



15241 - Clumpy Star Formation in Local LIRGS

Cycle: 25, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) ARP220	WFC3/IR	1	02-Aug-2017 15:03:05.0	yes
02	(2) MCG-03-04-014	WFC3/IR	1	02-Aug-2017 15:03:07.0	yes
03	(3) IC2810	WFC3/IR	1	02-Aug-2017 15:03:08.0	yes
04	(4) IIIZW035	WFC3/IR	1	02-Aug-2017 15:03:09.0	yes
05	(5) IRAS03359+1523	WFC3/IR	1	02-Aug-2017 15:03:11.0	yes
06	(6) MCG+08-11-002	WFC3/IR	1	02-Aug-2017 15:03:12.0	yes
07	(7) NGC0877-S	WFC3/IR	1	02-Aug-2017 15:03:13.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
08	(8) IRAS17578-0400	WFC3/IR	1	02-Aug-2017 15:03:14.0	yes
09	(9) ESO173-G015	WFC3/IR	1	02-Aug-2017 15:03:16.0	yes
10	(10) NGC6286	WFC3/IR	1	02-Aug-2017 15:03:17.0	yes
11	(11) CGCG453-062	WFC3/IR	1	02-Aug-2017 15:03:18.0	yes
12	(12) ESO453-G005	WFC3/IR	1	02-Aug-2017 15:03:19.0	yes
13	(13) IRASF12224-0624	WFC3/IR	1	02-Aug-2017 15:03:22.0	yes
14	(14) IRAS05442+1732	WFC3/IR	1	02-Aug-2017 15:03:23.0	yes
15	(15) IRASF05187-1017	WFC3/IR	1	02-Aug-2017 15:03:24.0	yes
16	(16) IC0564	WFC3/IR	1	02-Aug-2017 15:03:25.0	yes
17	(17) UGC02982	WFC3/IR	1	02-Aug-2017 15:03:27.0	yes
18	(18) UGC08739	WFC3/IR	1	02-Aug-2017 15:03:28.0	yes
19	(19) NGC0877	WFC3/IR	1	02-Aug-2017 15:03:29.0	yes
20	(20) IRAS18293-3413	WFC3/IR	1	02-Aug-2017 15:03:30.0	yes

20 Total Orbits Used

ABSTRACT

Near IR PaBeta and PaAlpha imaging of Luminous Infrared Galaxies (LIRGs) have revealed that local LIRGs host many luminous clumpy star forming regions. These star forming regions range in SFR from (.001 to 10 Msun/yr) and span the range from local galaxies to those found at high redshift ($1 < z < 3$); thus, bridging the gap between the local and the high-z universe. Star-formation in high-z galaxies is often concentrated in luminous star-forming 'clumps' that are significantly larger and more luminous than those observed in normal galaxies in the local universe. These large clumps of star-formation are thought to be the product of high gas fractions in turbulent disks. We propose to obtain narrow-band PaBeta imaging of 20 local LIRGs with high molecular gas fractions ($MGF > 20\%$) to study the key physical properties of star forming clumps in these high gas environments. We will measure the sizes, luminosities, and energy input of clumps of young massive stars that are currently being formed. The goals of this project are: (1) to investigate the role of star formation rate, MGF, and galaxy interactions on the clump luminosity function (2) to test if higher MGF LIRGs produce star forming clumps with higher SFR densities and (3) directly compare our results star forming clumps in local normal star forming galaxies, high redshift galaxies observed at the highest spatial resolution using gravitational lensing, and state of the art galaxy

Proposal 15241 (STScI Edit Number: 0, Created: Wednesday, August 2, 2017 2:03:31 PM EST) - Overview simulations.

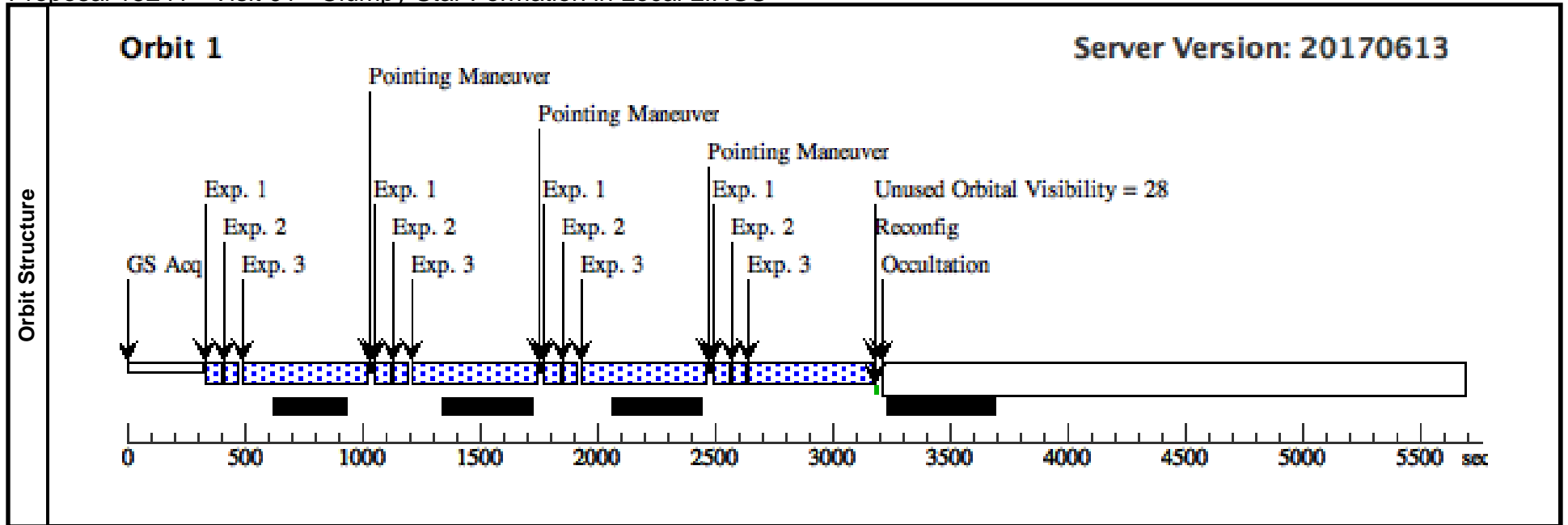
OBSERVING DESCRIPTION

description

Proposal 15241 - Visit 01 - Clumpy Star Formation in Local LIRGS

Wed Aug 02 19:03:31 GMT 2017

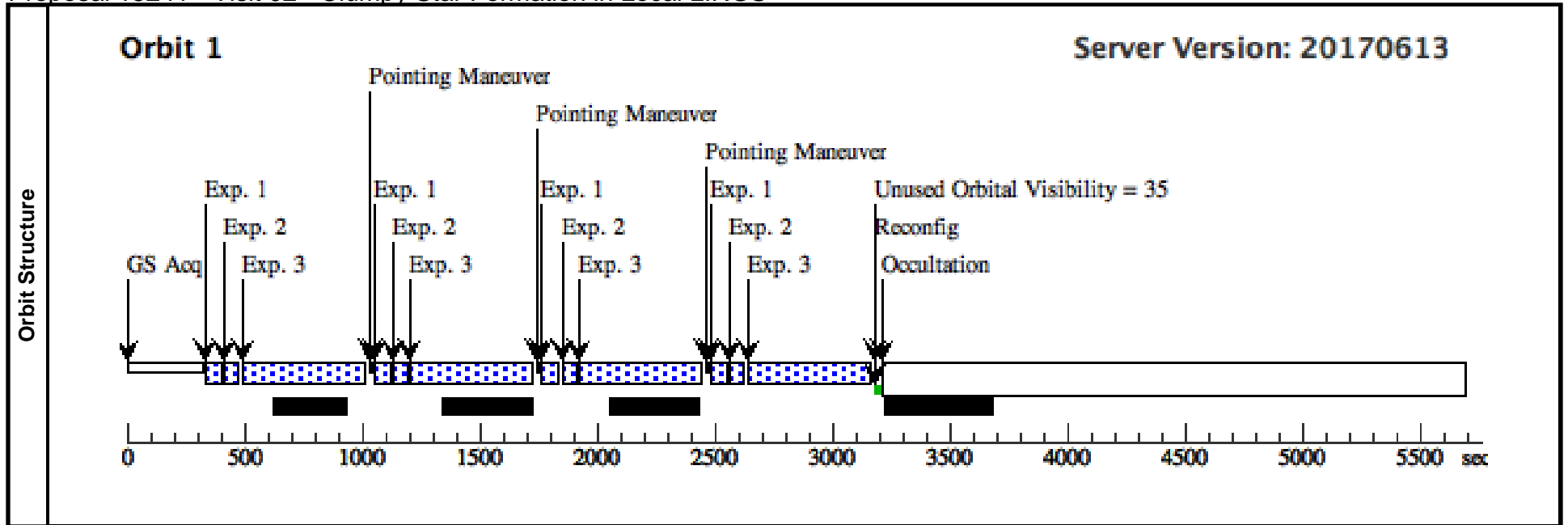
Visit	Proposal 15241, Visit 01 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	ARP220	RA: 15 34 56.2206 (233.7342525d) Dec: +23 30 4.80 (23.50133d) Equinox: J2000		V=13.2	Reference Frame: 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 (Total)/[Actual Dur.]	Orbit
	1		(1) ARP220	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 01 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(1) ARP220	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 01 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(1) ARP220	WFC3/IR, MULTIACCUM, IR	F130N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 01 (2)	502.933906 Secs (2011.736 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 15241 - Visit 02 - Clumpy Star Formation in Local LIRGS

