



## 10858 - NICMOS Imaging of the $z \sim 2$ Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Cycle: 15, 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) MIPS15928	NIC2	1	30-Jan-2007 21:39:10.0	yes
02	(2) MIPS8342	NIC2	1	30-Jan-2007 21:39:15.0	yes
03	(3) MIPS15880	NIC2	1	30-Jan-2007 21:39:19.0	yes
04	(4) MIPS8493	NIC2	1	30-Jan-2007 21:39:22.0	yes
05	(5) MIPS289	NIC2	1	30-Jan-2007 21:39:25.0	yes
06	(6) MIPS22530	NIC2	1	30-Jan-2007 21:39:28.0	yes
07	(7) MIPS429	NIC2	2	30-Jan-2007 21:39:33.0	yes

Proposal 10858 (STScI Edit Number: 1, Created: Tuesday, January 30, 2007 9:41:53 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>
08	(8) MIPS16144	NIC2	1	30-Jan-2007 21:39:39.0	yes
09	(9) MIPS16059	NIC2	2	30-Jan-2007 21:39:44.0	yes
10	(10) MIPS506 ANY	ACS/WFC NIC2	1	30-Jan-2007 21:39:52.0	yes
11	(11) MIPS16095	NIC2	2	30-Jan-2007 21:39:58.0	yes
12	(12) MIPS22277	NIC2	1	30-Jan-2007 21:40:03.0	yes
13	(13) MIPS22651	NIC2	1	30-Jan-2007 21:40:06.0	yes
14	(14) MIPS16113	NIC2	2	30-Jan-2007 21:40:11.0	yes
15	(15) MIPS464	NIC2	2	30-Jan-2007 21:40:16.0	yes
16	(16) MIPS22482	NIC2	1	30-Jan-2007 21:40:20.0	yes
17	(17) MIPS42	NIC2	2	30-Jan-2007 21:40:25.0	yes
18	(18) MIPS16080	NIC2	1	30-Jan-2007 21:40:29.0	yes
19	(19) MIPS15958	NIC2	1	30-Jan-2007 21:40:32.0	yes
20	(20) MIPS16122	NIC2	2	30-Jan-2007 21:40:37.0	yes
21	(21) MIPS22204	NIC2	1	30-Jan-2007 21:40:41.0	yes
22	(22) MIPS15949	NIC2	1	30-Jan-2007 21:40:43.0	yes
23	(23) MIPS78	NIC2	2	30-Jan-2007 21:40:48.0	yes
24	(24) MIPS180	NIC2	2	30-Jan-2007 21:40:57.0	yes
25	(25) MIPS22303	NIC2	2	30-Jan-2007 21:41:03.0	yes
26	(26) MIPS8327	NIC2	2	30-Jan-2007 21:41:08.0	yes
27	(27) MIPS8242	NIC2	1	30-Jan-2007 21:41:12.0	yes
28	(28) MIPS8196	NIC2	1	30-Jan-2007 21:41:15.0	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>
29	(29) MIPS8245	NIC2	2	30-Jan-2007 21:41:20.0	yes
30	(30) MIPS22699	NIC2	2	30-Jan-2007 21:41:25.0	yes
31	(31) MIPS22558	NIC2	2	30-Jan-2007 21:41:31.0	yes
32	(32) MIPS15840	NIC2	2	30-Jan-2007 21:41:40.0	yes
33	(33) MIPS227	NIC2	1	30-Jan-2007 21:41:43.0	yes
34	(34) MIPS22661	NIC2	2	30-Jan-2007 21:41:48.0	yes
35	(35) MIPS15977	NIC2	1	30-Jan-2007 21:41:52.0	yes

51 Total Orbits Used

### **ABSTRACT**

We propose to obtain NICMOS images of the first large sample of high- $z$  ultra-luminous infrared galaxies (ULIRGs) whose redshifts and physical states have been determined with Spitzer mid-IR spectra. The detection of strong silicate absorption and/or PAH emission lines suggest that these sources are a mixture of highly obscured starbursts, AGNs and composite systems at  $z=2$ . Although some of the spectra show PAH emission similar to local starburst ULIRGs, their bolometric luminosities are roughly an order of magnitude higher. One important question is if major mergers, which are the trigger for 95% of local ULIRGs, also drive this enormous energy output observed in our  $z=2$  sample. The NICMOS images will allow us to (1) measure surface brightness profiles of  $z\sim 2$  ULIRGs and establish if major mergers could be common among our luminous sources at these early epochs, (2) determine if starbursts and AGNs classified based on their mid-IR spectra would have different morphological signatures, thus different dynamic state; (3) make comparisons with the similar studies of ULIRGs at  $z \sim 0 - 1$ , thus infer any evolutionary connections between high- $z$  ULIRGs and the formation of normal, massive galaxies and quasars observed today.

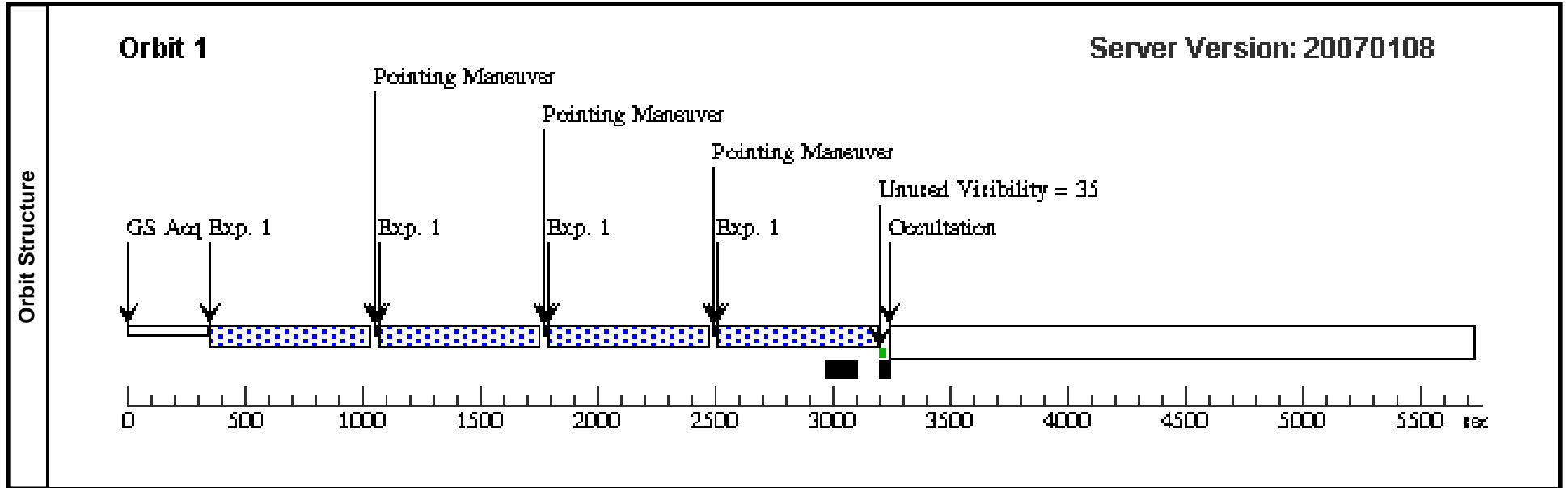
### **OBSERVING DESCRIPTION**

For each orbit, 5 multiaccum step64 sequences are used. The first of these sequences are obtained using a 4-point spiral dither pattern with offset = 25.5 pixels = 1.92 arcseconds centered on the target position. This dither pattern is used to better sample the instrumental PSF and to aid with the recognition and elimination of data artifacts.

Proposal 10858 - Visit 01 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:41:54 GMT 2007

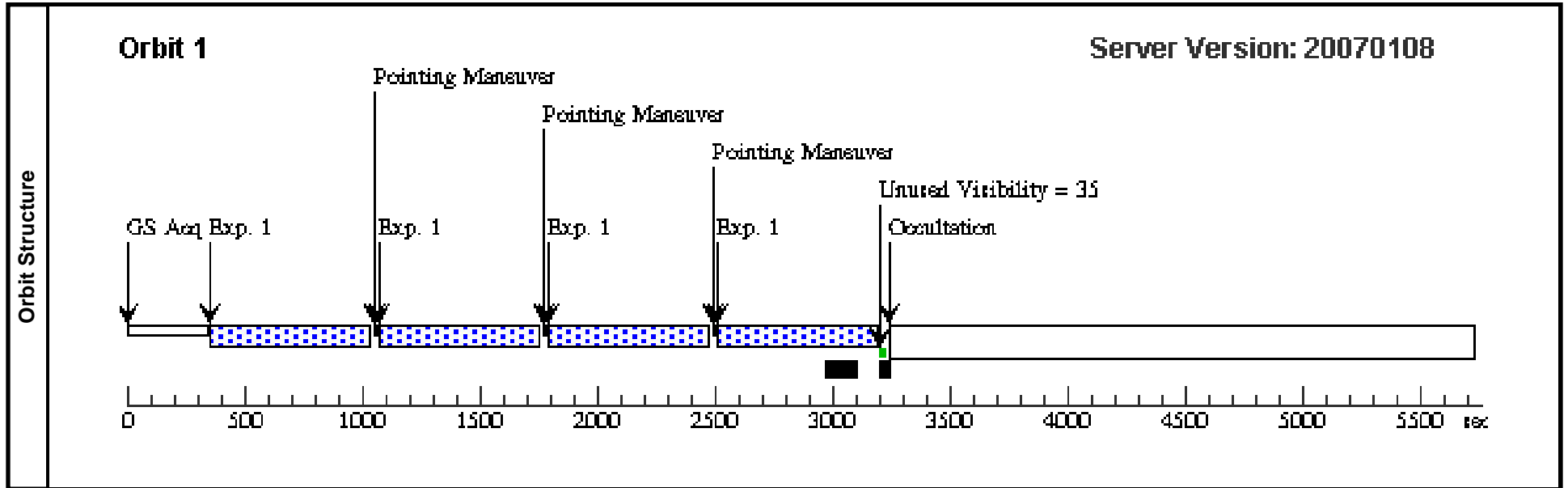
<b>Visit</b>	<b>Proposal 10858, Visit 01, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true						(1)		
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(1)	MIPS15928	RA: 17 19 17.4744 (259.8228100d) Dec: +60 15 19.62 (60.25545d) Equinox: J2000	Proper Motion RA: 0.0s/yr Proper Motion Dec: 0.0"/yr Epoch of Position: Redshift: 1.52	V=25.0 H-band 19.5, irac chan 1 37.6uJy	Reference Frame: ICRS					
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>		<b>Orbit</b>
	1	nic2prime	(1) MIPS15928	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 10858 - Visit 02 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:41:55 GMT 2007

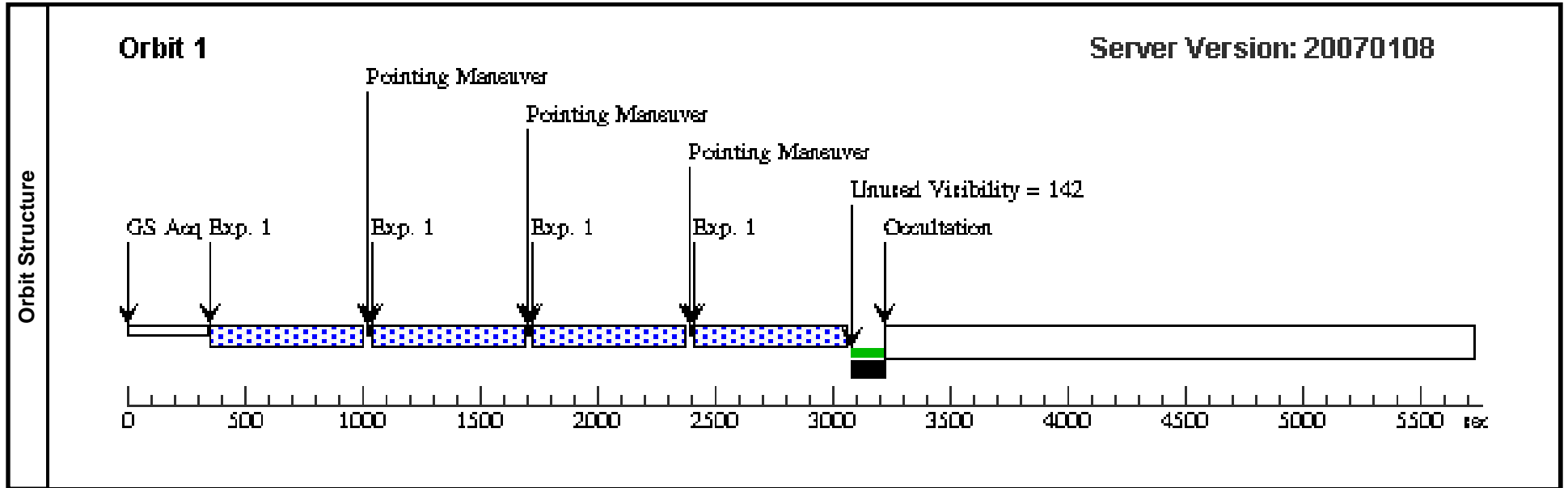
Visit	<b>Proposal 10858, Visit 02, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
		(1)	Pattern Type=NIC-SPIRAL-DITH	Coordinate Frame=POS-TARG						
		Purpose=DITHER	Pattern Orientation=2							
		Number Of Points=4	Angle Between Sides=							
		Point Spacing=1.5	Center Pattern=true							
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	MIPS8342	RA: 17 14 11.4480 (258.5477000d) Dec: +60 11 9.20 (60.18589d) Equinox: J2000	Redshift: 1.57	V=18.0 Hband 19.6 38uJy	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	nic2prime	(2) MIPS8342	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10858 - Visit 03 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:41:56 GMT 2007

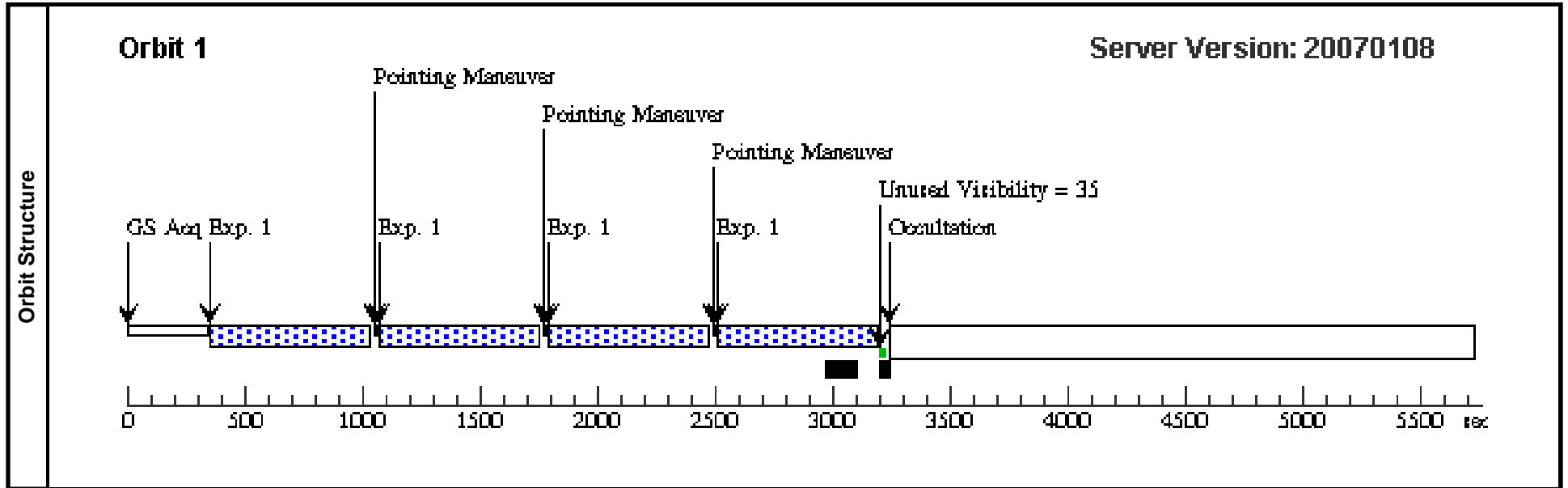
<b>Visit</b>	<b>Proposal 10858, Visit 03, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>
(1)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true				(1)			
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>		<b>Miscellaneous</b>		
	(3)	MIPS15880	RA: 17 21 19.6080 (260.3317000d) Dec: +59 58 17.87 (59.97163d) Equinox: J2000			V=18.0 Hband 18.7	Reference Frame: ICRS			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(3) MIPS15880	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 10858 - Visit 04 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:41:56 GMT 2007

