



10623 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Cycle: 14, Proposal Category: SNAP

(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) SDSS-J005009.81-003900.6	ACS/HRC	1	20-Jun-2005 11:01:42.0	yes
02	(2) IRAS-Z01368-0100	ACS/HRC	1	20-Jun-2005 11:01:45.0	yes
03	(3) Z02317-0152	ACS/HRC	1	20-Jun-2005 11:01:48.0	yes
04	(4) Z02354-0046	ACS/HRC	1	20-Jun-2005 11:01:50.0	yes
05	(5) Z02376-0054	ACS/HRC	1	20-Jun-2005 11:01:52.0	yes
06	(6) IRAS-Z02433-0110	ACS/HRC	1	20-Jun-2005 11:01:55.0	yes
07	(7) IRAS-F07449-3350	ACS/HRC	1	20-Jun-2005 11:01:57.0	yes

Proposal 10623 - 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>
08	(8) IRAS-F07575-3133	ACS/HRC	1	20-Jun-2005 11:01:58.0	yes
09	(9) IRAS-F08136-3110	ACS/HRC	1	20-Jun-2005 11:02:00.0	yes
10	(10) IRAS-F08143-3134	ACS/HRC	1	20-Jun-2005 11:02:02.0	yes
11	(11) IRAS-F08208-3211	ACS/HRC	1	20-Jun-2005 11:02:04.0	yes
12	(12) IRAS-F08526+3720	ACS/HRC	1	20-Jun-2005 11:02:06.0	yes
13	(13) IRAS-F09346-3911	ACS/HRC	1	20-Jun-2005 11:02:08.0	yes
14	(14) IRAS-F09567+4119	ACS/HRC	1	20-Jun-2005 11:02:10.0	yes
15	(15) IRAS-F10156-3705	ACS/HRC	1	20-Jun-2005 11:02:11.0	yes
16	(16) IRAS-F10398-3247	ACS/HRC	1	20-Jun-2005 11:02:13.0	yes
17	(17) IRAS-F10485+3726	ACS/HRC	1	20-Jun-2005 11:02:15.0	yes
18	(18) IRAS-F10509+3206	ACS/HRC	1	20-Jun-2005 11:02:17.0	yes
19	(19) IRAS-F11038-3217	ACS/HRC	1	20-Jun-2005 11:02:19.0	yes
20	(20) IRAS-F14277+4010	ACS/HRC	1	20-Jun-2005 11:02:20.0	yes
21	(21) IRAS-F14548-3349	ACS/HRC	1	20-Jun-2005 11:02:22.0	yes
22	(22) IRAS-F16124-3241	ACS/HRC	1	20-Jun-2005 11:02:24.0	yes
23	(23) IRAS-F16576+3553	ACS/HRC	1	20-Jun-2005 11:02:26.0	yes
24	(24) IRAS-F17233-3712	ACS/HRC	1	20-Jun-2005 11:02:28.0	yes
25	(25) IRAS-F17252+3659	ACS/HRC	1	20-Jun-2005 11:02:30.0	yes
26	(26) IRAS-Z21293-0154	ACS/HRC	1	20-Jun-2005 11:02:32.0	yes
27	(27) IRAS-F21581-0053	ACS/HRC	1	20-Jun-2005 11:02:33.0	yes
28	(28) IR00002+2856	ACS/HRC	1	20-Jun-2005 11:02:35.0	yes
29	(29) IRAS-F09313-7639	ACS/WFC	1	20-Jun-2005 11:02:37.0	yes

Proposal 10623 - 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>
30	(30) IRAS12061+6811	ACS/WFC	1	20-Jun-2005 11:02:39.0	yes
31	(31) IR14503+6006	ACS/HRC	1	20-Jun-2005 11:02:40.0	yes
32	(32) IRAS-F14509-4800	ACS/WFC	1	20-Jun-2005 11:02:42.0	yes
33	(33) IRAS-F14587-6204	ACS/WFC	1	20-Jun-2005 11:02:44.0	yes
34	(34) IR15018+5544	ACS/HRC	1	20-Jun-2005 11:02:46.0	yes
35	(35) 15328+6133	ACS/HRC	1	20-Jun-2005 11:02:48.0	yes
36	(36) 15390+6038	ACS/HRC	1	20-Jun-2005 11:02:50.0	yes
37	(37) IR16196+3403	ACS/HRC	1	20-Jun-2005 11:02:51.0	yes
38	(38) IR16294+5715	ACS/HRC	1	20-Jun-2005 11:02:53.0	yes
39	(39) 23142-0611	ACS/HRC	1	20-Jun-2005 11:02:55.0	yes