Wed Aug 02 19:03:31 GMT 2017

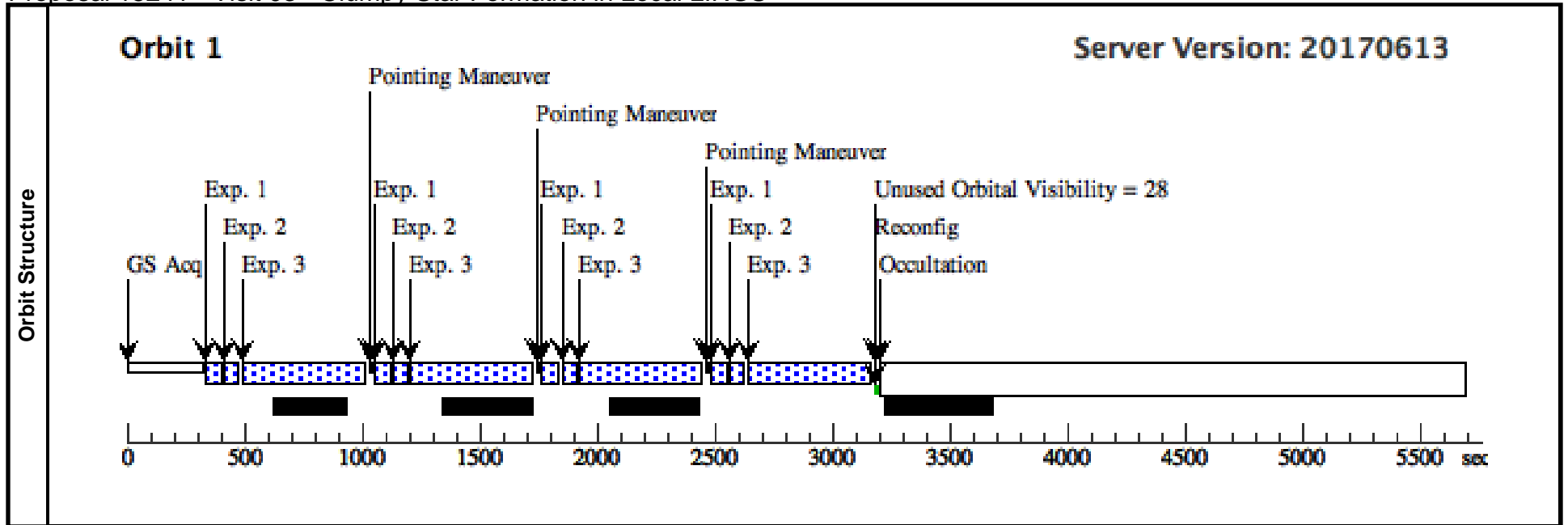
Visit	Proposal 15241, Visit 02 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	MCG-03-04-014	RA: 01 10 8.0000 (17.5333333d) Dec: -16 51 9.79 (-16.85272d) Equinox: J2000		V=14.9	Reference Frame: 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 (Total)/[Actual Dur.]	Orbit
	1	(2) MCG-03-04-014	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10			Pattern 2, Exps 1-3 in Visit 02 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2	(2) MCG-03-04-014	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10			Pattern 2, Exps 1-3 in Visit 02 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3	(2) MCG-03-04-014	WFC3/IR, MULTIACCUM, IR	F132N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 02 (2)	502.933906 Secs (2011.736 Secs)		
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 15241 - Visit 03 - Clumpy Star Formation in Local LIRGS

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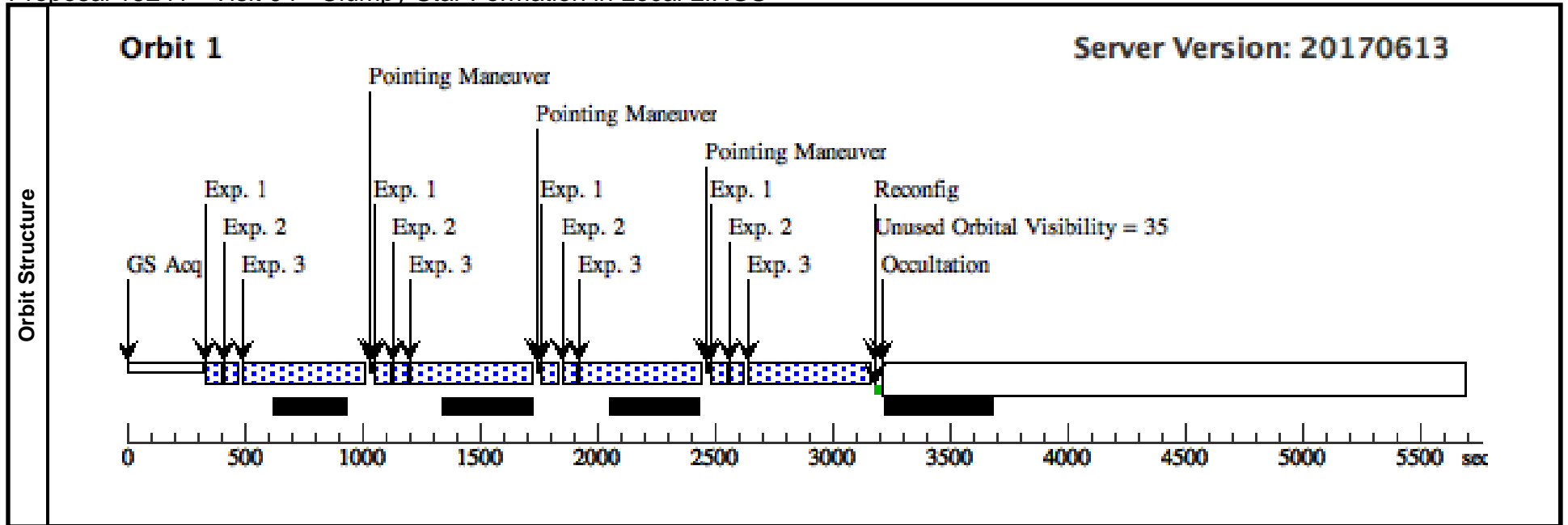
Visit	Proposal 15241, Visit 03 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	IC2810	RA: 11 25 47.0000 (171.4458333d) Dec: +14 40 20.54 (14.67237d) Equinox: J2000		V=14.2	Reference Frame: 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 (Total)/[Actual Dur.]	Orbit
	1		(3) IC2810	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 03 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(3) IC2810	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 03 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(3) IC2810	WFC3/IR, MULTIACCUM, IR	F132N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 03 (2)	502.933906 Secs (2011.736 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 15241 - Visit 04 - Clumpy Star Formation in Local LIRGS

