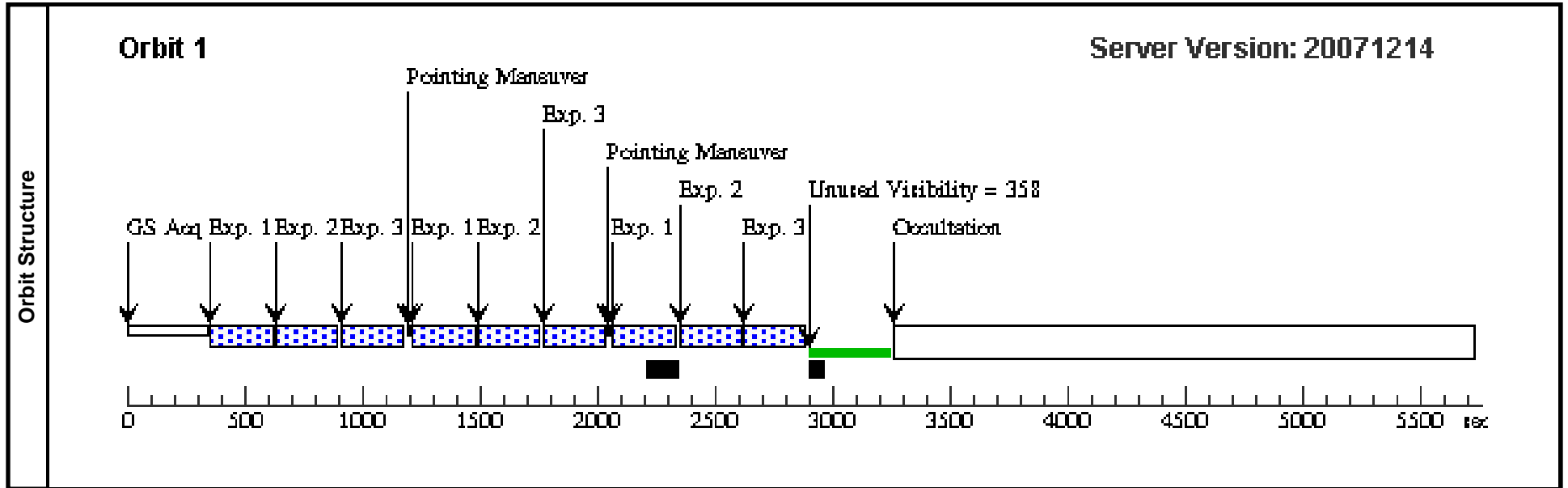
OBSERVING DESCRIPTION

This program seeks to observe faint, fully nebulous young stellar disks in a variety of different optical and near-IR wavelengths. The brighter sources are observed at a maximum number of wavelengths such that adequate S/N is achieved within 1 orbit per object for each instrument. For some of the fainter objects, we spend an entire orbit at one or two wavelengths to maximize S/N. This is a program to obtain wide-band photometry, so no narrow-band filters are used. Typically, we take a few CR-split exposures per orbit for ACS and 2-3 dithers per wavelength for NICMOS. Filters used are F110W, F160W, and F205W for NICMOS and F555W and F814W for ACS. In some cases, the source observed has a bright optical companion. For these targets, we have specified orients to avoid the diffraction spikes overlying our faint, nebulous primary source.

Proposal 10603 - Visit 01 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:33:58 GMT 2008

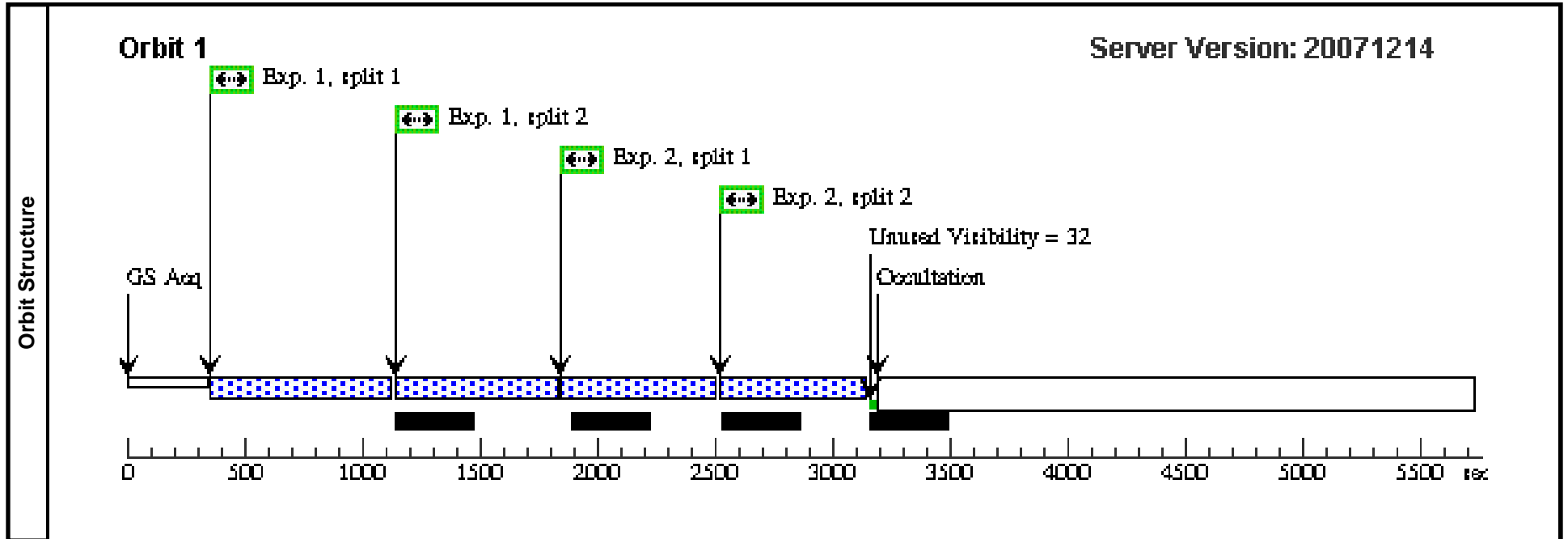
Visit	Proposal 10603, Visit 01, completed Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%									
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Diagnosics										
Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
	(2)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=3 Point Spacing=1.13 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=false					(1-3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	V375-LAC	RA: 22 34 41.0100 (338.6708750d)			V=13.6	Coordinate Source: HST_IMAGE			
		Alt Name1: HBC 313	Dec: +40 40 3.60 (40.66767d)			J=11.29 +/- 0.03,				
		Alt Name2: LKHA 233	Equinox: J2000			H=10.31 +/- 0.03,				
			Plate Id: 01YI			K=8.92 +/- 0.02				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(1) V375-LAC	(1) V375-LAC	NIC2, MULTIACCUM, NIC2	F110W	SAMP-SEQ=STEP1 28; NSAMP=11		Pattern 1-3 (2)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2	(1) V375-LAC	(1) V375-LAC	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP1 28; NSAMP=11		Pattern 1-3 (2)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	3	(1) V375-LAC	(1) V375-LAC	NIC2, MULTIACCUM, NIC2	F205W	SAMP-SEQ=STEP1 28; NSAMP=11		Pattern 1-3 (2)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]



Proposal 10603 - Visit 02 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:00 GMT 2008

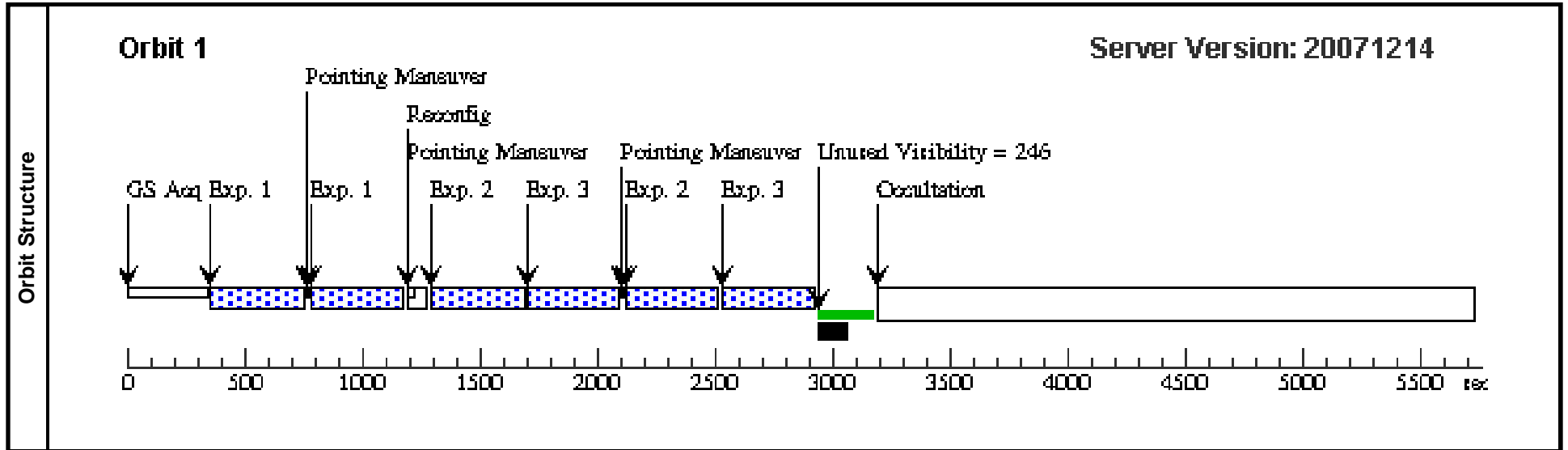
Visit	Proposal 10603, Visit 02, completed Diagnostic Status: Error Scientific Instruments: ACS/WFC Special Requirements: SCHED 50%; ORIENT 80.0D TO 130.0 D; ORIENT 170.0D TO 220.0 D; ORIENT 260.0D TO 310.0 D; ORIENT 350.0D TO 40.0 D									
	(Visit 02) Error (Form): 50 is not a valid selection									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	LKHA-263 Alt Name1: HBC 9 Alt Name2: GS 1230-718	RA: 02 56 8.4500 (44.0352083d) Dec: +20 03 38.70 (20.06075d) Equinox: J2000 Plate Id: 02D0			V=18 J=10.6 +/- 0.02, H=9.84 +/- 0.02, K=9.5 +/- 0.02		Coordinate Source: GUIDE_STAR_CATALOG		
(3)	LKHA263-C	Offset from LKHA-263 by RA Offset: 0.25 Secs Dec Offset: 1.99 Arcsec			V=20 J=16.5 +/- 0.15, H=16.0 +/- 0.15, K=16.1 +/- 0.3, TYPE=M0.5		Offset Position (LKHA263-C) Coordinate Source: GUIDE_STAR_CATALOG			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(3) LKHA263-C	(3) LKHA263-C	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=2			1140.0 Secs	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	
2	(3) LKHA263-C	(3) LKHA263-C	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=2				1000.0 Secs	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	