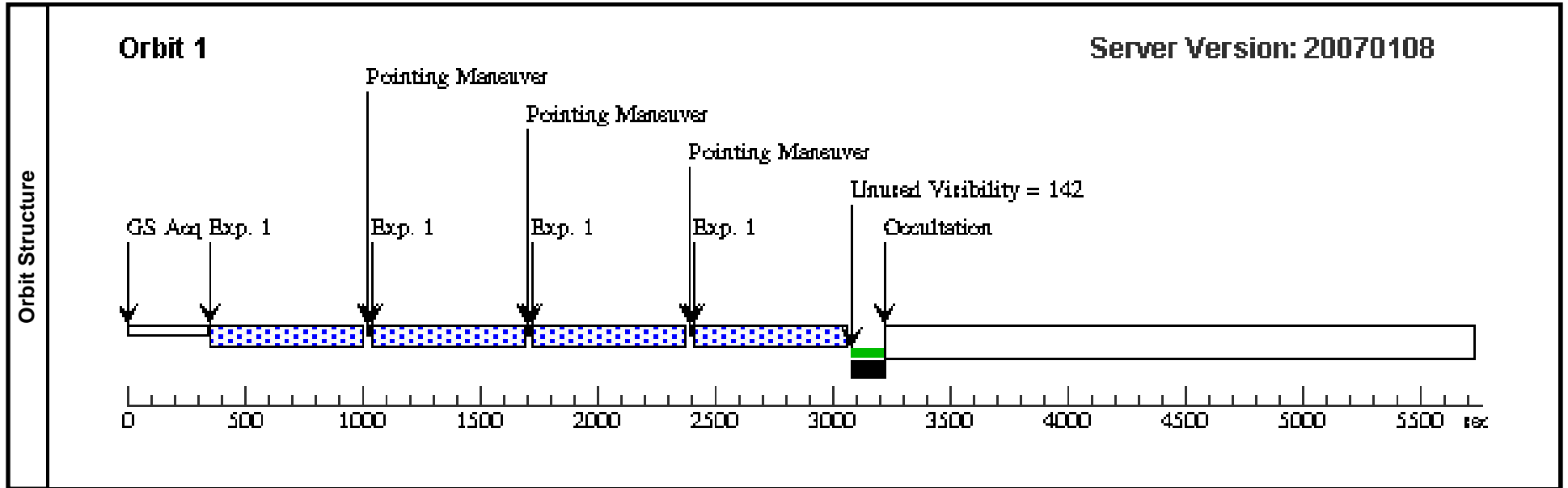
<b>Visit</b>	<b>Proposal 10858, Visit 04, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>
(1)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true						(1)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>		<b>Miscellaneous</b>	
	(4)	MIPS8493	RA: 17 18 4.9944 (259.5208100d) Dec: +60 08 32.28 (60.14230d) Equinox: J2000					V=18.0 Hband 19.6 37uJy	Reference Frame: ICRS	
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(4) MIPS8493	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10858 - Visit 05 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:41:56 GMT 2007

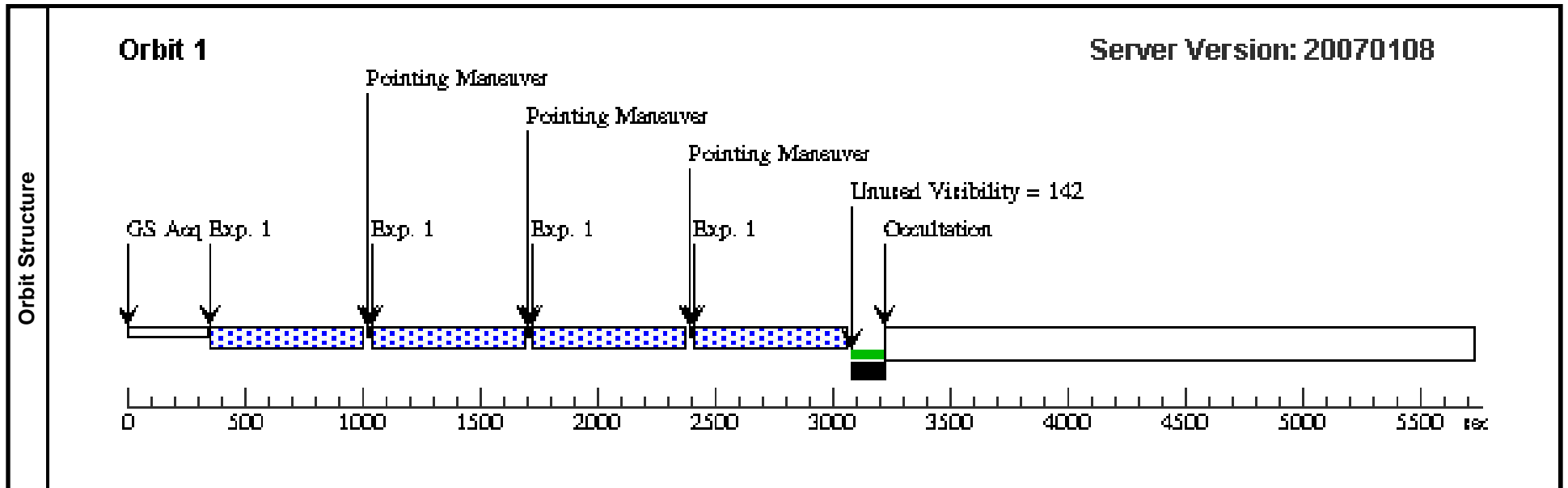
<b>Visit</b>	<b>Proposal 10858, Visit 05, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=NIC-SPIRAL-DITH	Coordinate Frame=POS-TARG							(1)	
		Purpose=DITHER	Pattern Orientation=2								
		Number Of Points=4	Angle Between Sides=								
		Point Spacing=1.5	Center Pattern=true								
		Line Spacing=									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(5)	MIPS289	RA: 17 13 50.0400 (258.4585000d)	Dec: +58 56 54.46 (58.94846d)			V=18.0+/-0.1 H-band 17.5 248uJy (close to an other)	Reference Frame: ICRS			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>		<b>Orbit</b>
	1	nic2prime	(5) MIPS289	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 10858 - Visit 06 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:41:57 GMT 2007

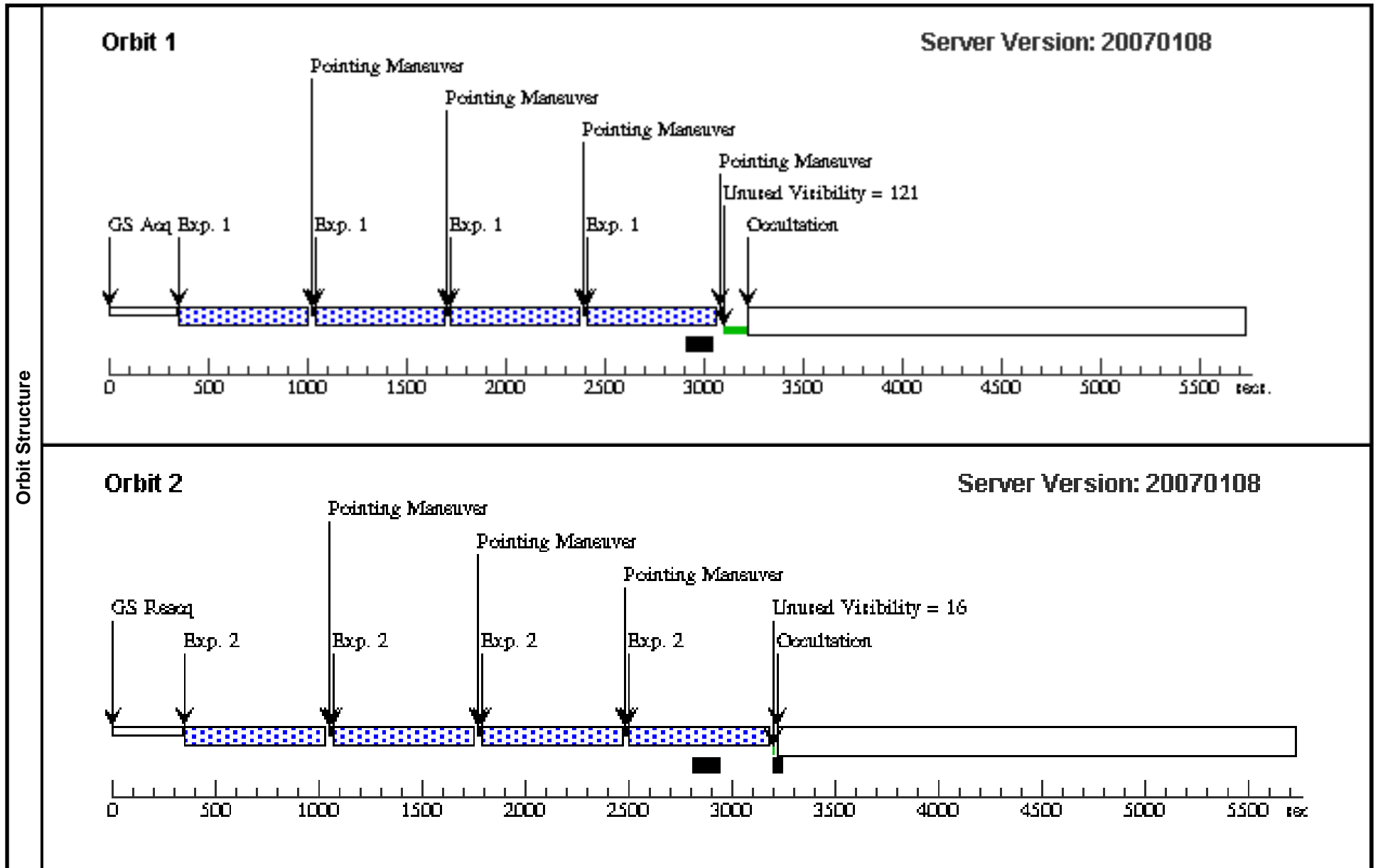
<b>Visit</b>	<b>Proposal 10858, Visit 06, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>
(1)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true				(1)			
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>			
	(6)	MIPS22530	RA: 17 23 3.3096 (260.7637900d) Dec: +59 16 0.55 (59.26682d) Equinox: J2000			V=18.0+/-0.1 H-band 20.1 45uJy	Reference Frame: ICRS			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(6) MIPS22530	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10858 - Visit 07 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:41:57 GMT 2007

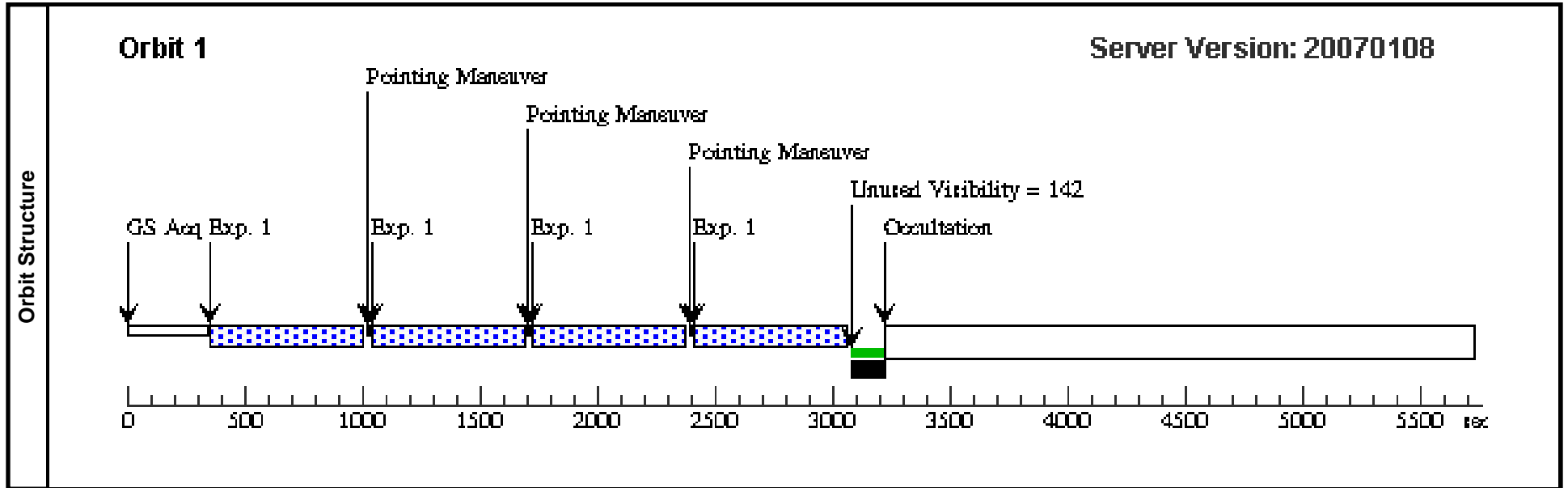
<b>Visit</b>	<b>Proposal 10858, Visit 07, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (07.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(7)	MIPS429	RA: 17 16 11.8056 (259.0491900d) Dec: +59 12 13.32 (59.20370d) Equinox: J2000		V=18.0+/-0.1 H-band 20.5 12uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(7) MIPS429	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(7) MIPS429	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 08 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:41:58 GMT 2007

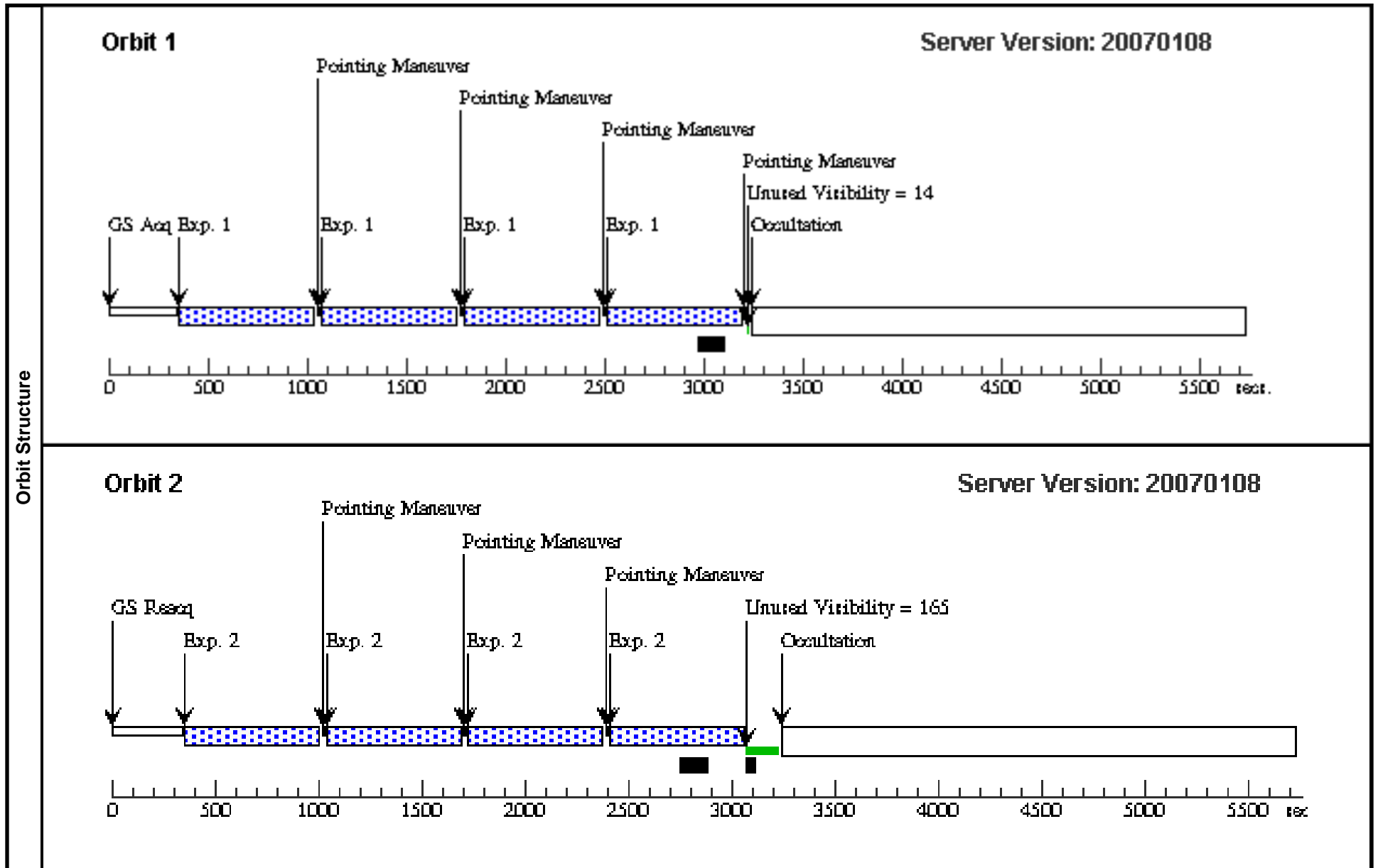
<b>Visit</b>	<b>Proposal 10858, Visit 08, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=NIC-SPIRAL-DITH	Coordinate Frame=POS-TARG						(1)		
		Purpose=DITHER	Pattern Orientation=2								
		Number Of Points=4	Angle Between Sides=								
		Point Spacing=1.5	Center Pattern=true								
		Line Spacing=									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>		<b>Miscellaneous</b>		
	(8)	MIPS16144	RA: 17 24 22.0320 (261.0918000d)	Dec: +59 31 50.63 (59.53073d)	Equinox: J2000		V=18.0+/-0.1	H-band 19 65uJy	Reference Frame: ICRS		
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>	
	1	nic2prime	(8) MIPS16144	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 10858 - Visit 09 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