39 Total Orbits Used

ABSTRACT

Ultraluminous infrared galaxies (ULIGs) are commonly believed to be a transitory phase in the evolution of disk galaxy mergers into QSOs. However, a recently reported discrepancy between the morphological and structural properties of $z < 0.13$ ULIGs and $z = 0.12-0.25$ QSOs with $M(V) < -23.5$ has cast doubt on their evolutionary connection. We propose an ACS snapshot survey of a sample of 39 ULIGs with $z = 0.35-1.0$. These galaxies are the best suited for comparison with luminous $z=0.12-0.25$ QSOs because (1) they are at larger lookback times than local ULIGs, and thus are likely representative of the systems that evolve into lower redshift luminous QSOs, (2) they have luminosities comparable to luminous QSOs and, (3) they are selected in a manner that biases the sample towards harboring imbedded AGN, and thus are the most likely precursors to optical QSOs. High resolution HST ACS images will allow a determination of galaxy morphology and reveal the presence of bright AGN. The 2-D profile of each galaxy will be modeled using GALFIT, with the AGN comprising one component of the fit where applicable to better characterize the underlying galaxy. Fundamental parameters (effective radius and surface brightness, and F814W-band magnitude) of the underlying galaxy will thus be measured and compared with the host galaxies of the luminous QSO sample. This imaging campaign will consume a modest amount of HST time,

but will provide for the first time a statistically significant view of ULIGs at look-back times of 30-65% the age of the universe, and sufficient resolution and sensitivity to conduct a meaningful comparison with $z=0.12-0.25$ QSOs, as well as with local ($z < 0.3$) IRAS-detected and distant ($z > 2$) SCUBA-detected ULIGs.

OBSERVING DESCRIPTION

ACS imaging snapshot observations of a sample of intermediate redshift IRAS galaxies will be obtained with the F814W filter. For galaxies with accurate positions (35 sources), three 300-second integrations are executed with the ACS/HRC using the LINE dither routine. In cases where there is uncertainty in the position of the galaxy (4 sources), two 400-second integrations are executed with the ACS/WFC using the LINE dither routine.

Proposal 10623 - Visit 01 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:02:58 GMT 2005

Visit	Proposal 10623, Visit 01 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(1)	SDSS-J005009.81-003900.6 Alt Name1: IRAS-F00476-0054	RA: 00 50 9.8000 (12.5408333d) Dec: -00 39 1.00 (-.65028d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: NED		
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F0047 6-0054	(1) SDSS-J005009.8 1-003900.6	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20050502</p>									
	<p>The diagram illustrates the orbit structure over a 5500-second period. It shows three exposure periods (Exp. 1) separated by pointing maneuvers. A significant portion of the orbit (from 1500s to 3200s) is marked as 'Unused Visibility = 1706s'. The orbit ends with an 'Occultation' period starting at approximately 3200 seconds.</p>									

Proposal 10623 - Visit 02 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:02:59 GMT 2005

Visit	Proposal 10623, Visit 02 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(2)	IRAS-Z01368-0100	RA: 01 39 27.1800 (24.8632500d) Dec: +01 15 47.20 (1.26311d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-Z01368-0100	(2) IRAS-Z01368-0100	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									
	<p>The diagram illustrates the orbit structure over a 5500-second period. It shows a sequence of events: GS Acq (0s), Exp. 1 (~400s), Pointing Maneuver (~800s), Exp. 1 (~900s), Pointing Maneuver (~1100s), Exp. 1 (~1200s), and a period of Unused Visibility (1706s) from ~1500s to ~3200s. An Occultation event begins at ~3200s. A green bar highlights the interval from ~1500s to ~3200s.</p>									

Proposal 10623 - Visit 03 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:02:59 GMT 2005

Visit	Proposal 10623, Visit 03 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	Z02317-0152	RA: 02 34 21.9000 (38.5912500d) Dec: -01 39 1.00 (-1.65028d) Equinox: J2000 Plate Id: (?)				V=20.0		Coordinate Source: Stanford et al 2000		
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-Z023 17-0152	(3) Z02317-0152	ACS/HRC, ACCUM, HRC		F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502										
	<p>The diagram illustrates the orbit structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with arrows: GS Acq at 0s, Exp. 1 at approximately 400s, Pointing Maneuver at approximately 800s, Exp. 1 at approximately 900s, Pointing Maneuver at approximately 1100s, Exp. 1 at approximately 1200s, and Occultation starting at approximately 3200s. A green bar highlights the period from approximately 1500s to 3200s, labeled as 'Unused Visibility = 1700'. A small black square is located at approximately 1500s on the timeline.</p>										

Proposal 10623 - Visit 04 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:00 GMT 2005

Visit	Proposal 10623, Visit 04 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(4)	Z02354-0046	RA: 02 38 1.5000 (39.5062500d) Dec: -00 33 42.30 (-.56175d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: Stanford et al. 2000		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-Z023 45-0046	(4) Z02354-0046	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									
	<p>The diagram illustrates the orbit structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with arrows: GS Acq at 0s, Exp. 1 at approximately 400s, Pointing Maneuver at approximately 800s, Exp. 1 at approximately 900s, Pointing Maneuver at approximately 1100s, Exp. 1 at approximately 1200s, and Occultation starting at approximately 3200s. A green bar highlights the period from approximately 1500s to 3200s, labeled as 'Unused Visibility = 1700'. A small black square is located at approximately 1500s on the timeline.</p>									

