



# 10521 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Cycle: 14, Proposal Category: GO  
(Availability Mode: SUPPORTED)

## INVESTIGATORS

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## VISITS

<i>Visit</i>	<i>Targets</i>	<i>Configurations</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) IRAC-NEP-CENTER	ACS/WFC	2	22-Jun-2006 21:00:59.0	yes
02	(2) IRAC-4-3	ACS/WFC	2	22-Jun-2006 21:01:07.0	yes
03	(3) IRAC-5-3	ACS/WFC	2	22-Jun-2006 21:01:17.0	yes
04	(4) IRAC-2-3	ACS/WFC	2	22-Jun-2006 21:01:23.0	yes
05	(5) IRAC-1-3	ACS/WFC	2	22-Jun-2006 21:01:28.0	yes
06	(6) IRAC-1-2	ACS/WFC	2	22-Jun-2006 21:01:34.0	yes
07	(7) IRAC-2-2	ACS/WFC	2	22-Jun-2006 21:01:39.0	yes
08	(8) IRAC-3-2	ACS/WFC	2	22-Jun-2006 21:01:47.0	yes

Proposal 10521 - Overview

<i>Visit</i>	<i>Targets</i>	<i>Configurations</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
09	(9) IRAC-4-2	ACS/WFC	2	22-Jun-2006 21:01:53.0	yes
10	(10) IRAC-5-2	ACS/WFC	2	22-Jun-2006 21:01:58.0	yes
11	(11) IRAC-1-1	ACS/WFC	2	22-Jun-2006 21:02:04.0	yes
12	(12) IRAC-2-1	ACS/WFC	2	22-Jun-2006 21:02:09.0	yes
13	(13) IRAC-3-1	ACS/WFC	2	22-Jun-2006 21:02:17.0	yes
14	(14) IRAC-4-1	ACS/WFC	2	22-Jun-2006 21:02:23.0	yes
15	(15) IRAC-5-1	ACS/WFC	2	22-Jun-2006 21:02:28.0	yes
16	(16) IRAC-1-4	ACS/WFC	2	22-Jun-2006 21:02:34.0	yes
17	(17) IRAC-2-4	ACS/WFC	2	22-Jun-2006 21:02:39.0	yes
18	(18) IRAC-3-4	ACS/WFC	2	22-Jun-2006 21:02:47.0	yes
19	(19) IRAC-4-4	ACS/WFC	2	22-Jun-2006 21:02:52.0	yes
20	(20) IRAC-5-4	ACS/WFC	2	22-Jun-2006 21:02:58.0	yes
21	(21) IRAC-1-5	ACS/WFC	2	22-Jun-2006 21:03:04.0	yes
22	(22) IRAC-2-5	ACS/WFC	2	22-Jun-2006 21:03:12.0	yes
23	(23) IRAC-3-5	ACS/WFC	2	22-Jun-2006 21:03:18.0	yes
24	(24) IRAC-1-L	ACS/WFC	2	22-Jun-2006 21:03:23.0	yes
25	(25) IRAC-1-R	ACS/WFC	2	22-Jun-2006 21:03:29.0	yes

50 Total Orbits Used

**ABSTRACT**

We propose to observe the IRAC Dark Field, an extragalactic field 15 arcminutes in diameter near the north ecliptic pole, using 50 orbits of ACS imaging at I-band. This field is extraordinarily deep and is uniquely suited to detecting variable objects in the mid-infrared. The high spatial

## Proposal 10521 - Overview

resolution ACS imaging will be used to derive morphological information about the galaxies in the field, which will then be correlated with mid-infrared variable objects (specifically AGN and supernovae) we have discovered.

This field is the dark current calibration target for the Spitzer Space Telescope, the infrared counterpart to HST. Because the field is observed frequently as part of routine operations, it is now similar in size and depth to the infrared component of the GOODS program, and is confusion-limited in the mid-infrared. More importantly, due to the periodicity of the observations, the Spitzer observations are sensitive to variability on week timescales, ultimately spanning a baseline of five years, and are the only mid-infrared dataset that will ever have this capability at this depth. By complementing our wide range of lower resolution imaging at optical and infrared wavelengths, we hope to exploit one of HST's most unique capabilities - unparalleled spatial resolution in the optical. While our specific interest lies in analysis of variable sources, we will request no proprietary period on the ACS data so that it may be used by the community to complement the publicly available Spitzer data.

### **OBSERVING DESCRIPTION**

Large-area mapping mosaic covering a roughly circular area 15 arcminutes in diameter.

- a) The proposal uses 25 grid points. The grid locations are referenced as celestial offsets in RA/DEC relative to the center. Each of the 25 grid points is 1 visit.
- b) At each grid point, an 8-point dither pattern is executed. The dither pattern is a box pattern under a 2-point line dither. The exposures have CR-SPLIT=NO, and rely on the dithers for radhit rejection.
- c) The exposures are long enough that the full 8-point pattern should take 2 orbits to execute. Hence the entire map takes  $25 \times 2 = 50$  orbits.
- d) The visits have an ORIENT constraint tying them to the ORIENT of the first visit. The first visit has ORIENT constraints such that it is  $\pm 10$  degrees from each of the four cardinal directions. This should prevent any gaps from opening in the map. I am assuming that this means that once visit 1 is executed, all linked visits inherit the same orient as visit 1, not that they inherit the same range of orients as visit 1.

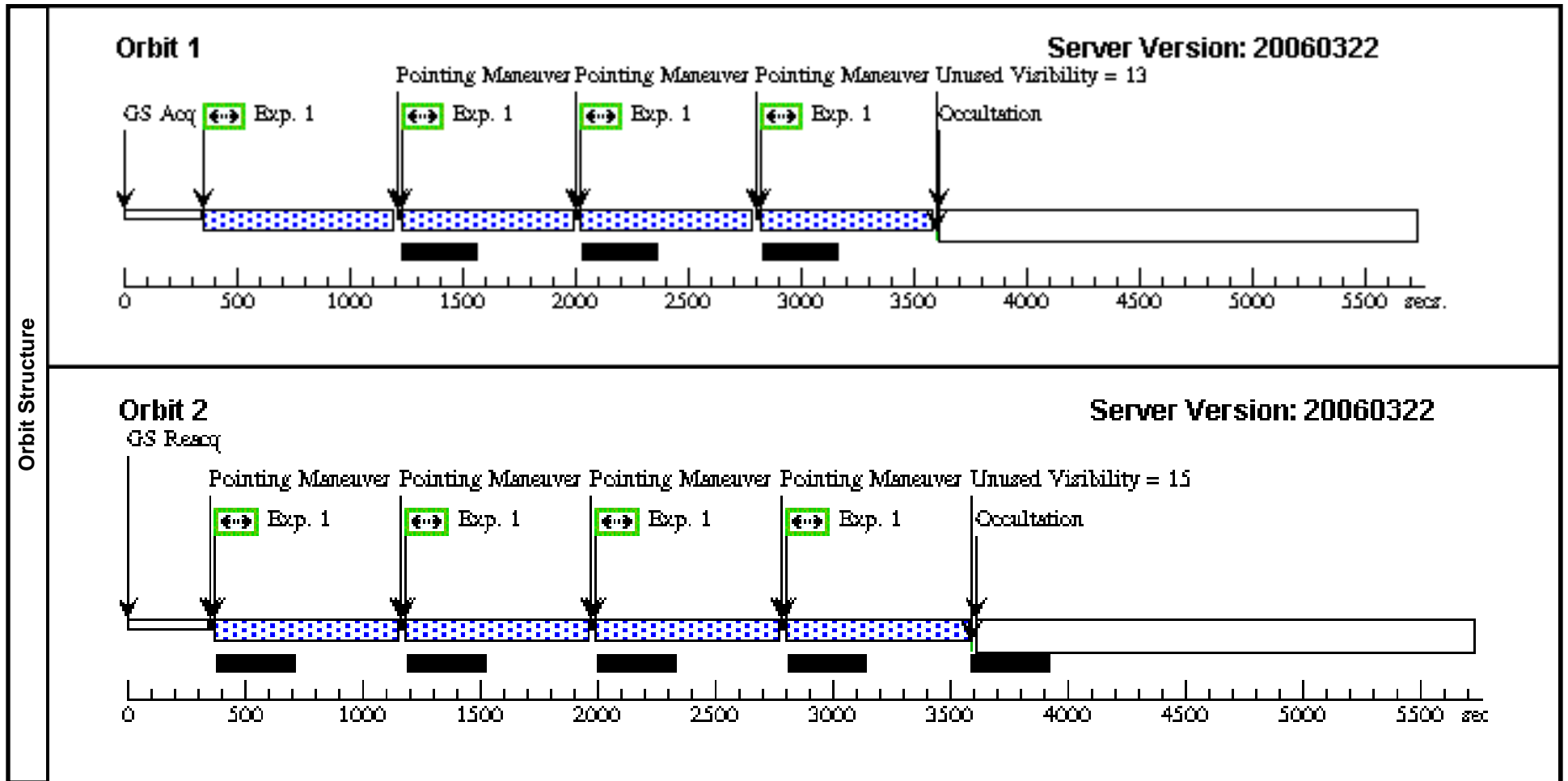
## Proposal 10521 - Overview

e) All exposures are done with the F814W filter, with the ACS/WFC.

Proposal 10521 - Visit 01 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:31 GMT 2006

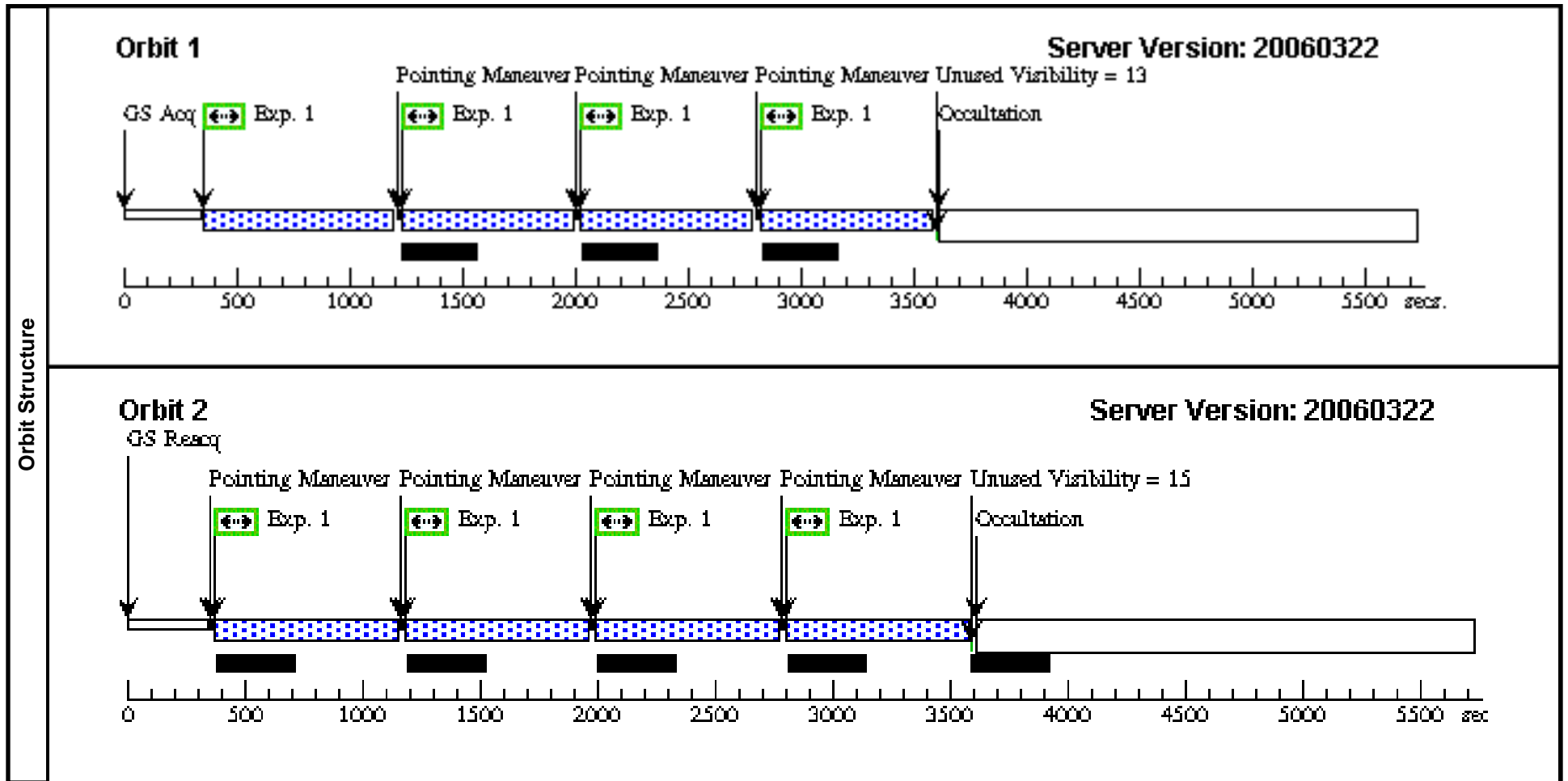
Visit	<b>Proposal 10521, Visit 01</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D; GROUP 01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25 WITHIN 40.0D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.000000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) IRAC-NEP-CENTER	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 02 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:32 GMT 2006