Proposal 10603 - Visit 03 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:00 GMT 2008

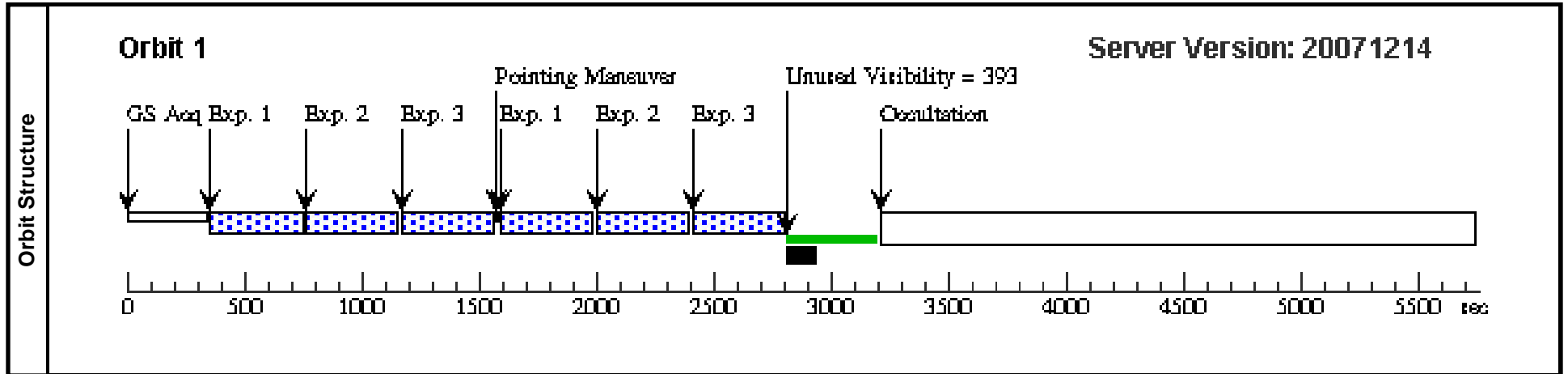
Visit	Proposal 10603, Visit 03, completed Diagnostic Status: Error Scientific Instruments: NIC2, NIC1 Special Requirements: SCHED 50%; ORIENT 267.0D TO 305.0 D; ORIENT 357.0D TO 35.0 D; ORIENT 87.0D TO 125.0 D; ORIENT 178.0D TO 215.0 D										
	(Visit 03) Error (Form): 50 is not a valid selection										
Diagnosics											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(2)	LKHA-263	RA: 02 56 8.4500 (44.0352083d)			V=18		Coordinate Source: GUIDE_STAR_CATALOG			
		Alt Name1: HBC 9 Alt Name2: GS 1230-718	Dec: +20 03 38.70 (20.06075d) Equinox: J2000 Plate Id: 02D0			J=10.6 +/- 0.02, H=9.84 +/- 0.02, K=9.5 +/- 0.02					
(3)	LKHA263-C	Offset from LKHA-263 by RA Offset: 0.25 Secs Dec Offset: 1.99 Arcsec			V=20 J=16.5 +/- 0.15, H=16.0 +/- 0.15, K=16.1 +/- 0.3, TYPE=M0.5		Offset Position (LKHA263-C) Coordinate Source: GUIDE_STAR_CATALOG				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(3) LKHA263-C	NIC2, MULTIACCUM, NIC2	F205W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2		(3) LKHA263-C	NIC1, MULTIACCUM, NIC1	F160W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 2-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
	3		(3) LKHA263-C	NIC1, MULTIACCUM, NIC1	F110W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 2-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]



Proposal 10603 - Visit 04 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:01 GMT 2008

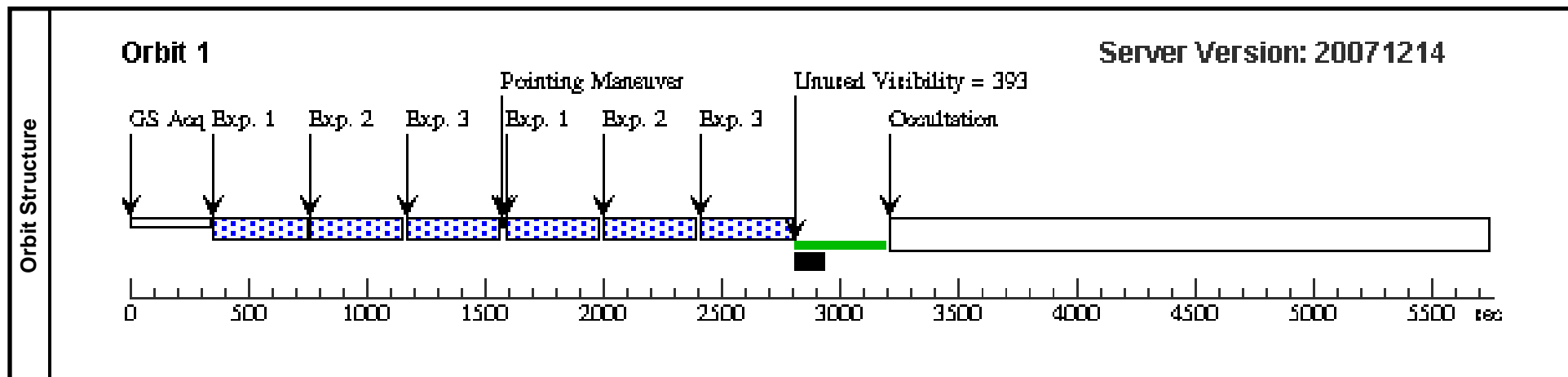
Visit	Proposal 10603, Visit 04, completed Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%									
	(Visit 04) Error (Form): 50 is not a valid selection									
Diagnosics										
Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=2 Point Spacing=0.75 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=false					(1-3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(4)	IRAS04158+2805	RA: 04 18 58.2900 (64.7428750d) Dec: +28 12 23.90 (28.20664d) Equinox: J2000 Plate Id: 0051			V=19	Coordinate Source: HST_IMAGE			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) IRAS04158+2805 5	NIC2, MULTIACCUM, NIC2	F110W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(4) IRAS04158+2805 5	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		(4) IRAS04158+2805 5	NIC2, MULTIACCUM, NIC2	F205W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 10603 - Visit 05 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:01 GMT 2008

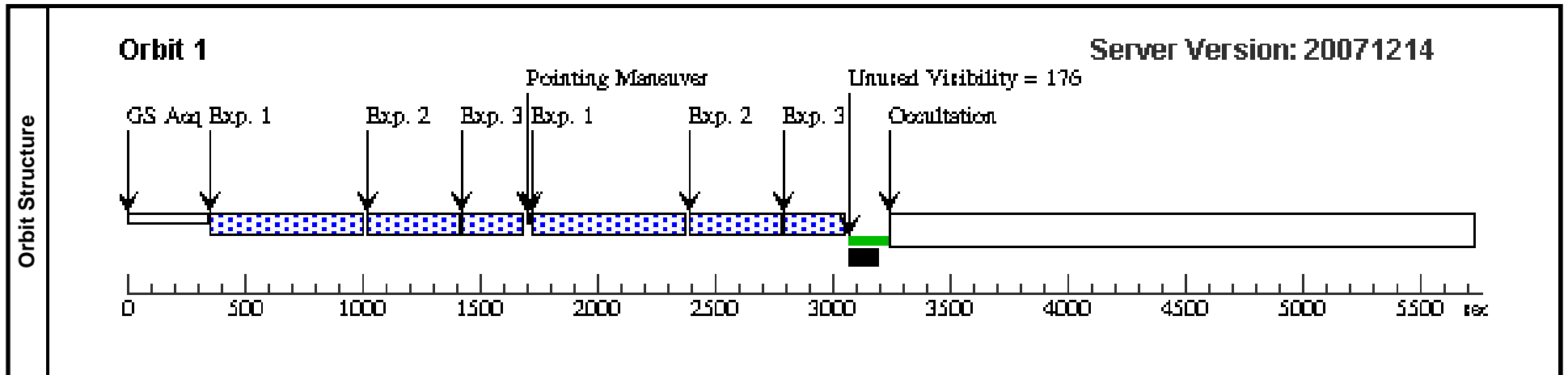
Visit	Proposal 10603, Visit 05, completed Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%									
	(Visit 05) Error (Form): 50 is not a valid selection									
Diagnosics										
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	IRAS04260+2642	RA: 04 29 5.0200 (67.2709167d) Dec: +26 49 7.90 (26.81886d) Equinox: J2000 Plate Id: 000L		V=19 J=14.68 mag, H=13.02 mag, K=11.88 mag, SIZE=1"	Coordinate Source: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) IRAS04260+264 2	NIC2, MULTIACCUM, NIC2	F110W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(5) IRAS04260+264 2	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		(5) IRAS04260+264 2	NIC2, MULTIACCUM, NIC2	F205W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 10603 - Visit 06 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:02 GMT 2008

Visit	Proposal 10603, Visit 06, completed Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%									
	(Visit 06) Error (Form): 50 is not a valid selection									
Diagnosics										
Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=2 Point Spacing=0.75 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=false					(1-3)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(6)	IRAS04073+3800 Alt Name1: PP-13	RA: 04 10 40.9600 (62.6706667d) Dec: +38 07 51.20 (38.13089d) Equinox: J2000 Plate Id: 003V			V=15.7	Coordinate Source: HST_IMAGE			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(6) IRAS04073+3800 0	NIC2, MULTIACCUM, NIC2	F110W	SAMP-SEQ=STEP1 28; NSAMP=14		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(6) IRAS04073+3800 0	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		(6) IRAS04073+3800 0	NIC2, MULTIACCUM, NIC2	F205W	SAMP-SEQ=STEP1 28; NSAMP=11		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]