Proposal 10623 - Visit 05 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:01 GMT 2005

Visit	Proposal 10623, Visit 05 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%										
	Patterns	#	Primary Pattern				Secondary Pattern				Exposures
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	Z02376-0054	RA: 02 40 8.6000 (40.0358333d) Dec: -00 42 3.00 (-.70083d) Equinox: J2000 Plate Id: (?)				V=20.0		Coordinate Source: Stanford et al 2000		
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1 4	Z02376-005	(5) Z02376-0054	ACS/HRC, ACCUM, HRC		F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20050502</p> <p>The diagram illustrates the orbit structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with arrows: GS Acq at 0s, Exp. 1 at approximately 400s, Pointing Maneuver at approximately 800s, Exp. 1 at approximately 900s, Pointing Maneuver at approximately 1100s, Exp. 1 at approximately 1200s, and Occultation starting at approximately 3200s. A green bar highlights the period from 1500s to 3200s, labeled as 'Unused Visibility = 1700'. A blue and white checkered bar highlights the period from approximately 400s to 1200s, containing three 'Exp. 1' events. A small black square is located at approximately 1500s.</p>										

Visit	Proposal 10623, Visit 06 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(6)	IRAS-Z02433-0110	RA: 02 45 55.3500 (41.4806250d) Dec: +01 23 28.40 (1.39122d) Equinox: J2000 Plate Id: (?)				V=20.0		Coordinate Source: SIMBAD	
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-Z02433-0110	(6) IRAS-Z02433-0110	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									

Proposal 10623 - Visit 07 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:03 GMT 2005

Visit	Proposal 10623, Visit 07 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(7)	IRAS-F07449-3350	RA: 07 48 10.5900 (117.0441250d) Dec: +33 43 27.10 (33.72419d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F0744 9-3350	(7) IRAS-F07449-33 50	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									

Proposal 10623 - Visit 08 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:03 GMT 2005

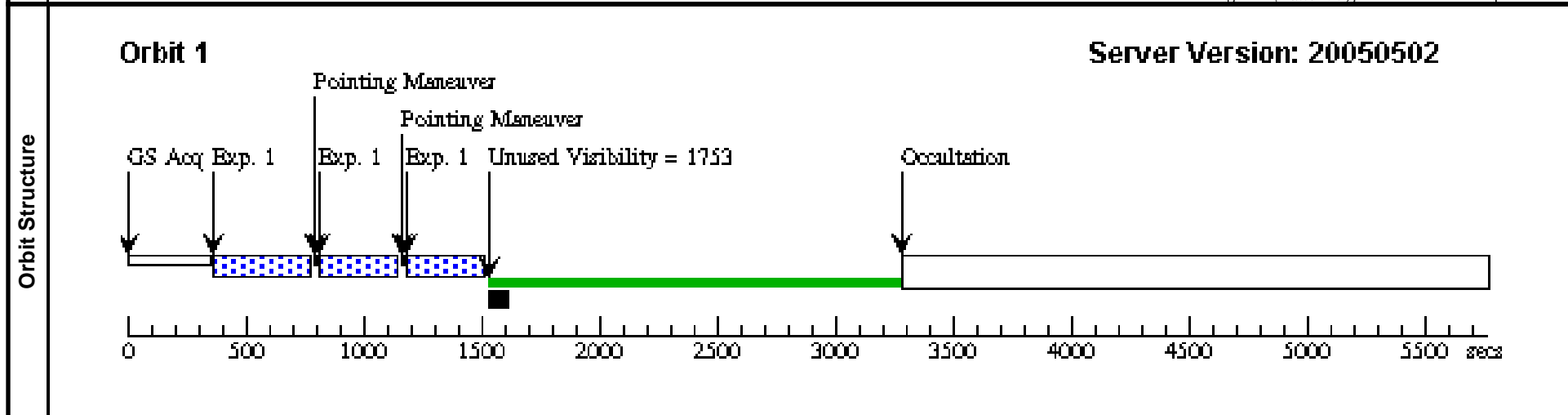
Visit	Proposal 10623, Visit 08 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false		(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	IRAS-F07575-3133	RA: 08 00 40.3700 (120.1682083d) Dec: +31 25 39.50 (31.42764d) Equinox: J2000 Plate Id: (?)		V=20.0	Coordinate Source: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F07575-3133	(8) IRAS-F07575-3133	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]



Proposal 10623 - Visit 09 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:04 GMT 2005

Visit	Proposal 10623, Visit 09 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false				(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(9)	IRAS-F08136-3110	RA: 08 16 45.7300 (124.1905417d) Dec: +31 01 19.90 (31.02219d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F08136-3110	(9) IRAS-F08136-3110	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									

Proposal 10623 - Visit 10 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:05 GMT 2005