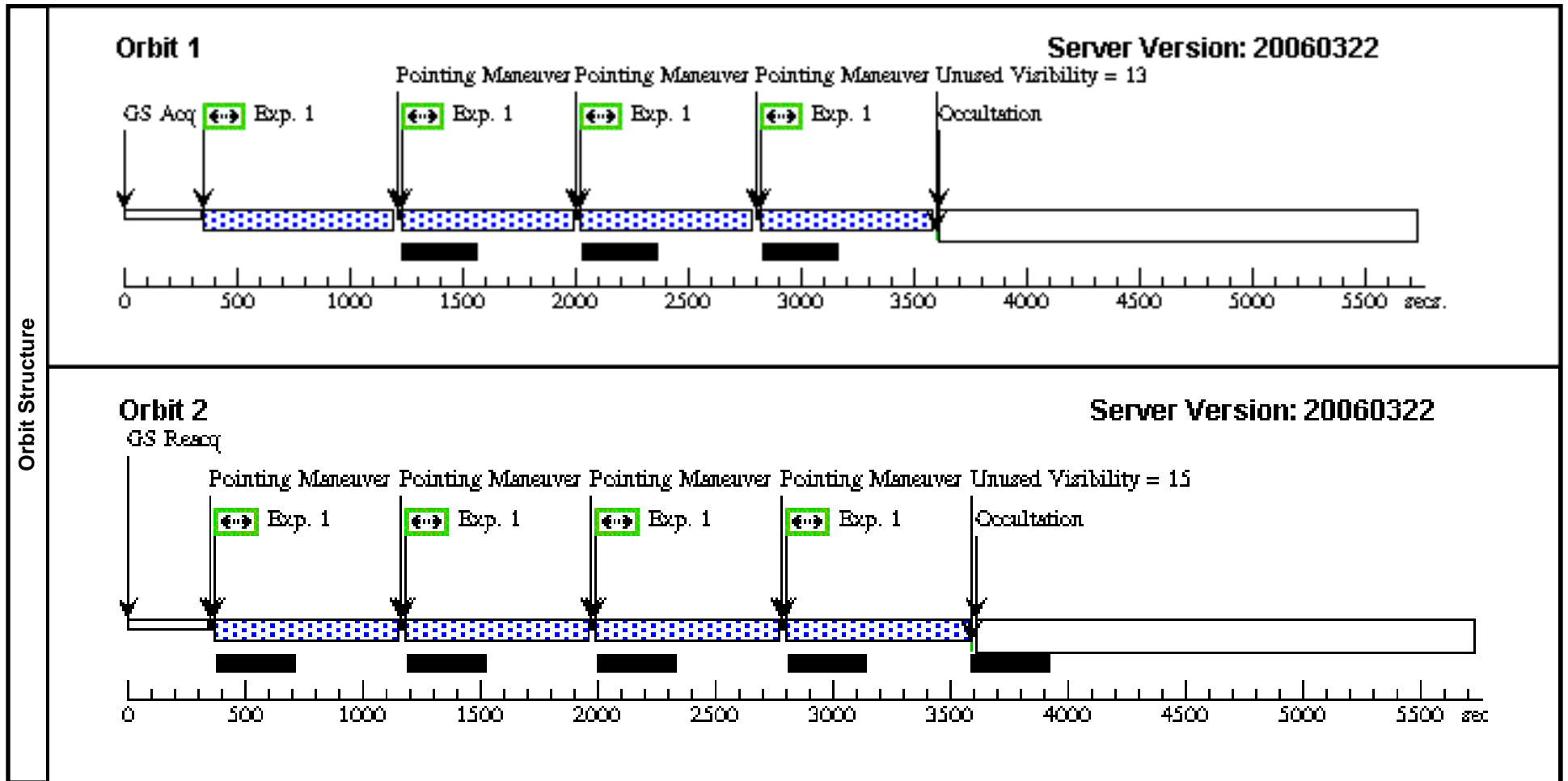
Visit	<b>Proposal 10521, Visit 02</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern	Secondary Pattern		Exposures				
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(2)	IRAC-4-3	Offset from IRAC-NEP-CENTER by RA Offset: 0.0 Secs Dec Offset: -180.0 Arcsec		V=25.0	Offset Position (IRAC-4-3) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) IRAC-4-3	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 03 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:32 GMT 2006

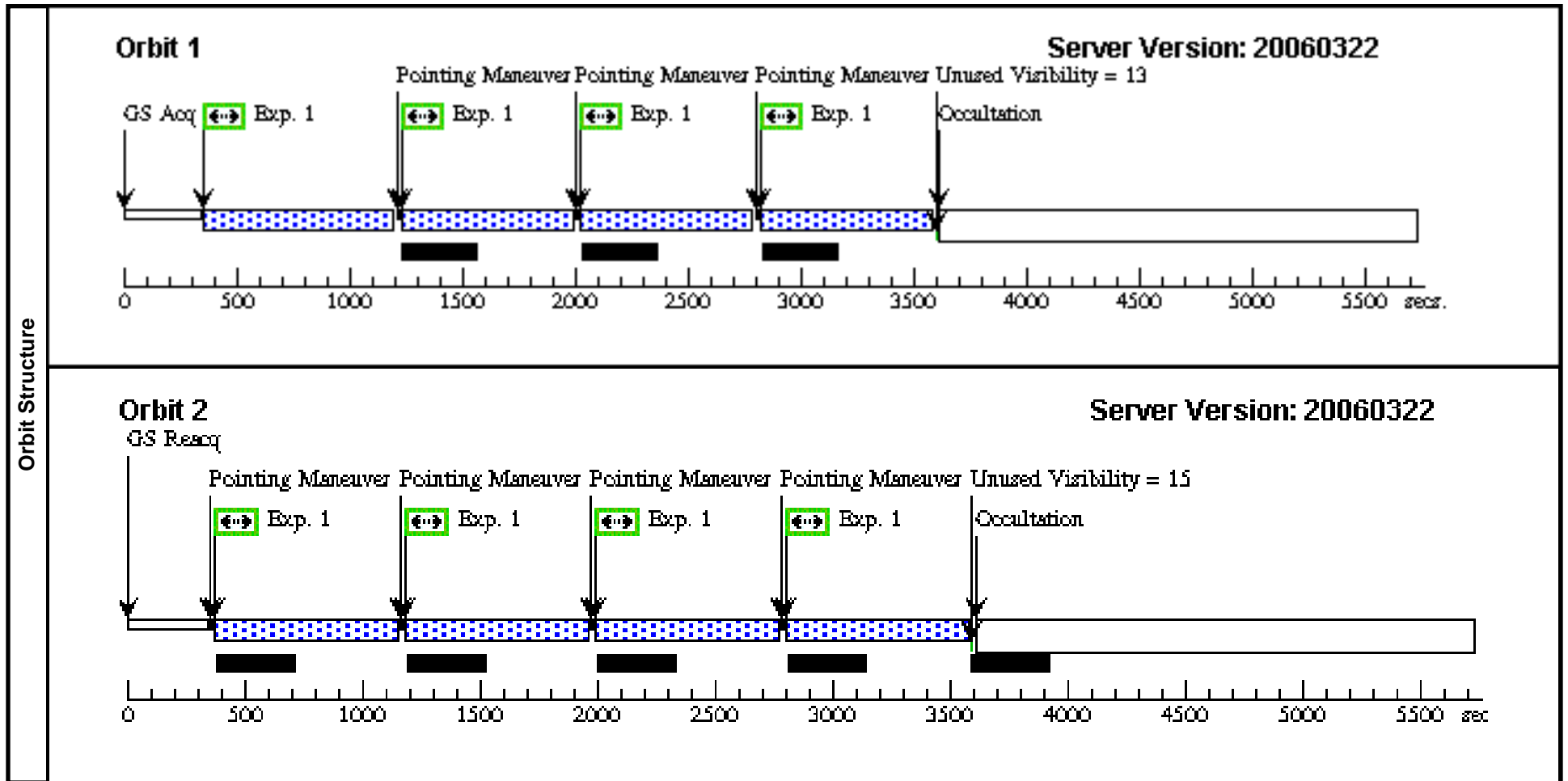
Visit	<b>Proposal 10521, Visit 03</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(3)	IRAC-5-3	Offset from IRAC-NEP-CENTER by RA Offset: 0.0 Secs Dec Offset: -360.0 Arcsec		V=25.0	Offset Position (IRAC-5-3) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) IRAC-5-3	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 04 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

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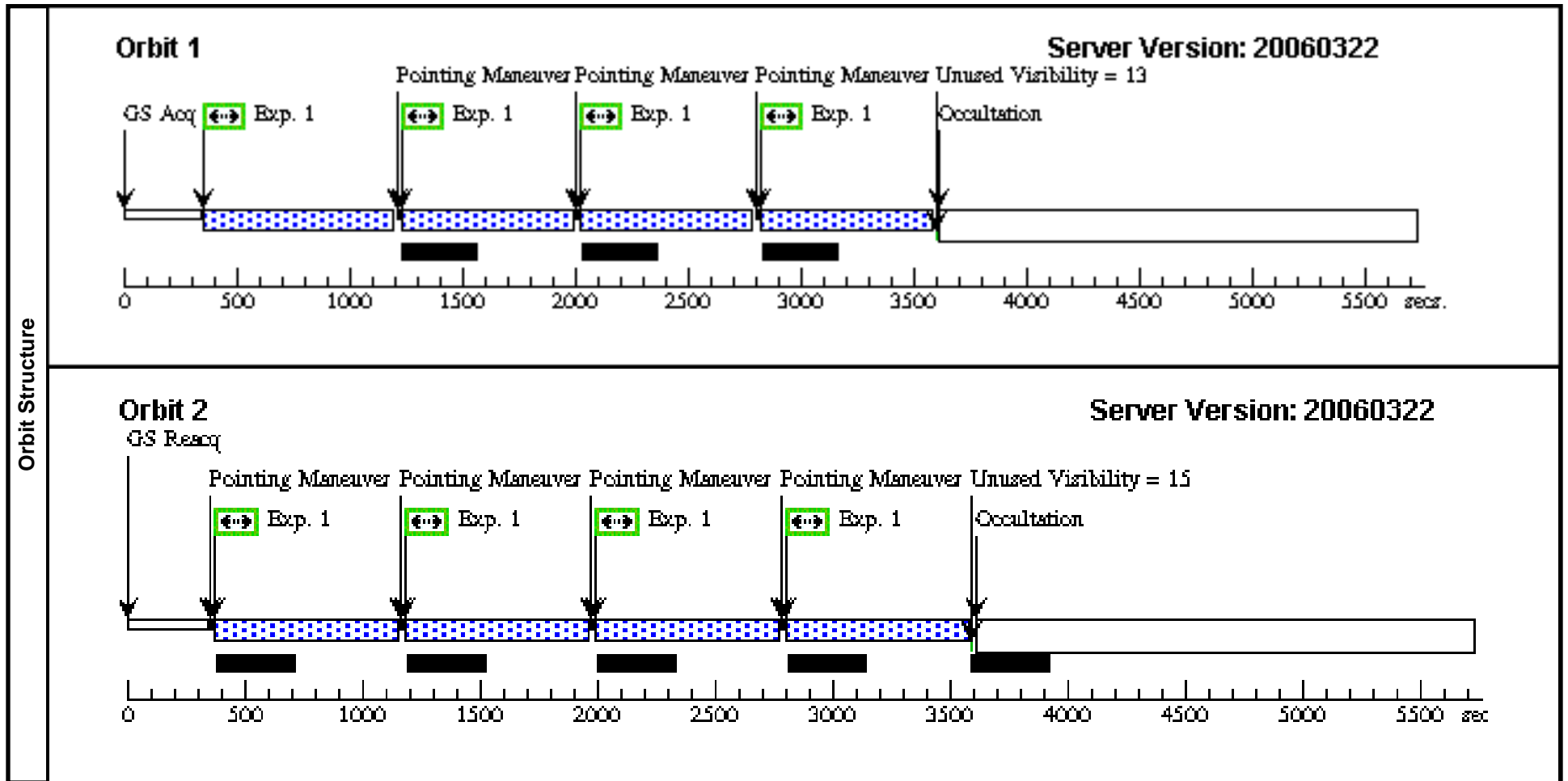
Visit	<b>Proposal 10521, Visit 04</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(4)	IRAC-2-3	Offset from IRAC-NEP-CENTER by RA Offset: 0.0 Secs Dec Offset: 180.0 Arcsec		V=25.0	Offset Position (IRAC-2-3) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) IRAC-2-3	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 05 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:33 GMT 2006