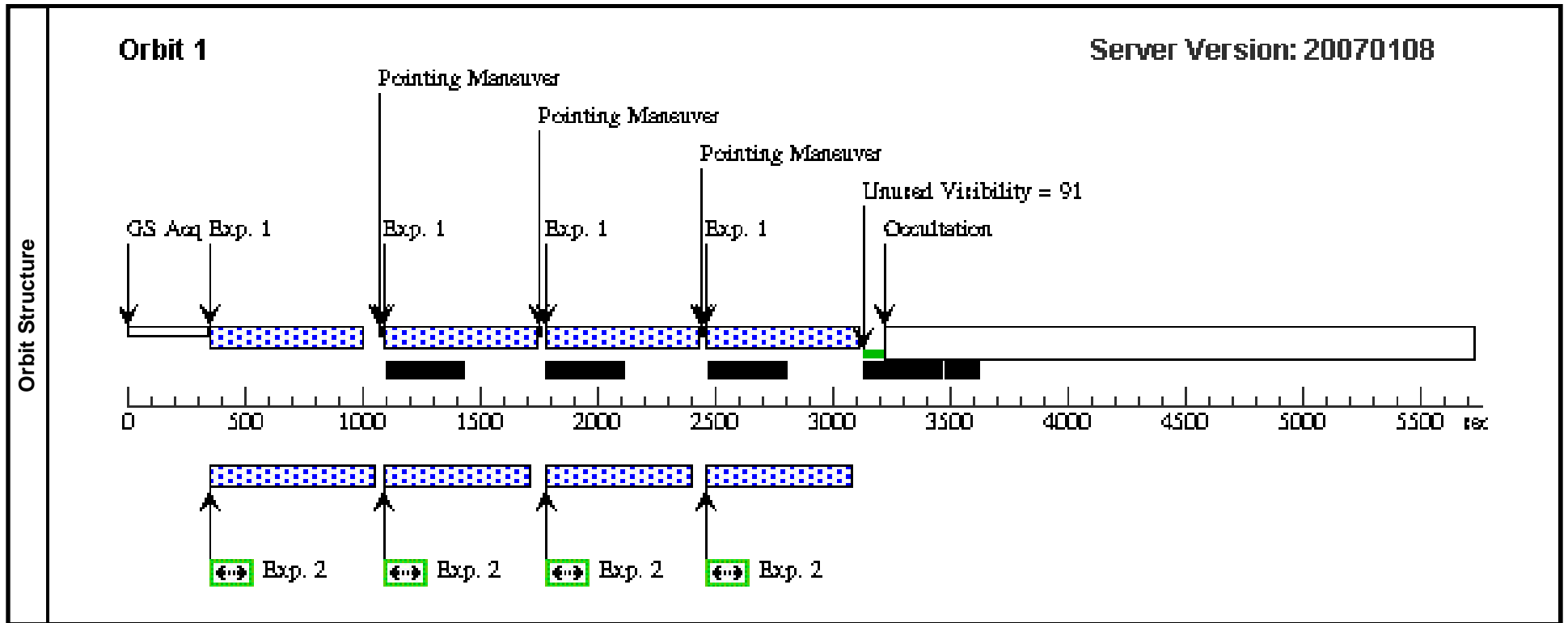
Wed Jan 31 02:41:58 GMT 2007

<b>Visit</b>	<b>Proposal 10858, Visit 09, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (09.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(9)	MIPS16059	RA: 17 24 28.5120 (261.1188000d) Dec: +60 15 32.76 (60.25910d) Equinox: J2000		V=18.0+/-0.1 H-band 20.7 15uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(9) MIPS16059	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(9) MIPS16059	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 10 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

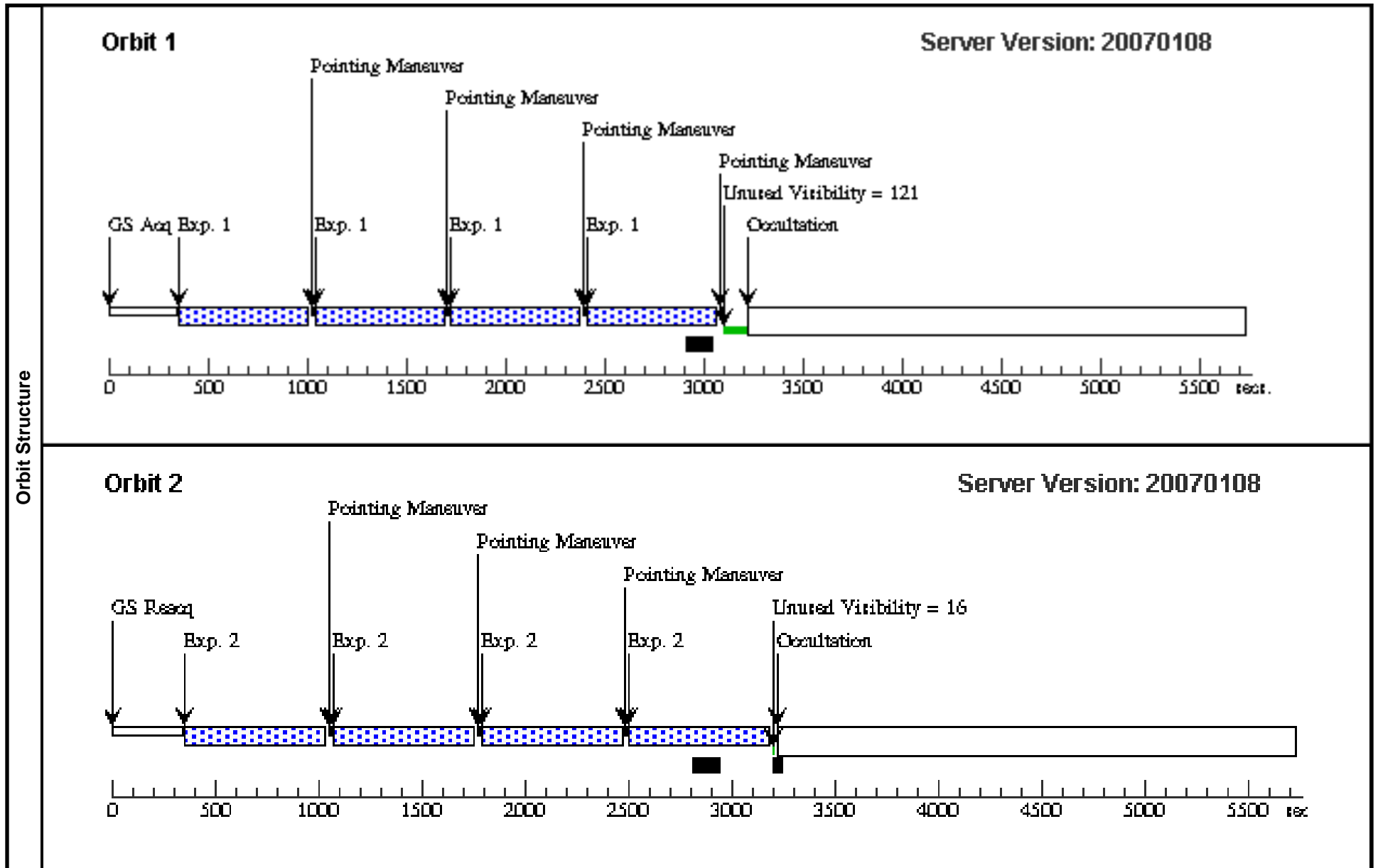
Visit		<b>Proposal 10858, Visit 10, completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC, NIC2 Special Requirements: (none)						Wed Jan 31 02:41:59 GMT 2007			
Patterns		#	Primary Pattern		Secondary Pattern		Exposures				
		(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true			(1-2)				
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(10)	MIPS506	RA: 17 11 38.5176 (257.9104900d) Dec: +58 38 38.58 (58.64405d) Equinox: J2000		V=18.0+/-0.1 H-band 20.3 21uJy	Reference Frame: ICRS				
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
		1	nic2prime	(10) MIPS506	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-2 (1) Prime + Parallel Gro up 1-2	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
		2	acspar	ANY	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-2 (1) Prime + Parallel Gro up 1-2	500.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10858 - Visit 11 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:41:59 GMT 2007

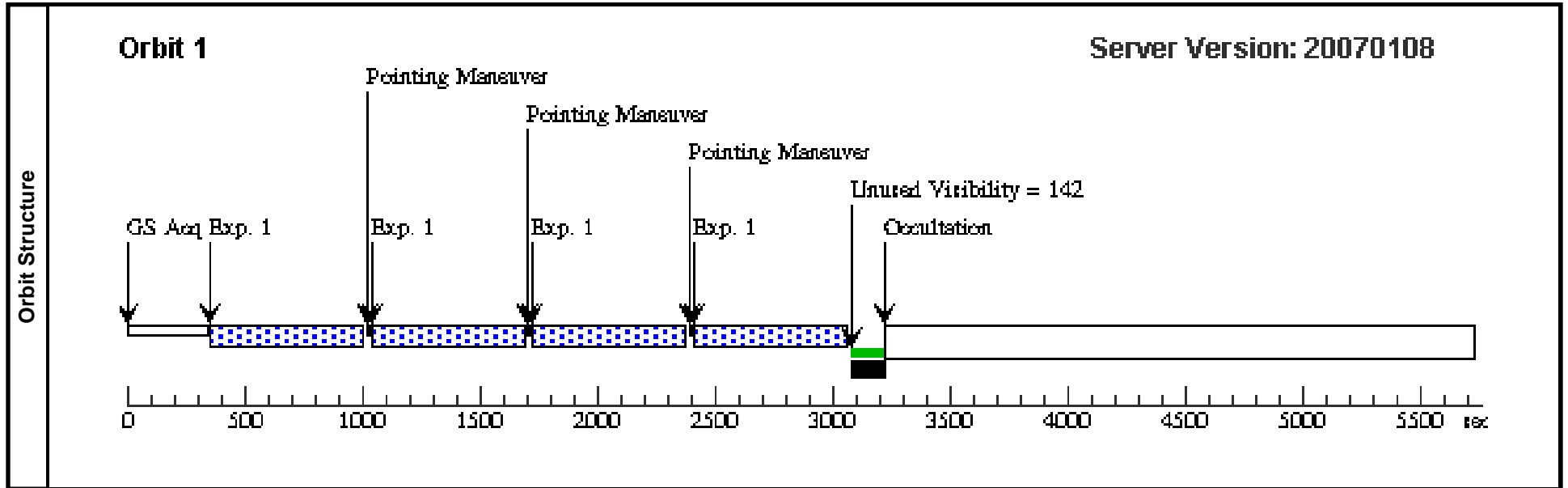
<b>Visit</b>	<b>Proposal 10858, Visit 11, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (11.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(11)	MIPS16095	RA: 17 23 59.7864 (260.9991100d) Dec: +59 57 52.42 (59.96456d) Equinox: J2000		V=18.0+/-0.1 H-band 20.3 20uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(11) MIPS16095	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(11) MIPS16095	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 12 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:00 GMT 2007

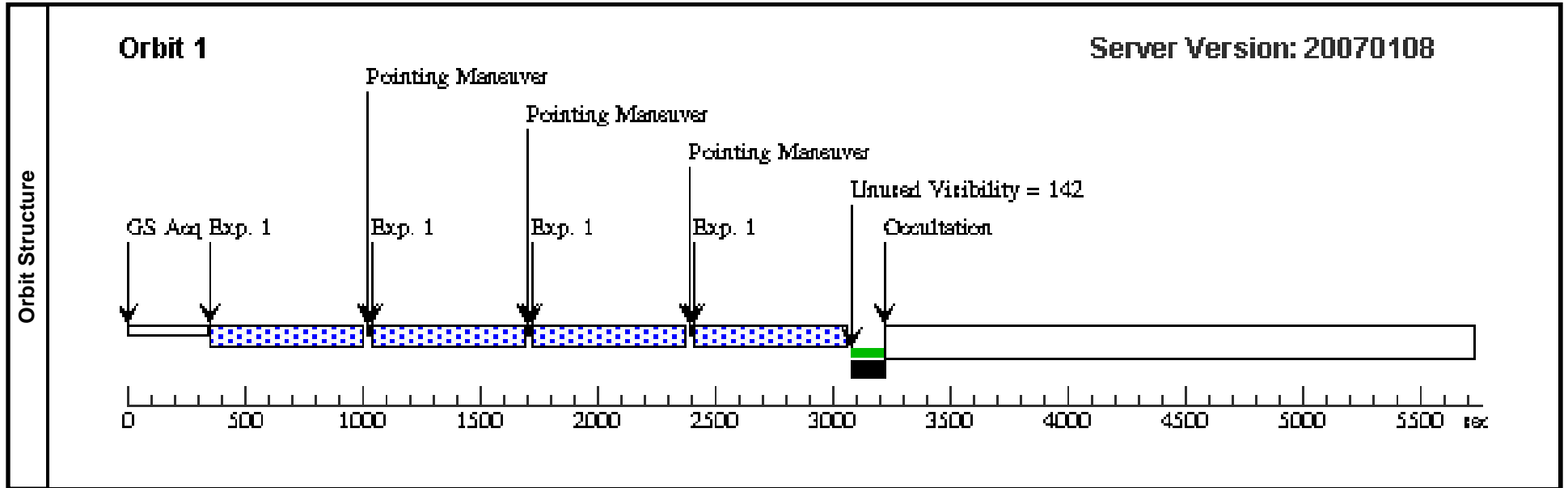
<b>Visit</b>	<b>Proposal 10858, Visit 12, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>
(1)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true				(1)			
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>			
	(12)	MIPS22277	RA: 17 18 26.7336 (259.6113900d) Dec: +58 42 42.12 (58.71170d) Equinox: J2000			V=18.0+/-0.1 H-band 18.8 74uJy	Reference Frame: ICRS			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(12) MIPS22277	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 10858 - Visit 13 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:00 GMT 2007