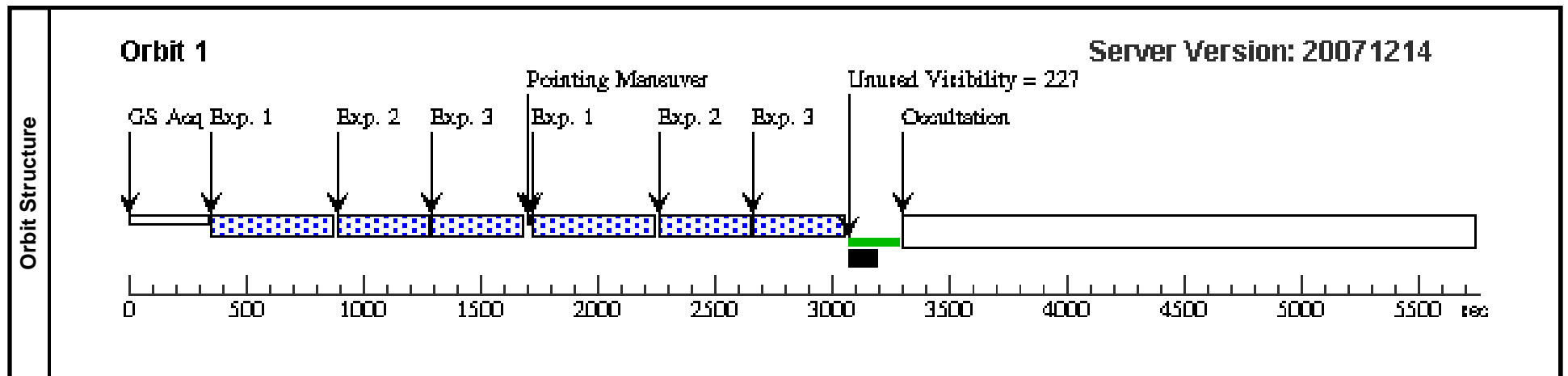


Visit	Proposal 10603, Visit 07, completed Diagnostic Status: Error Scientific Instruments: ACS/WFC Special Requirements: SCHED 50%									
	(Visit 07) Error (Form): 50 is not a valid selection									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	L1439-045951+520444 Alt Name1: CB-26 IRS Alt Name2: IRAS 04559+5200	RA: 04 59 50.7400 (74.9614167d) Dec: +52 04 43.80 (52.07883d) Equinox: J2000		V=20	Coordinate Source: Millimeter continuum				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(7) L1439-045951+520444	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=2				2500.0 Secs [=>(Split 1)] [=>(Split 2)]	[1]
Orbit Structure	Orbit 1									
	<p>Server Version: 20071214</p> <p>Unated Visibility = 91</p> <p>GS Acq</p> <p>Exp. 1, split 1</p> <p>Exp. 1, split 2</p> <p>Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									

Proposal 10603 - Visit 08 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:02 GMT 2008

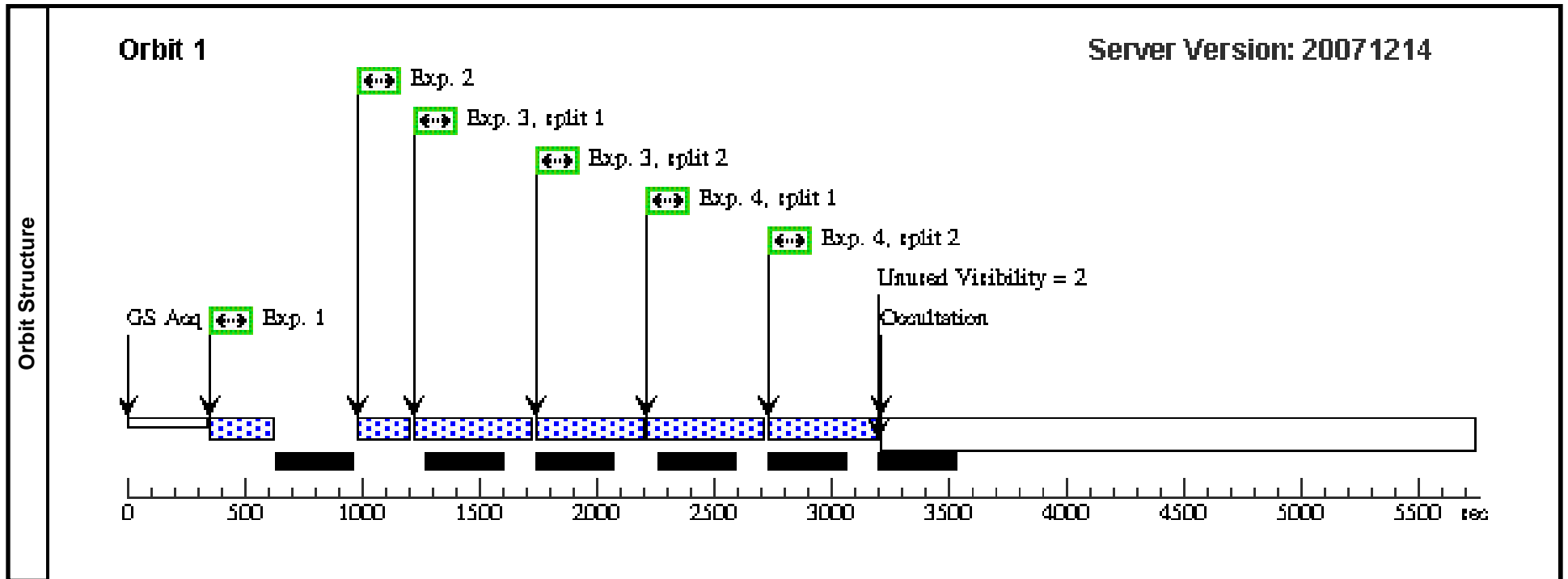
Visit	Proposal 10603, Visit 08, completed Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%										
	Diagnostics	(Visit 08) Error (Form): 50 is not a valid selection (Visit 08) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 08) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 08) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 08) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 08) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 08) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 08) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
Patterns		#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=NIC-SPIRAL-DITH Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=0.0 Number Of Points=2 Angle Between Sides= Point Spacing=0.75 Center Pattern=false Line Spacing=						(1-3)		
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
		(7)	L1439-045951+520444 Alt Name1: CB-26 IRS Alt Name2: IRAS 04559+5200	RA: 04 59 50.7400 (74.9614167d) Dec: +52 04 43.80 (52.07883d) Equinox: J2000			V=20	Coordinate Source: Millimeter continuum			
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1		(7) L1439-045951+5 20444	NIC2, MULTIACCUM, NIC2	F110W	SAMP-SEQ=STEP1 28; NSAMP=13		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(7) L1439-045951+5 20444	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]	
	3		(7) L1439-045951+5 20444	NIC2, MULTIACCUM, NIC2	F205W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]	



Proposal 10603 - Visit 09 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:02 GMT 2008

Visit	Proposal 10603, Visit 09, completed Diagnostic Status: Error Scientific Instruments: ACS/WFC Special Requirements: SCHED 50%; ORIENT 45.0D TO 105.0 D; ORIENT 135.0D TO 195.0 D; ORIENT 225.0D TO 285.0 D; ORIENT 315.0D TO 15.0 D									
	(Visit 09) Error (Form): 50 is not a valid selection									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous		
	(8)	PDS-144 Alt Name1: IRAS-15462-2551 Alt Name2: GSC-06782-01589	RA: 15 49 15.5200 (237.3146667d) Dec: -26 00 50.20 (-26.01394d) Equinox: J2000				V=12.8 TYPE=A5, Companion edge-on disk is ~3 mag fainter	Coordinate Source: 2MASS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(8) PDS-144	(8) PDS-144	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO			60.0 Secs [==>]	[1]
	2	(8) PDS-144	(8) PDS-144	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO			60.0 Secs [==>]	[1]
	3	(8) PDS-144	(8) PDS-144	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=2			680.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4	(8) PDS-144	(8) PDS-144	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=2			680.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]



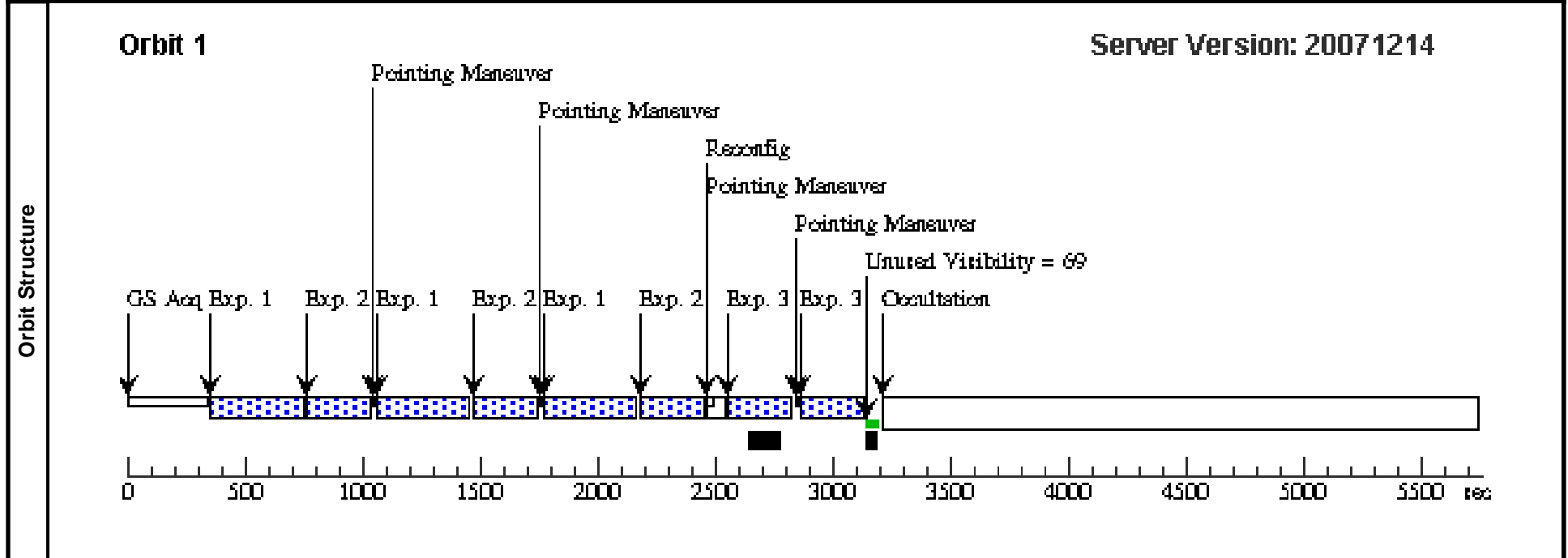
Proposal 10603 - Visit 10 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:03 GMT 2008