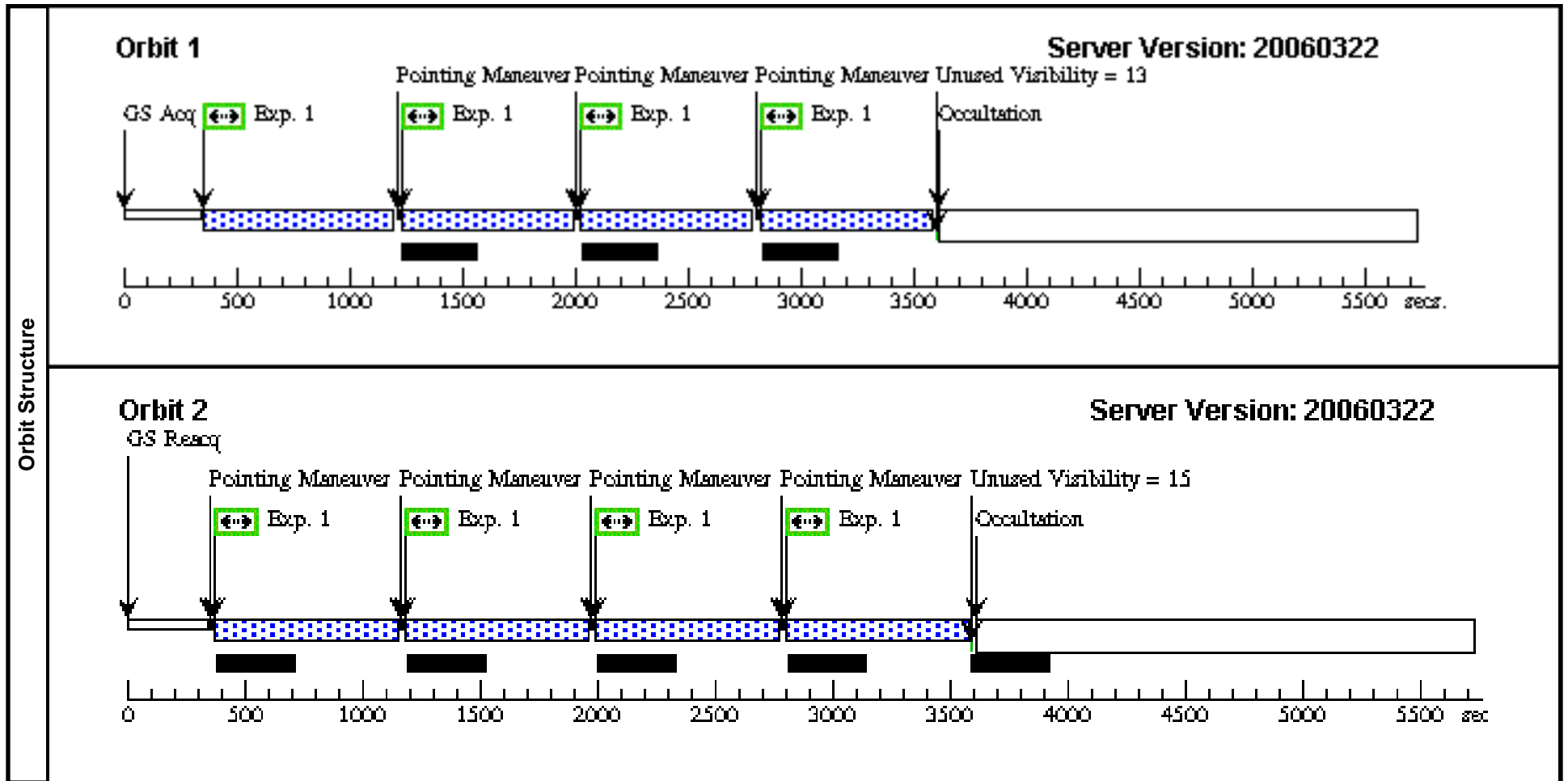
Visit	<b>Proposal 10521, Visit 05</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(5)	IRAC-1-3	Offset from IRAC-NEP-CENTER by RA Offset: 0.0 Secs Dec Offset: 360.0 Arcsec		V=25.0	Offset Position (IRAC-1-3) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) IRAC-1-3	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 06 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:34 GMT 2006

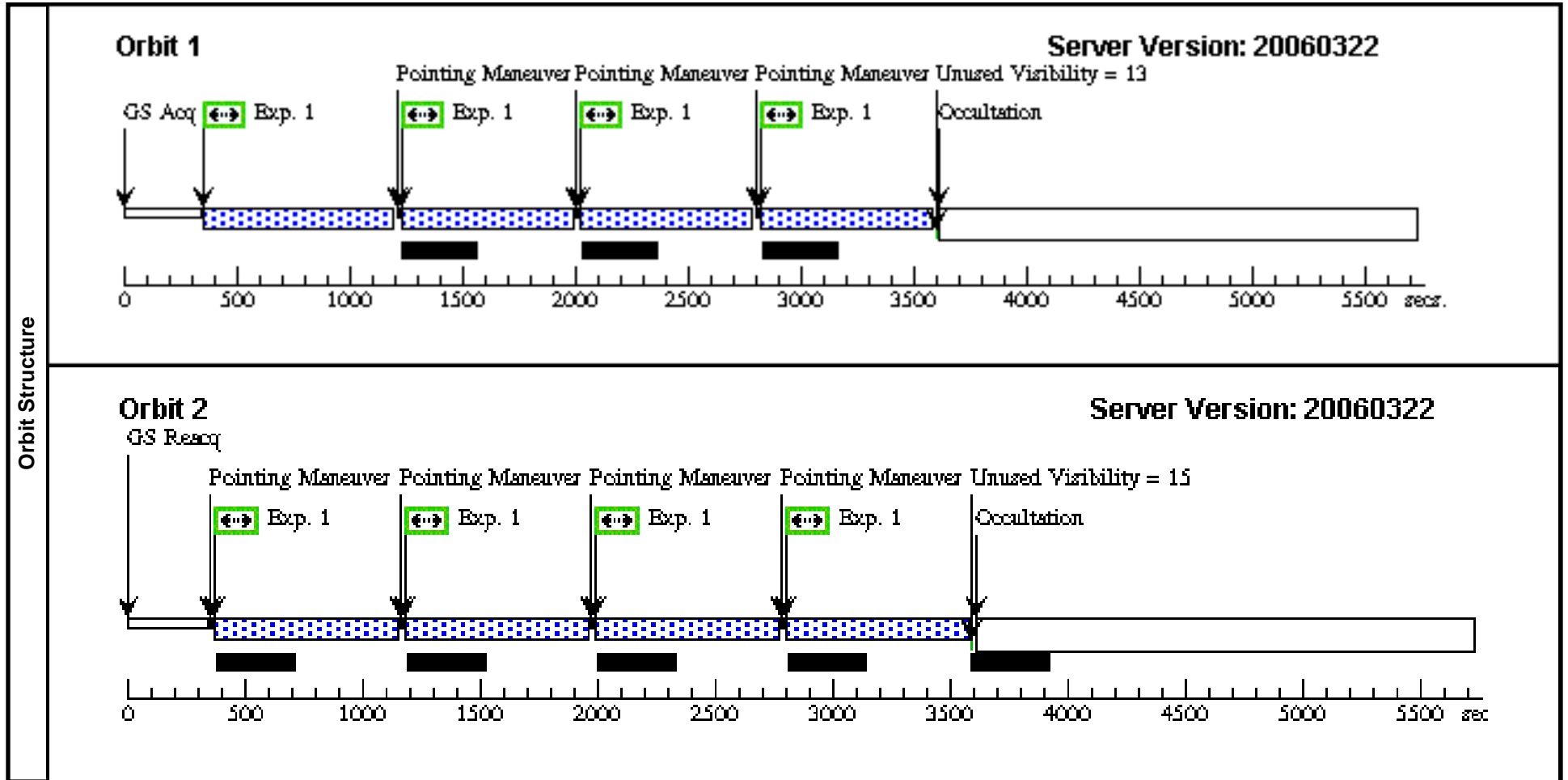
Visit	<b>Proposal 10521, Visit 06</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(6)	IRAC-1-2	Offset from IRAC-NEP-CENTER by RA Offset: 30.7 Secs Dec Offset: 360.0 Arcsec		V=25.0	Offset Position (IRAC-1-2) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(6) IRAC-1-2	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [=>(Pattern 1,1)] [=>(Pattern 1,2)] [=>(Pattern 1,3)] [=>(Pattern 1,4)]	[1]
								[=>654.0 Secs (Pattern 2,1)] [=>654.0 Secs (Pattern 2,2)] [=>654.0 Secs (Pattern 2,3)] [=>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 07 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:34 GMT 2006

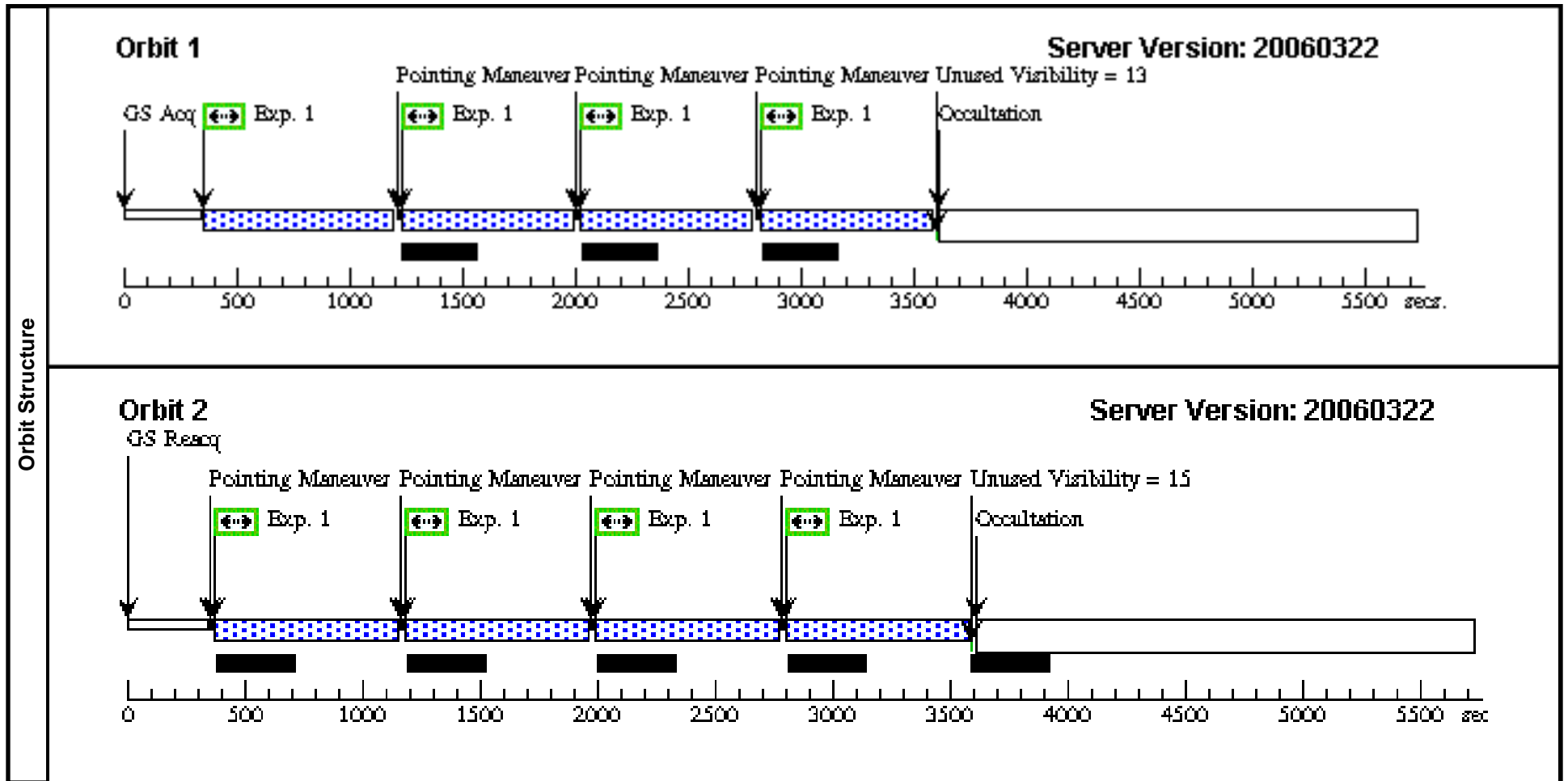
Visit	<b>Proposal 10521, Visit 07</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(7)	IRAC-2-2	Offset from IRAC-NEP-CENTER by RA Offset: 30.7 Secs Dec Offset: 180.0 Arcsec		V=25.0	Offset Position (IRAC-2-2) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) IRAC-2-2	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 08 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:35 GMT 2006

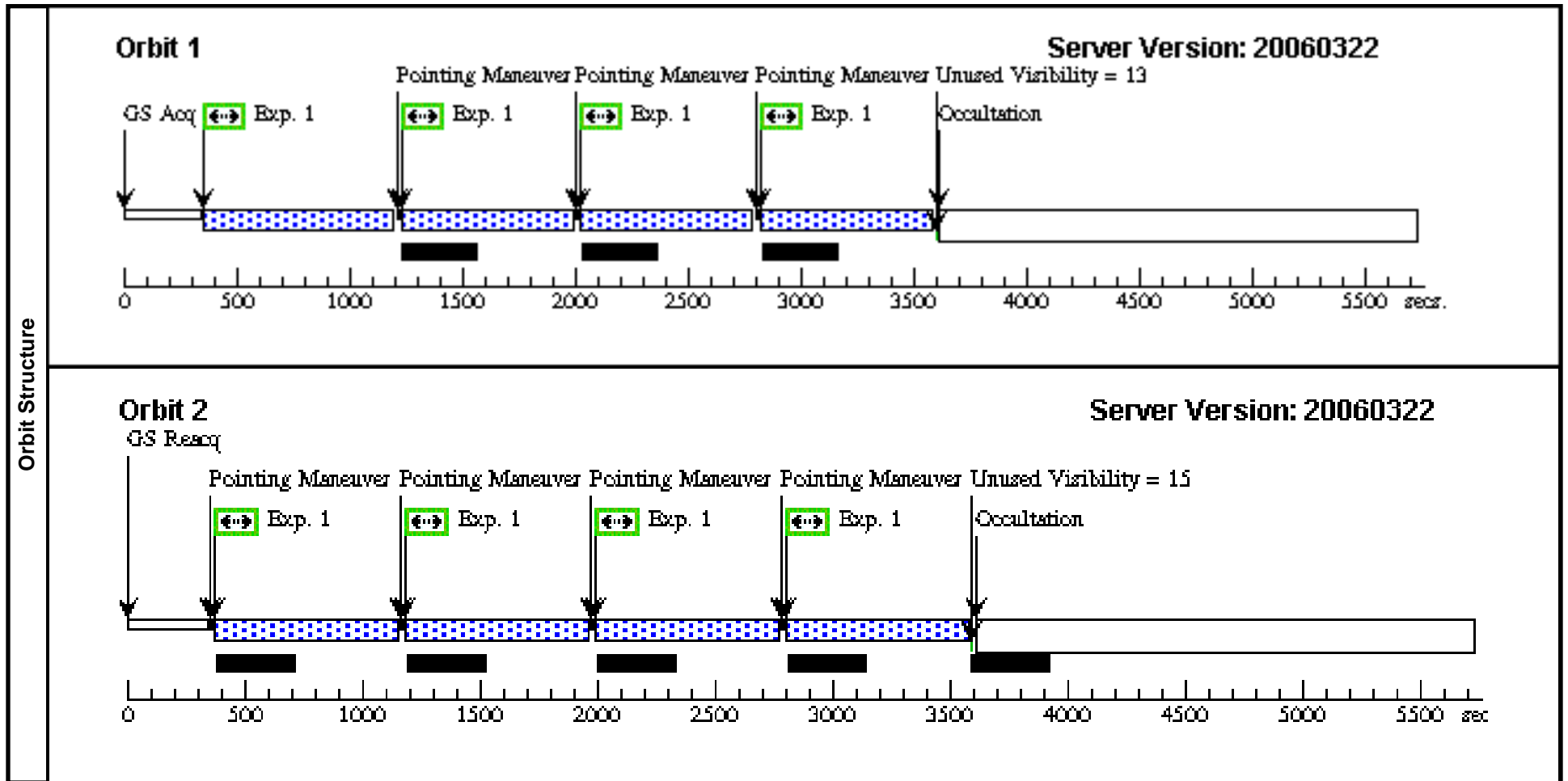
Visit	<b>Proposal 10521, Visit 08</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(8)	IRAC-3-2	Offset from IRAC-NEP-CENTER by RA Offset: 30.7 Secs Dec Offset: 0.0 Arcsec		V=25.0	Offset Position (IRAC-3-2) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(8) IRAC-3-2	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 09 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:35 GMT 2006