Visit	Proposal 10623, Visit 10 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(10)	IRAS-F08143-3134	RA: 08 17 26.6500 (124.3610417d) Dec: +31 25 10.60 (31.41961d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F0814 3-3134	(10) IRAS-F08143-3 134	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									

Proposal 10623 - Visit 11 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:06 GMT 2005

Visit	Proposal 10623, Visit 11 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(11)	IRAS-F08208-3211	RA: 08 23 54.6200 (125.9775833d) Dec: +32 02 12.00 (32.03667d) Equinox: J2000 Plate Id: (?)				V=20.0		Coordinate Source: SIMBAD	
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F08208-3211	(11) IRAS-F08208-3211	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20050502</p>									
	<p>The diagram shows a timeline from 0 to 5500 seconds. Key events include GS Acq at 0s, Exp. 1 at ~400s, Pointing Maneuver at ~800s, another Exp. 1 at ~1000s, a second Pointing Maneuver at ~1150s, a third Exp. 1 at ~1250s, Unused Visibility = 1753 from 1500s to 3250s, and Occultation starting at ~3300s. The timeline is divided into blue checkered segments for exposures and a green segment for unused visibility.</p>									

Proposal 10623 - Visit 12 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:06 GMT 2005

Visit	Proposal 10623, Visit 12 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false				(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(12)	IRAS-F08526+3720	RA: 08 55 54.4500 (133.9768750d) Dec: +37 08 59.80 (37.14994d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F08526+3720	(12) IRAS-F08526+3720	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20050502</p>									
	<p>The diagram shows a horizontal timeline from 0 to 5500 seconds. Key events are marked with vertical arrows: GS Acq at 0s, Exp. 1 at approximately 400s, Pointing Maneuver at approximately 800s, Exp. 1 at approximately 900s, Pointing Maneuver at approximately 1100s, Exp. 1 at approximately 1200s, and Occultation at approximately 3300s. A segment from 1500s to 3280s is labeled 'Unused Visibility = 1780' and is highlighted in green. The timeline is divided into segments with different patterns: blue checkered for exposures, green for unused visibility, and white for occultation.</p>									

Proposal 10623 - Visit 13 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:07 GMT 2005

Visit	Proposal 10623, Visit 13 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(13)	IRAS-F09346-3911	RA: 09 37 41.6600 (144.4235833d) Dec: +38 57 52.60 (38.96461d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F0934 6-3911	(13) IRAS-F09346-3 911	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									

Proposal 10623 - Visit 14 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:08 GMT 2005

Visit	Proposal 10623, Visit 14 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false				(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(14)	IRAS-F09567+4119	RA: 09 59 50.1600 (149.9590000d) Dec: +41 05 4.60 (41.08461d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F09567+4119	(14) IRAS-F09567+4119	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	<p style="text-align: center;">Orbit 1 Server Version: 20050502</p> <p>The diagram illustrates the orbit structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with vertical arrows: GS Acq at 0s, Exp. 1 at approximately 400s, a Pointing Maneuver at approximately 800s, another Exp. 1 at approximately 1000s, a second Pointing Maneuver at approximately 1150s, and a third Exp. 1 at approximately 1250s. A blue checkered bar highlights the first three exposures. A green bar indicates the 'Unused Visibility' period from approximately 1500s to 3300s. An 'Occultation' event begins at approximately 3300s. A small black square is located at approximately 1500s on the timeline.</p>									

Proposal 10623 - Visit 15 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:08 GMT 2005

Visit	Proposal 10623, Visit 15 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(15)	IRAS-F10156-3705	RA: 10 18 34.5400 (154.6439167d) Dec: +36 49 51.70 (36.83103d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F10156-3705	(15) IRAS-F10156-3705	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									

Proposal 10623 - Visit 16 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:09 GMT 2005

Visit	Proposal 10623, Visit 16 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(16)	IRAS-F10398-3247	RA: 10 42 40.8200 (160.6700833d) Dec: +32 31 31.00 (32.52528d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F1039 8-3247	(16) IRAS-F10398-3 247	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									
	<p>The diagram illustrates the orbit structure over a 5500-second period. It shows a sequence of events: GS Acq (0s), Exp. 1 (~400s), Pointing Maneuver (~800s), Exp. 1 (~900s), Pointing Maneuver (~1100s), Exp. 1 (~1200s), and a period of Unused Visibility (1753s) from ~1500s to ~3200s. An Occultation event occurs at ~3300s. A green bar highlights the period from ~1500s to ~3200s. A small black square is located at the bottom of the timeline around 1500s.</p>									

Proposal 10623 - Visit 17 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:10 GMT 2005

Visit	Proposal 10623, Visit 17 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(17)	IRAS-F10485+3726	RA: 10 51 18.5000 (162.8270833d) Dec: +37 10 43.40 (37.17872d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F1048 5+3726	(17) IRAS-F10485+ 3726	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	<div style="display: flex; justify-content: space-between;"> Orbit 1 Server Version: 20050502 </div>									