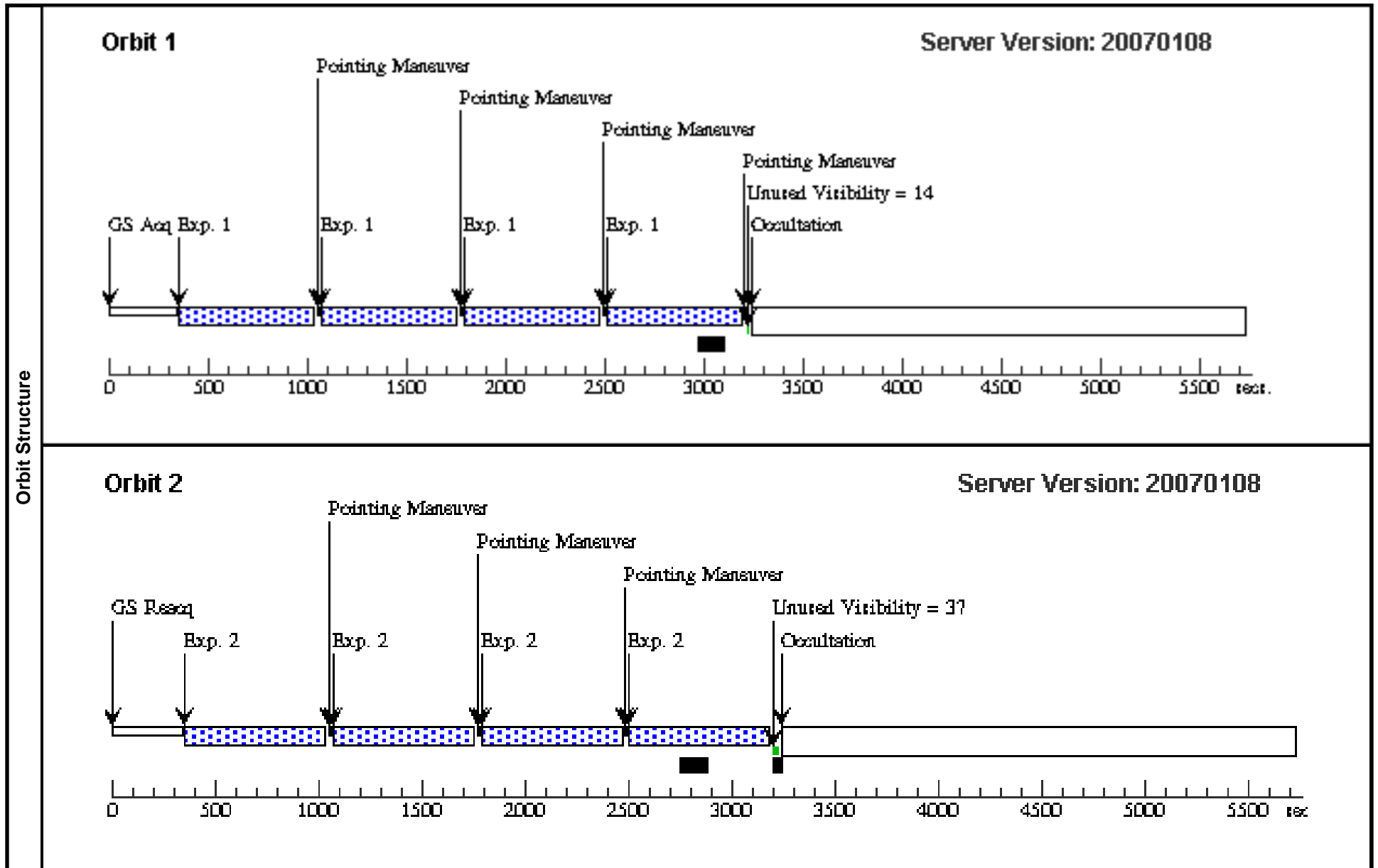
<b>Visit</b>	<b>Proposal 10858, Visit 13, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>
(1)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true						(1)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>		<b>Miscellaneous</b>	
	(13)	MIPS22651	RA: 17 19 26.5440 (259.8606000d) Dec: +59 09 29.12 (59.15809d) Equinox: J2000					V=18.0+/-0.1 H-band 18.9 99uJy	Reference Frame: ICRS	
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(13) MIPS22651	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 10858 - Visit 14 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:00 GMT 2007

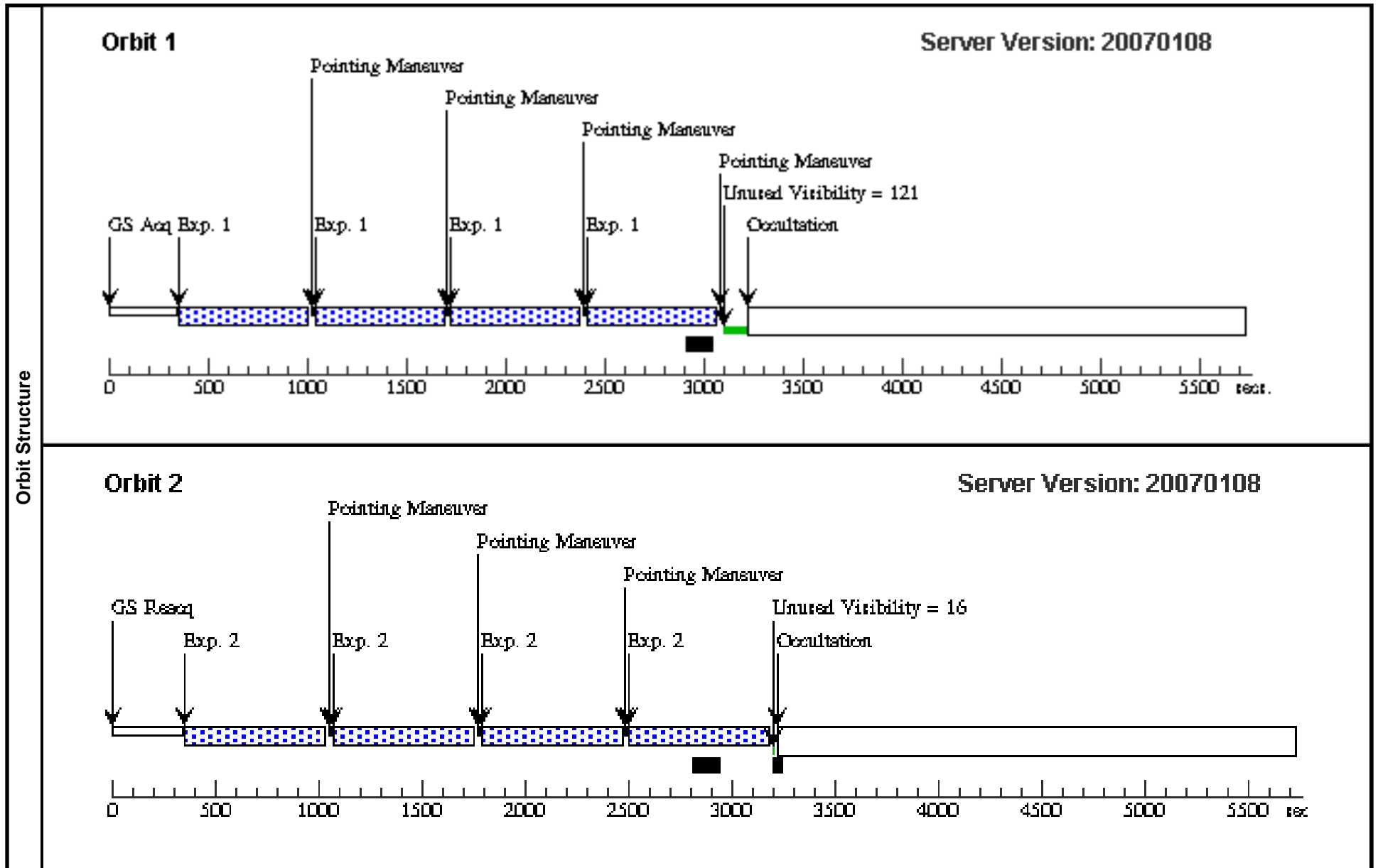
<b>Visit</b>	<b>Proposal 10858, Visit 14, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (14.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(14)	MIPS16113	RA: 17 21 26.3976 (260.3599900d) Dec: +60 16 48.25 (60.28007d) Equinox: J2000		V=18.0+/-0.1 H-band 20.3 12uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(14) MIPS16113	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(14) MIPS16113	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 15 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:01 GMT 2007

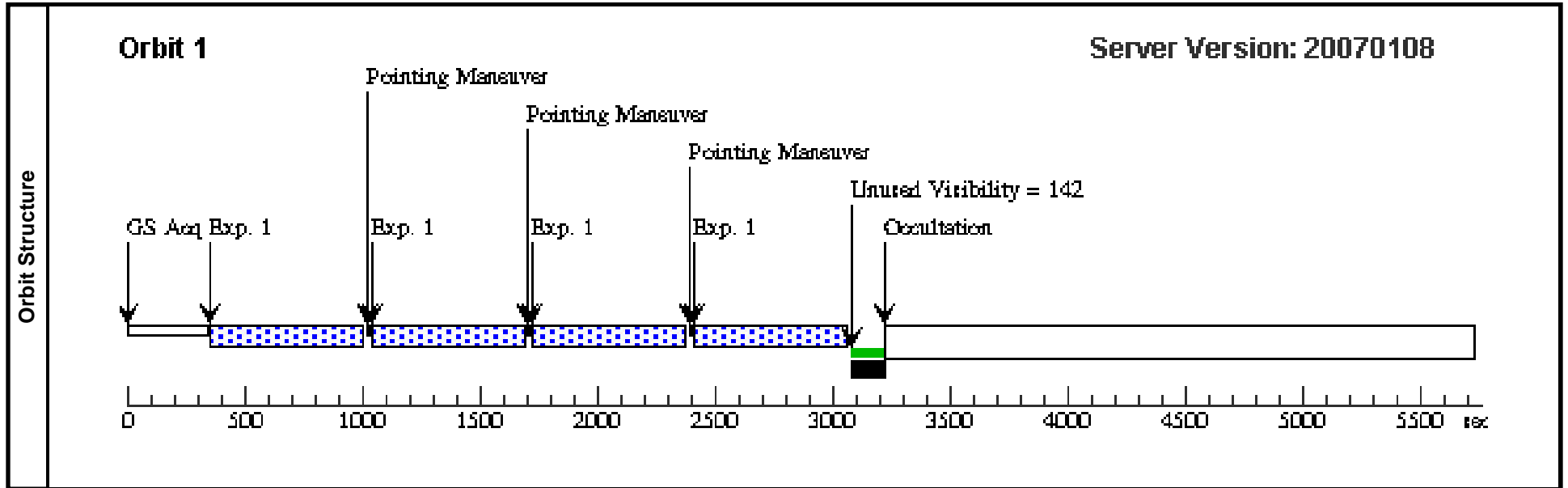
<b>Visit</b>	<b>Proposal 10858, Visit 15, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (15.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(15)	MIPS464	RA: 17 14 39.6024 (258.6650100d) Dec: +58 56 32.06 (58.94224d) Equinox: J2000		V=18.0+/-0.1 H-band 20.5 18uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(15) MIPS464	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(15) MIPS464	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 16 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:02 GMT 2007

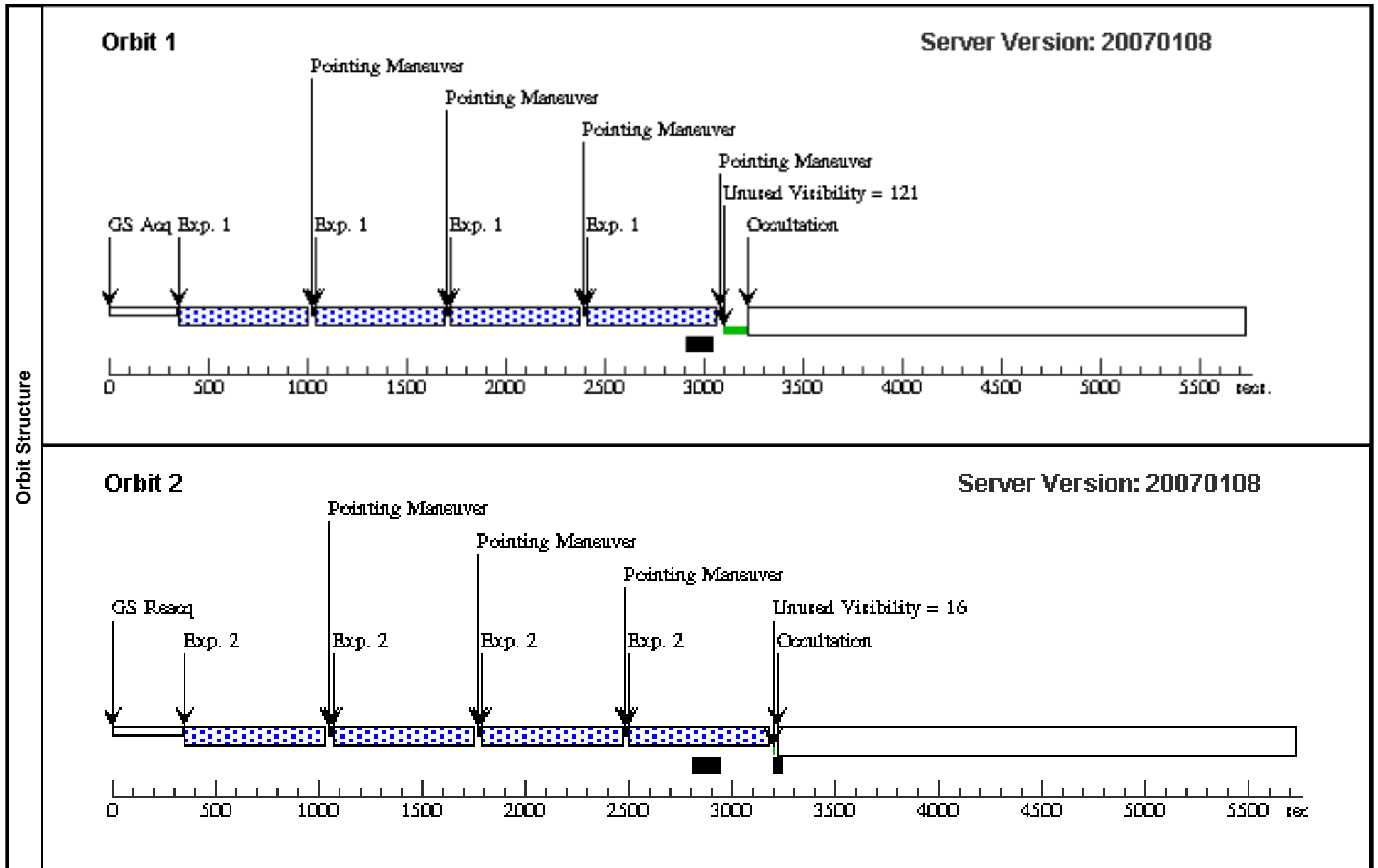
<b>Visit</b>	<b>Proposal 10858, Visit 16, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=NIC-SPIRAL-DITH	Coordinate Frame=POS-TARG							(1)	
		Purpose=DITHER	Pattern Orientation=2								
		Number Of Points=4	Angle Between Sides=								
		Point Spacing=1.5	Center Pattern=true								
		Line Spacing=									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(16)	MIPS22482	RA: 17 21 0.4320 (260.2518000d)				V=18.0+/-0.1	Reference Frame: ICRS			
			Dec: +58 59 31.27 (58.99202d)				H-band 19.9 37uJy				
			Equinox: J2000								
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>		<b>Orbit</b>
	1	nic2prime	(16) MIPS22482	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



Proposal 10858 - Visit 17 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:02 GMT 2007