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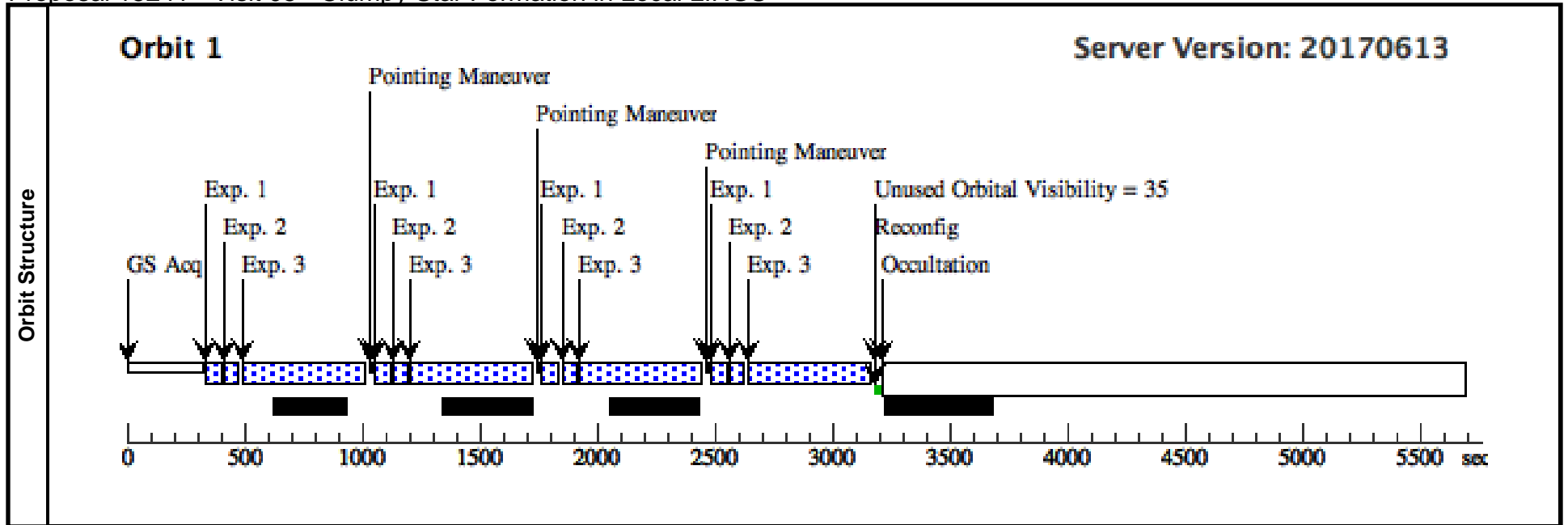
Visit	Proposal 15241, Visit 04 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	IIIZW035	RA: 01 44 30.4992 (26.1270800d) Dec: +17 06 5.00 (17.10139d) Equinox: J2000		V=14.0	Reference Frame: 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 (Total)/[Actual Dur.]	Orbit
	1		(4) IIIZW035	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 04 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(4) IIIZW035	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 04 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(4) IIIZW035	WFC3/IR, MULTIACCUM, IR	F132N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 04 (2)	502.933906 Secs (2011.736 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 15241 - Visit 05 - Clumpy Star Formation in Local LIRGS

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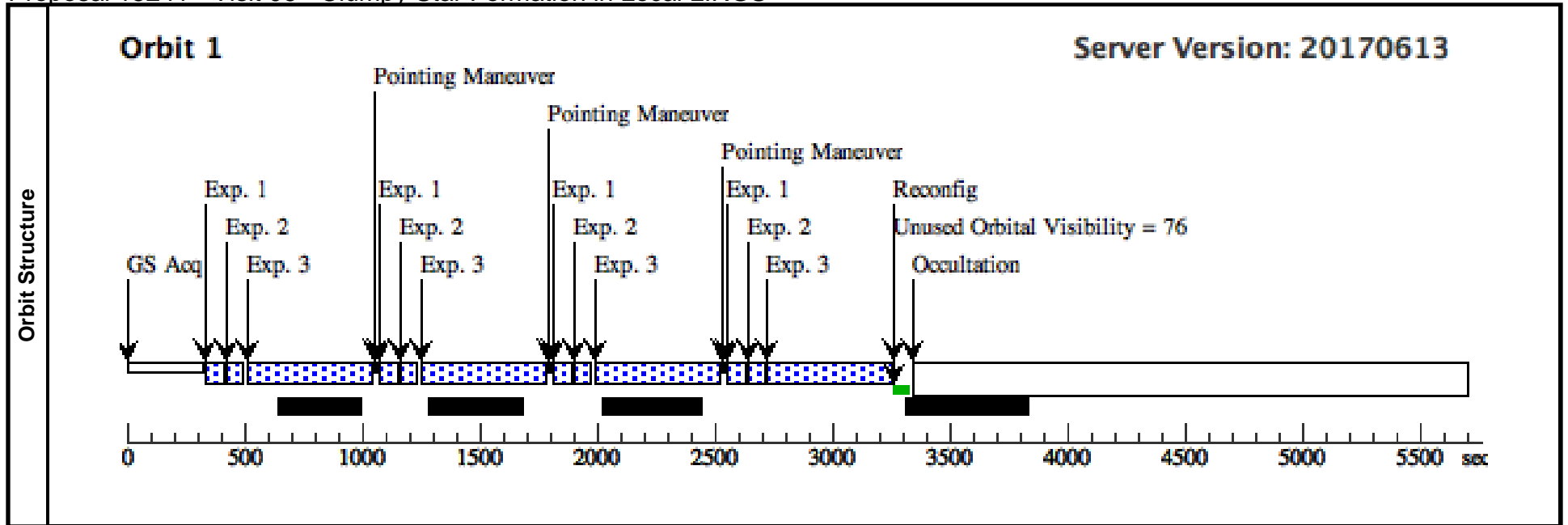
Visit	Proposal 15241, Visit 05 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	IRAS03359+1523	RA: 03 38 47.1400 (54.6964167d) Dec: +15 32 53.75 (15.54826d) Equinox: J2000		V=14.0	Reference Frame: 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 (Total)/[Actual Dur.]	Orbit
	1		(5) IRAS03359+1523	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 05 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(5) IRAS03359+1523	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 05 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(5) IRAS03359+1523	WFC3/IR, MULTIACCUM, IR	F132N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 05 (2)	502.933906 Secs (2011.736 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 15241 - Visit 06 - Clumpy Star Formation in Local LIRGS

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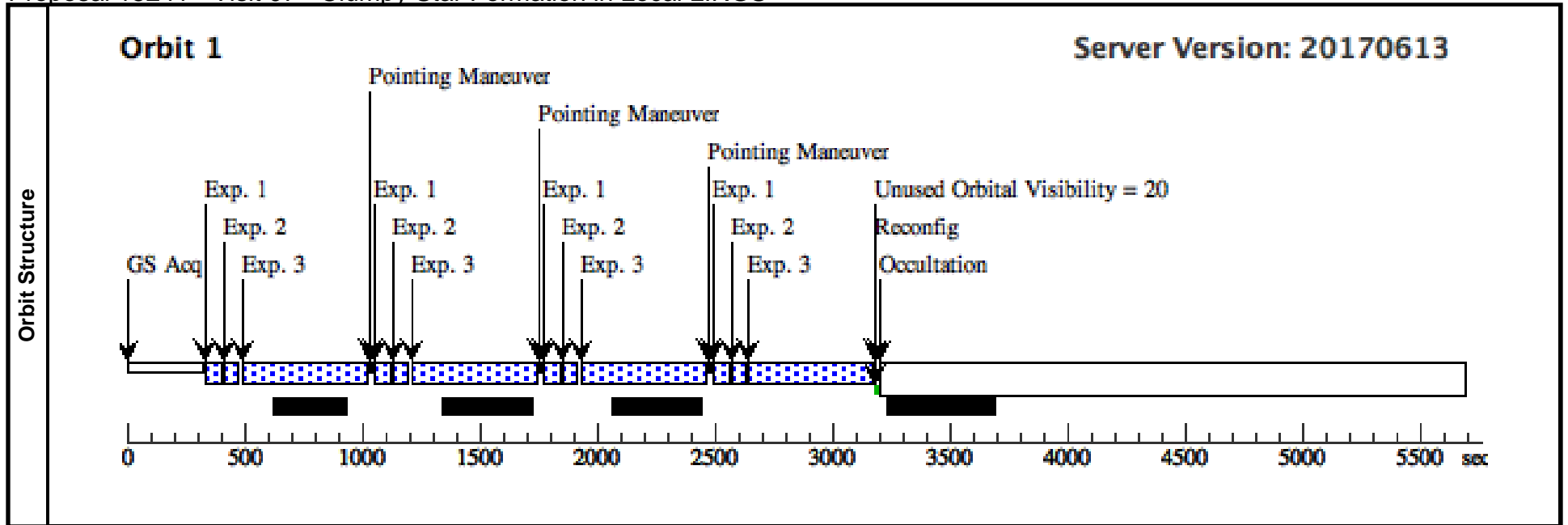
Visit	Proposal 15241, Visit 06 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	MCG+08-11-002	RA: 05 40 43.7088 (85.1821200d) Dec: +49 41 41.50 (49.69486d) Equinox: J2000		V=(?) 11.4 J	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Extended=YES										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) MCG+08-11-002	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=6; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 06 (2)	52.937106 Secs (211.748 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(6) MCG+08-11-002	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=6; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 06 (2)	52.937106 Secs (211.748 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(6) MCG+08-11-002	WFC3/IR, MULTIACCUM, IR	F130N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 06 (2)	502.933906 Secs (2011.736 Secs)	
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Proposal 15241 - Visit 07 - Clumpy Star Formation in Local LIRGS