Proposal 10623 - Visit 18 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:11 GMT 2005

Visit	Proposal 10623, Visit 18 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false				(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(18)	IRAS-F10509+3206	RA: 10 53 46.3500 (163.4431250d) Dec: +31 49 52.20 (31.83117d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F10509+3206	(18) IRAS-F10509+3206	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									
	<p>The diagram illustrates the orbit structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with vertical arrows: GS Acq at 0s, Exp. 1 at approximately 400s, Pointing Maneuver at approximately 800s, Exp. 1 at approximately 900s, Pointing Maneuver at approximately 1100s, Exp. 1 at approximately 1200s, and Occultation starting at approximately 3300s. A green bar highlights the period from 1500s to 3250s, labeled as 'Unused Visibility = 1753'. A blue checkered bar highlights the exposure periods. A small black square is located at approximately 1500s.</p>									

Proposal 10623 - Visit 19 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:11 GMT 2005

Visit	Proposal 10623, Visit 19 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(19)	IRAS-F11038-3217	RA: 11 06 35.7200 (166.6488333d) Dec: +32 01 46.40 (32.02956d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F11038-3217	(19) IRAS-F11038-3217	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20050502</p>									
	<p>The diagram shows a timeline from 0 to 5500 seconds. Key events include GS Acq at 0s, Exp. 1 at ~400s, Pointing Maneuver at ~800s, another Exp. 1 at ~1000s, a second Pointing Maneuver at ~1100s, a third Exp. 1 at ~1200s, Unused Visibility = 1753 from ~1500s to ~3200s, and Occultation starting at ~3300s. A green bar highlights the period from ~1500s to ~3200s.</p>									

Proposal 10623 - Visit 20 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:12 GMT 2005

Visit	Proposal 10623, Visit 20 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(20)	IRAS-F14277+4010	RA: 14 29 42.3300 (217.4263750d) Dec: +39 57 42.90 (39.96192d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F1427 7+4010	(20) IRAS-F14277+ 4010	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20050502</p>									
	<p>The diagram illustrates the sequence of events for Orbit 1. It begins with GS Acq at 0 seconds. The first exposure (Exp. 1) occurs at approximately 400 seconds. A pointing maneuver follows at 800 seconds. The second exposure (Exp. 1) is at 1000 seconds. Another pointing maneuver occurs at 1150 seconds. The third exposure (Exp. 1) is at 1250 seconds. A period of unused visibility of 1780 seconds follows, ending at approximately 3280 seconds. The occultation begins at 3300 seconds and continues until the end of the orbit at 5500 seconds. The timeline is marked with a scale in seconds from 0 to 5500.</p>									

Proposal 10623 - Visit 21 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:13 GMT 2005

Visit	Proposal 10623, Visit 21 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(21)	IRAS-F14548-3349	RA: 14 56 58.4300 (224.2434583d) Dec: +33 37 10.00 (33.61944d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F1454 8-3349	(21) IRAS-F14548-3 349	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									
	<p>The diagram illustrates the orbit structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with arrows: GS Acq at 0s, Exp. 1 at approximately 400s, Pointing Maneuver at approximately 800s, Exp. 1 at approximately 900s, Pointing Maneuver at approximately 1100s, Exp. 1 at approximately 1200s, and Occultation starting at approximately 3300s. A segment from 1500s to 3200s is labeled 'Unused Visibility = 1753'. The timeline is divided into segments with different colors: blue checkered for exposures, green for unused visibility, and white for occultation.</p>									

Proposal 10623 - Visit 22 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:13 GMT 2005

Visit	Proposal 10623, Visit 22 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(22)	IRAS-F16124-3241	RA: 16 14 22.1100 (243.5921250d) Dec: +32 34 3.70 (32.56769d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F16124-3241	(22) IRAS-F16124-3241	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20050502</p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. Key events are marked with vertical arrows: GS Acq at 0s, Exp. 1 at approximately 400s, Pointing Maneuver at approximately 800s, Exp. 1 at approximately 900s, Pointing Maneuver at approximately 1100s, Exp. 1 at approximately 1200s, and Occultation starting at approximately 3300s. A green bar highlights the period from approximately 1500s to 3200s, labeled 'Unused Visibility = 1753'. A small black square is located at approximately 1500s on the timeline.</p>									

Proposal 10623 - Visit 23 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:14 GMT 2005

Visit	Proposal 10623, Visit 23 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(23)	IRAS-F16576+3553	RA: 16 59 24.6700 (254.8527917d) Dec: +35 49 1.70 (35.81714d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F1657 6+3553	(23) IRAS-F16576+ 3553	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20050502</p>									
	<p>Timeline labels: GS Acq, Exp. 1, Pointing Maneuver, Exp. 1, Pointing Maneuver, Exp. 1, Unused Visibility = 1780, Occultation.</p> <p>X-axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 secs</p>									

Proposal 10623 - Visit 24 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:15 GMT 2005