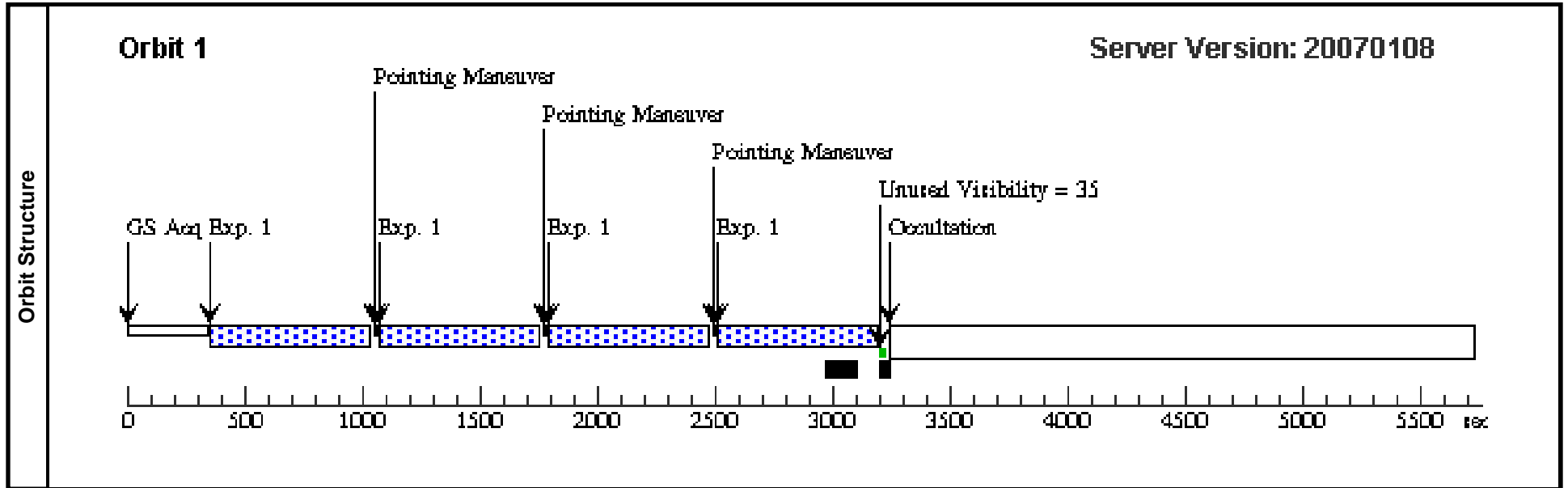
<b>Visit</b>	<b>Proposal 10858, Visit 17, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (17.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(17)	MIPS42	RA: 17 17 58.5360 (259.4939000d) Dec: +59 28 16.18 (59.47116d) Equinox: J2000		V=18.0+/-0.1 H-band 20.9 12uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(17) MIPS42	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(17) MIPS42	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 18 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:02 GMT 2007

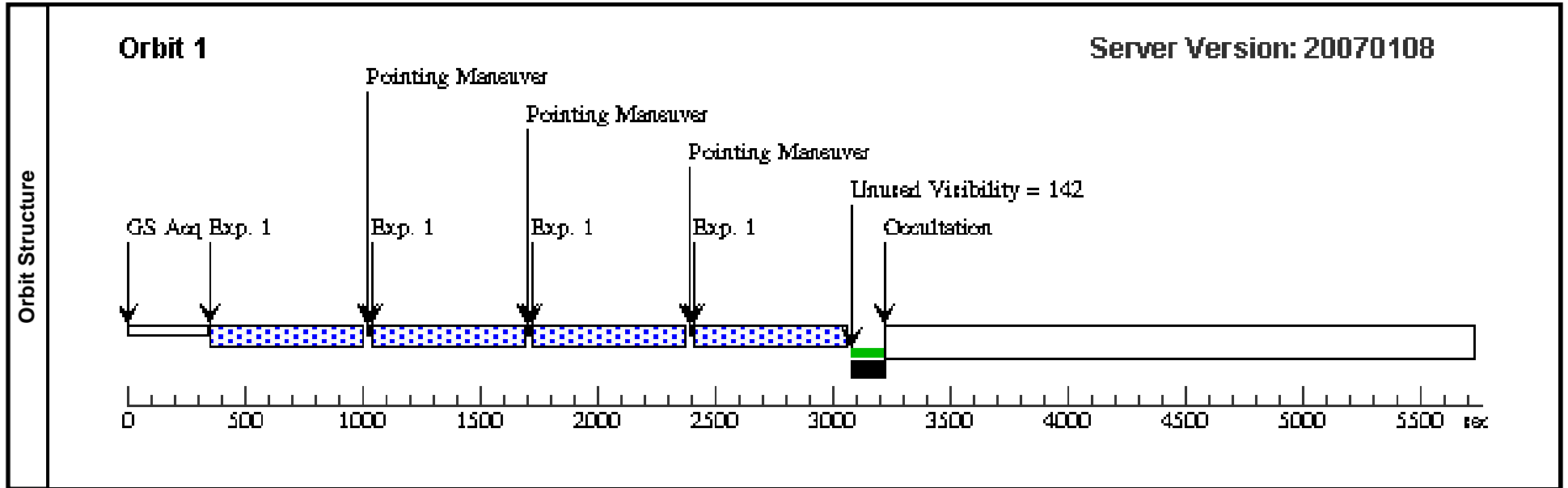
Visit	<b>Proposal 10858, Visit 18, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=NIC-SPIRAL-DITH	Coordinate Frame=POS-TARG							(1)
		Purpose=DITHER	Pattern Orientation=2								
		Number Of Points=4	Angle Between Sides=								
		Point Spacing=1.5	Center Pattern=true								
		Line Spacing=									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(18)	MIPS16080	RA: 17 18 44.8320 (259.6868000d)				V=18.0+/-0.1		Reference Frame: ICRS		
			Dec: +60 01 15.82 (60.02106d)				H-band 19.9 30uJy				
			Equinox: J2000								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	nic2prime	(18) MIPS16080	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



Proposal 10858 - Visit 19 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:03 GMT 2007

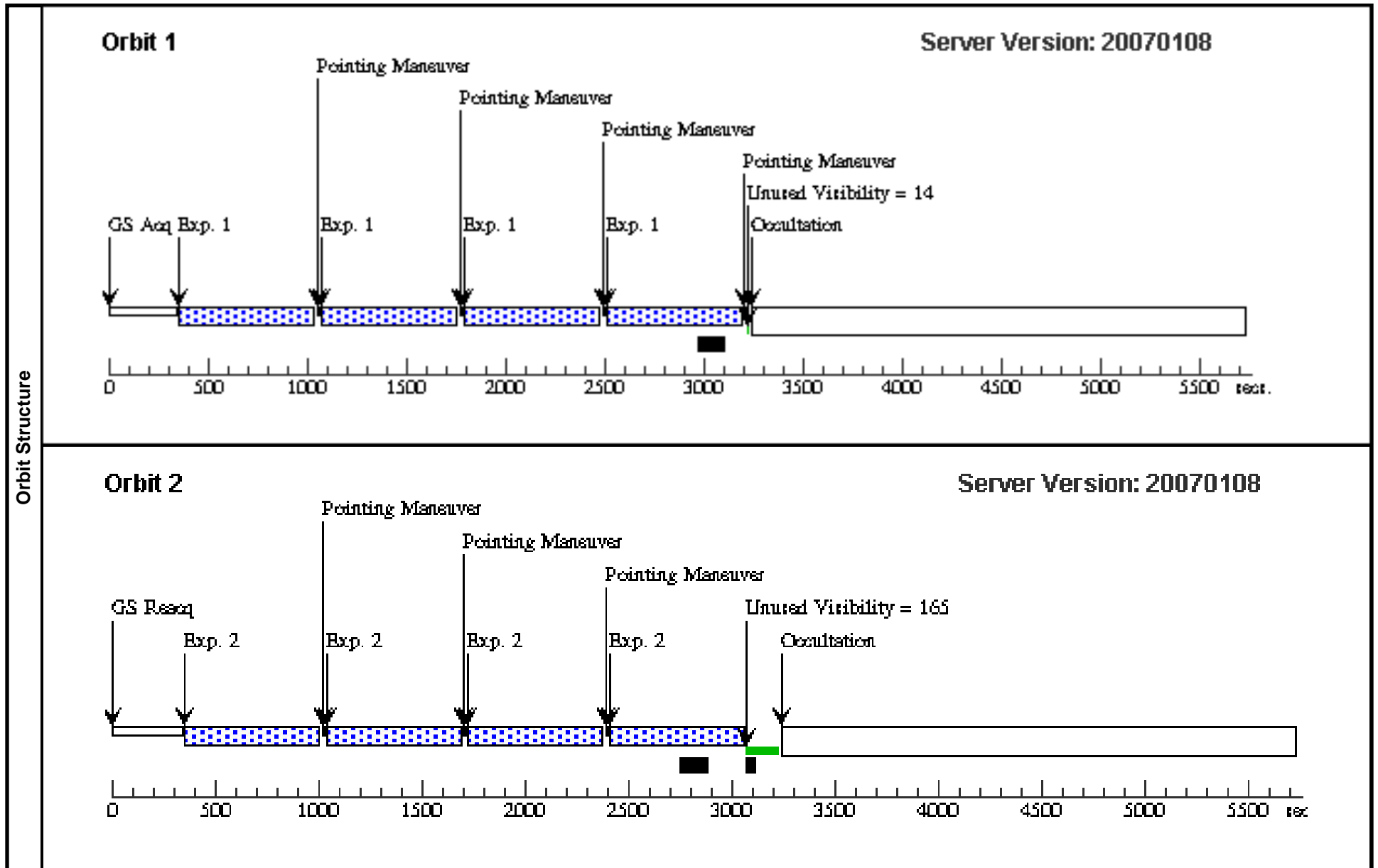
<b>Visit</b>	<b>Proposal 10858, Visit 19, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>
(1)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true						(1)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>		<b>Miscellaneous</b>	
	(19)	MIPS15958	RA: 17 23 24.2136 (260.8508900d) Dec: +59 24 55.62 (59.41545d) Equinox: J2000					V=18.0+/-0.1 H-band 20.2 22uJy	Reference Frame: ICRS	
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(19) MIPS15958	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10858 - Visit 20 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:03 GMT 2007

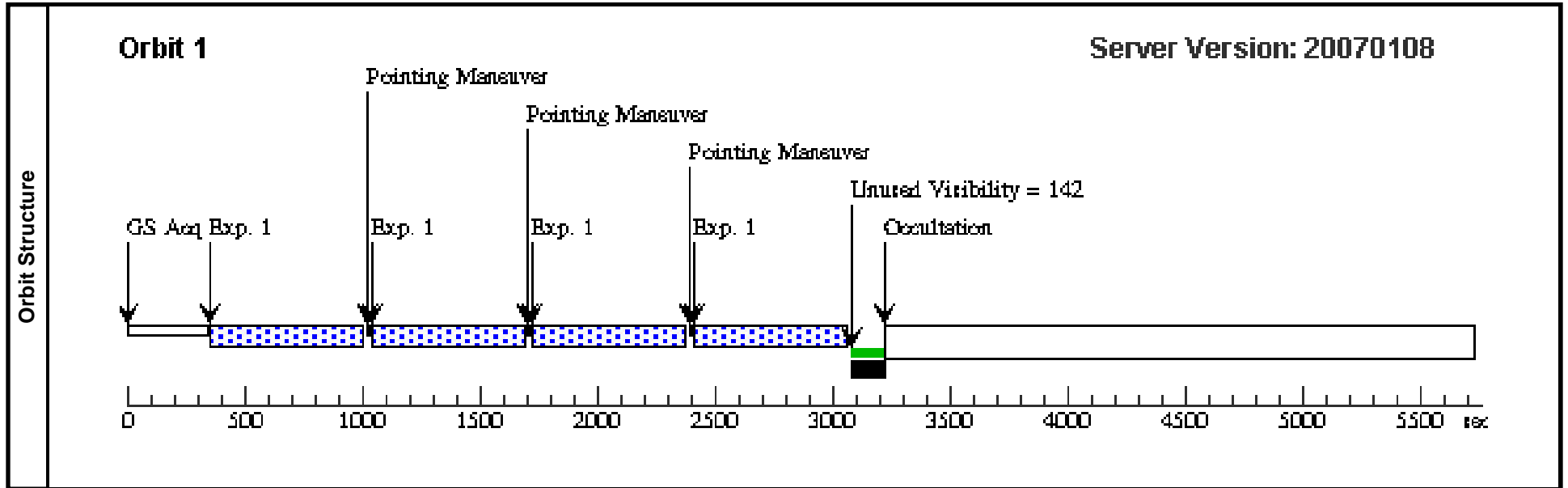
<b>Visit</b>	<b>Proposal 10858, Visit 20, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (20.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(20)	MIPS16122	RA: 17 20 51.5040 (260.2146000d) Dec: +60 01 49.08 (60.03030d) Equinox: J2000		V=18.0+/-0.1 H-band 20.5 16.7uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(20) MIPS16122	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
2	nic2prime	(20) MIPS16122	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	



Proposal 10858 - Visit 21 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:04 GMT 2007

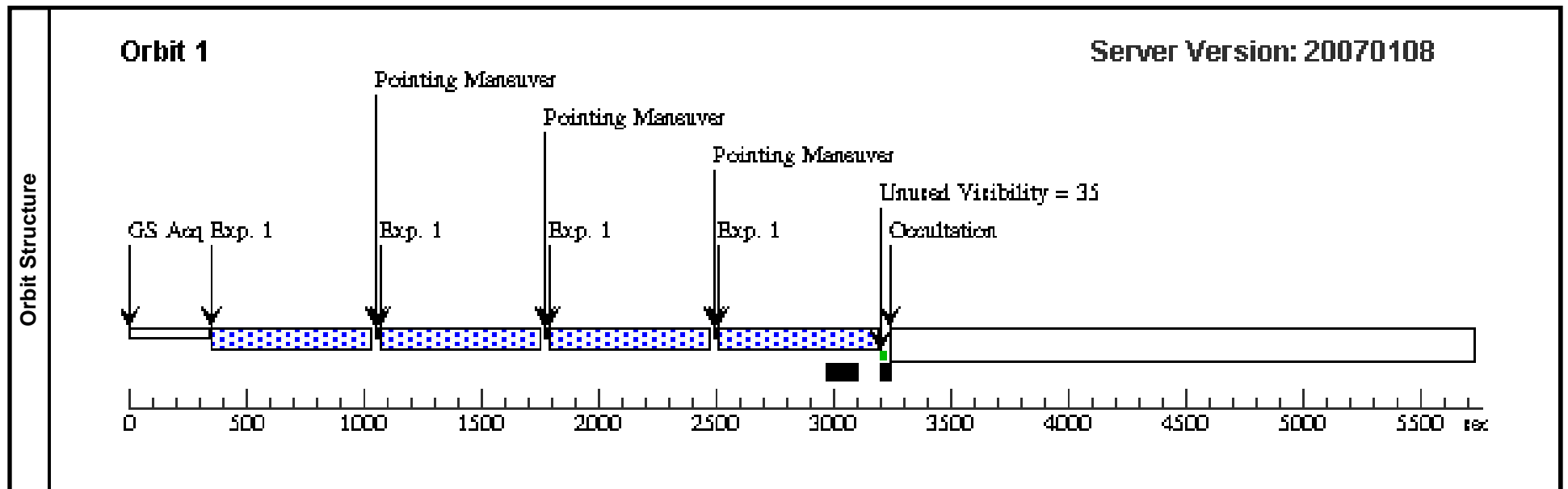
<b>Visit</b>	<b>Proposal 10858, Visit 21, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>
(1)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true				(1)			
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>			
	(21)	MIPS22204	RA: 17 18 44.4000 (259.6850000d) Dec: +59 20 0.96 (59.33360d) Equinox: J2000			V=18.0+/-0.1 H-band 20.1 25uJy	Reference Frame: ICRS			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(21) MIPS22204	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10858 - Visit 22 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:04 GMT 2007