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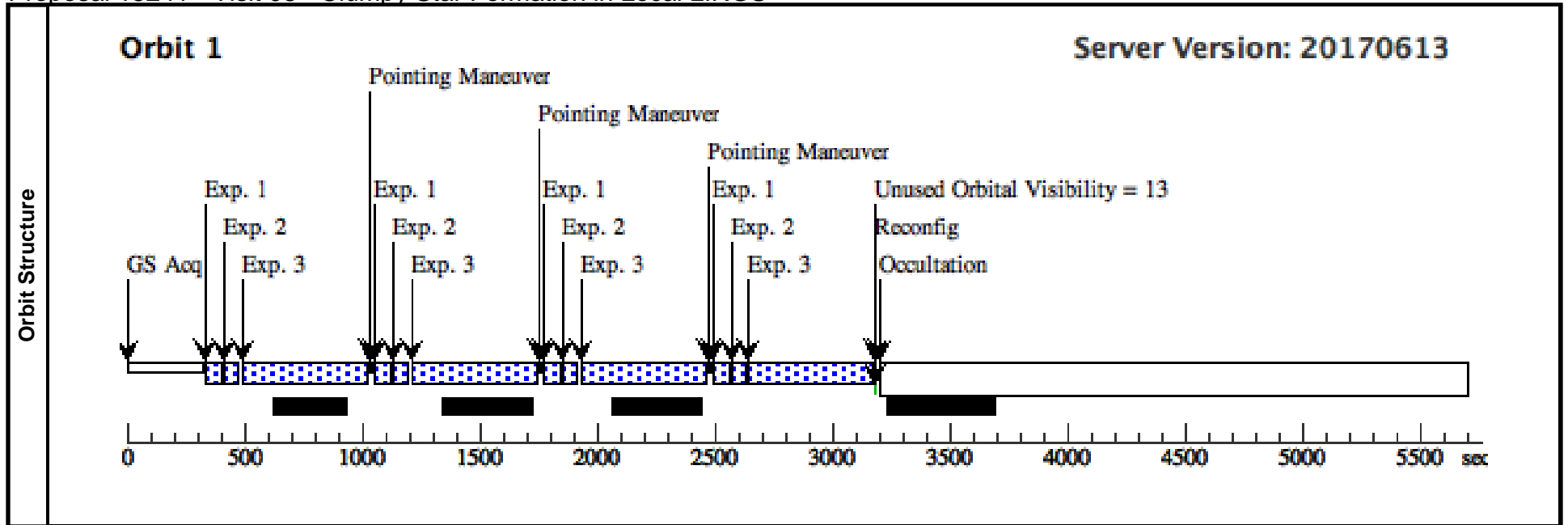
Visit	Proposal 15241, Visit 07 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	NGC0877-S	RA: 02 17 53.3270 (34.4721958d) Alt Name1: NGC0876 Dec: +14 31 17.91 (14.52164d) Equinox: J2000		V=(?) 12.99 I	Reference Frame: NED				
	<i>Comments: NGC0876 is a companion of NGC0877</i> Extended=YES									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) NGC0877-S	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 07 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(7) NGC0877-S	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 07 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(7) NGC0877-S	WFC3/IR, MULTIACCUM, IR	F130N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 07 (2)	502.933906 Secs (2011.736 Secs)	
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Proposal 15241 - Visit 08 - Clumpy Star Formation in Local LIRGS

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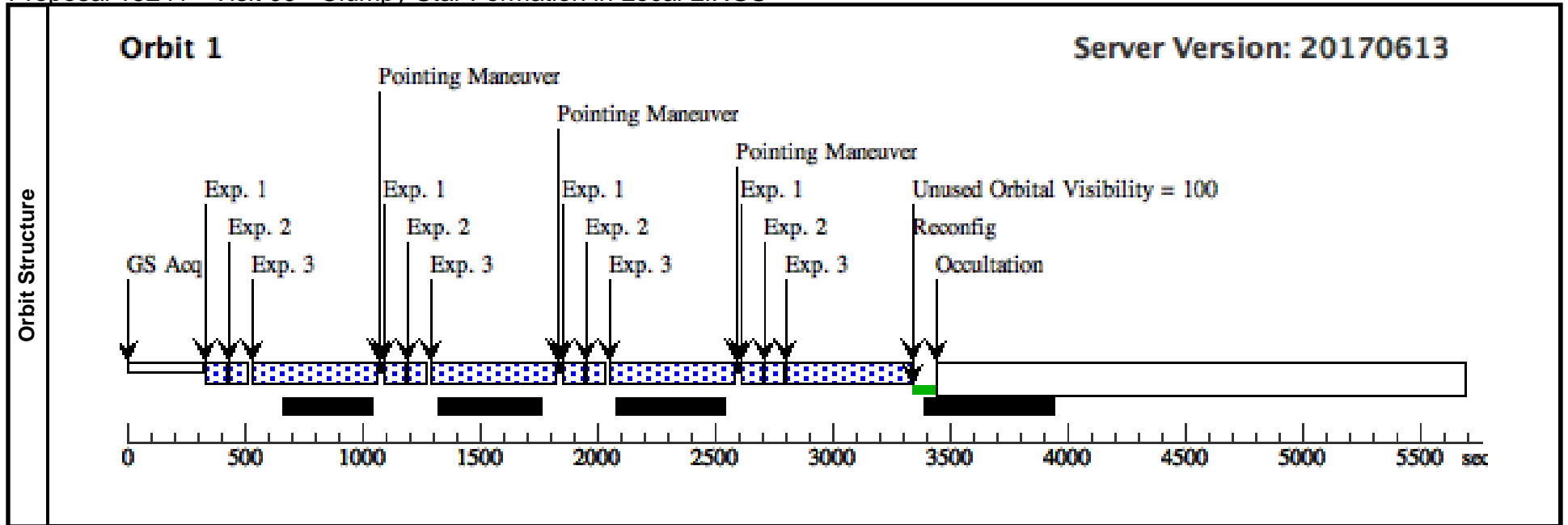
Visit	Proposal 15241, Visit 08 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(8)	IRAS17578-0400	RA: 18 00 33.0000 (270.1375000d) Dec: -04 01 20.36 (-4.02232d) Equinox: J2000		V=(?) 12.2 J	Reference Frame: 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 (Total)/[Actual Dur.]	Orbit
	1		(8) IRAS17578-0400	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 08 (2)	42.936143 Secs (171.745 Secs)	
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	2		(8) IRAS17578-0400	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 08 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(8) IRAS17578-0400	WFC3/IR, MULTIACCUM, IR	F130N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 08 (2)	502.933906 Secs (2011.736 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 15241 - Visit 09 - Clumpy Star Formation in Local LIRGS