Visit	Proposal 10623, Visit 24 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(24)	IRAS-F17233-3712	RA: 17 25 7.4000 (261.2808333d) Dec: +37 09 32.10 (37.15892d) Equinox: J2000 Plate Id: (?)				V=20.0		Coordinate Source: SIMBAD	
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F1723 3-3712	(24) IRAS-F17233-3 712	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20050502</p>									
	<p>The diagram shows a horizontal timeline from 0 to 5500 seconds. Key events are marked with vertical arrows: GS Acq at 0s, Exp. 1 at approximately 400s, Pointing Maneuver at approximately 800s, another Exp. 1 at approximately 1000s, a second Pointing Maneuver at approximately 1200s, a third Exp. 1 at approximately 1300s, and Occultation starting at approximately 3300s. A green bar represents the 'Unused Visibility = 1780s' period from approximately 1500s to 3280s. The timeline is marked with a scale in seconds.</p>									

Proposal 10623 - Visit 25 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:16 GMT 2005

Visit	Proposal 10623, Visit 25 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(25)	IRAS-F17252+3659	RA: 17 26 57.7600 (261.7406667d) Dec: +36 56 39.40 (36.94428d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: SIMBAD		
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F1725 2+3659	(25) IRAS-F17252+ 3659	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									

Visit	Proposal 10623, Visit 26 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(26)	IRAS-Z21293-0154	RA: 21 31 53.5000 (322.9729167d) Dec: -01 41 43.00 (-1.69528d) Equinox: J2000 Plate Id: (?)				V=20.0		Coordinate Source: NED	
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-Z212 93-0154	(26) IRAS-Z21293-0 154	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									
	<p>The diagram illustrates the orbit structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with arrows: GS Acq at 0s, Exp. 1 at approximately 400s, Pointing Maneuver at approximately 800s, Exp. 1 at approximately 900s, Pointing Maneuver at approximately 1100s, Exp. 1 at approximately 1200s, and Occultation starting at approximately 3200s. A period of Unused Visibility is indicated from approximately 1500s to 3200s, lasting 1706 seconds. The timeline is marked with a scale in seconds.</p>									

Proposal 10623 - Visit 27 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:17 GMT 2005

Visit	Proposal 10623, Visit 27 Priority: M Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(27)	IRAS-F21581-0053	RA: 22 00 47.2500 (330.1968750d) Dec: -00 38 48.10 (-.64669d) Equinox: J2000 Plate Id: (?)				V=20.0		Coordinate Source: SIMBAD	
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F2158 1-0053	(27) IRAS-F21581-0 053	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									

Proposal 10623 - Visit 28 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:18 GMT 2005

Visit	Proposal 10623, Visit 28 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(28)	IR00002+2856	RA: 00 02 51.2000 (.7133333d) Dec: +29 13 0.70 (29.21686d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: GUIDE_STAR_CATALOG		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IR00002+2856	(28) IR00002+2856	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20050502</p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. Key events are marked with arrows: GS Acq at ~100s, Exp. 1 at ~400s, Pointing Maneuver at ~800s, Exp. 1 at ~1000s, Pointing Maneuver at ~1200s, Exp. 1 at ~1300s, Unused Visibility = 1737 (a gap from ~1500s to ~1673s), and Occultation at ~3200s. A blue checkered bar covers the period from ~400s to ~1500s, and a green bar covers the period from ~1673s to ~3200s.</p>									
	<p>Timeline labels: GS Acq, Exp. 1, Pointing Maneuver, Exp. 1, Pointing Maneuver, Exp. 1, Unused Visibility = 1737, Occultation.</p> <p>X-axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec</p>									

Visit	Proposal 10623, Visit 29 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SCHED 30%				
	Patterns	# (2) Primary Pattern 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	Secondary Pattern	Exposures (1)	
Fixed Targets	# (29) IRAS-F09313-7639 RA: 09 36 39.1000 (144.1629167d) Dec: +76 25 57.00 (76.43250d) Equinox: J2000 Plate Id: (?)	Target Coordinates	Targ. Coord. Corrections	Fluxes V=20.0	Miscellaneous Coordinate Source: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
Exposures	# 1 Label IRAS-F0931 3-7639 Target (29) IRAS-F09313-7 639 Config,Mode,Aperture ACS/WFC, ACCUM, WFC Spectral Els. F814W Opt. Params. CR-SPLIT=NO Special Reqs. Groups Pattern 1-1 (2) Exp. Time/[Actual Dur.] 400.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	Orbit [1]			
Orbit Structure	<div style="display: flex; justify-content: space-between;"> Orbit 1 Server Version: 20050502 </div> <p>GS Acq Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 2113 Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>				