Visit	Proposal 10603, Visit 10, completed Diagnostic Status: Error Scientific Instruments: NIC2, NIC1 Special Requirements: SCHED 50%; ORIENT 56.0D TO 99.0 D; ORIENT 146.0D TO 189.0 D; ORIENT 236.0D TO 279.0 D; ORIENT 326.0D TO 9.0 D											
	Diagnostics	(Visit 10) Error (Form): 50 is not a valid selection (Visit 10) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 10) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 10) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 10) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 10) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 10) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 10) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 10) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 10) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 10) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE										
Patterns		#	Primary Pattern				Secondary Pattern				Exposures	
		(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=2 Point Spacing=0.75 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=false					(3)			
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=3 Point Spacing=1.13 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=false					(1-2)				
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
		(8)	PDS-144 Alt Name1: IRAS-15462-2551 Alt Name2: GSC-06782-01589	RA: 15 49 15.5200 (237.3146667d) Dec: -26 00 50.20 (-26.01394d) Equinox: J2000				V=12.8 TYPE=A5, Companion edge-on disk is ~3 mag fainter	Coordinate Source: 2MASS			
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
		1	(8) PDS-144	NIC1, MULTIACCUM, NIC1	F110W	SAMP-SEQ=STEP1 28; NSAMP=12			Pattern 1-2 (2)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
2		(8) PDS-144	NIC1, MULTIACCUM, NIC1	F160W	SAMP-SEQ=STEP1 28; NSAMP=11			Pattern 1-2 (2)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]	

Proposal 10603 - Visit 10 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

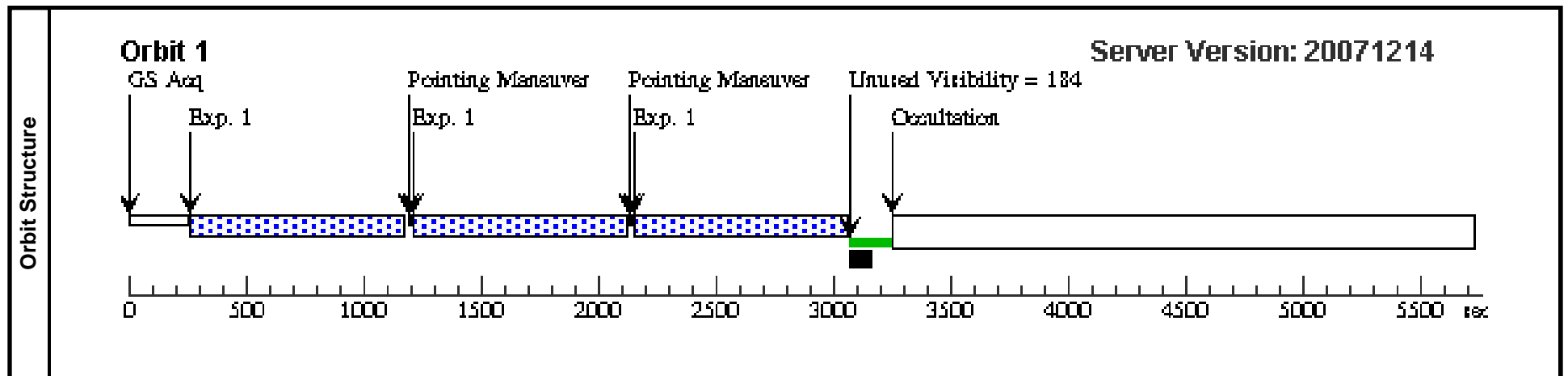
Exposures (continued)	#	Label	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	3	(8) PDS-144	NIC2, MULTIACCUM, NIC2-FIX	F205W	SAMP-SEQ=STEP1 28; NSAMP=11	Pattern 3-3 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]		



Proposal 10603 - Visit 11 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:03 GMT 2008

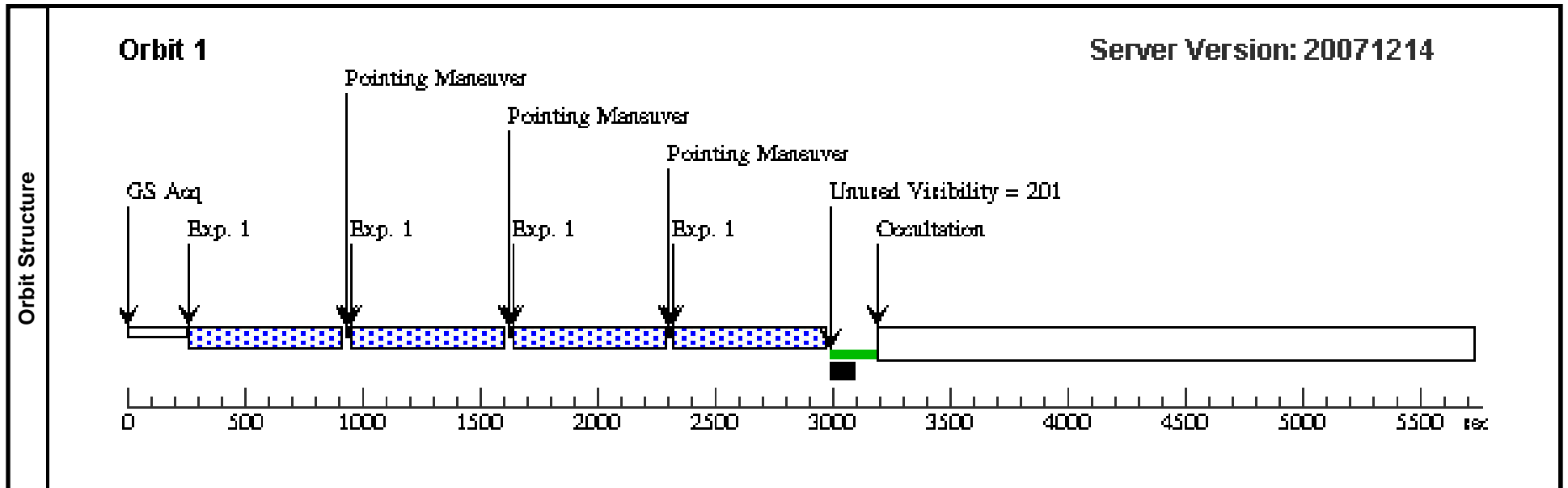
Visit	Proposal 10603, Visit 11, scheduling Diagnostic Status: Warning Scientific Instruments: NIC2 Special Requirements: (none)										
	Diagnostics	(Visit 11) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 11) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 11) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
Patterns		#	Primary Pattern				Secondary Pattern				Exposures
	(2)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=3 Point Spacing=1.13 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(9)	OPH-E-MM3	RA: 16 27 5.9100 (246.7746250d) Dec: -24 37 8.20 (-24.61894d) Equinox: J2000			V=25	Coordinate Source: VLT image				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(9) OPH-E-MM3	NIC2, MULTIACCUM, NIC2-FIX	F160W	SAMP-SEQ=STEP1 28; NSAMP=16	GS ACQ SCENARI O SINGLE	Pattern 1-1 (2)	[=]>(Pattern 1)] [=]>(Pattern 2)] [=]>(Pattern 3)]		[1]



Proposal 10603 - Visit 12 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:03 GMT 2008

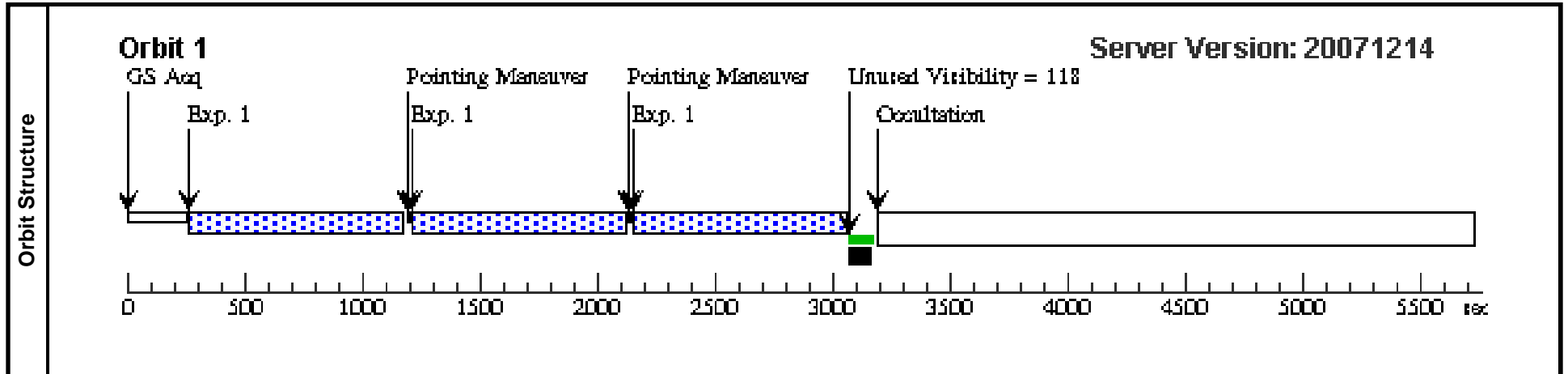
Visit	Proposal 10603, Visit 12, scheduling Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%									
	Diagnosics (Visit 12) Error (Form): 50 is not a valid selection (Visit 12) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 12) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 12) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 12) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
Patterns	#	Primary Pattern		Secondary Pattern	Exposures					
	(3)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.13 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=false		(1)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	OPH-E-MM3	RA: 16 27 5.9100 (246.7746250d) Dec: -24 37 8.20 (-24.61894d) Equinox: J2000		V=25	Coordinate Source: VLT image				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(9) OPH-E-MM3	NIC2, MULTIACCUM, NIC2-FIX	F205W	SAMP-SEQ=STEP1 28; NSAMP=14	GS ACQ SCENARI O SINGLE	Pattern 1-1 (3)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 10603 - Visit 13 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:04 GMT 2008