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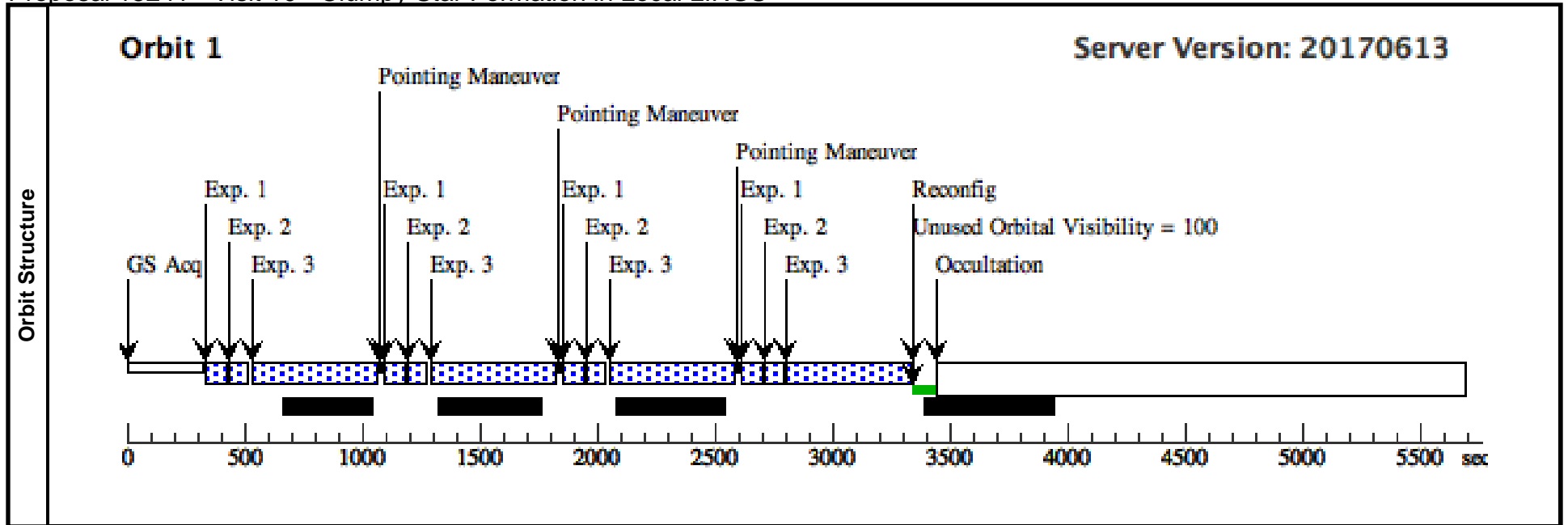
Visit	Proposal 15241, Visit 09 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	ESO173-G015	RA: 13 27 23.7792 (201.8490800d) Dec: -57 29 22.20 (-57.48950d) Equinox: J2000		V=(?) 14.3 R	Reference Frame: 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 (Total)/[Actual Dur.]	Orbit
	1		(9) ESO173-G015	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=7; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 09 (2)	62.938069 Secs (251.752 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(9) ESO173-G015	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 09 (2)	62.938069 Secs (251.752 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(9) ESO173-G015	WFC3/IR, MULTIACCUM, IR	F130N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 09 (2)	502.933906 Secs (2011.736 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 15241 - Visit 10 - Clumpy Star Formation in Local LIRGS

Wed Aug 02 19:03:32 GMT 2017

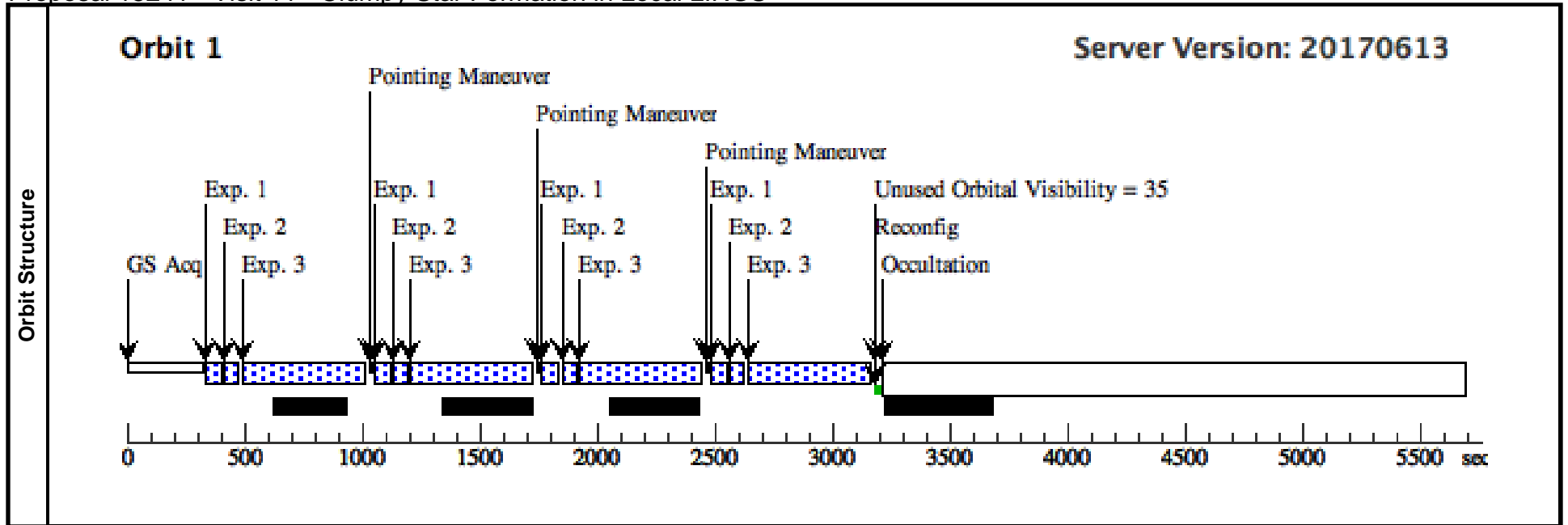
Visit	Proposal 15241, Visit 10 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ORIENT 212D TO 245 D; ORIENT 135D TO 146 D; ORIENT 319D TO 45 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	NGC6286	RA: 16 58 28.0000 (254.6166667d) Dec: +58 56 42.00 (58.94500d) Equinox: J2000		V=13.3	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Extended=YES										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(10) NGC6286	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=7; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 10 (2)	62.938069 Secs (251.752 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(10) NGC6286	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=7; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 10 (2)	62.938069 Secs (251.752 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(10) NGC6286	WFC3/IR, MULTIACCUM, IR	F130N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 10 (2)	502.933906 Secs (2011.736 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 15241 - Visit 11 - Clumpy Star Formation in Local LIRGS

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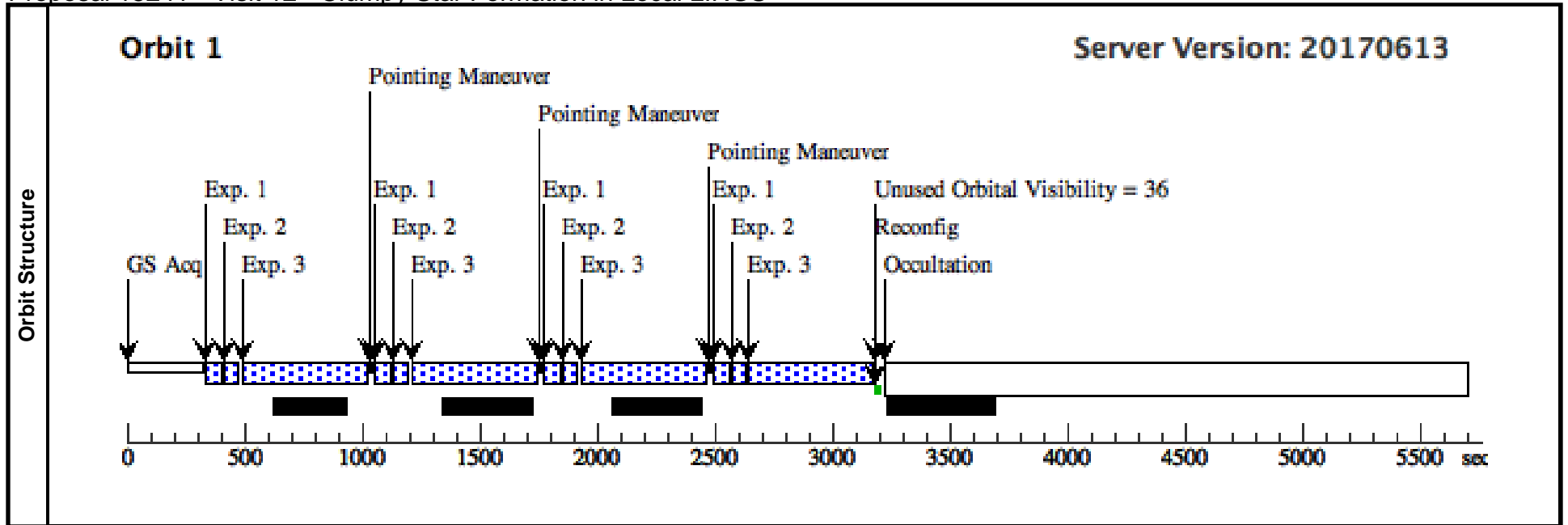
Visit	Proposal 15241, Visit 11 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	CGCG453-062	RA: 23 04 56.5296 (346.2355400d) Dec: +19 33 7.99 (19.55222d) Equinox: J2000		V=(?) 14 g	Reference Frame: 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 (Total)/[Actual Dur.]	Orbit
	1		(11) CGCG453-062	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 11 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(11) CGCG453-062	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 11 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(11) CGCG453-062	WFC3/IR, MULTIACCUM, IR	F132N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 11 (2)	502.933906 Secs (2011.736 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 15241 - Visit 12 - Clumpy Star Formation in Local LIRGS