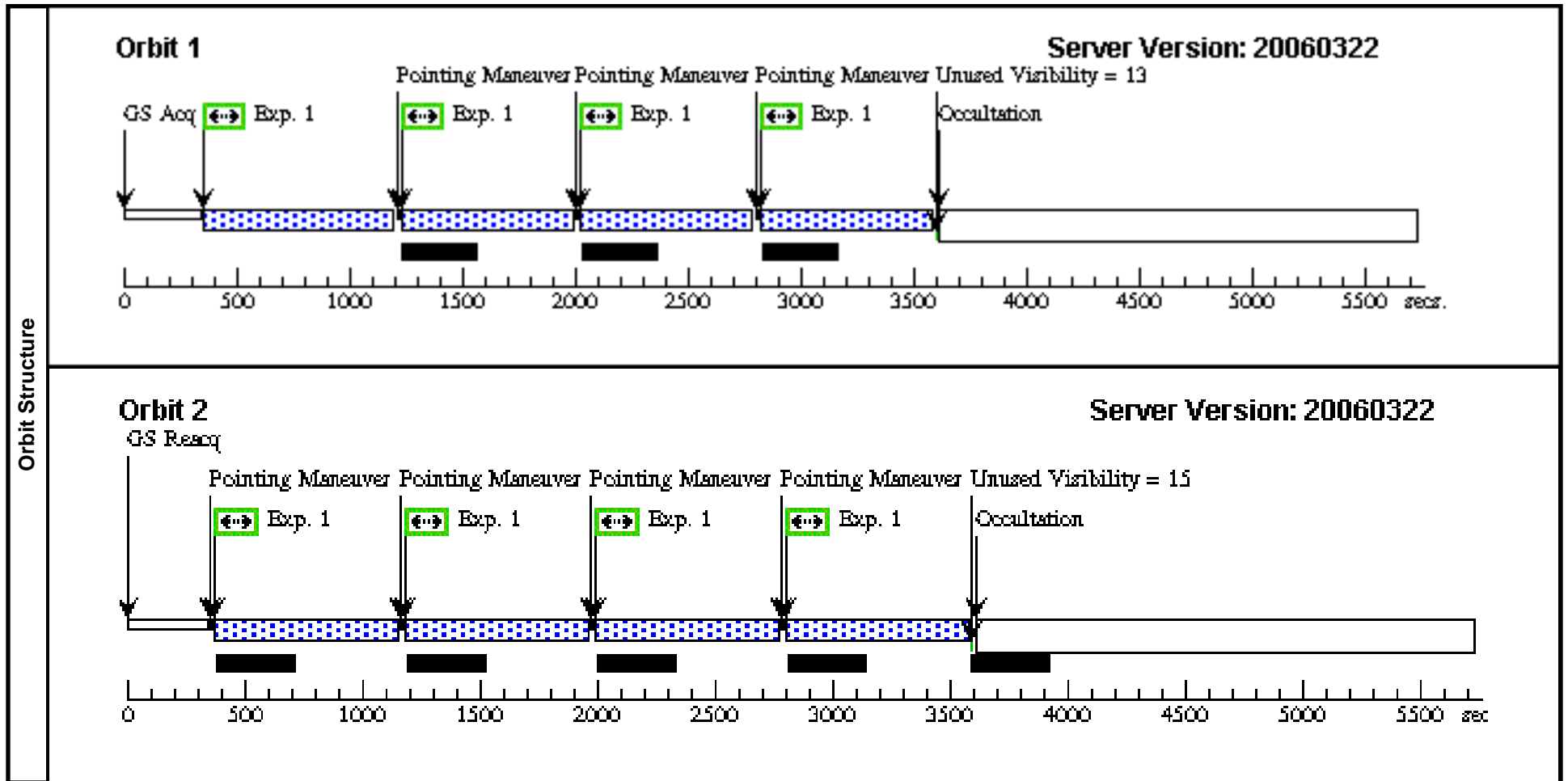
Visit	<b>Proposal 10521, Visit 09</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(9)	IRAC-4-2	Offset from IRAC-NEP-CENTER by RA Offset: 30.7 Secs Dec Offset: -180.0 Arcsec		V=25.0	Offset Position (IRAC-4-2) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(9) IRAC-4-2	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [=>(Pattern 1,1)] [=>(Pattern 1,2)] [=>(Pattern 1,3)] [=>(Pattern 1,4)]	[1]
								[=>654.0 Secs (Pattern 2,1)] [=>654.0 Secs (Pattern 2,2)] [=>654.0 Secs (Pattern 2,3)] [=>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 10 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:36 GMT 2006

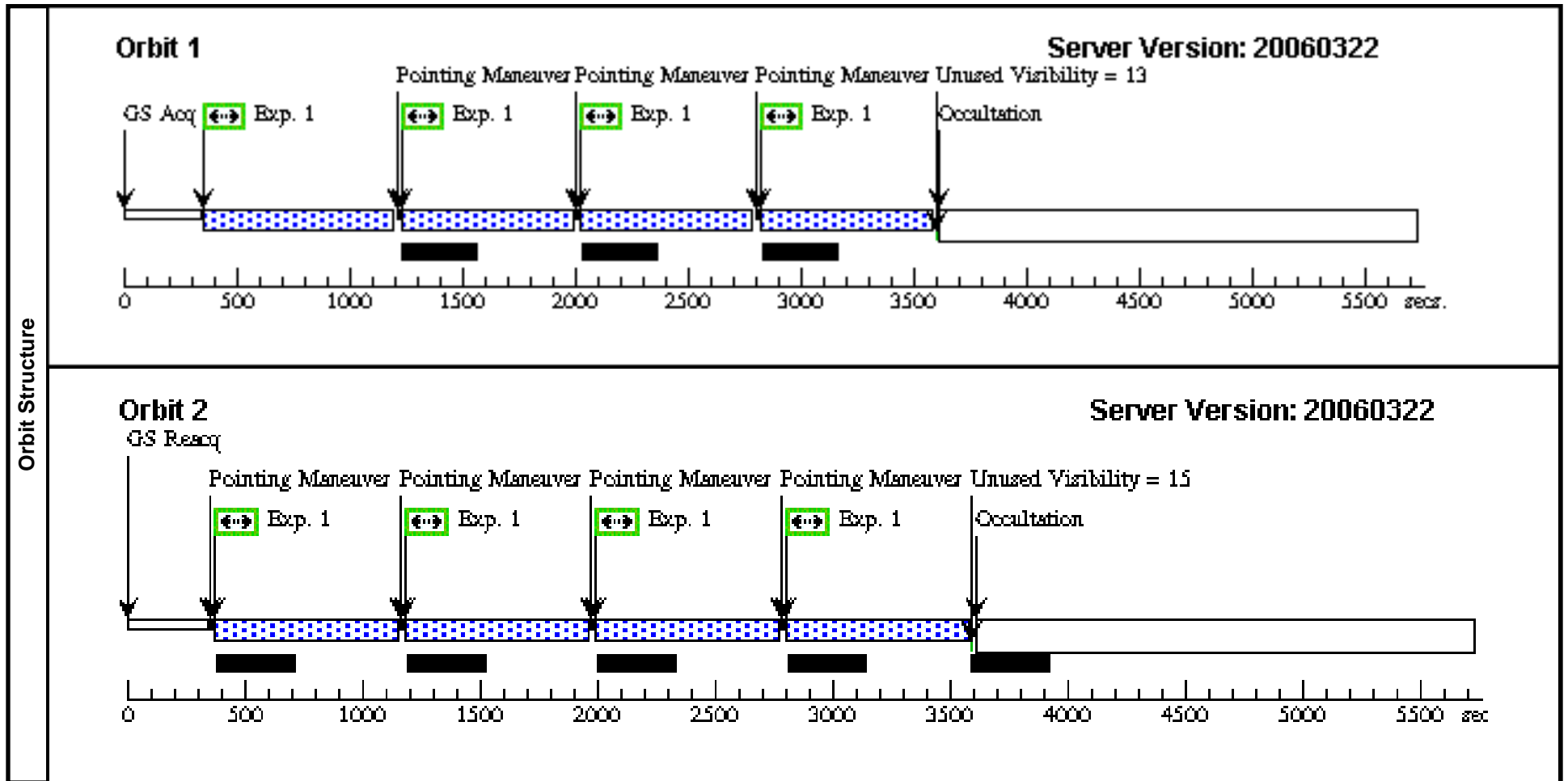
Visit	<b>Proposal 10521, Visit 10</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern	Secondary Pattern		Exposures				
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(10)	IRAC-5-2	Offset from IRAC-NEP-CENTER by RA Offset: 30.7 Secs Dec Offset: -360.0 Arcsec		V=25.0	Offset Position (IRAC-5-2) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(10) IRAC-5-2	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 11 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:36 GMT 2006

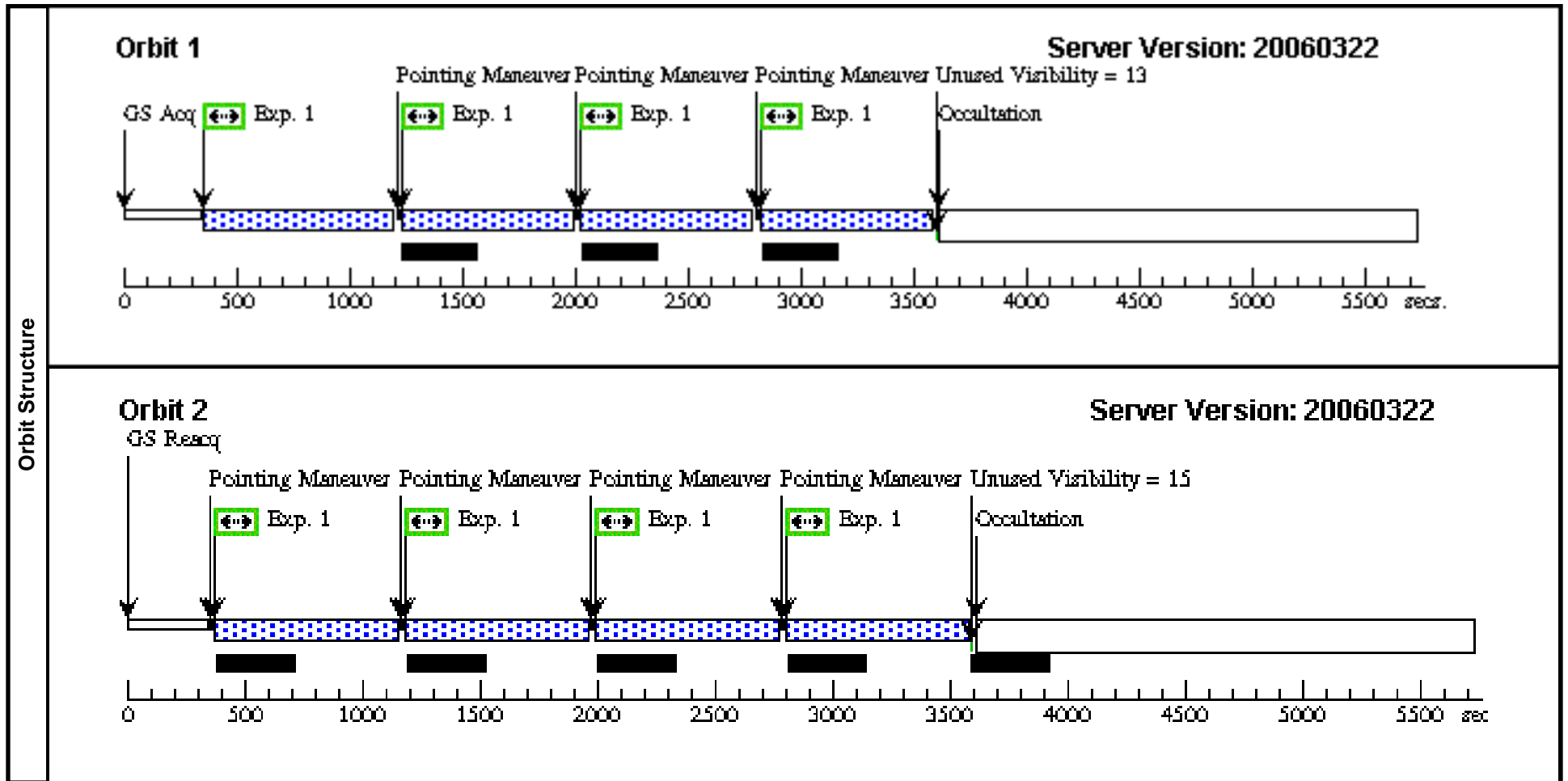
Visit	<b>Proposal 10521, Visit 11</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(11)	IRAC-1-1	Offset from IRAC-NEP-CENTER by RA Offset: 61.42 Secs Dec Offset: 360.0 Arcsec		V=25.0	Offset Position (IRAC-1-1) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) IRAC-1-1	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 12 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:36 GMT 2006