Visit	Proposal 10623, Visit 30 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(2)		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				(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(30)	IRAS12061+6811	RA: 12 08 39.9000 (182.1662500d) Dec: +67 55 1.00 (67.91694d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: IRAS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F1206 1+6811	(30) IRAS12061+68 11	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1-1 (2)	400.0 Secs [=>(Pattern 1)] [=>(Pattern 2)]	[1]
Orbit Structure	<p style="text-align: right;">Server Version: 20050502</p>									
	<p>Orbit 1</p> <p>GS Acq [←→] Exp. 1 [←→] Pointing Maneuver [←→] Exp. 1 Unused Visibility = 2069 [←→] Occultation [←→]</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 secs</p>									

Visit	Proposal 10623, Visit 31 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(31)	IR14503+6006	RA: 14 51 35.2000 (222.8966667d) Dec: +59 54 27.90 (59.90775d) Equinox: J2000 Plate Id: (?)				V=20.0		Coordinate Source: GUIDE_STAR_CATALOG	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IR14503+6006	(31) IR14503+6006	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20050502</p> <p>The diagram illustrates the orbit structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with arrows: GS Acq at 0s, Exp. 1 at approximately 400s, Pointing Maneuver at approximately 800s, Exp. 1 at approximately 900s, Pointing Maneuver at approximately 1100s, Exp. 1 at approximately 1200s, and Occultation at 3500s. A green bar highlights the interval from 1500s to 3500s, labeled 'Unused Visibility = 1987'. A small black square is located at approximately 1500s on the timeline.</p>									

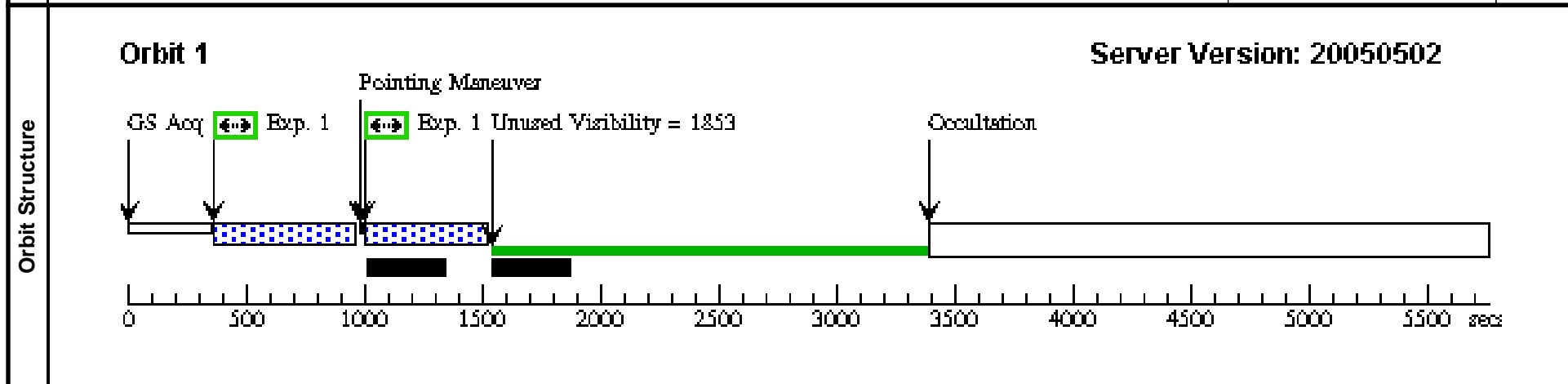
Visit	Proposal 10623, Visit 32		
	Priority: L		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SCHED 30%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(2)	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		(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(32)	IRAS-F14509-4800	RA: 14 52 42.0000 (223.1750000d) Dec: +47 47 48.00 (47.79667d) Equinox: J2000 Plate Id: (?)		V=20.0	Coordinate Source: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F14509-4800	(32) IRAS-F14509-4800	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO			Pattern 1-1 (2)	400.0 Secs [=>(Pattern 1)] [=>(Pattern 2)]