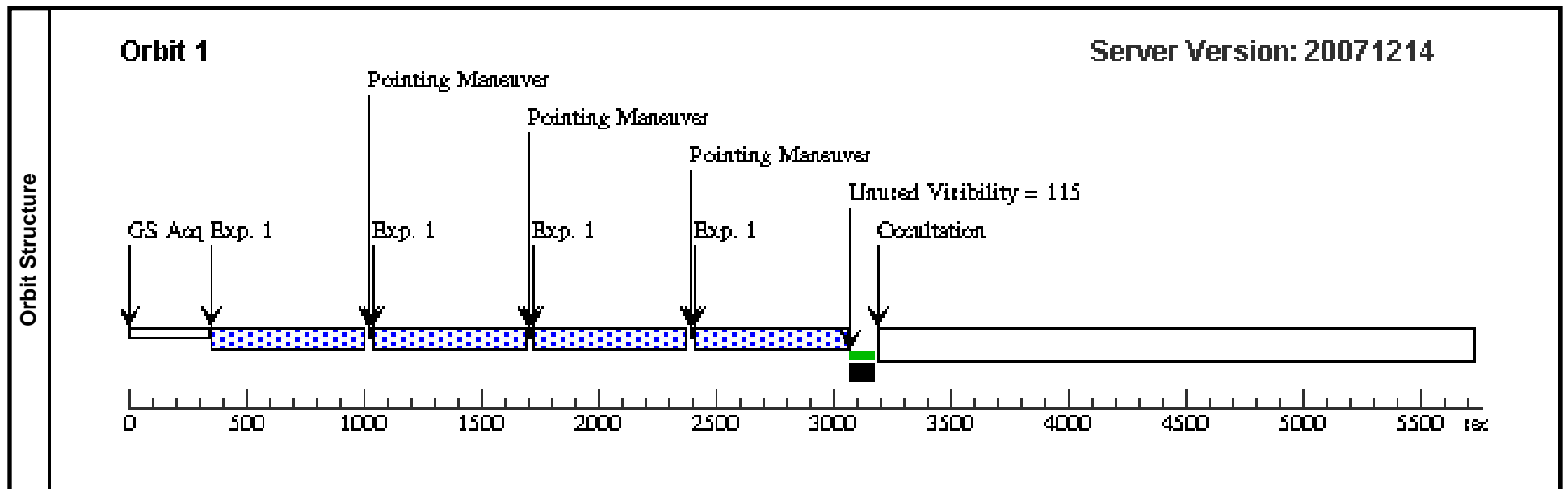
Visit	Proposal 10603, Visit 13, completed Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%										
	Diagnostics	(Visit 13) Error (Form): 50 is not a valid selection (Visit 13) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 13) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 13) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
Patterns		#	Primary Pattern				Secondary Pattern				Exposures
	(2)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=3 Point Spacing=1.13 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(10)	CRBR2422.8-3423	RA: 16 27 24.6100 (246.8525417d) Dec: -24 41 3.40 (-24.68428d) Equinox: J2000			V=25 size=2, J > 21, H=18 +/- 0.2, K=13.3 +/- 0.1		Coordinate Source: 2MASS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(10) CRBR2422.8-3423	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP1 28; NSAMP=16	GS ACQ SCENARI O SINGLE	Pattern 1-1 (2)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]



Proposal 10603 - Visit 14 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:04 GMT 2008

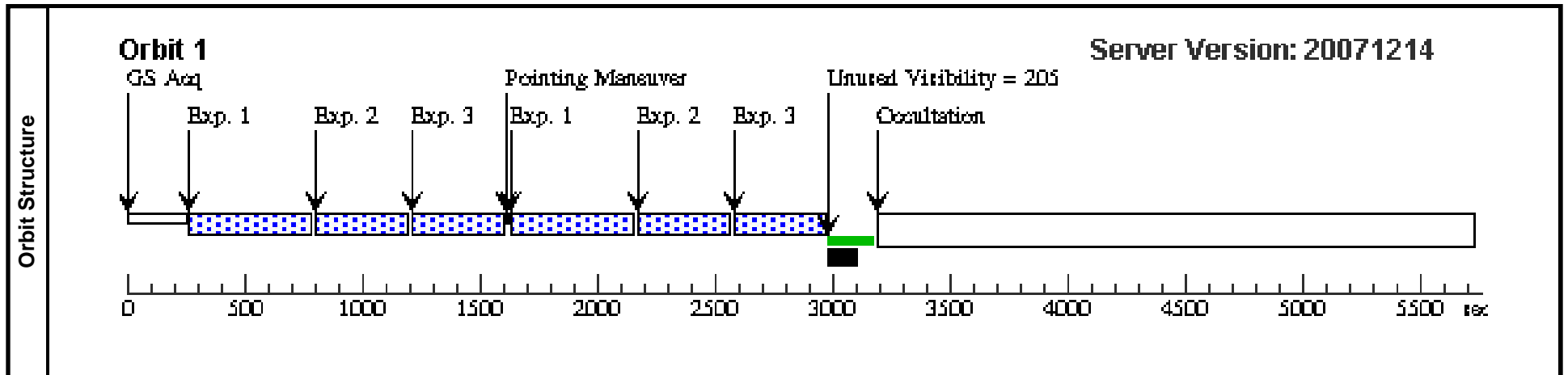
Visit	Proposal 10603, Visit 14, scheduling Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%									
	Diagnosics (Visit 14) Error (Form): 50 is not a valid selection (Visit 14) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 14) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 14) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 14) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
Patterns	#	Primary Pattern		Secondary Pattern	Exposures					
	(3)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.13 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=false		(1)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	CRBR2422.8-3423	RA: 16 27 24.6100 (246.8525417d) Dec: -24 41 3.40 (-24.68428d) Equinox: J2000		V=25 size=2, J > 21, H=18 +/- 0.2, K=13.3 +/- 0.1	Coordinate Source: 2MASS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(10) CRBR2422.8-3423	NIC2, MULTIACCUM, NIC2	F205W	SAMP-SEQ=STEP1 28; NSAMP=14		Pattern 1-1 (3)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10603 - Visit 15 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:04 GMT 2008

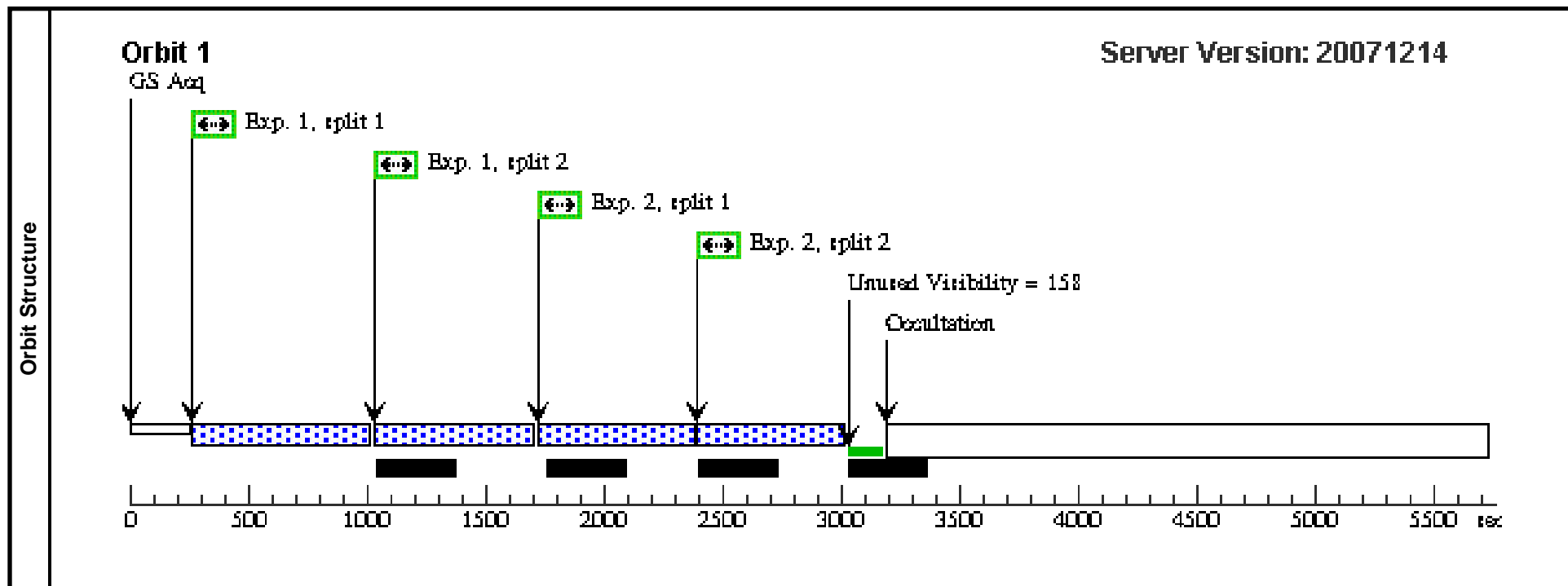
Visit	Proposal 10603, Visit 15, failed Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%									
	(Visit 15) Error (Form): 50 is not a valid selection (Visit 15) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 15) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 15) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 15) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 15) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 15) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 15) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
Diagnosics										
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=NIC-SPIRAL-DITH Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=0.0 Number Of Points=2 Angle Between Sides= Point Spacing=0.75 Center Pattern=false Line Spacing=		(1-3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	2MASSJ1628137-243139 Alt Name1: 2MASSJ16281370-2431391 Alt Name2: FLYING-Saucer	RA: 16 28 13.7000 (247.0570833d) Dec: -24 31 39.00 (-24.52750d) Equinox: J2000		V=18.5 R=18.4, I=17.16, J=15.93, H=14.78, K=13.98	Coordinate Source: 2MASS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) 2MASS1628137-243139	NIC2, MULTIACCUM, NIC2	F110W	SAMP-SEQ=STEP1 28; NSAMP=13	GS ACQ SCENARI O SINGLE	Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(11) 2MASS1628137-243139	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		(11) 2MASS1628137-243139	NIC2, MULTIACCUM, NIC2	F205W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 10603 - Visit 16 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:04 GMT 2008