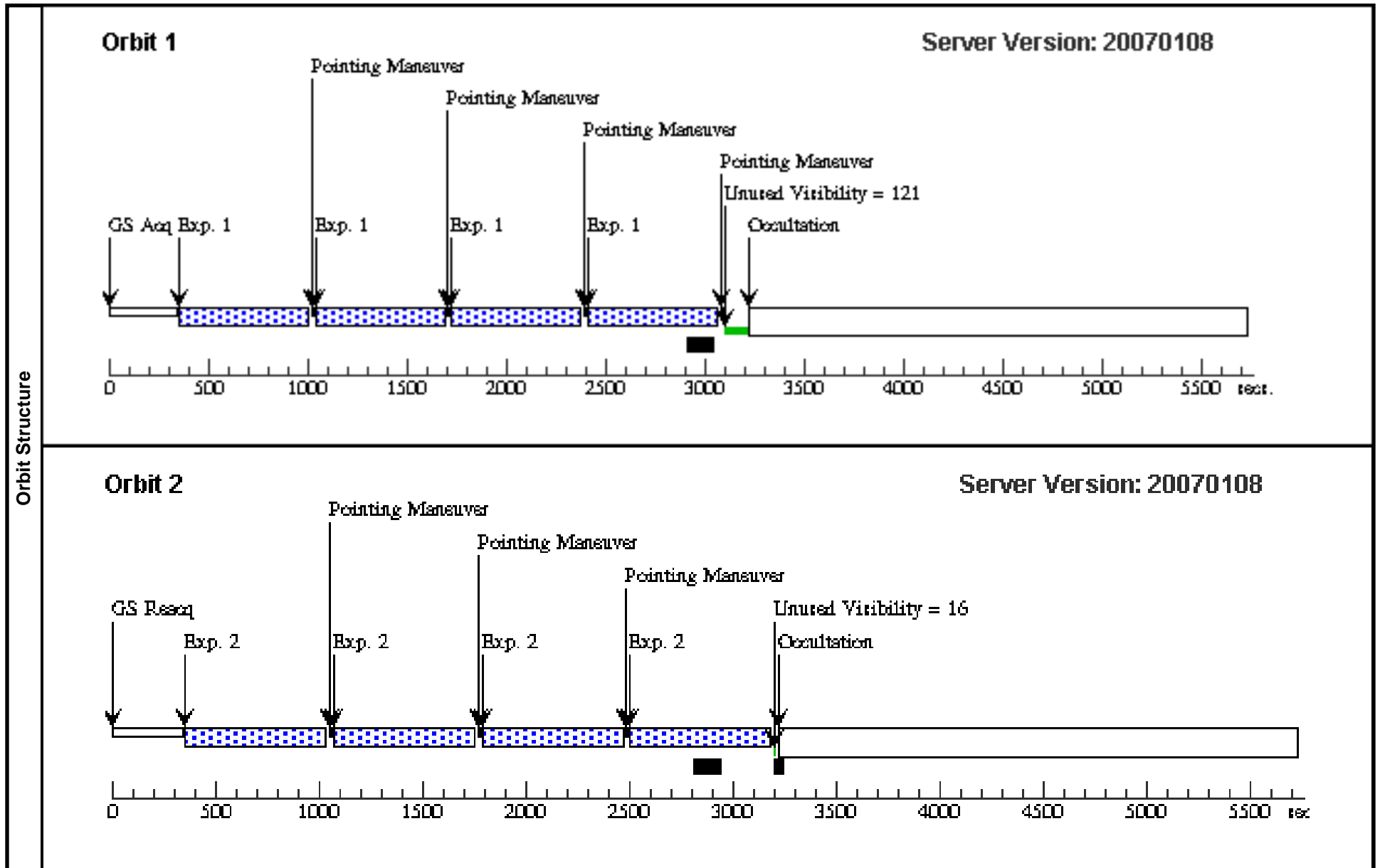
<b>Visit</b>	<b>Proposal 10858, Visit 22, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>
(1)		Pattern Type=NIC-SPIRAL-DITH	Coordinate Frame=POS-TARG						(1)	
		Purpose=DITHER	Pattern Orientation=2							
		Number Of Points=4	Angle Between Sides=							
		Point Spacing=1.5	Center Pattern=true							
		Line Spacing=								
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>		
	(22)	MIPS15949	RA: 17 21 9.2136 (260.2883900d)				V=18.0+/-0.1	Reference Frame: ICRS		
			Dec: +60 15 1.66 (60.25046d)				H-band 19.7 25uJy			
			Equinox: J2000							
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(22) MIPS15949	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10858 - Visit 23 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:04 GMT 2007

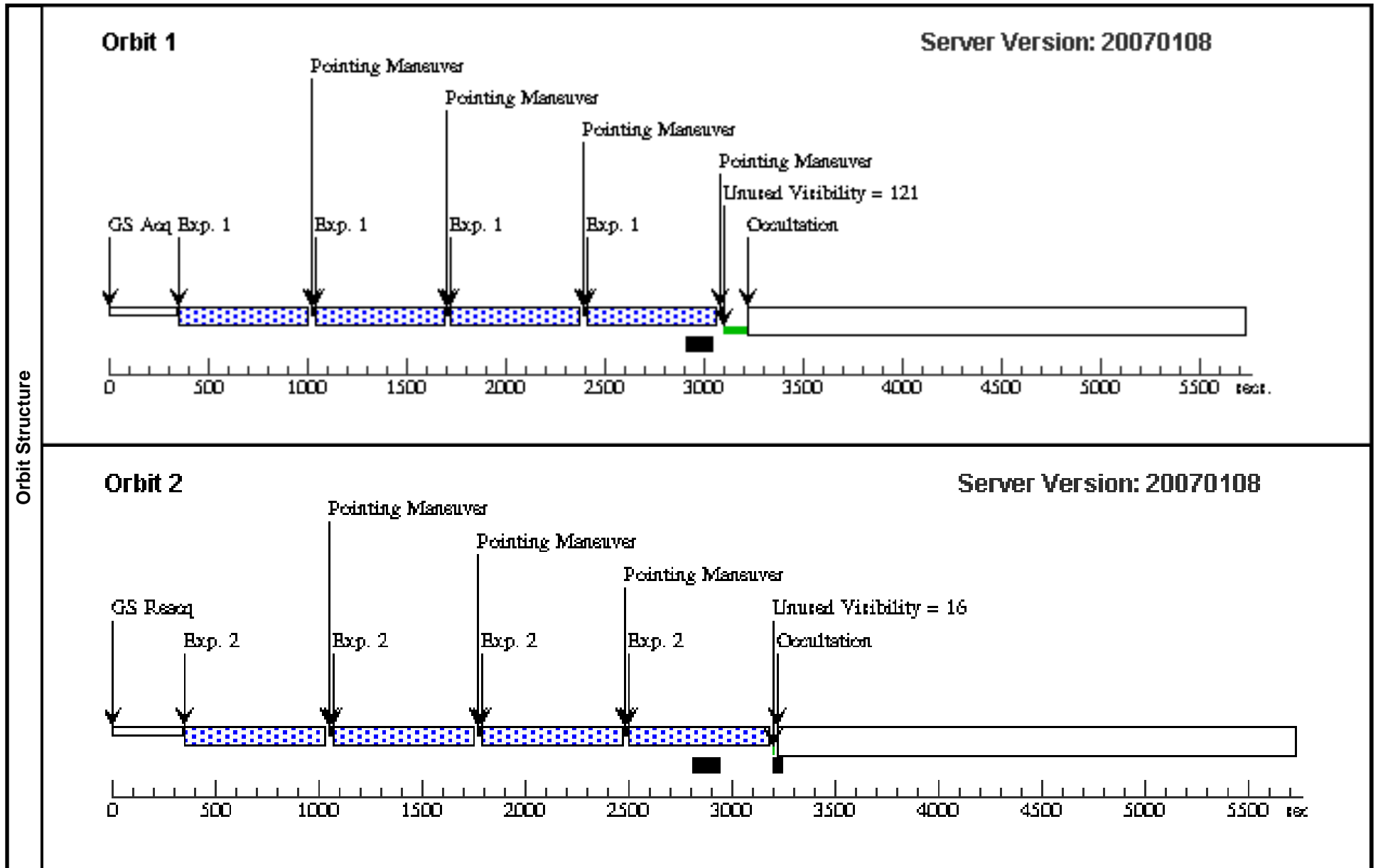
<b>Visit</b>	<b>Proposal 10858, Visit 23, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (23.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(23)	MIPS78	RA: 17 15 38.1816 (258.9090900d) Dec: +59 25 40.08 (59.42780d) Equinox: J2000		V=18.0+/-0.1 H-band 20.9 12uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(23) MIPS78	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(23) MIPS78	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 24 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:05 GMT 2007

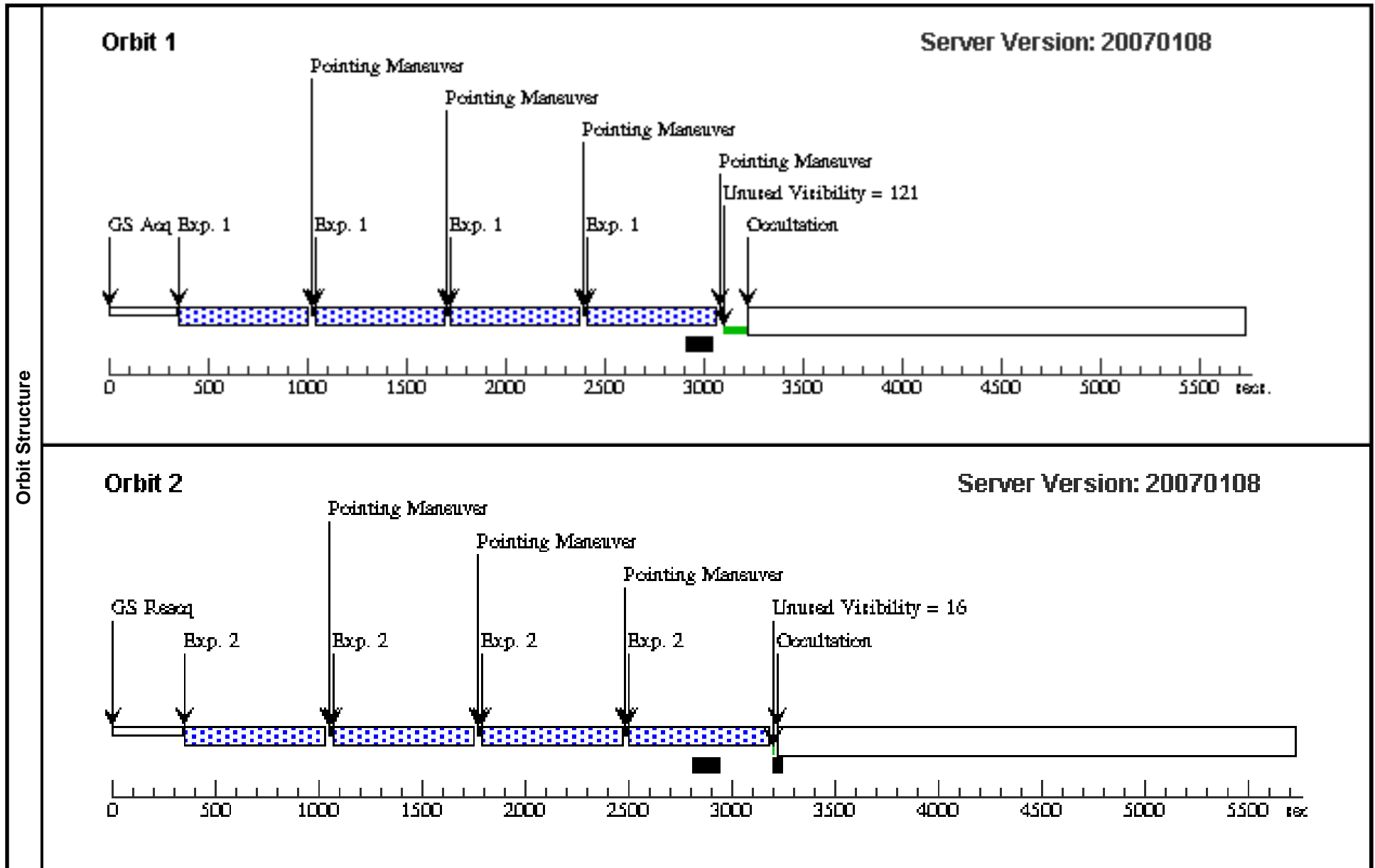
<b>Visit</b>	<b>Proposal 10858, Visit 24, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (24.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(24)	MIPS180	RA: 17 15 43.7256 (258.9321900d) Dec: +58 35 32.96 (58.59249d) Equinox: J2000		V=18.0+/-0.1 H-band 20.9 12uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(24) MIPS180	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(24) MIPS180	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 25 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:05 GMT 2007

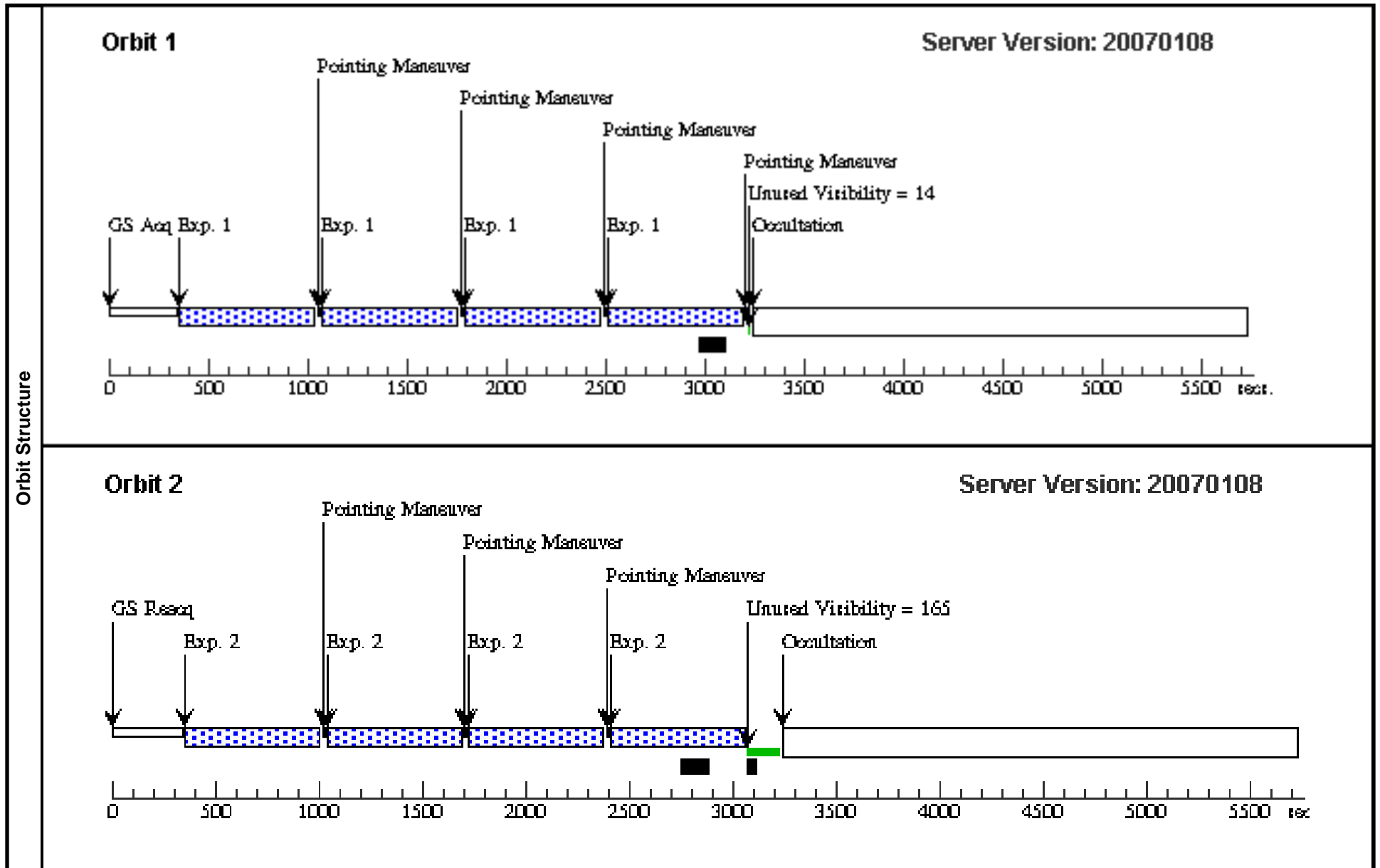
<b>Visit</b>	<b>Proposal 10858, Visit 25, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (25.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(25)	MIPS22303	RA: 17 18 48.8664 (259.7036100d) Dec: +58 51 14.87 (58.85413d) Equinox: J2000		V=18.0+/-0.1 H-band 20.9 12uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(25) MIPS22303	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(25) MIPS22303	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 26 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:06 GMT 2007