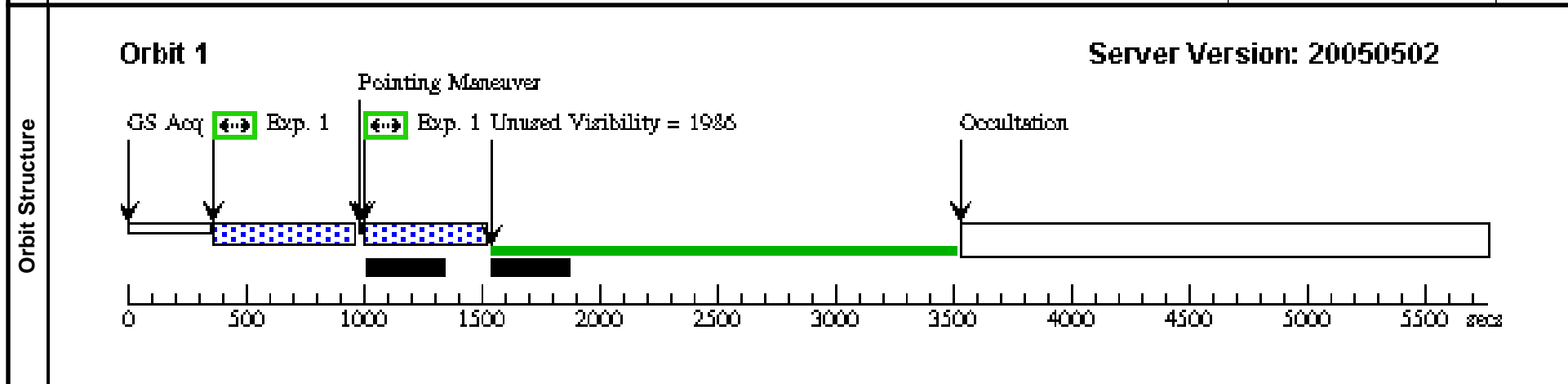
Visit	Proposal 10623, Visit 33		
	Priority: L		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC Special Requirements: PCS MODE FINE; SCHED 30%		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(2)	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		(1)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(33)	IRAS-F14587-6204	RA: 14 59 50.0000 (224.9583333d) Dec: +61 52 36.00 (61.87667d) Equinox: J2000 Plate Id: (?)		V=20.0	Coordinate Source: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IRAS-F14587-6204	(33) IRAS-F14587-6204	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO			Pattern 1-1 (2)	400.0 Secs [=>(Pattern 1)] [=>(Pattern 2)]



Visit	Proposal 10623, Visit 34 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false				(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(34)	IR15018+5544	RA: 15 03 14.8000 (225.8116667d) Dec: +55 32 53.60 (55.54822d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: GUIDE_STAR_CATALOG		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IR15018+5544	(34) IR15018+5544	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									
	<p>The diagram illustrates the orbit structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with arrows: GS Acq at 0s, Exp. 1 at approximately 400s, a Pointing Maneuver at approximately 800s, another Exp. 1 at approximately 1000s, and a third Exp. 1 at approximately 1150s. A period of Unused Visibility is indicated from approximately 1500s to 3500s, with a duration of 1987s. An Occultation event begins at approximately 3500s. A green bar highlights the period from approximately 1500s to 3500s. A small black square is located at approximately 1500s on the timeline.</p>									

Visit	Proposal 10623, Visit 35 Priority: L Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false				(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(35)	15328+6133	RA: 15 33 47.4800 (233.4478333d) Dec: +61 23 58.70 (61.39964d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: Lonsdale		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	15328+6133	(35) 15328+6133	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									

Proposal 10623 - Visit 36 - HST Optical Snapshot Survey of Intermediate Redshift Ultraluminous Infrared Galaxies

Mon Jun 20 15:03:24 GMT 2005

Visit	Proposal 10623, Visit 36 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(36)	15390+6038	RA: 15 39 57.2100 (234.9883750d) Dec: +60 29 15.40 (60.48761d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: Lonsdale		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	15390+6038	(36) 15390+6038	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									
	<p>The diagram illustrates the timeline for Orbit 1. It starts with GS Acq at 0 seconds. The first exposure (Exp. 1) occurs at approximately 400 seconds. A pointing maneuver is scheduled at 800 seconds. A second exposure (Exp. 1) occurs at 1000 seconds, followed by a third exposure (Exp. 1) at 1150 seconds. A period of unused visibility of 2001 seconds follows, ending at 3500 seconds. An occultation event occurs at 3500 seconds. A green bar highlights the interval from 1500 to 3500 seconds. The x-axis is labeled in seconds from 0 to 5500.</p>									

Visit	Proposal 10623, Visit 37 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(37)	IR16196+3403	RA: 16 21 33.1100 (245.3879583d) Dec: +33 56 34.40 (33.94289d) Equinox: J2000 Plate Id: (?)				V=20.0		Coordinate Source: Lonsdale	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IR16196+3403	(37) IR16196+3403	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									

Visit	Proposal 10623, Visit 38 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(38)	IR16294+5715	RA: 16 30 36.7300 (247.6530417d) Dec: +57 08 40.50 (57.14458d) Equinox: J2000 Plate Id: (?)				V=20.0		Coordinate Source: Lonsdale	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	IR16294+5715	(38) IR16294+5715	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									

Visit	Proposal 10623, Visit 39 Priority: H Diagnostic Status: No Diagnostics Scientific Instruments: ACS/HRC Special Requirements: PCS MODE FINE; SCHED 30%									
	Patterns	#	Primary Pattern				Secondary Pattern			
(1)		Pattern Type=ACS-HRC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.198 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=44.3 Angle Between Sides= Center Pattern=false				(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(39)	23142-0611	RA: 23 16 46.9600 (349.1956667d) Dec: -05 55 33.00 (-5.92583d) Equinox: J2000 Plate Id: (?)				V=20.0	Coordinate Source: Lonsdale		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	23142-0611	(39) 23142-0611	ACS/HRC, ACCUM, HRC	F814W	CR-SPLIT=NO		Pattern 1-1 (1)	300.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20050502									