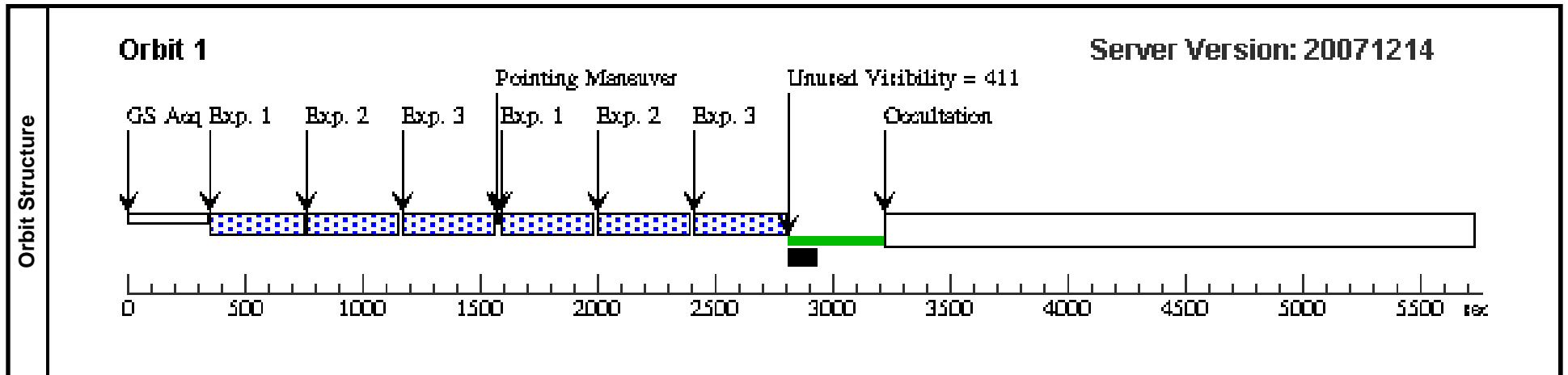
Visit	Proposal 10603, Visit 16, implementation Diagnostic Status: Error Scientific Instruments: ACS/WFC Special Requirements: SCHED 50%									
	(Visit 16) Error (Form): 50 is not a valid selection									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	2MASSJ1628137-243139 Alt Name1: 2MASSJ16281370-2431391 Alt Name2: FLYING-SAUCER	RA: 16 28 13.7000 (247.0570833d) Dec: -24 31 39.00 (-24.52750d) Equinox: J2000		V=18.5 R=18.4, I=17.16, J=15.93, H=14.78, K=13.98	Coordinate Source: 2MASS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) 2MASSJ1628137-243139	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=2	GS ACQ SCENARI O SINGLE		1100.0 Secs	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	
2		(11) 2MASSJ1628137-243139	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=2				1000.0 Secs	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	



Proposal 10603 - Visit 17 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:05 GMT 2008

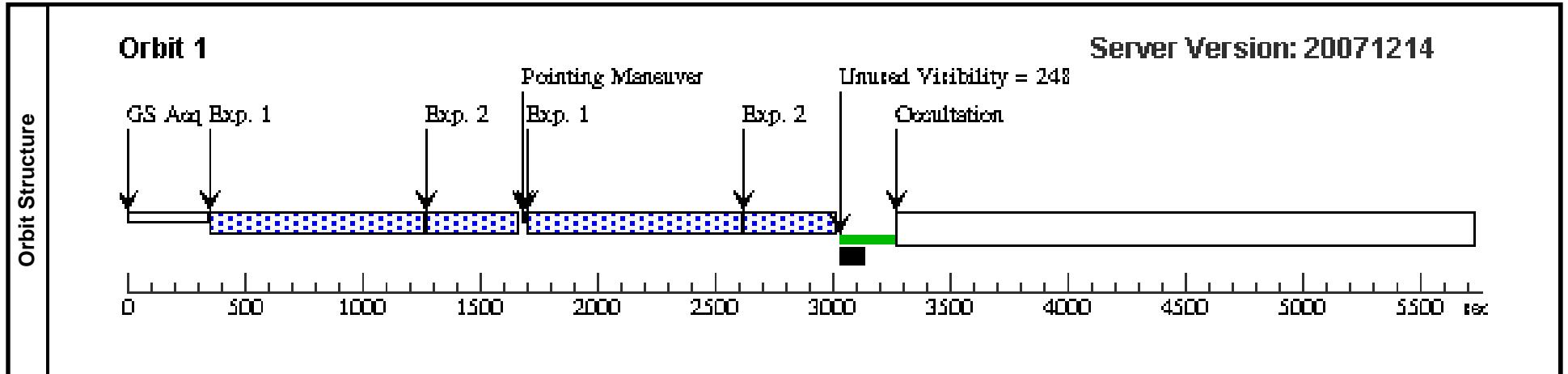
Visit	Proposal 10603, Visit 17, completed Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%									
	(Visit 17) Error (Form): 50 is not a valid selection (Visit 17) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 17) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 17) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 17) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 17) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 17) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 17) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
Diagnosics										
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=NIC-SPIRAL-DITH Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=0.0 Number Of Points=2 Angle Between Sides= Point Spacing=0.75 Center Pattern=false Line Spacing=		(1-3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(12)	IRAS18059-3211 Alt Name1: GOMEZ-HAMBURGER	RA: 18 09 13.4300 (272.3059583d) Dec: -32 10 48.00 (-32.18000d) Equinox: J2000		V=15 R=14.03, I=13.65, J=13.6 +/- 0.06, H=13 +/- 0.07, K=12.1 +/- 0.04	Coordinate Source: Other				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(12) IRAS18059-3211 1	NIC2, MULTIACCUM, NIC2-FIX	F110W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(12) IRAS18059-3211 1	NIC2, MULTIACCUM, NIC2-FIX	F160W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		(12) IRAS18059-3211 1	NIC2, MULTIACCUM, NIC2-FIX	F205W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 10603 - Visit 18 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:05 GMT 2008

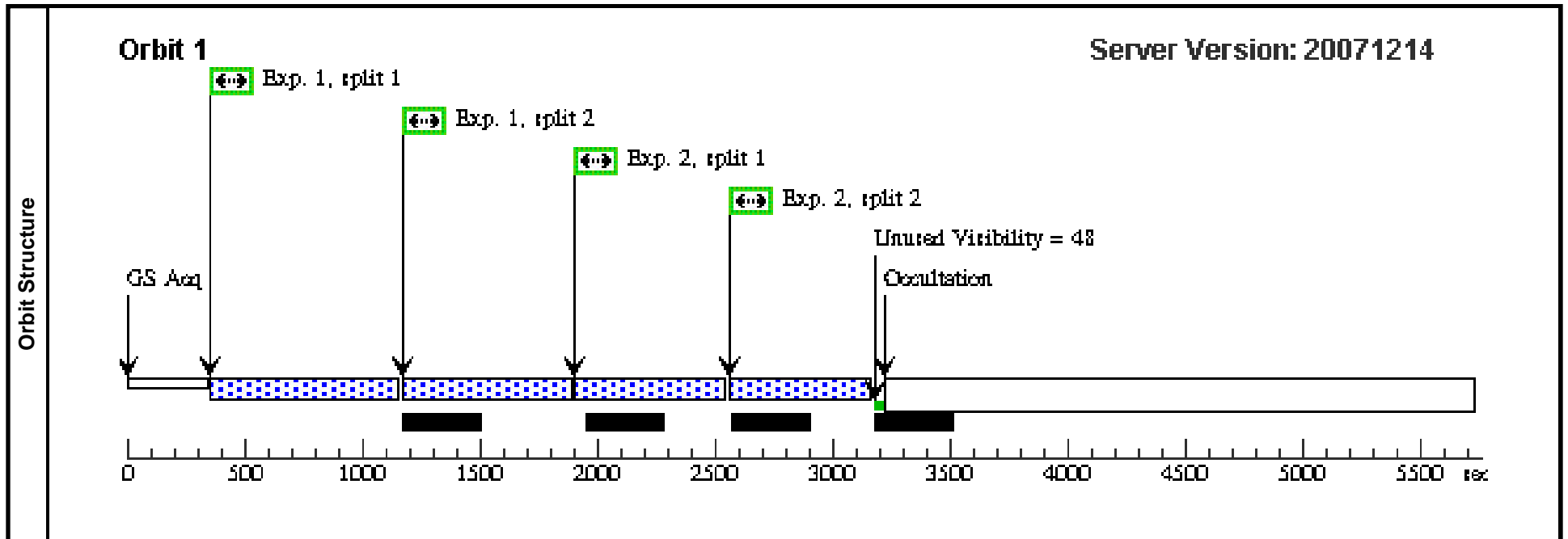
Visit	Proposal 10603, Visit 18, completed Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%									
	Diagnostics	(Visit 18) Error (Form): 50 is not a valid selection								
(Visit 18) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE										
(Visit 18) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE										
(Visit 18) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE										
(Visit 18) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE										
Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
	(1)	Pattern Type=NIC-SPIRAL-DITH		Coordinate Frame=POS-TARG					(1-2)	
		Purpose=DITHER		Pattern Orientation=0.0						
		Number Of Points=2		Angle Between Sides=						
		Point Spacing=0.75		Center Pattern=false						
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(13)	L1014-IRS	RA: 21 24 7.5100 (321.0312917d) Dec: +49 59 9.00 (49.98583d) Equinox: J2000				V=14.2 Actually K band flux	Coordinate Source: Spitzer image		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(13) L1014-IRS	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP1 28; NSAMP=16			Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	(13) L1014-IRS	NIC2, MULTIACCUM, NIC2	F205W	SAMP-SEQ=STEP1 28; NSAMP=12			Pattern 1-2 (1)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 10603 - Visit 19 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:05 GMT 2008

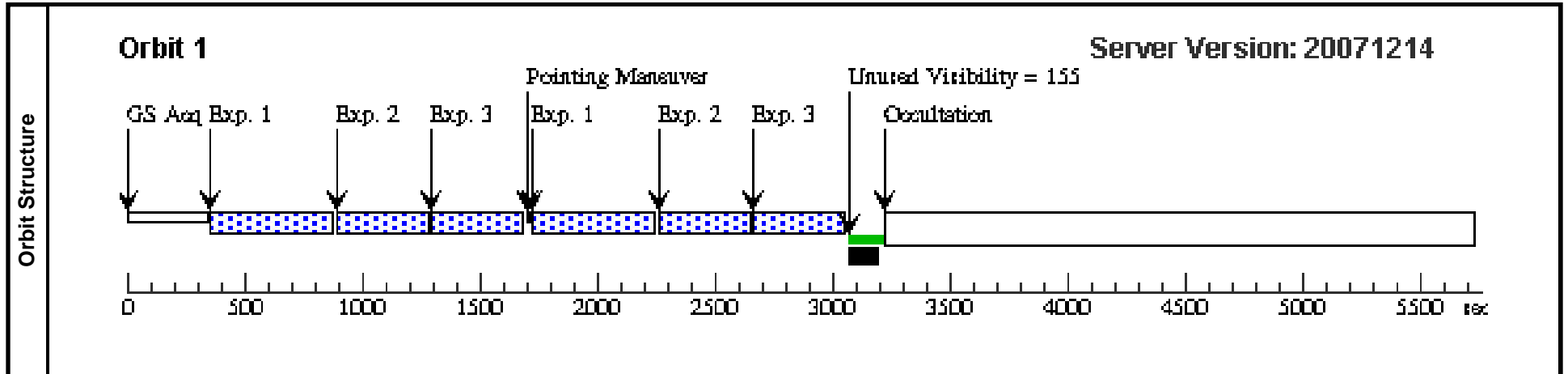
Visit	Proposal 10603, Visit 19, completed Diagnostic Status: Error Scientific Instruments: ACS/WFC Special Requirements: SCHED 50%									
	(Visit 19) Error (Form): 50 is not a valid selection									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	2MASSJ03285129+3117397 Alt Name1: ASR-41	RA: 03 28 51.3200 (52.2138333d) Dec: +31 17 40.00 (31.29444d) Equinox: J2000		V=20.2 I band magnitude	Coordinate Source: 2MASS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(14) 2MASSJ03285129+3117397	ACS/WFC, ACCUM, WFC1	F555W				1200.0 Secs	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	
2		(14) 2MASSJ03285129+3117397	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=2				960.0 Secs	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	