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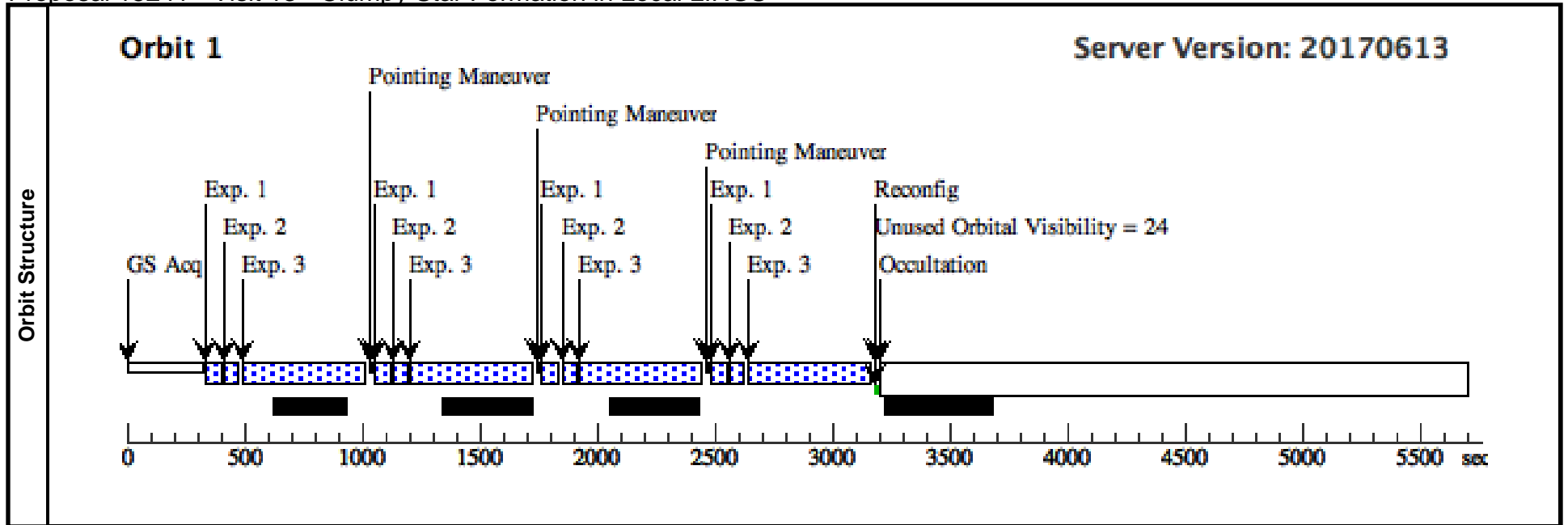
Visit	Proposal 15241, Visit 12 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(12)	ESO453-G005	RA: 16 47 31.0608 (251.8794200d) Dec: -29 21 21.60 (-29.35600d) Equinox: J2000		V=(?) 12.14 J	Reference Frame: 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 (Total)/[Actual Dur.]	Orbit
	1		(12) ESO453-G005	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 12 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(12) ESO453-G005	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 12 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(12) ESO453-G005	WFC3/IR, MULTIACCUM, IR	F130N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 12 (2)	502.933906 Secs (2011.736 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 15241 - Visit 13 - Clumpy Star Formation in Local LIRGS

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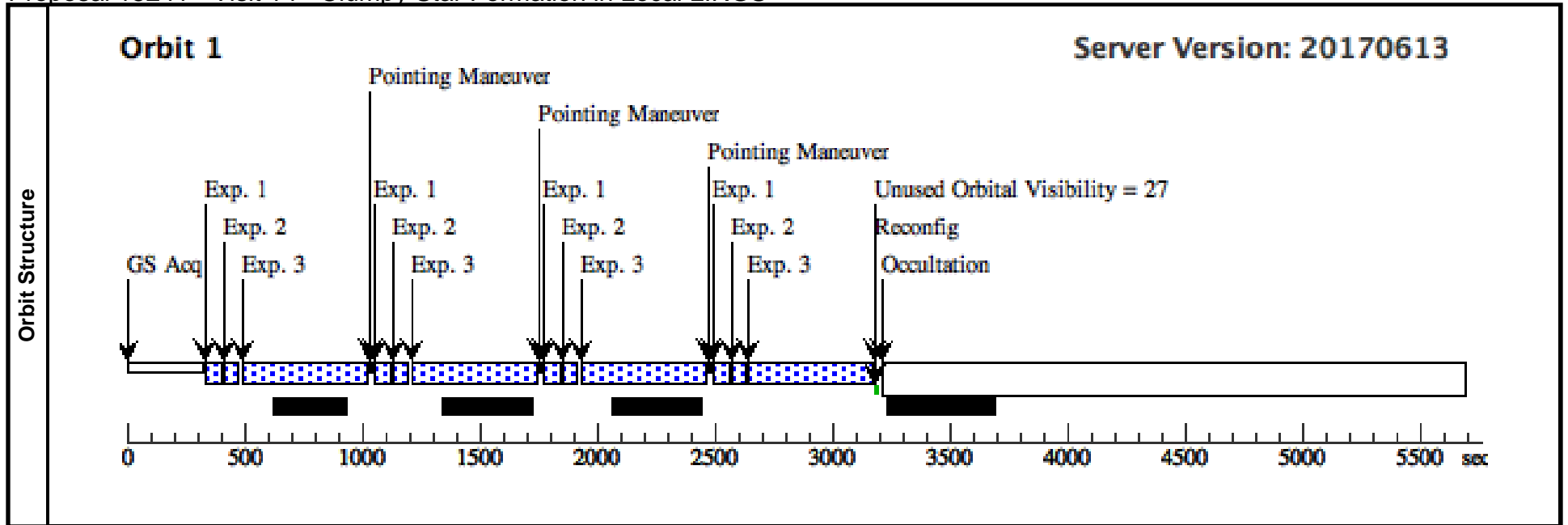
Visit	Proposal 15241, Visit 13 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(13)	IRASF12224-0624	RA: 12 25 3.9096 (186.2662900d) Dec: -06 40 52.61 (-6.68128d) Equinox: J2000		V=(?) 15.5 g	Reference Frame: 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 (Total)/[Actual Dur.]	Orbit
	1		(13) IRASF12224-0624	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 13 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(13) IRASF12224-0624	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 13 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(13) IRASF12224-0624	WFC3/IR, MULTIACCUM, IR	F132N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 13 (2)	502.933906 Secs (2011.736 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 15241 - Visit 14 - Clumpy Star Formation in Local LIRGS