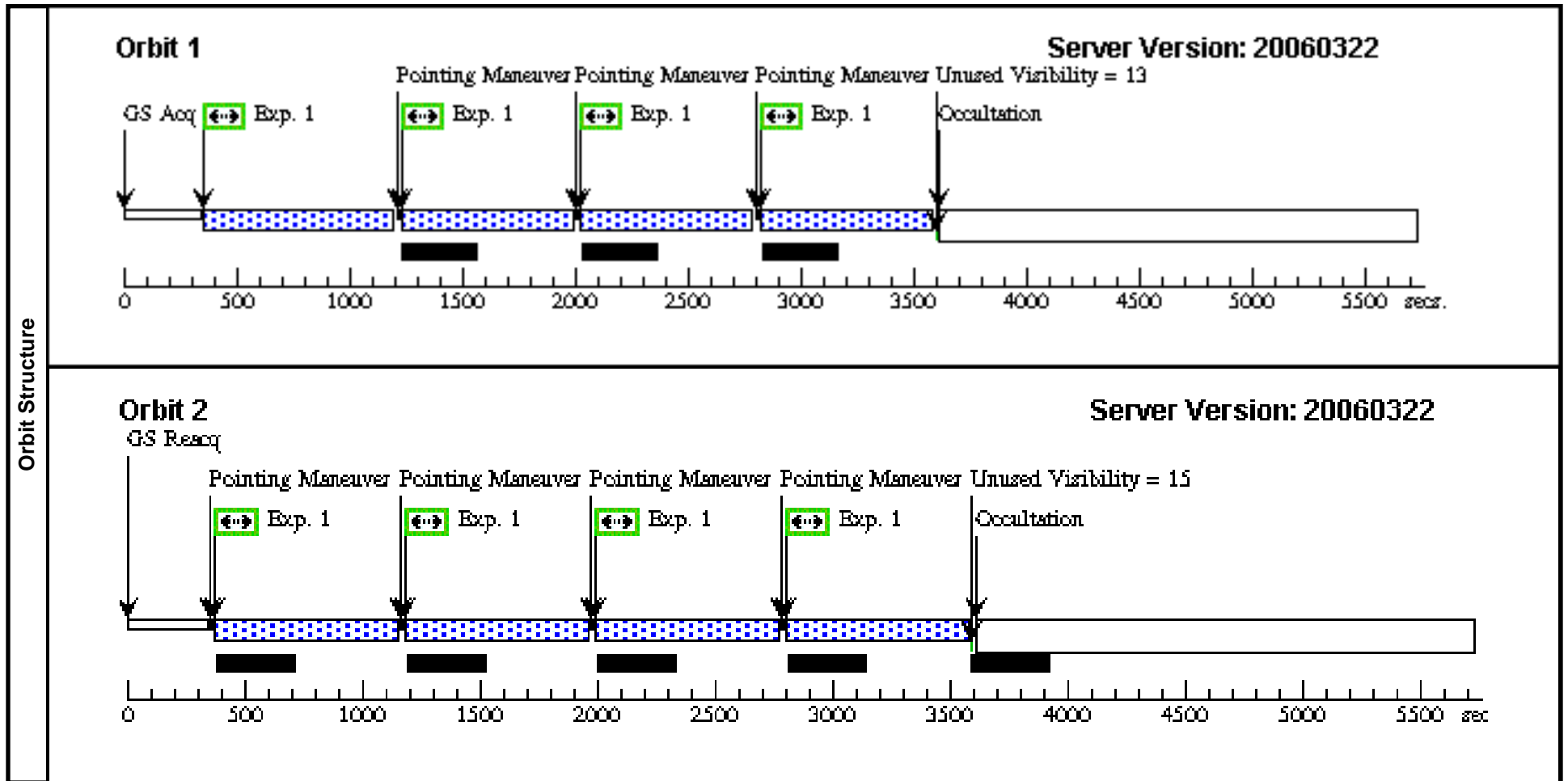
Visit	<b>Proposal 10521, Visit 12</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(12)	IRAC-2-1	Offset from IRAC-NEP-CENTER by RA Offset: 60.42 Secs Dec Offset: 180.0 Arcsec		V=25.0	Offset Position (IRAC-2-1) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(12) IRAC-2-1	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [=>(Pattern 1,1)] [=>(Pattern 1,2)] [=>(Pattern 1,3)] [=>(Pattern 1,4)] [=>654.0 Secs (Pattern 2,1)] [=>654.0 Secs (Pattern 2,2)] [=>654.0 Secs (Pattern 2,3)] [=>654.0 Secs (Pattern 2,4)]	[1]    [2]



Proposal 10521 - Visit 13 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:38 GMT 2006

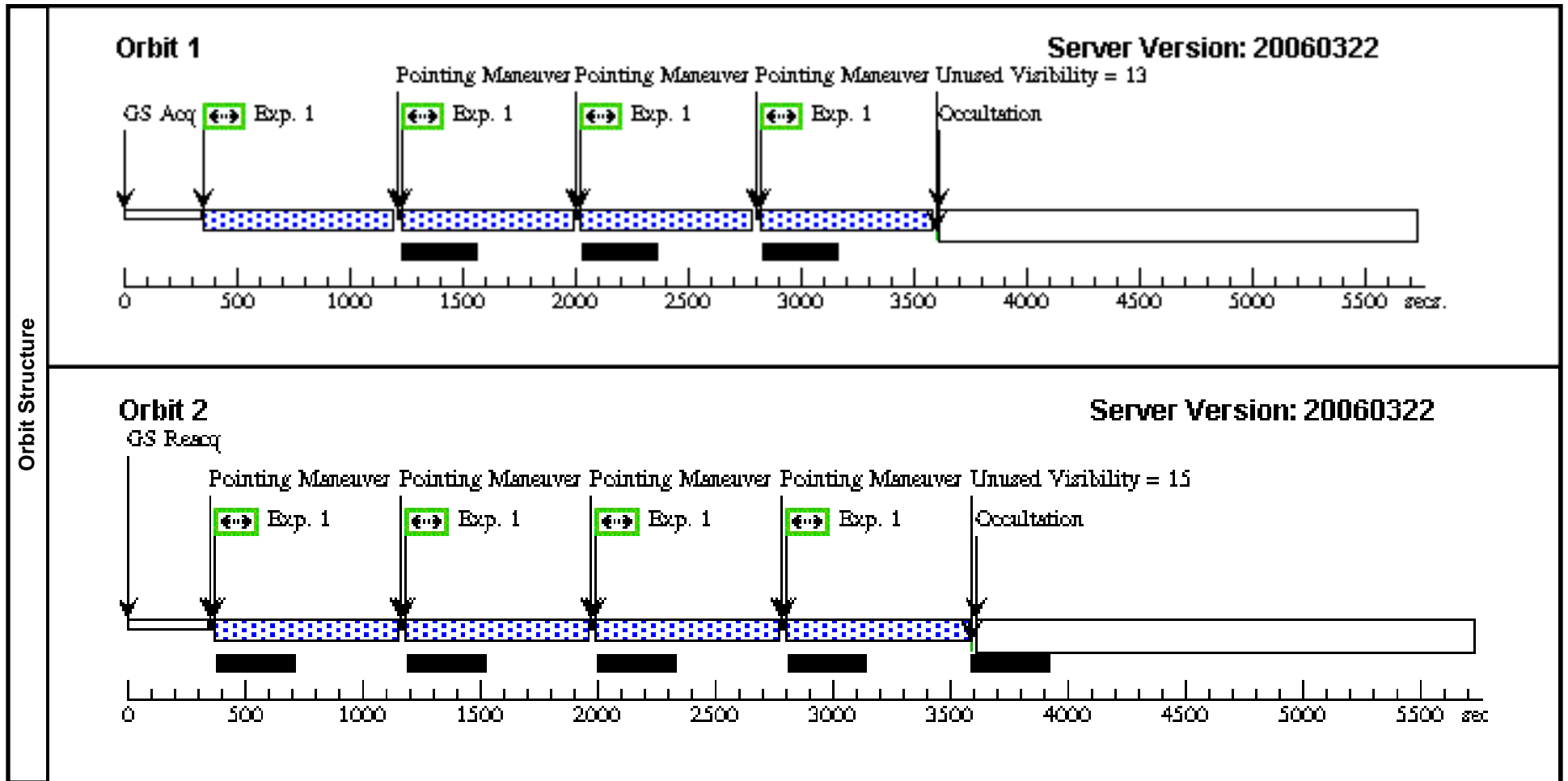
Visit	<b>Proposal 10521, Visit 13</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(13)	IRAC-3-1	Offset from IRAC-NEP-CENTER by RA Offset: 60.42 Secs Dec Offset: 0.0 Arcsec		V=25.0	Offset Position (IRAC-3-1) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(13) IRAC-3-1	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 14 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:38 GMT 2006

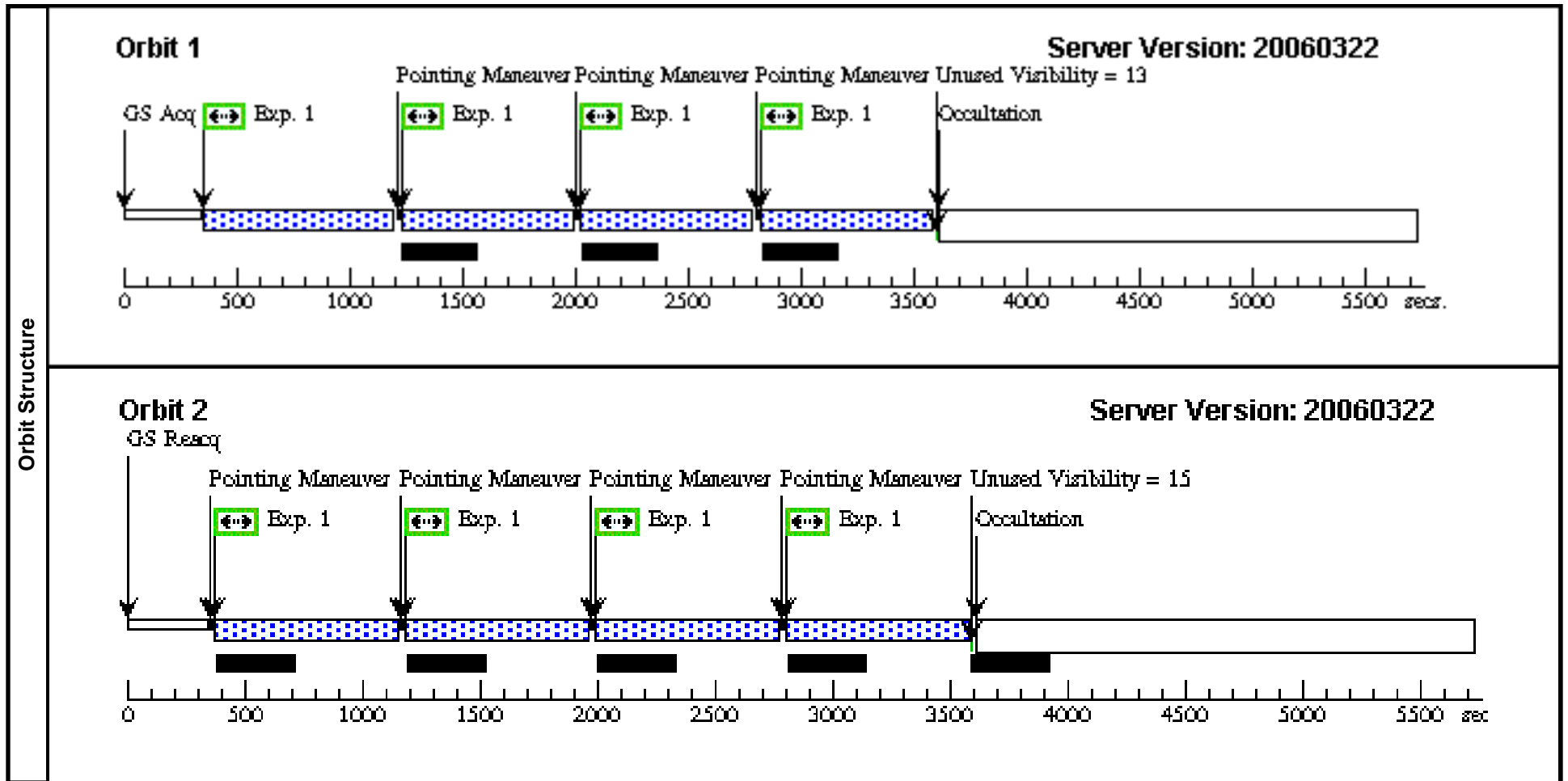
Visit	<b>Proposal 10521, Visit 14</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(14)	IRAC-4-1	Offset from IRAC-NEP-CENTER by RA Offset: 60.42 Secs Dec Offset: -180.0 Arcsec		V=25.0	Offset Position (IRAC-4-1) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(14) IRAC-4-1	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 15 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:39 GMT 2006