Proposal 10603 - Visit 20 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:06 GMT 2008

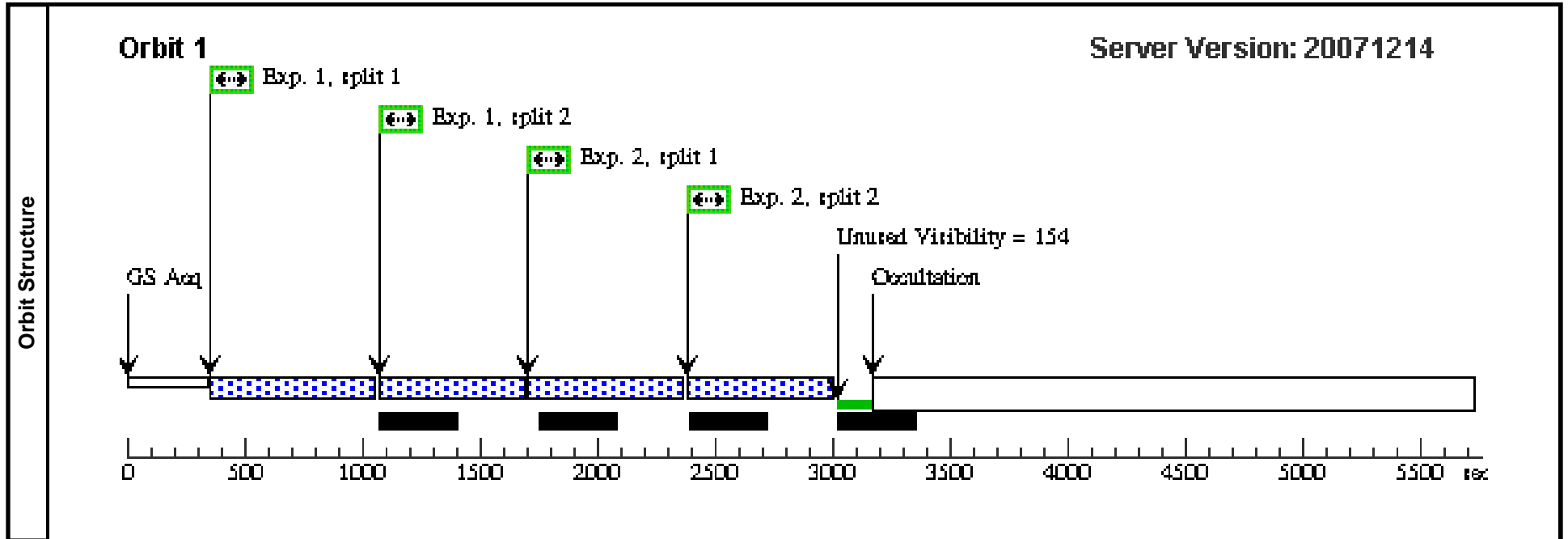
Visit	Proposal 10603, Visit 20, completed Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%									
	(Visit 20) Error (Form): 50 is not a valid selection (Visit 20) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 20) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 20) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 20) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 20) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 20) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 20) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
Diagnosics										
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=NIC-SPIRAL-DITH Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=0.0 Number Of Points=2 Angle Between Sides= Point Spacing=0.75 Center Pattern=false Line Spacing=		(1-3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	2MASSJ03285129+3117397 Alt Name1: ASR-41	RA: 03 28 51.3200 (52.2138333d) Dec: +31 17 40.00 (31.29444d) Equinox: J2000		V=20.2 I band magnitude	Coordinate Source: 2MASS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(14) 2MASSJ03285129+3117397	NIC2, MULTIACCUM, NIC2-FIX	F110W	SAMP-SEQ=STEP1 28; NSAMP=13		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(14) 2MASSJ03285129+3117397	NIC2, MULTIACCUM, NIC2-FIX	F160W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		(14) 2MASSJ03285129+3117397	NIC2, MULTIACCUM, NIC2-FIX	F205W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 10603 - Visit 21 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:06 GMT 2008

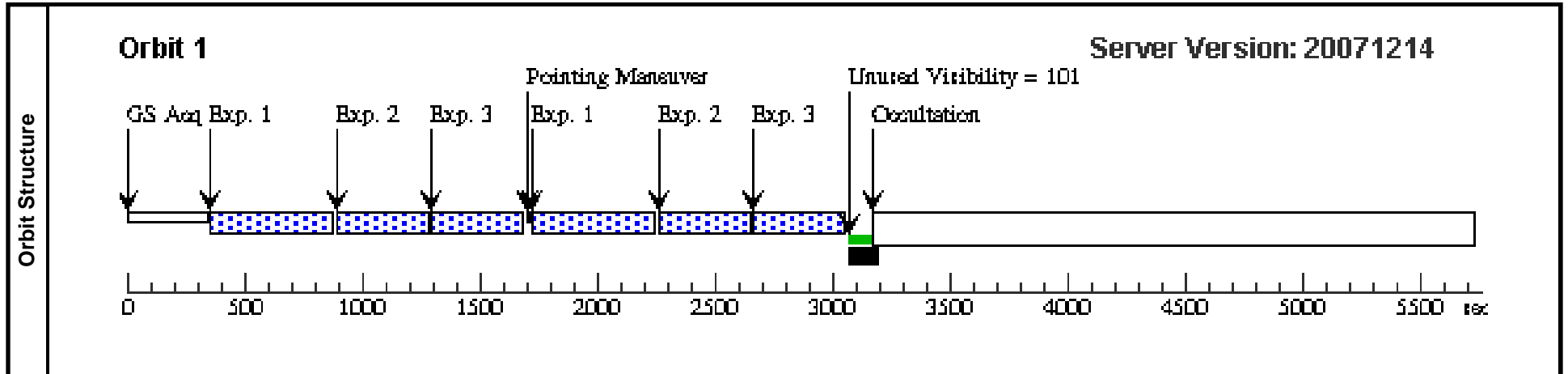
Visit	Proposal 10603, Visit 21, completed Diagnostic Status: Error Scientific Instruments: ACS/WFC Special Requirements: SCHED 50%; ORIENT 15.0D TO 65.0 D; ORIENT 105.0D TO 155.0 D; ORIENT 195.0D TO 245.0 D; ORIENT 285.0D TO 335.0 D									
	(Visit 21) Error (Form): 50 is not a valid selection									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(15)	2MASSJ05352157-0509389	RA: 05 35 21.5700 (83.8398750d) Dec: -05 09 38.90 (-5.16081d) Equinox: J2000		V=14.1 J magnitude	Coordinate Source: Other				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(15) 2MASSJ05352157-0509389	ACS/WFC, ACCUM, WFC1	F555W				1000.0 Secs	
									[=>(Split 1)]	[1]
									[=>(Split 2)]	
2		(15) 2MASSJ05352157-0509389	ACS/WFC, ACCUM, WFC1	F814W					1000.0 Secs	
									[=>(Split 1)]	[1]
									[=>(Split 2)]	



Proposal 10603 - Visit 22 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:06 GMT 2008

Visit	Proposal 10603, Visit 22, completed Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%									
	(Visit 22) Error (Form): 50 is not a valid selection (Visit 22) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 22) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 22) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 22) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 22) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE (Visit 22) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
Diagnosics										
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=NIC-SPIRAL-DITH Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=0.0 Number Of Points=2 Angle Between Sides= Point Spacing=0.75 Center Pattern=false Line Spacing=		(1-3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(15)	2MASSJ05352157-0509389	RA: 05 35 21.5700 (83.8398750d) Dec: -05 09 38.90 (-5.16081d) Equinox: J2000		V=14.1 J magnitude	Coordinate Source: Other				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(15) 2MASSJ05352157-0509389	NIC2, MULTIACCUM, NIC2	F110W	SAMP-SEQ=STEP1 28; NSAMP=13		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(15) 2MASSJ05352157-0509389	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		(15) 2MASSJ05352157-0509389	NIC2, MULTIACCUM, NIC2	F205W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]

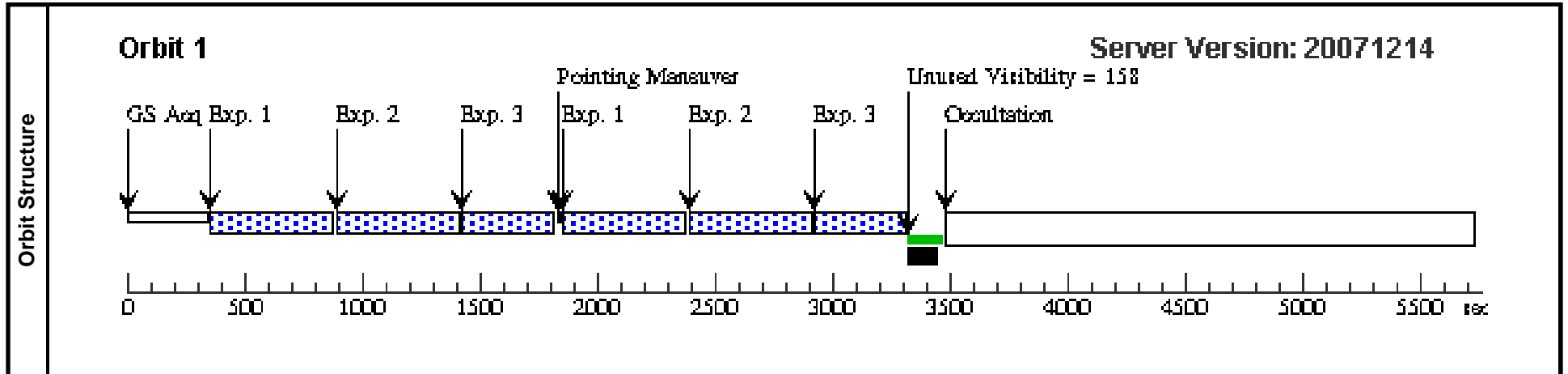


Visit	Proposal 10603, Visit 23, failed Diagnostic Status: Error Scientific Instruments: ACS/WFC Special Requirements: SCHED 50%; ORIENT 280.0D TO 325.0 D									
	(Visit 23) Error (Form): 50 is not a valid selection									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(16)	2MASSJ20570655+7736559	RA: 20 57 6.5500 (314.2772917d) Dec: +77 36 55.90 (77.61553d) Equinox: J2000 Plate Id: 00A8		V=14.7 V mag above is actually J band. J=14.76, H=13.56, K=12.71	Coordinate Source: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(16) 2MASSJ20570655+7736559	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=2			2600.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20071214 Unused Visibility = 178 									