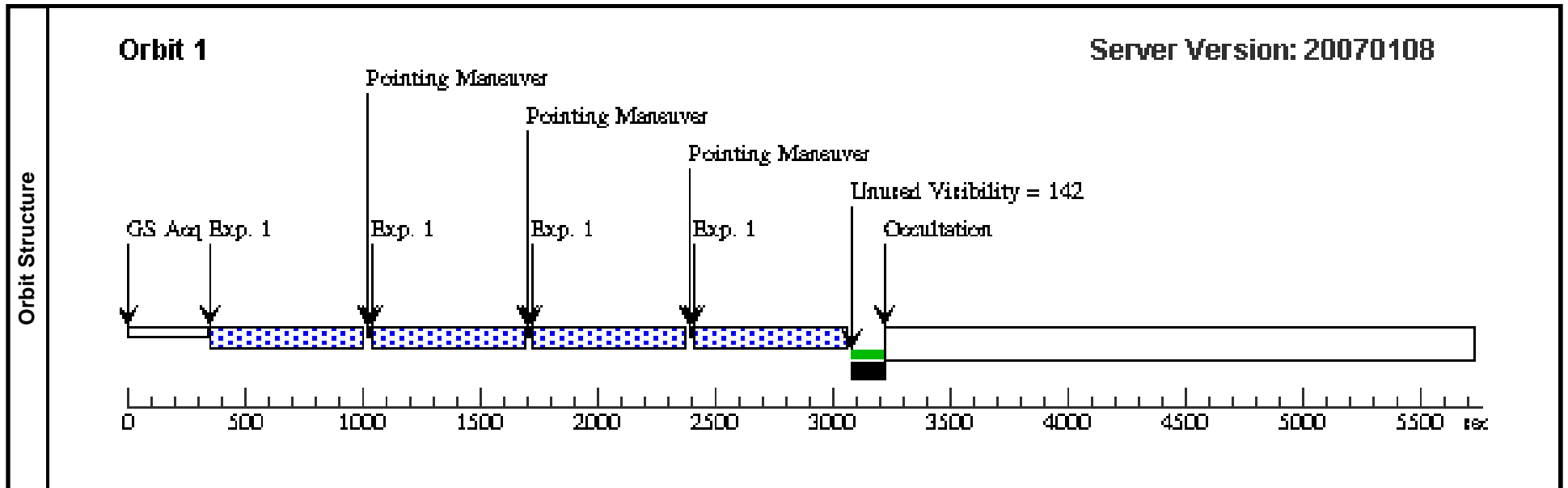
<b>Visit</b>	<b>Proposal 10858, Visit 26, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (26.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(26)	MIPS8327	RA: 17 15 35.6184 (258.8984100d) Dec: +60 28 24.49 (60.47347d) Equinox: J2000		V=18.0+/-0.1 H-band 19.1 12uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(26) MIPS8327	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(26) MIPS8327	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 27 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:06 GMT 2007

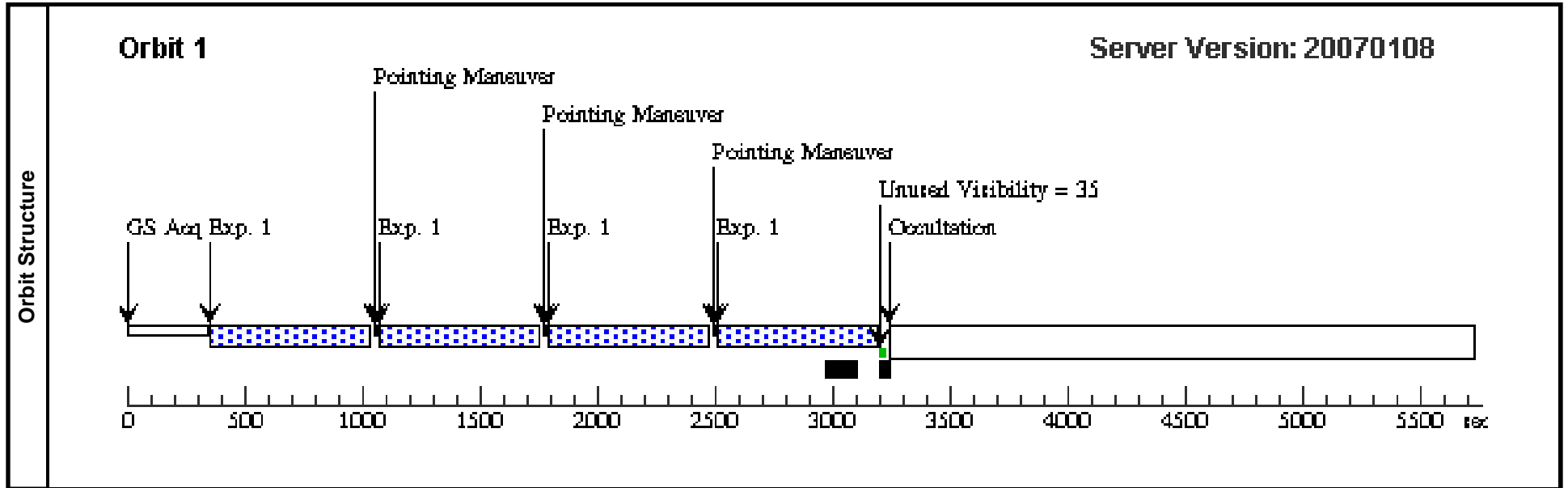
<b>Visit</b>	<b>Proposal 10858, Visit 27, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=NIC-SPIRAL-DITH	Coordinate Frame=POS-TARG						(1)		
		Purpose=DITHER	Pattern Orientation=2								
		Number Of Points=4	Angle Between Sides=								
		Point Spacing=1.5	Center Pattern=true								
		Line Spacing=									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>		<b>Miscellaneous</b>		
	(27)	MIPS8242	RA: 17 14 33.1944 (258.6383100d)	Dec: +59 39 11.30 (59.65314d)	Equinox: J2000		V=18.0+/-0.1	H-band 20.9 57uJy	Reference Frame: ICRS		
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>	
	1	nic2prime	(27) MIPS8242	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 10858 - Visit 28 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:06 GMT 2007

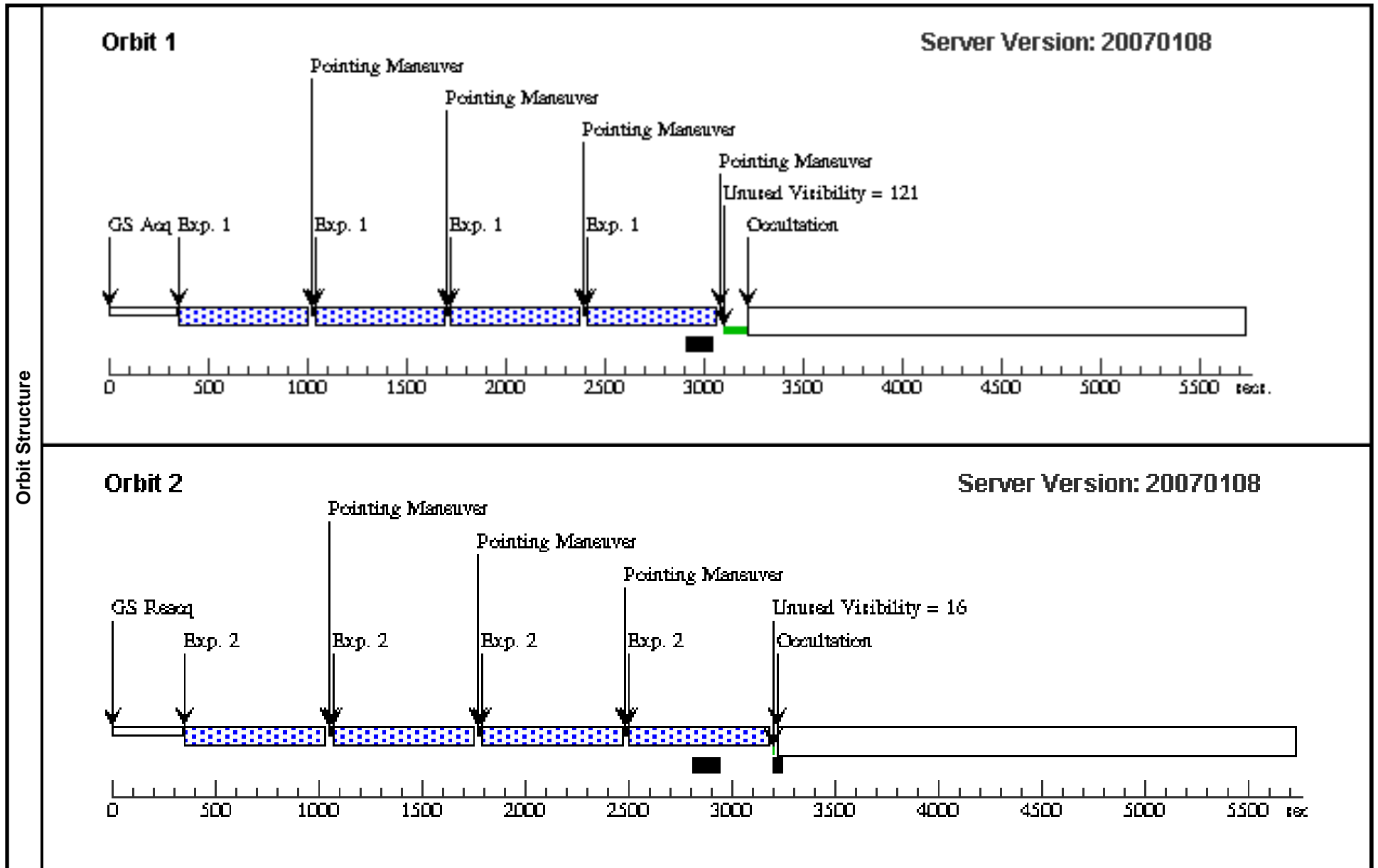
<b>Visit</b>	<b>Proposal 10858, Visit 28, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>
(1)		Pattern Type=NIC-SPIRAL-DITH	Coordinate Frame=POS-TARG						(1)	
		Purpose=DITHER	Pattern Orientation=2							
		Number Of Points=4	Angle Between Sides=							
		Point Spacing=1.5	Center Pattern=true							
		Line Spacing=								
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>		
	(28)	MIPS8196	RA: 17 15 10.1736 (258.7923900d)				V=18.0+/-0.1	Reference Frame: ICRS		
			Dec: +60 09 54.54 (60.16515d)				H-band 18.08 106uJy			
			Equinox: J2000							
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(28) MIPS8196	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10858 - Visit 29 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:06 GMT 2007

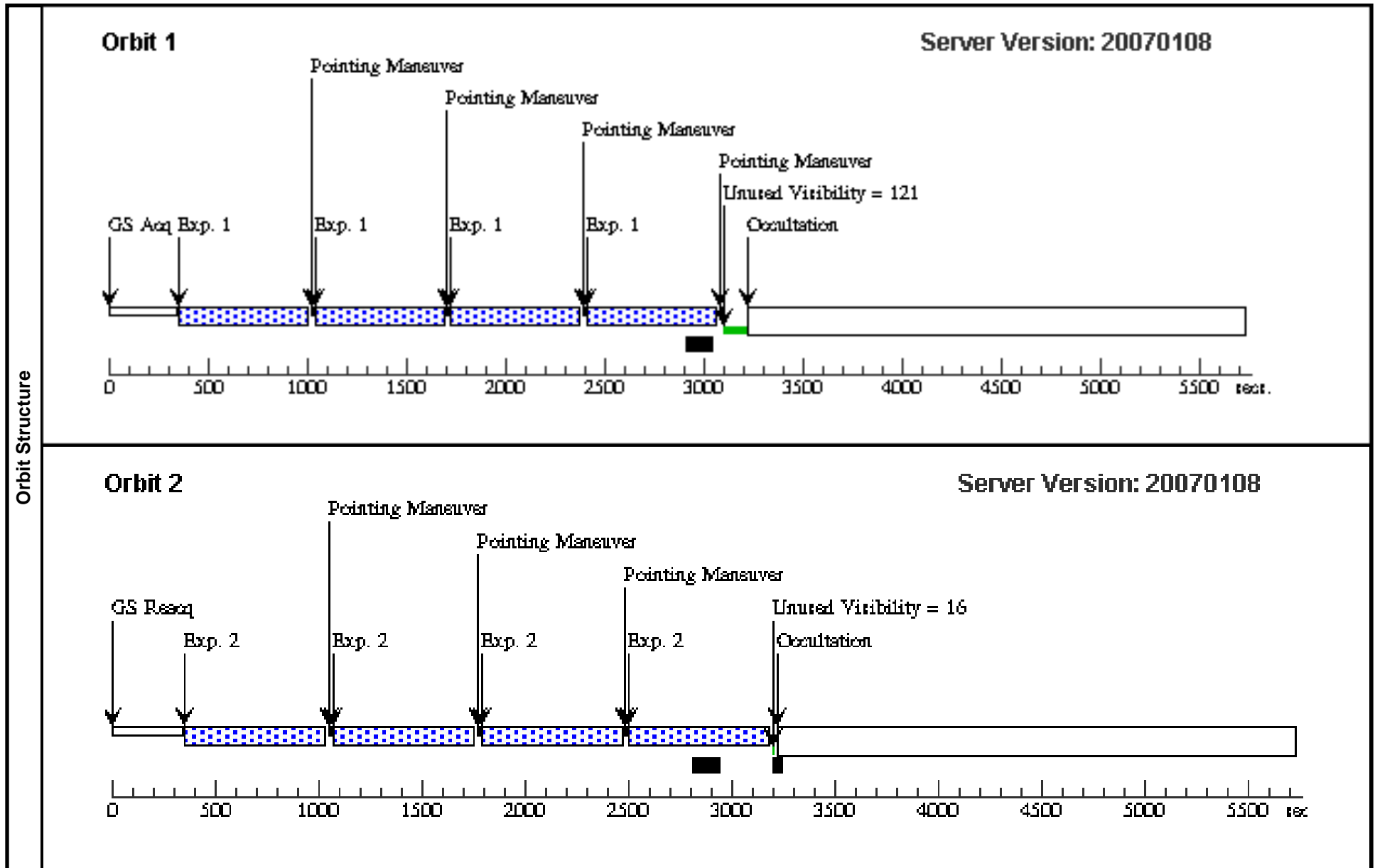
<b>Visit</b>	<b>Proposal 10858, Visit 29, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (29.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(29)	MIPS8245	RA: 17 15 36.3144 (258.9013100d) Dec: +59 36 14.72 (59.60409d) Equinox: J2000		V=18.0+/-0.1 H-band 20.9 12uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(29) MIPS8245	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(29) MIPS8245	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 30 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:07 GMT 2007