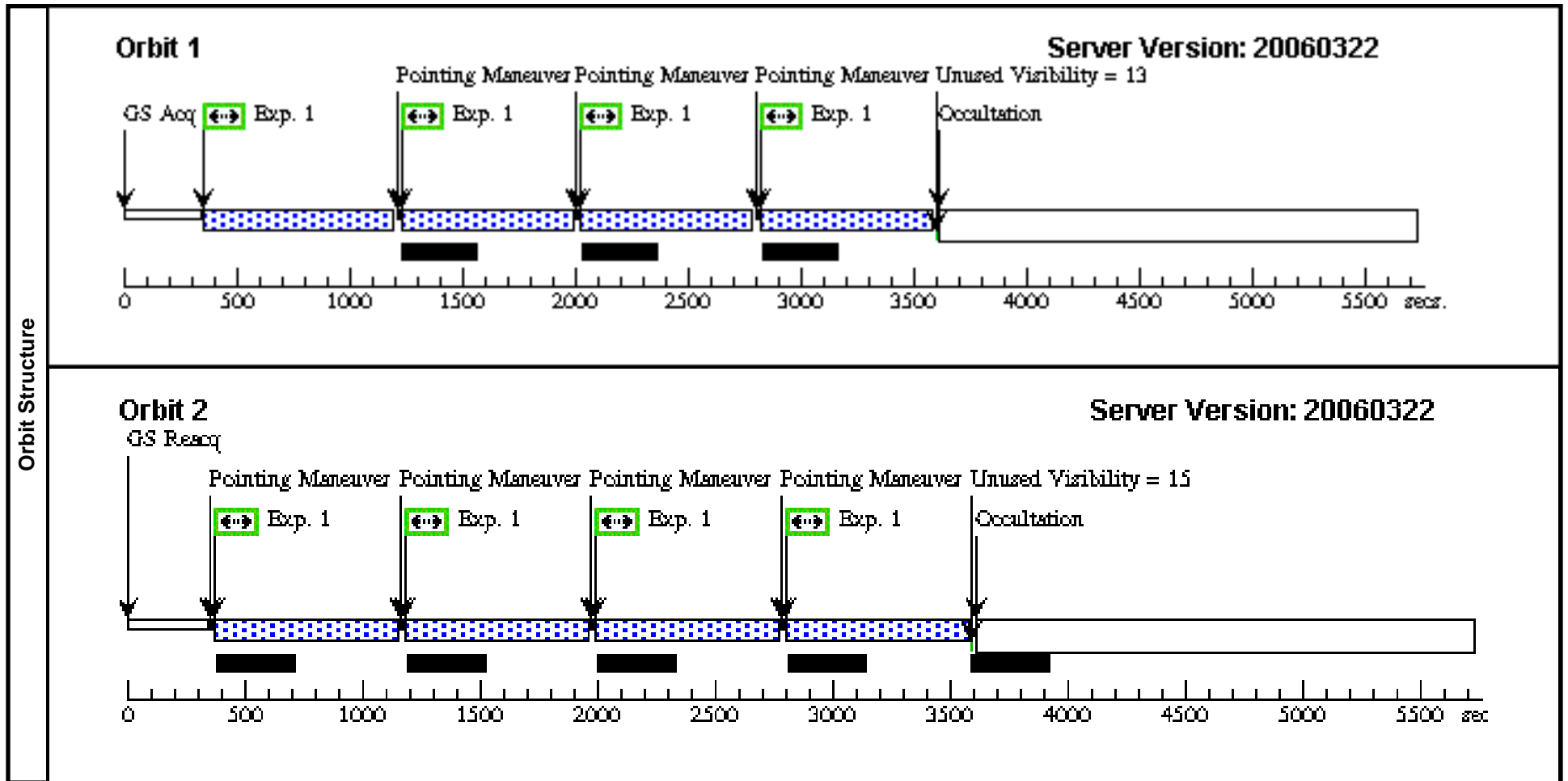
Visit	<b>Proposal 10521, Visit 15</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(15)	IRAC-5-1	Offset from IRAC-NEP-CENTER by RA Offset: 60.42 Secs Dec Offset: -360.0 Arcsec		V=25.0	Offset Position (IRAC-5-1) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(15) IRAC-5-1	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 16 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:39 GMT 2006

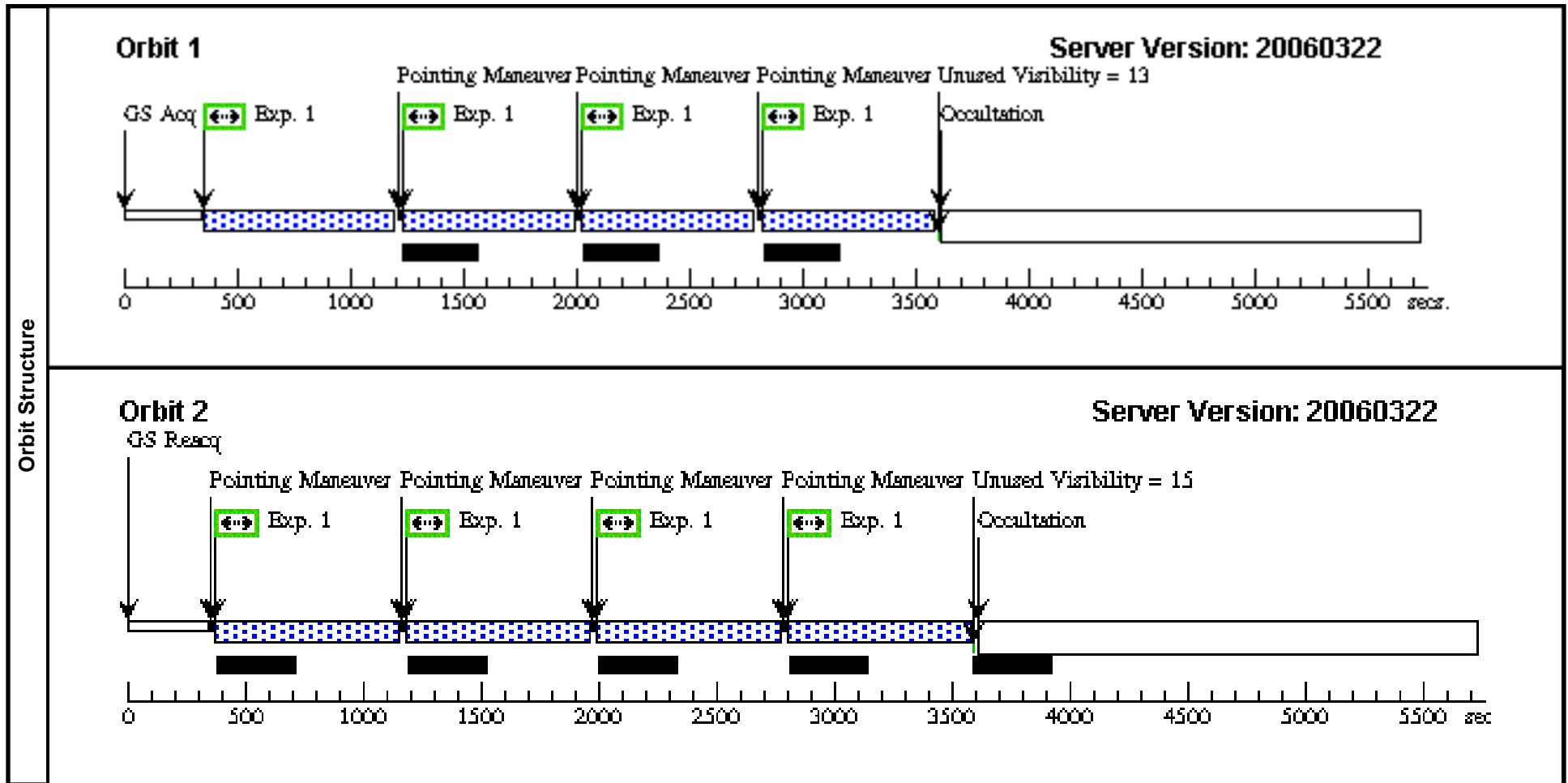
Visit	<b>Proposal 10521, Visit 16</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern	Secondary Pattern		Exposures				
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(16)	IRAC-1-4	Offset from IRAC-NEP-CENTER by RA Offset: -30.7 Secs Dec Offset: 360.0 Arcsec		V=25.0	Offset Position (IRAC-1-4) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(16) IRAC-1-4	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 17 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:39 GMT 2006

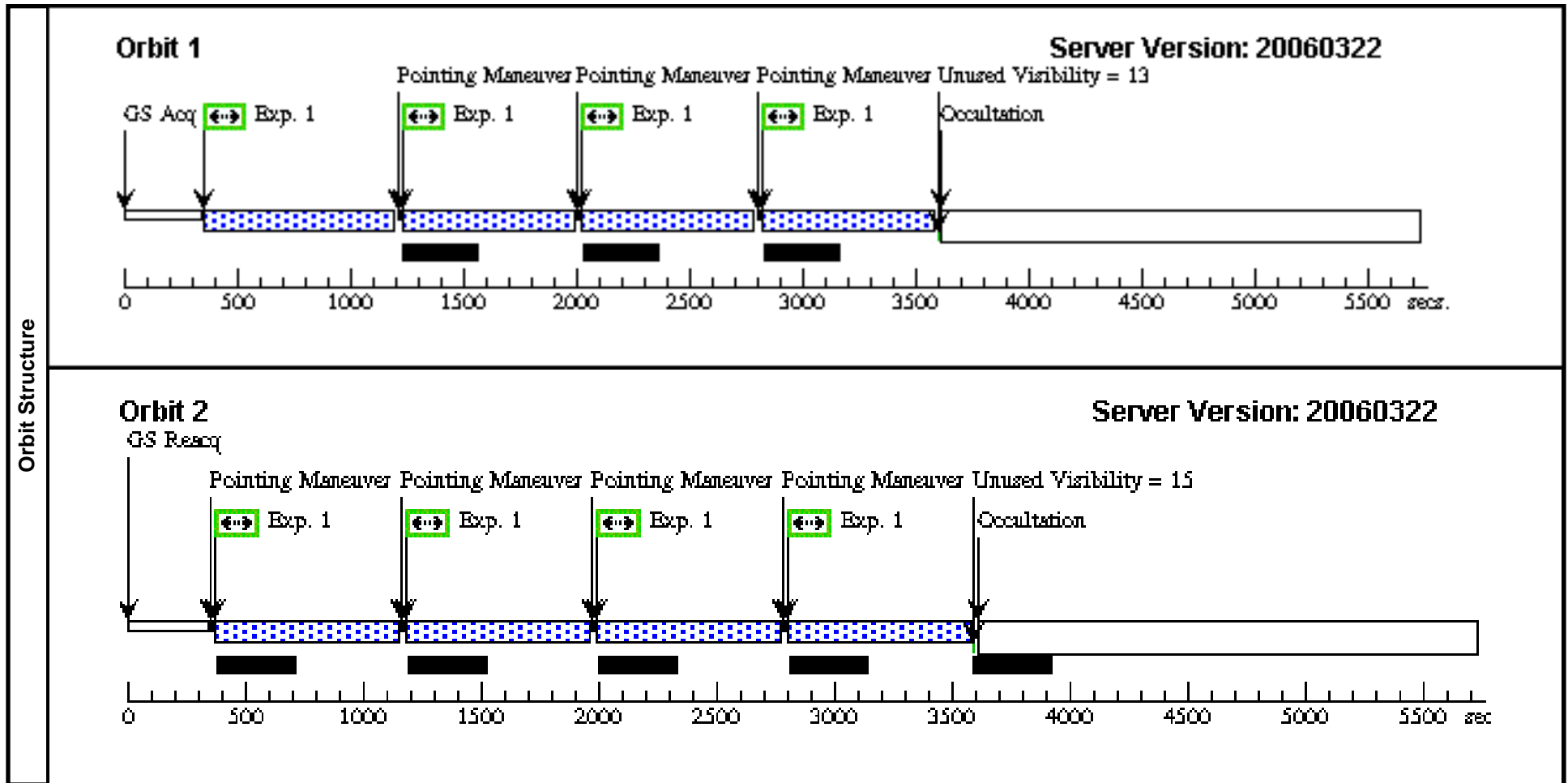
Visit	<b>Proposal 10521, Visit 17</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(17)	IRAC-2-4	Offset from IRAC-NEP-CENTER by RA Offset: -30.7 Secs Dec Offset: 180.0 Arcsec		V=25.0	Offset Position (IRAC-2-4) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(17) IRAC-2-4	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [=>(Pattern 1,1)] [=>(Pattern 1,2)] [=>(Pattern 1,3)] [=>(Pattern 1,4)] [=>654.0 Secs (Pattern 2,1)] [=>654.0 Secs (Pattern 2,2)] [=>654.0 Secs (Pattern 2,3)] [=>654.0 Secs (Pattern 2,4)]	[1]    [2]



Proposal 10521 - Visit 18 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:40 GMT 2006