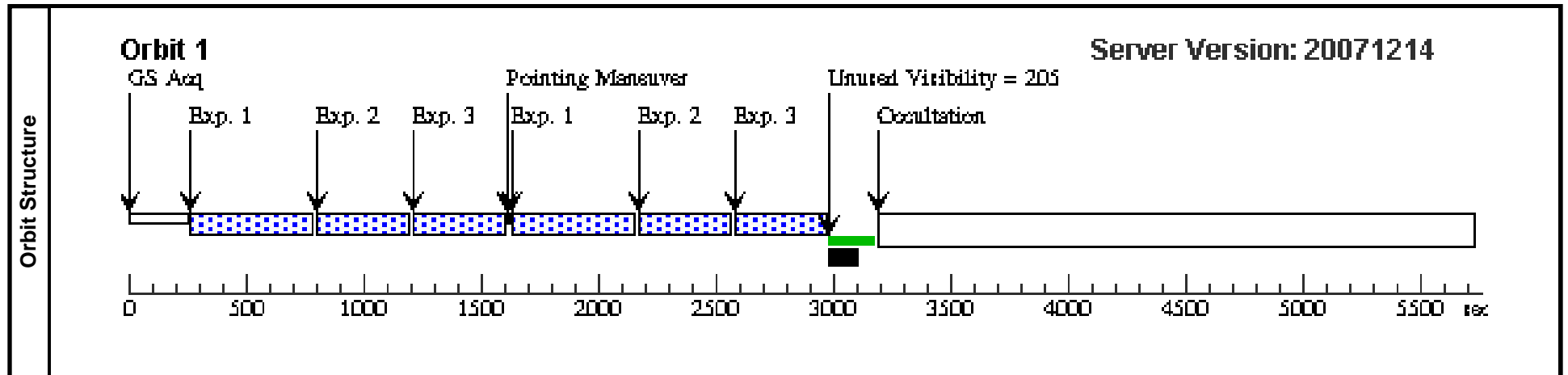
Proposal 10603 - Visit 24 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:07 GMT 2008

Visit	Proposal 10603, Visit 24, completed Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%									
	(Visit 24) Error (Form): 50 is not a valid selection									
Diagnosics										
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=NIC-SPIRAL-DITH Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=0.0 Number Of Points=2 Angle Between Sides= Point Spacing=0.75 Center Pattern=false Line Spacing=		(1-3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(16)	2MASSJ20570655+7736559	RA: 20 57 6.5500 (314.2772917d) Dec: +77 36 55.90 (77.61553d) Equinox: J2000 Plate Id: 00A8		V=14.7 V mag above is actually J band. J=14.76, H=13.56, K=12.71	Coordinate Source: HST_IMAGE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(16) 2MASSJ20570655+7736559	NIC2, MULTIACCUM, NIC2-FIX	F110W	SAMP-SEQ=STEP1 28; NSAMP=13		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(16) 2MASSJ20570655+7736559	NIC2, MULTIACCUM, NIC2-FIX	F160W	SAMP-SEQ=STEP1 28; NSAMP=13		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		(16) 2MASSJ20570655+7736559	NIC2, MULTIACCUM, NIC2-FIX	F205W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]



Visit	Proposal 10603, Visit 65, implementation									
	Diagnostic Status: Error Scientific Instruments: NIC2 Special Requirements: SCHED 50%									
Diagnostics	(Visit 65) Error (Form): 50 is not a valid selection									
	(Visit 65) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
	(Visit 65) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
	(Visit 65) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
	(Visit 65) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
	(Visit 65) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
	(Visit 65) Warning (OP): COORDINATE-SOURCE OF OTHER-SOURCE FOR SMALL APERTURE									
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=2 Point Spacing=0.75 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=false	(1-3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(17)	2MASSJ1628137-243139-COPY Alt Name1: 2MASSJ16281370-2431391 Alt Name2: FLYING-SAUCE	RA: 16 28 13.7000 (247.0570833d) Dec: -24 31 39.00 (-24.52750d) Equinox: J2000		V=18.5 R=18.4, I=17.16, J=15.93, H=14.78, K=13.98	Coordinate Source: 2MASS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(17) 2MASS1628137-243139-COPY	NIC2, MULTIACCUM, NIC2	F110W	SAMP-SEQ=STEP1 28; NSAMP=13	GS ACQ SCENARI O SINGLE	Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2		(17) 2MASS1628137-243139-COPY	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3		(17) 2MASS1628137-243139-COPY	NIC2, MULTIACCUM, NIC2	F205W	SAMP-SEQ=STEP1 28; NSAMP=12		Pattern 1-3 (1)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]



Visit	Proposal 10603, Visit 73, implementation Diagnostic Status: Error Scientific Instruments: ACS/WFC Special Requirements: SCHED 50%; ORIENT 280.0D TO 325.0 D																												
	(Visit 73) Error (Form): 50 is not a valid selection																												
Diagnostics																													
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>(16)</td> <td>2MASSJ20570655+7736559</td> <td> RA: 20 57 6.5500 (314.2772917d) Dec: +77 36 55.90 (77.61553d) Equinox: J2000 Plate Id: 00A8 </td> <td></td> <td> V=14.7 V mag above is actually J band. J=14.76, H=13.56, K=12.71 </td> <td>Coordinate Source: HST_IMAGE</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(16)	2MASSJ20570655+7736559	RA: 20 57 6.5500 (314.2772917d) Dec: +77 36 55.90 (77.61553d) Equinox: J2000 Plate Id: 00A8		V=14.7 V mag above is actually J band. J=14.76, H=13.56, K=12.71	Coordinate Source: HST_IMAGE																
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(16)	2MASSJ20570655+7736559	RA: 20 57 6.5500 (314.2772917d) Dec: +77 36 55.90 (77.61553d) Equinox: J2000 Plate Id: 00A8		V=14.7 V mag above is actually J band. J=14.76, H=13.56, K=12.71	Coordinate Source: HST_IMAGE																								
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>(16) 2MASSJ20570655+7736559</td> <td>ACS/WFC, ACCUM, WFC1</td> <td>F555W</td> <td>CR-SPLIT=2</td> <td></td> <td></td> <td>2600.0 Secs</td> <td></td> </tr> </tbody> </table>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1		(16) 2MASSJ20570655+7736559	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=2			2600.0 Secs									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																			
1		(16) 2MASSJ20570655+7736559	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=2			2600.0 Secs																					
								[==>(Split 1)] [==>(Split 2)]	[1]																				
Orbit Structure	<p>Orbit 1 Server Version: 20071214</p> <p>Timeline details: - 0 to ~350s: GS Acq - ~350s to ~1900s: Exp. 1, split 1 - ~1900s to ~2100s: Exp. 1, split 2 - ~2100s to ~3300s: Unused Visibility = 178 - ~3300s to ~3500s: Occultation - ~3500s to 5500s: Observation period</p>																												

Visit	Proposal 10603, Visit 83, implementation Diagnostic Status: Error Scientific Instruments: WFPC2 Special Requirements: SCHED 50%; ORIENT 280.0D TO 325.0 D																									
	(Visit 83) Error (Form): 50 is not a valid selection																									
Diagnosics																										
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>(16)</td> <td>2MASSJ20570655+7736559</td> <td>RA: 20 57 6.5500 (314.2772917d) Dec: +77 36 55.90 (77.61553d) Equinox: J2000 Plate Id: 00A8</td> <td></td> <td>V=14.7 V mag above is actually J band. J=14.76, H=13.56, K=12.71</td> <td>Coordinate Source: HST_IMAGE</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(16)	2MASSJ20570655+7736559	RA: 20 57 6.5500 (314.2772917d) Dec: +77 36 55.90 (77.61553d) Equinox: J2000 Plate Id: 00A8		V=14.7 V mag above is actually J band. J=14.76, H=13.56, K=12.71	Coordinate Source: HST_IMAGE													
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																				
(16)	2MASSJ20570655+7736559	RA: 20 57 6.5500 (314.2772917d) Dec: +77 36 55.90 (77.61553d) Equinox: J2000 Plate Id: 00A8		V=14.7 V mag above is actually J band. J=14.76, H=13.56, K=12.71	Coordinate Source: HST_IMAGE																					
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>(16) 2MASSJ20570655+7736559</td> <td>WFPC2, IMAGE, WF3</td> <td>F606W</td> <td>CR-SPLIT=NO</td> <td>GS ACQ SCENARI O SINGLE</td> <td></td> <td>700.0 Secs X 3 [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 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		(16) 2MASSJ20570655+7736559	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE		700.0 Secs X 3 [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)]	[1]					
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																
1		(16) 2MASSJ20570655+7736559	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE		700.0 Secs X 3 [=>(Copy 1)] [=>(Copy 2)] [=>(Copy 3)]	[1]																	
Orbit Structure	<p>Orbit 1 Server Version: 20071214</p> <p>Unread Visibility = 338</p>																									

Proposal 10603 - Visit 86 - Multiwavelength Imaging of Edge-on Protoplanetary Disks: Quantifying the Growth of Circum...

Thu Jan 17 19:34:08 GMT 2008

Visit	Proposal 10603, Visit 86, implementation Diagnostic Status: Error Scientific Instruments: WFPC2 Special Requirements: SCHED 50%									
	(Visit 86) Error (Form): 50 is not a valid selection									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	2MASSJ1628137-243139 Alt Name1: 2MASSJ16281370-2431391 Alt Name2: FLYING-SAUCER	RA: 16 28 13.7000 (247.0570833d) Dec: -24 31 39.00 (-24.52750d) Equinox: J2000		V=18.5 R=18.4, I=17.16, J=15.93, H=14.78, K=13.98	Coordinate Source: 2MASS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) 2MASSJ1628137-243139	WFPC2, IMAGE, PC1	F555W	CR-SPLIT=0.5	GS ACQ SCENARI O SINGLE		1200.0 Secs	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	
2		(11) 2MASSJ1628137-243139	WFPC2, IMAGE, PC1	F814W	CR-SPLIT=0.5				800.0 Secs	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	