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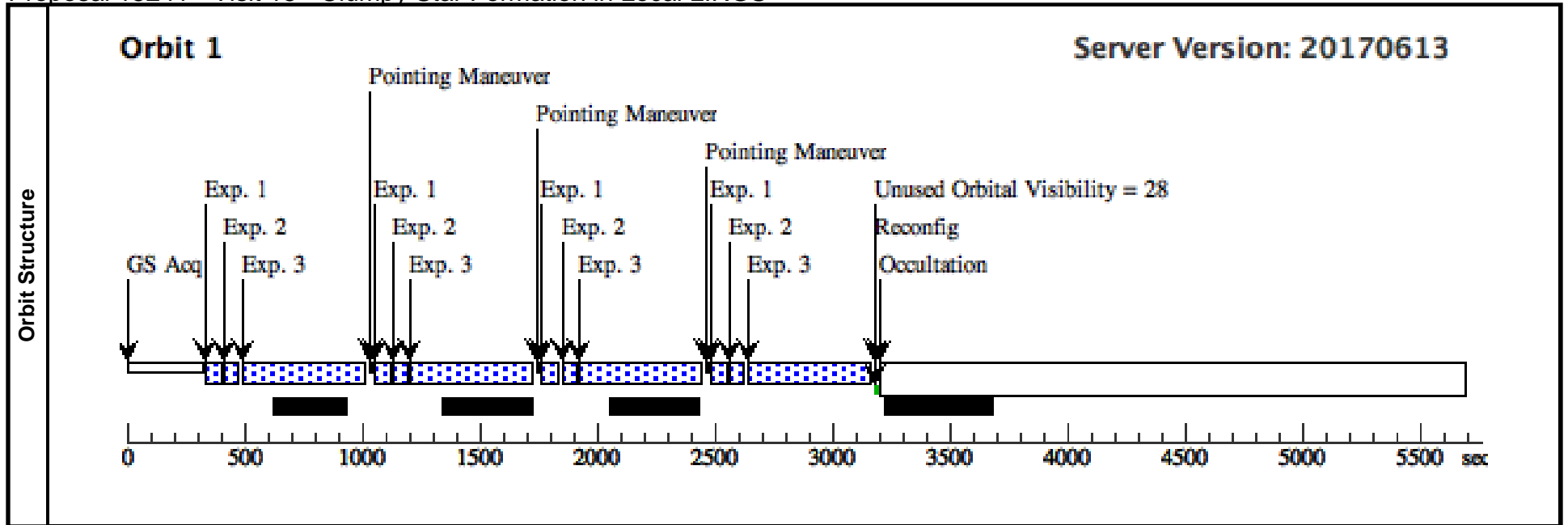
Visit	Proposal 15241, Visit 14 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ORIENT 249D TO 340 D; ORIENT 157D TO 191 D; ORIENT 72D TO 85 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	IRAS05442+1732	RA: 05 47 9.0000 (86.7875000d) Dec: +17 33 25.00 (17.55694d) Equinox: J2000		V=(?) 12 J	Reference Frame: 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 (Total)/[Actual Dur.]	Orbit
	1		(14) IRAS05442+1732	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 14 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(14) IRAS05442+1732	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 14 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(14) IRAS05442+1732	WFC3/IR, MULTIACCUM, IR	F130N	NSAMP=6; SAMP-SEQ=SPAR S100		Pattern 2, Exps 1-3 in Visit 14 (2)	502.933906 Secs (2011.736 Secs)		
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 15241 - Visit 15 - Clumpy Star Formation in Local LIRGS

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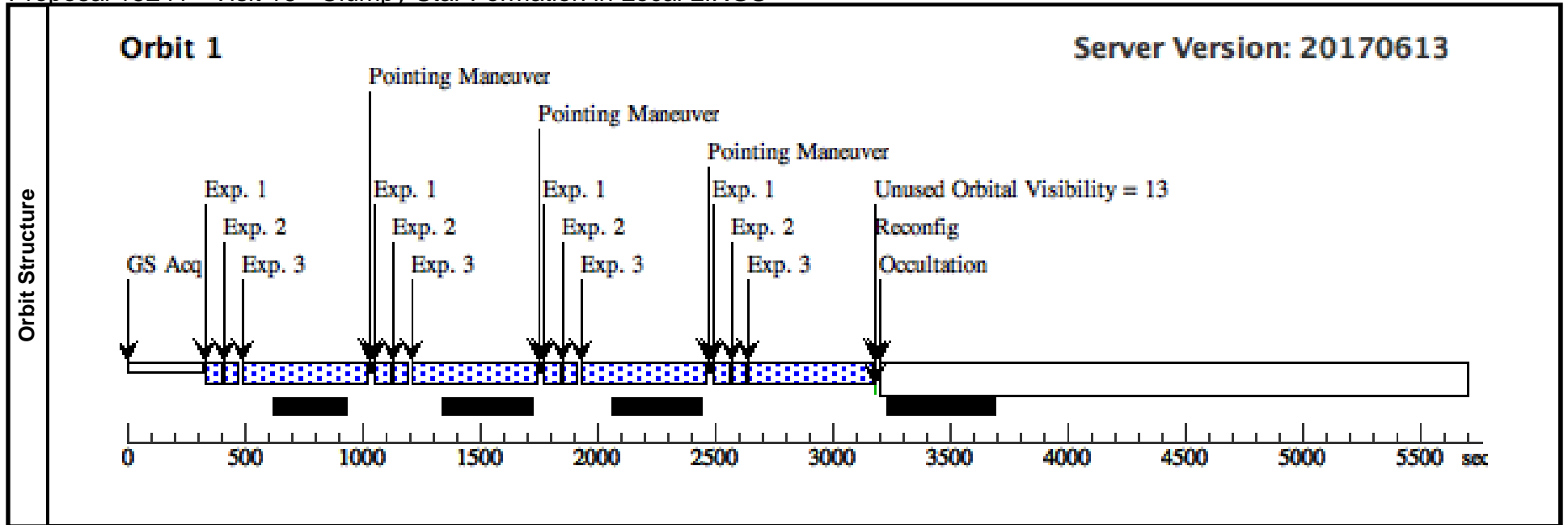
Visit	Proposal 15241, Visit 15 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(15)	IRASF05187-1017	RA: 05 21 6.5424 (80.2772600d) Dec: -10 14 46.72 (-10.24631d) Equinox: J2000		V=(?) 13.1 J	Reference Frame: 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 (Total)/[Actual Dur.]	Orbit
	1		(15) IRASF05187-1017	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 15 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(15) IRASF05187-1017	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 15 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(15) IRASF05187-1017	WFC3/IR, MULTIACCUM, IR	F132N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 15 (2)	502.933906 Secs (2011.736 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 15241 - Visit 16 - Clumpy Star Formation in Local LIRGS

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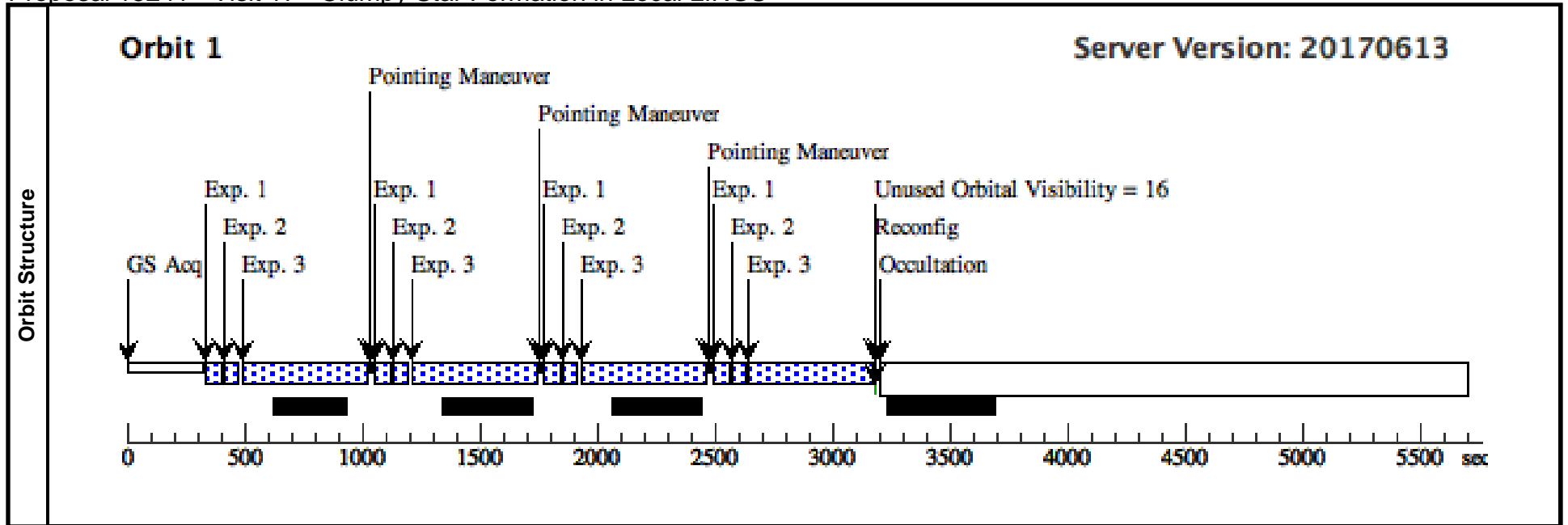
Visit	Proposal 15241, Visit 16 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ORIENT 187D TO 288 D; ORIENT 80D TO 133 D; ORIENT 0D TO 38 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(16)	IC0564	RA: 09 46 21.0792 (146.5878300d) Dec: +03 03 35.00 (3.05972d) Equinox: J2000		V=(?) 13.2 r	Reference Frame: 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 (Total)/[Actual Dur.]	Orbit
	1		(16) IC0564	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 16 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(16) IC0564	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 16 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(16) IC0564	WFC3/IR, MULTIACCUM, IR	F130N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 16 (2)	502.933906 Secs (2011.736 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 15241 - Visit 17 - Clumpy Star Formation in Local LIRGS