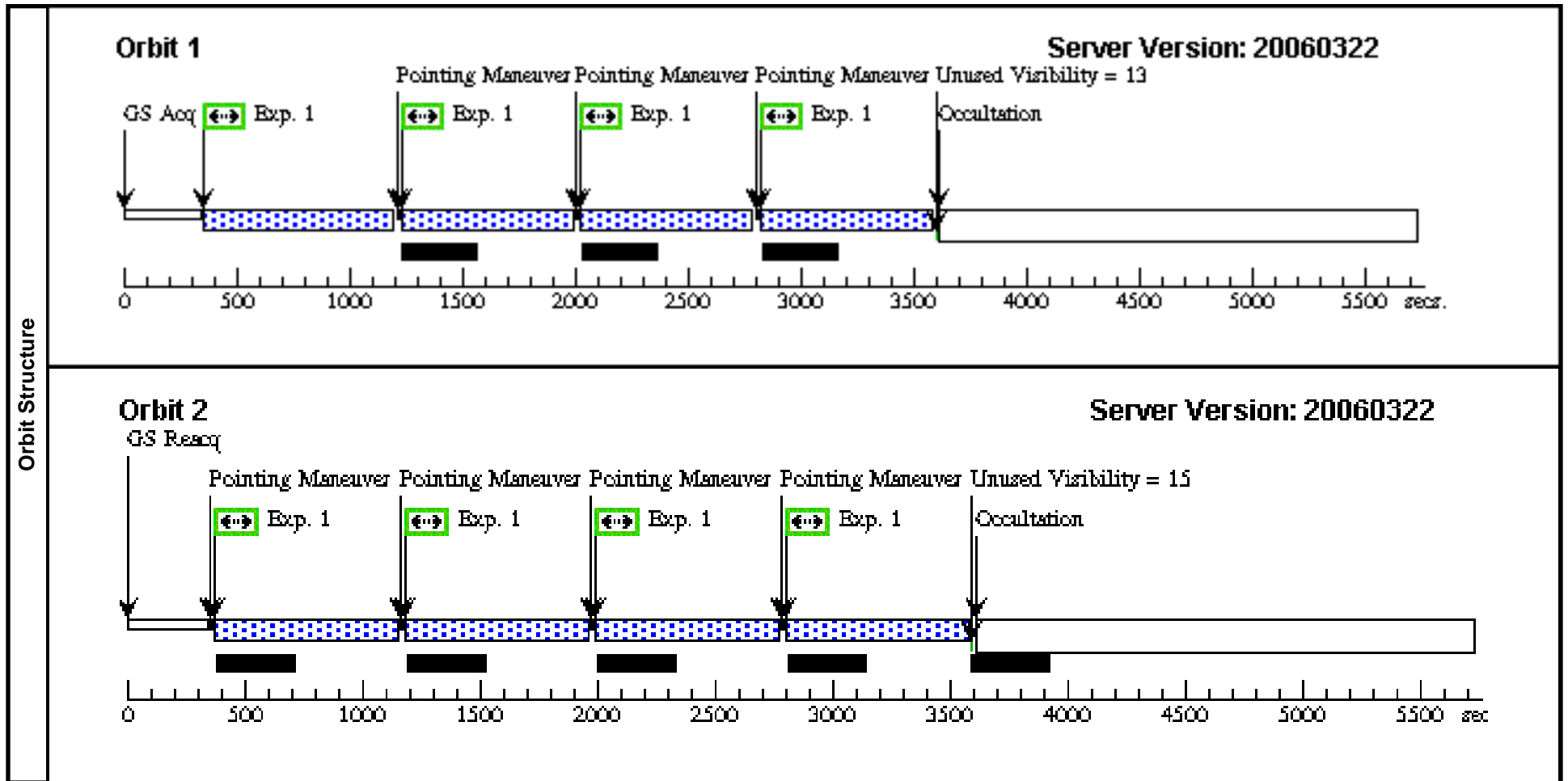
Visit	<b>Proposal 10521, Visit 18</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern	Secondary Pattern		Exposures				
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(18)	IRAC-3-4	Offset from IRAC-NEP-CENTER by RA Offset: -30.7 Secs Dec Offset: 0.0 Arcsec		V=25.0	Offset Position (IRAC-3-4) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(18) IRAC-3-4	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 19 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:40 GMT 2006

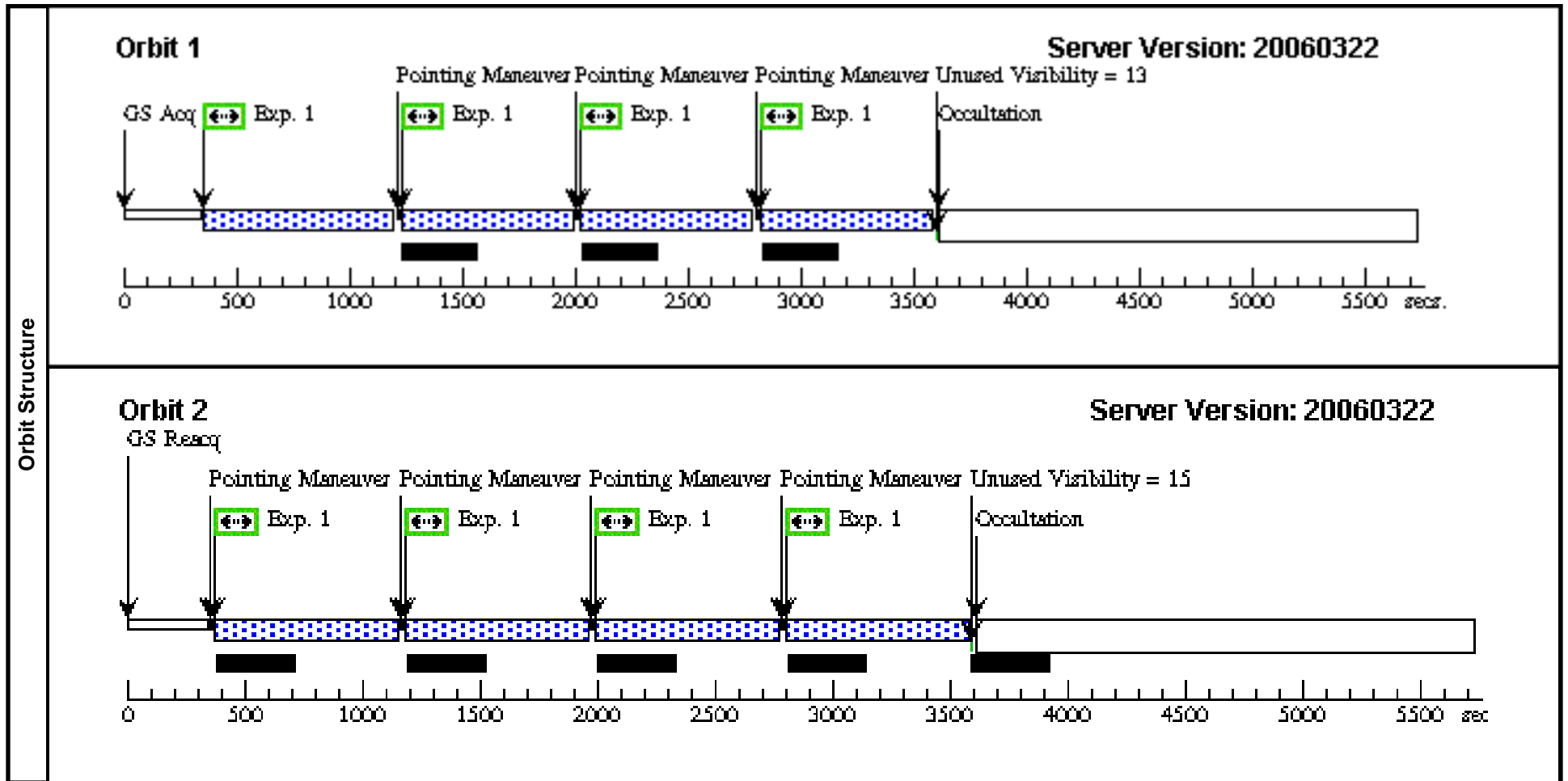
Visit	<b>Proposal 10521, Visit 19</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern	Secondary Pattern		Exposures				
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(19)	IRAC-4-4	Offset from IRAC-NEP-CENTER by RA Offset: -30.7 Secs Dec Offset: -180.0 Arcsec		V=25.0	Offset Position (IRAC-4-4) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(19) IRAC-4-4	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [=>(Pattern 1,1)] [=>(Pattern 1,2)] [=>(Pattern 1,3)] [=>(Pattern 1,4)]	[1]
								[=>654.0 Secs (Pattern 2,1)] [=>654.0 Secs (Pattern 2,2)] [=>654.0 Secs (Pattern 2,3)] [=>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 20 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:40 GMT 2006

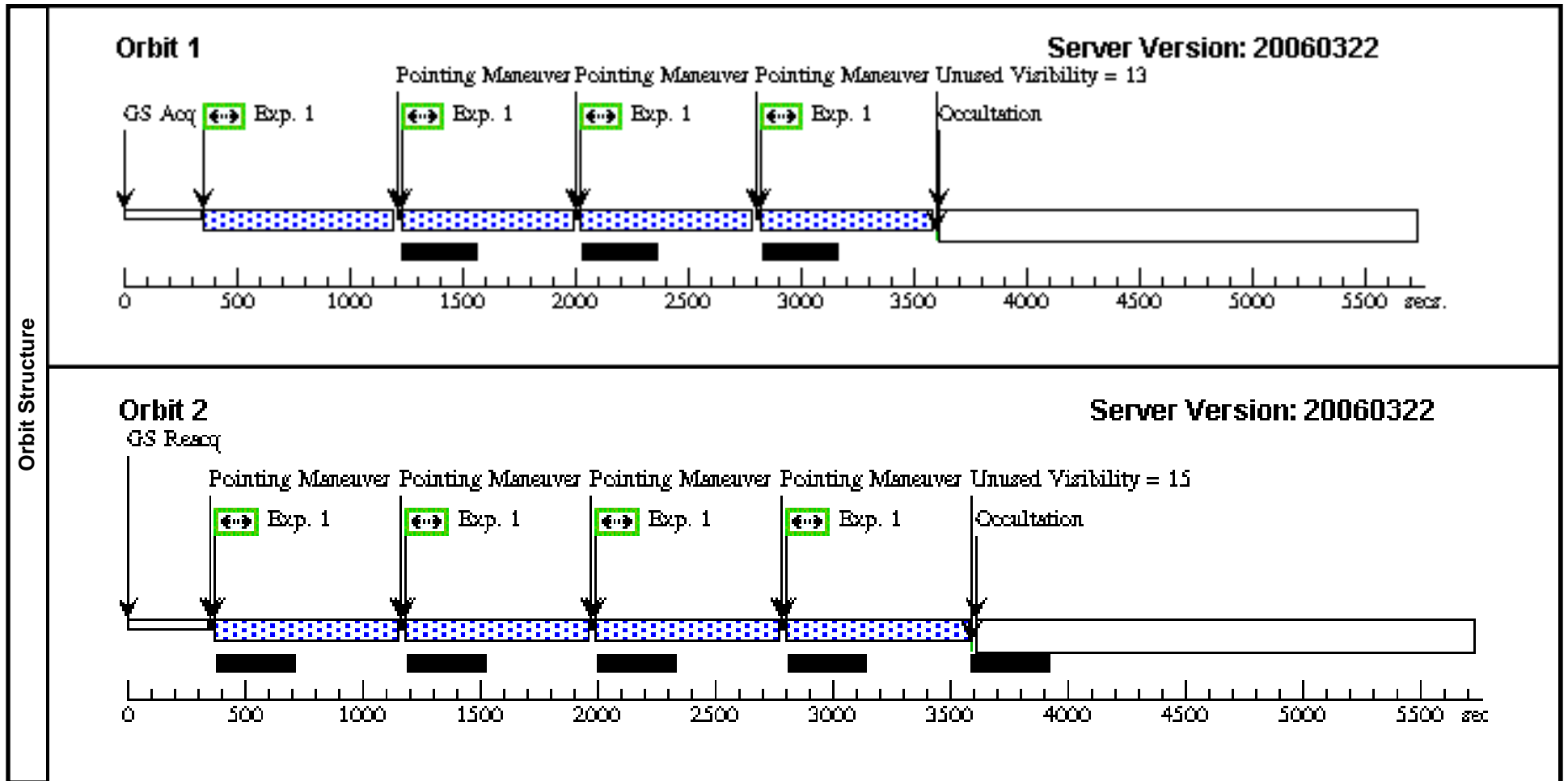
Visit	<b>Proposal 10521, Visit 20</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(20)	IRAC-5-4	Offset from IRAC-NEP-CENTER by RA Offset: -30.7 Secs Dec Offset: -360.0 Arcsec		V=25.0	Offset Position (IRAC-5-4) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(20) IRAC-5-4	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 21 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:41 GMT 2006