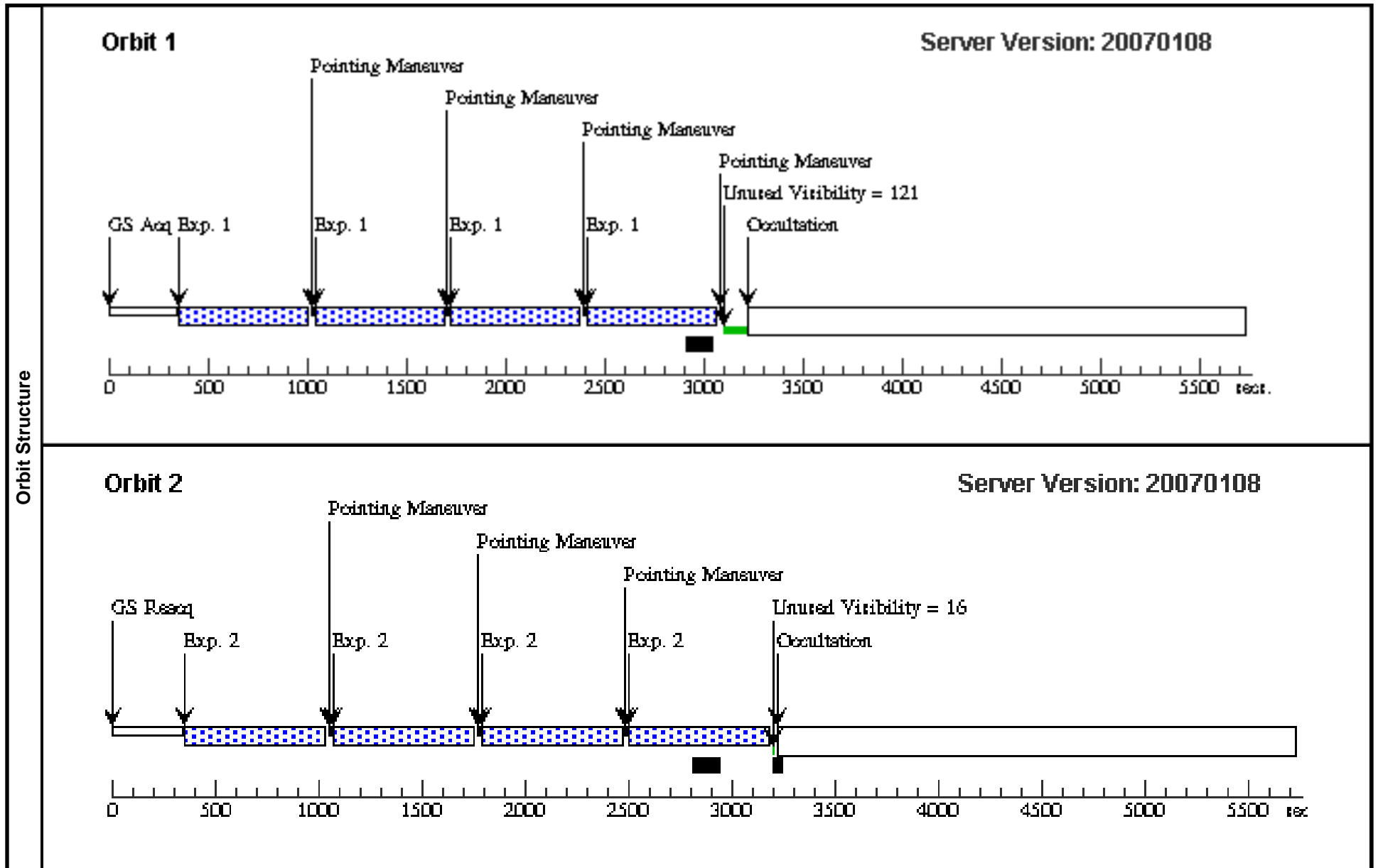
<b>Visit</b>	<b>Proposal 10858, Visit 30, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (30.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(30)	MIPS22699	RA: 17 20 47.5200 (260.1980000d) Dec: +59 08 14.71 (59.13742d) Equinox: J2000		V=18.0+/-0.1 H-band 21.6 7uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(30) MIPS22699	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(30) MIPS22699	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 31 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

Wed Jan 31 02:42:07 GMT 2007

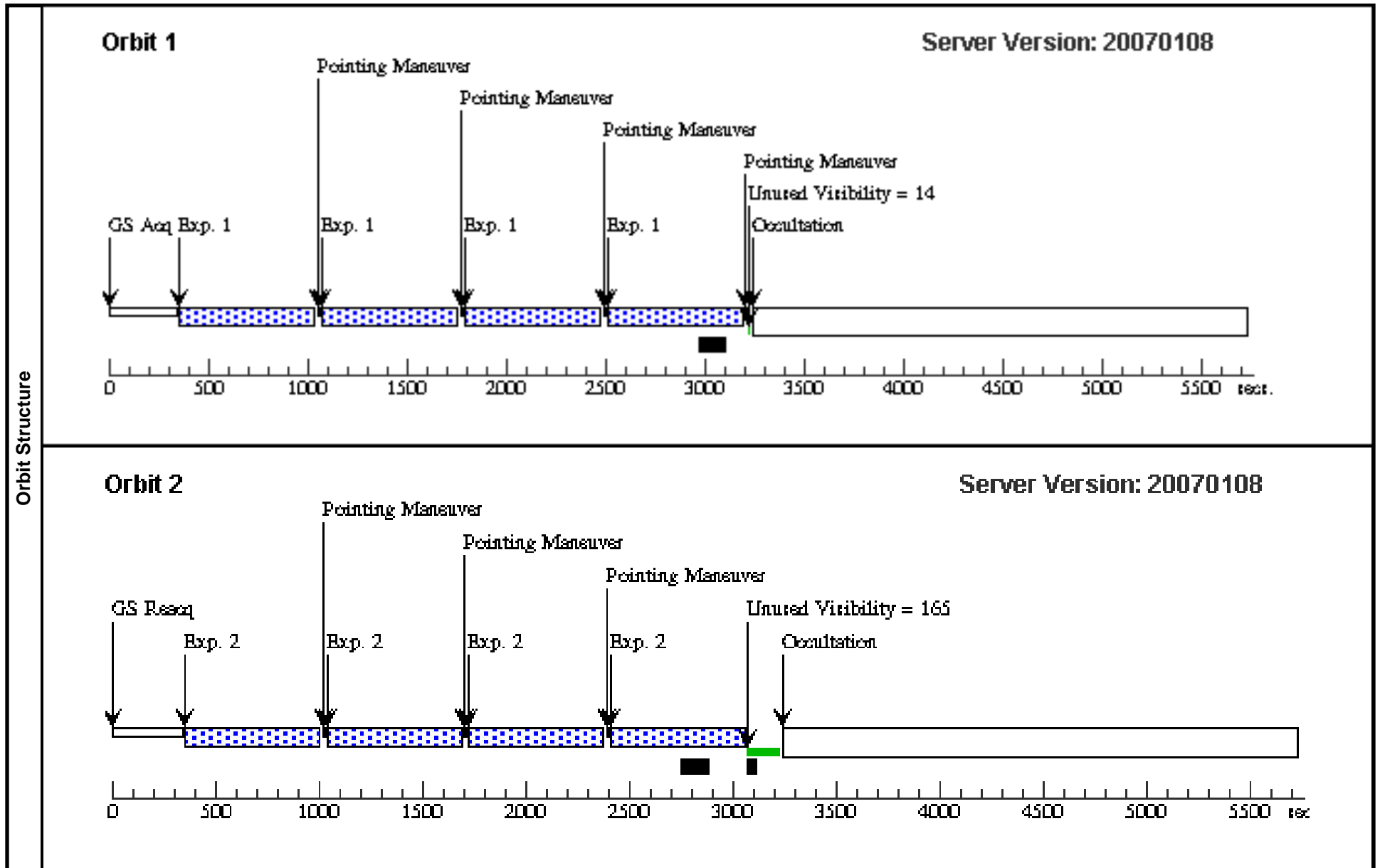
<b>Visit</b>	<b>Proposal 10858, Visit 31, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (31.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(31)	MIPS22558	RA: 17 20 45.1464 (260.1881100d) Dec: +58 52 21.50 (58.87264d) Equinox: J2000		V=18.0+/-0.1 H-band 21.1 10uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(31) MIPS22558	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(31) MIPS22558	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 32 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

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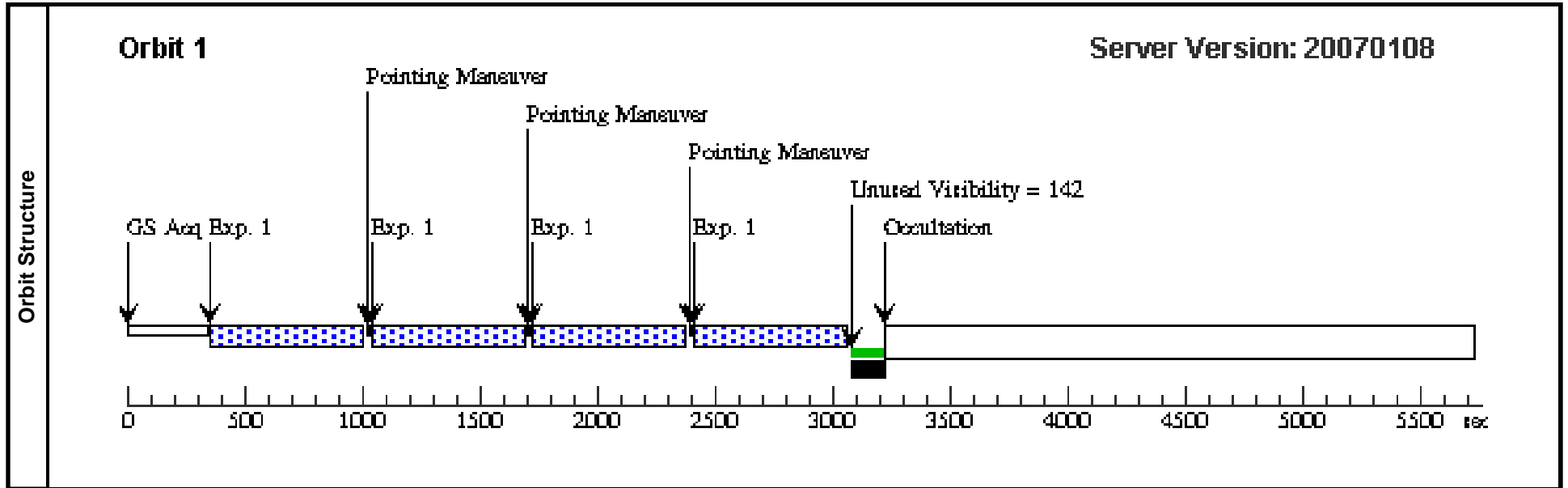
<b>Visit</b>	<b>Proposal 10858, Visit 32, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (32.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(32)	MIPS15840	RA: 17 19 22.4424 (259.8435100d) Dec: +60 05 0.42 (60.08345d) Equinox: J2000		V=18.0+/-0.1 H-band 19.8 16uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(32) MIPS15840	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(32) MIPS15840	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 33 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

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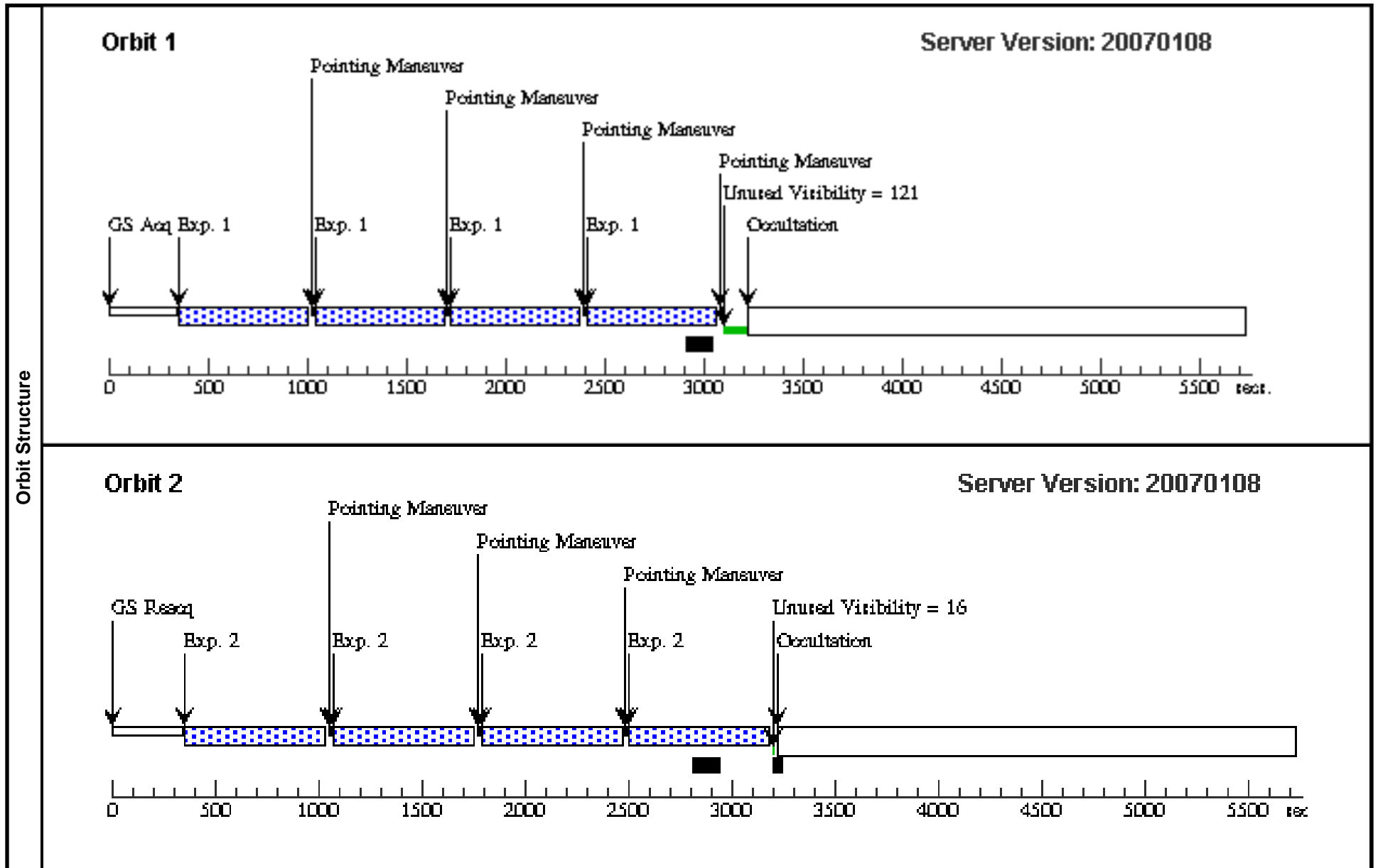
<b>Visit</b>	<b>Proposal 10858, Visit 33, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>
(1)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true						(1)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>		<b>Miscellaneous</b>	
	(33)	MIPS227	RA: 17 14 55.9944 (258.7333100d) Dec: +58 38 16.44 (58.63790d) Equinox: J2000					V=18.0+/-0.1 H-band 17.7 202uJy	Reference Frame: ICRS	
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(33) MIPS227	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 10858 - Visit 34 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

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<b>Visit</b>	<b>Proposal 10858, Visit 34, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: NIC2 Special Requirements: (none)									
	(nic2prime (34.002) special requirements) Warning: Be very careful mixing POS TARG and Center_Pattern = Yes									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true		(1), (2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(34)	MIPS22661	RA: 17 18 19.6296 (259.5817900d) Dec: +59 02 42.68 (59.04519d) Equinox: J2000		V=18.0 irac chan1 12uJy	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	nic2prime	(34) MIPS22661	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	nic2prime	(34) MIPS22661	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=23	POS TARG 0.25,0.2 5	Pattern 2-2 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]



Proposal 10858 - Visit 35 - NICMOS Imaging of the z ~ 2 Spitzer Spectroscopic Sample of Ultraluminous Infrared Galaxies

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<b>Visit</b>	<b>Proposal 10858, Visit 35, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: NIC2 Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=1.5 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=2 Angle Between Sides= Center Pattern=true				(1)				
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(35)	MIPS15977	RA: 17 18 55.6560 (259.7319000d) Dec: +59 45 45.61 (59.76267d) Equinox: J2000				V=18.0 irac chan1 51uJy	Reference Frame: ICRS			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>		<b>Orbit</b>
	1	nic2prime	(35) MIPS15977	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=SPARS 32; NSAMP=22	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]