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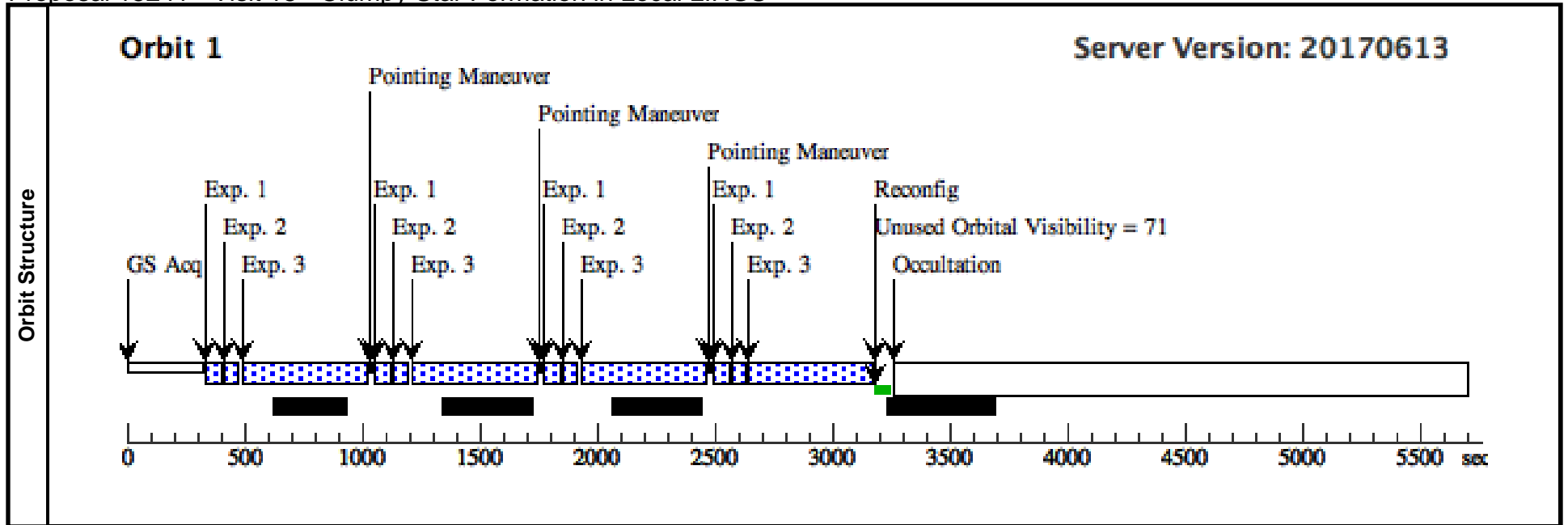
Visit	Proposal 15241, Visit 17 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(17)	UGC02982	RA: 04 12 22.4472 (63.0935300d) Dec: +05 32 50.00 (5.54722d) Equinox: J2000		V=(?) 15.2 B	Reference Frame: NED				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Extended=YES										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(17) UGC02982	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 17 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(17) UGC02982	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 17 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(17) UGC02982	WFC3/IR, MULTIACCUM, IR	F130N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 17 (2)	502.933906 Secs (2011.736 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 15241 - Visit 18 - Clumpy Star Formation in Local LIRGS

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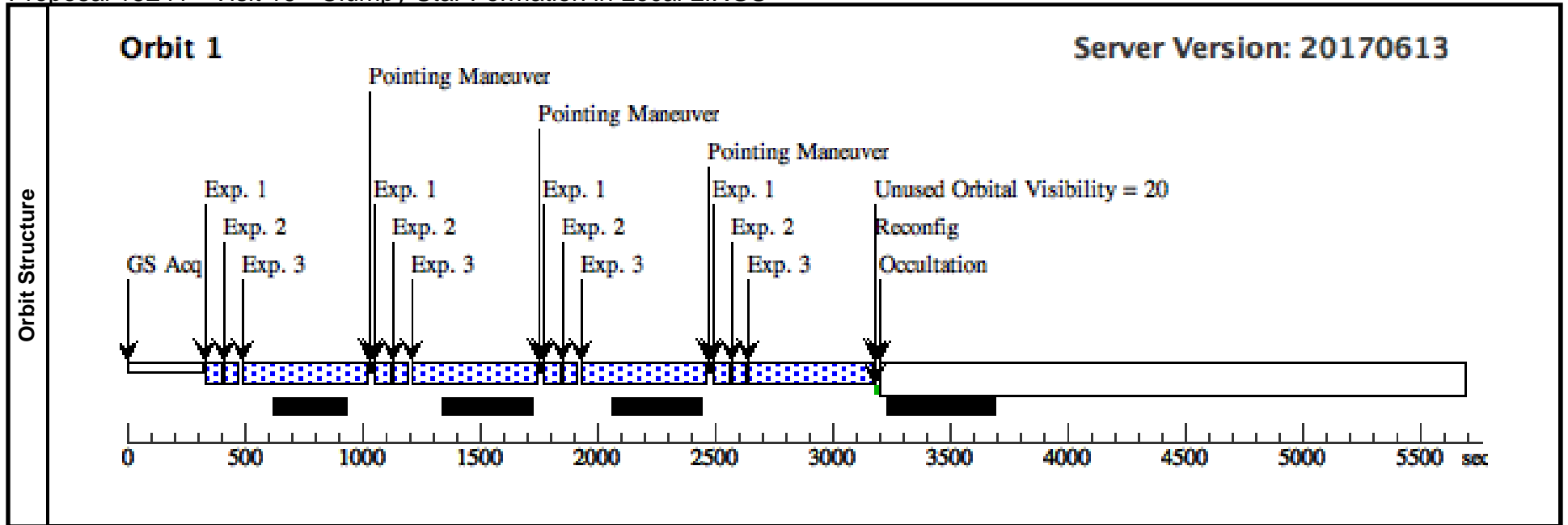
Visit	Proposal 15241, Visit 18 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: ORIENT 320D TO 250 D									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(18)	UGC08739	RA: 13 49 13.9296 (207.3080400d) Dec: +35 15 26.78 (35.25744d) Equinox: J2000		V=(?) 12.7 J	Reference Frame: NED				
	<i>Comments: Extended=YES</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(18) UGC08739	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 18 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(18) UGC08739	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 18 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(18) UGC08739	WFC3/IR, MULTIACCUM, IR	F130N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 18 (2)	502.933906 Secs (2011.736 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 15241 - Visit 19 - Clumpy Star Formation in Local LIRGS

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Visit	Proposal 15241, Visit 19 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(19)	NGC0877	RA: 02 17 59.6400 (34.4985000d) Dec: +14 32 38.62 (14.54406d) Equinox: J2000		V=11.4	Reference Frame: NED				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(19) NGC0877	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 19 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(19) NGC0877	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 19 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(19) NGC0877	WFC3/IR, MULTIACCUM, IR	F130N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 19 (2)	502.933906 Secs (2011.736 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 15241 - Visit 20 - Clumpy Star Formation in Local LIRGS

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Visit	Proposal 15241, Visit 20 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1-3)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(20)	IRAS18293-3413	RA: 18 32 41.1770 (278.1715708d) Dec: -34 11 27.46 (-34.19096d) Equinox: J2000		V=(?) 12.4 I	Reference Frame: SIMBAD				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) IRAS18293-3413	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 20 (2)	42.936143 Secs (171.745 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(20) IRAS18293-3413	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=5; SAMP-SEQ=SPAR S10		Pattern 2, Exps 1-3 in Visit 20 (2)	42.936143 Secs (171.745 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
3		(20) IRAS18293-3413	WFC3/IR, MULTIACCUM, IR	F130N	NSAMP=6; SAMP-SEQ=SPAR S100			Pattern 2, Exps 1-3 in Visit 20 (2)	502.933906 Secs (2011.736 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	