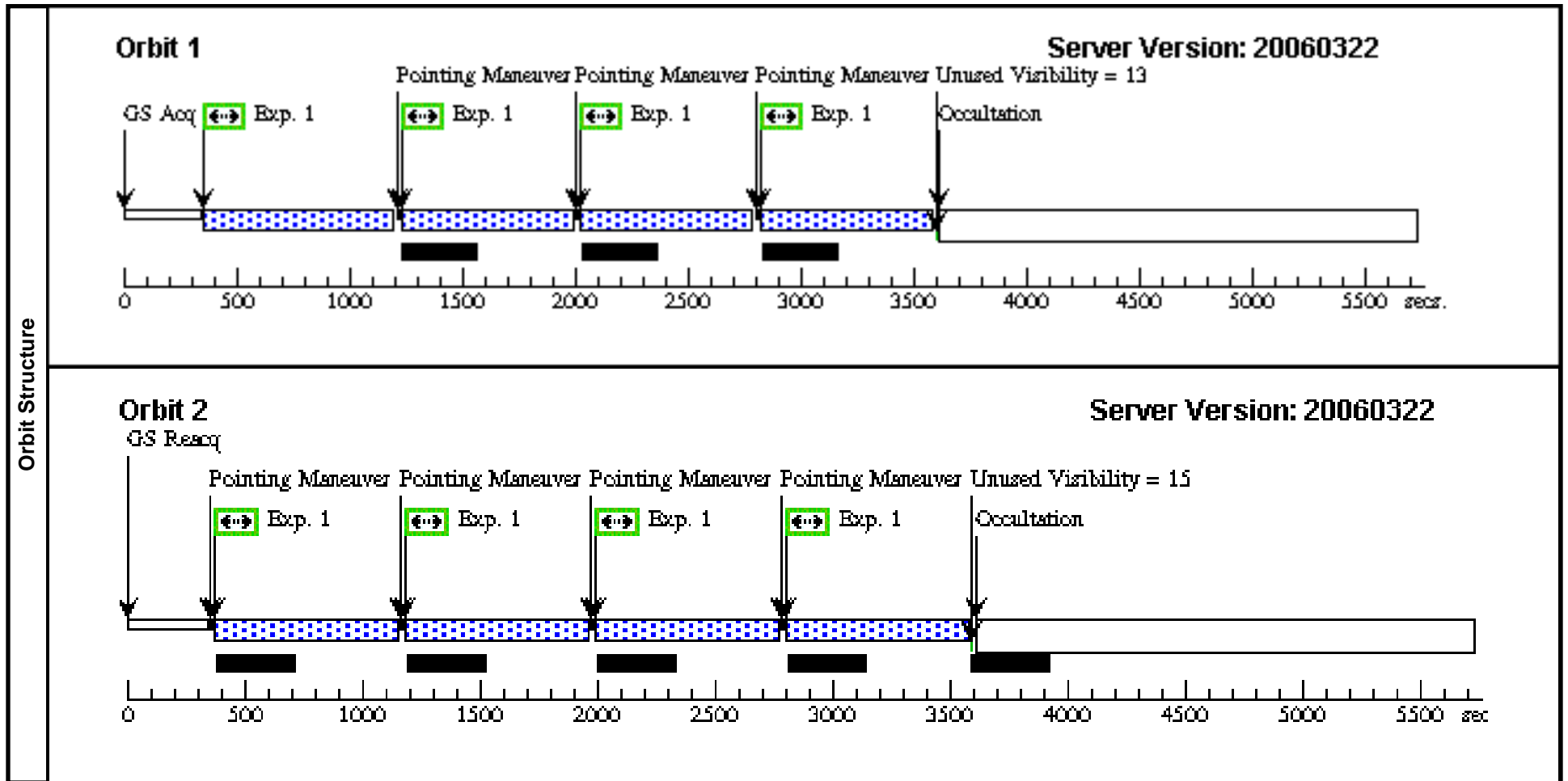
Visit	<b>Proposal 10521, Visit 21</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern	Secondary Pattern		Exposures				
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(21)	IRAC-1-5	Offset from IRAC-NEP-CENTER by RA Offset: -61.4 Secs Dec Offset: 260.0 Arcsec		V=25.0	Offset Position (IRAC-1-5) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(21) IRAC-1-5	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 22 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:41 GMT 2006

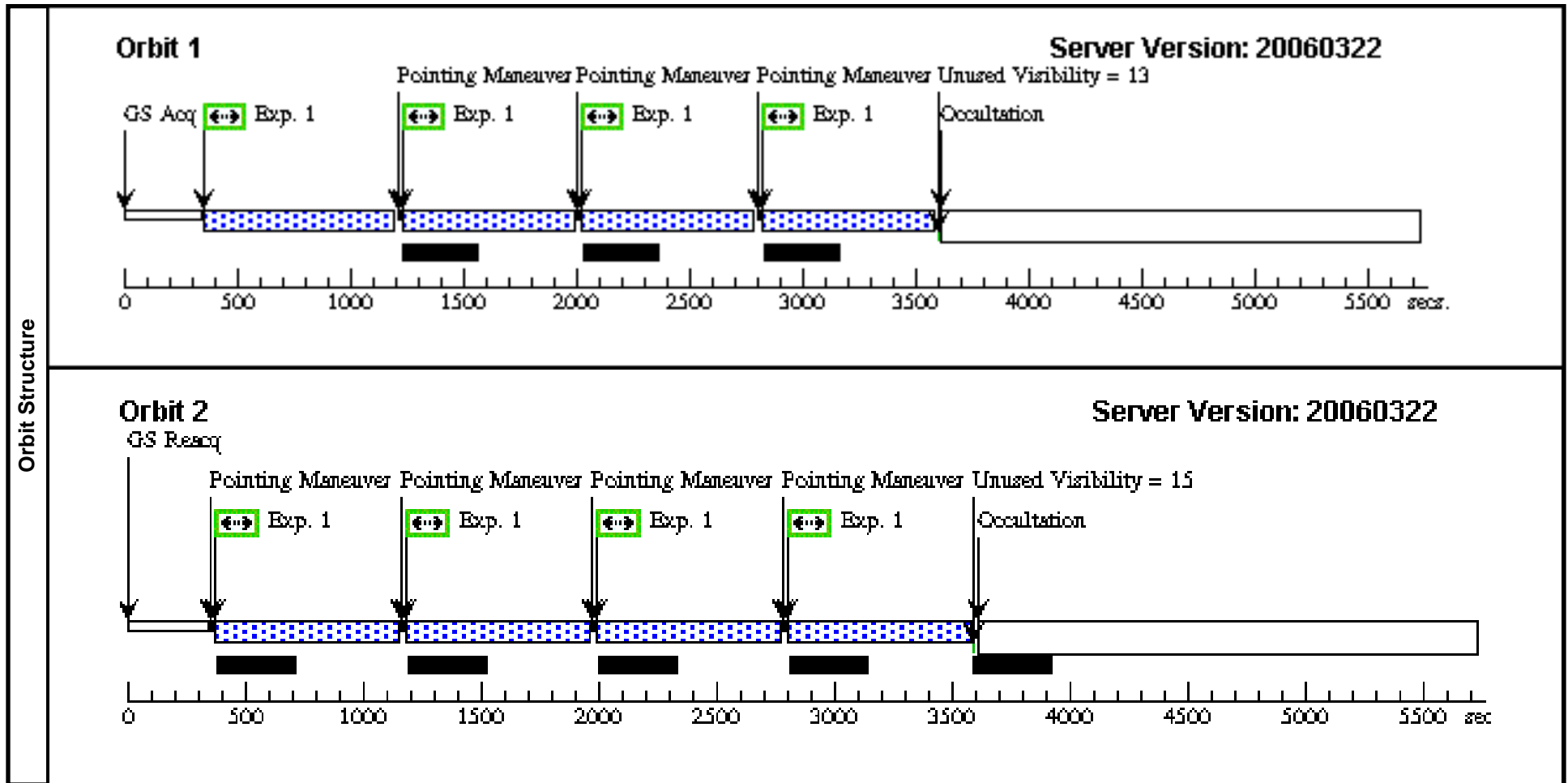
Visit	<b>Proposal 10521, Visit 22</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern	Secondary Pattern		Exposures				
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(22)	IRAC-2-5	Offset from IRAC-NEP-CENTER by RA Offset: -61.4 Secs Dec Offset: 80.0 Arcsec		V=25.0	Offset Position (IRAC-2-5) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(22) IRAC-2-5	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 23 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:42 GMT 2006

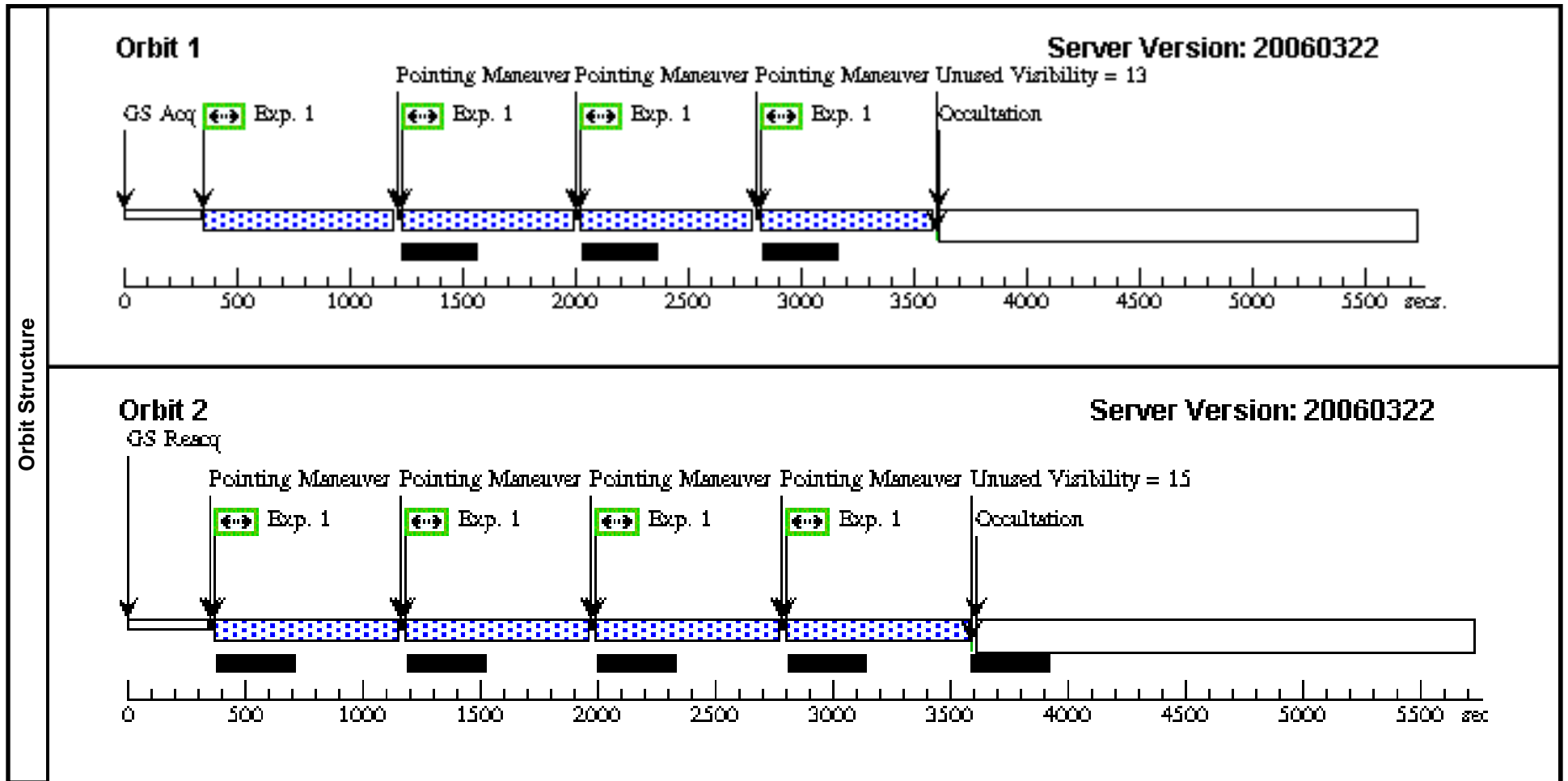
Visit	<b>Proposal 10521, Visit 23</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern	Secondary Pattern		Exposures				
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(23)	IRAC-3-5	Offset from IRAC-NEP-CENTER by RA Offset: -61.4 Secs Dec Offset: -100.0 Arcsec		V=25.0	Offset Position (IRAC-3-5) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(23) IRAC-3-5	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 24 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:42 GMT 2006

Visit	<b>Proposal 10521, Visit 24</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern	Secondary Pattern		Exposures				
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(24)	IRAC-1-L	Offset from IRAC-NEP-CENTER by RA Offset: 92.1 Secs Dec Offset: -80.0 Arcsec		V=25.0	Offset Position (IRAC-1-L) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(24) IRAC-1-L	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [=>(Pattern 1,1)] [=>(Pattern 1,2)] [=>(Pattern 1,3)] [=>(Pattern 1,4)]	[1]
								[=>654.0 Secs (Pattern 2,1)] [=>654.0 Secs (Pattern 2,2)] [=>654.0 Secs (Pattern 2,3)] [=>654.0 Secs (Pattern 2,4)]	[2]	



Proposal 10521 - Visit 25 - ACS Imaging of a Unique Spitzer Field: Morphology of mid-IR Variable Sources

Fri Jun 23 01:03:42 GMT 2006

Visit	<b>Proposal 10521, Visit 25</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: ORIENT 350.0D TO 10.0 D; ORIENT 80.0D TO 100.0 D; ORIENT 170.0D TO 190.0 D; ORIENT 260.0D TO 280.0 D									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.7 Angle Between Sides=69.1 Center Pattern=false	(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	IRAC-NEP-CENTER	RA: 17 39 54.0000 (264.9750000d) Dec: +69 00 0.00 (69.00000d) Equinox: J2000		V=25.0	Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
	(25)	IRAC-1-R	Offset from IRAC-NEP-CENTER by RA Offset: 92.1 Secs Dec Offset: 100.0 Arcsec		V=25.0	Offset Position (IRAC-1-R) Coordinate Source: HIPPARCOS/TYCHO_CATALOGUE				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(25) IRAC-1-R	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	640.0 Secs [==>(Pattern 1,1)] [==>(Pattern 1,2)] [==>(Pattern 1,3)] [==>(Pattern 1,4)]	[1]
								[==>654.0 Secs (Pattern 2,1)] [==>654.0 Secs (Pattern 2,2)] [==>654.0 Secs (Pattern 2,3)] [==>654.0 Secs (Pattern 2,4)]	[2]	

