



17240 - Searching for X-ray nuclear sources in Virgo dwarfs in stripping

Cycle: 30, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>
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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) IC-776	ACS/WFC	1	12-Aug-2023 21:00:21.0	yes
02	(2) CGCG042-039	ACS/WFC	1	12-Aug-2023 21:00:22.0	yes
03	(3) IC3225	ACS/WFC	1	12-Aug-2023 21:00:23.0	yes
04	(4) IC3298	ACS/WFC	1	12-Aug-2023 21:00:24.0	yes
05	(5) NGC4423	ACS/WFC	1	12-Aug-2023 21:00:25.0	yes
06	(6) 2MASXJ12291821+1008096	ACS/WFC	1	12-Aug-2023 21:00:25.0	yes
07	(7) IC3412	ACS/WFC	1	12-Aug-2023 21:00:26.0	yes
12	(7) IC3412	ACS/WFC	1	12-Aug-2023 21:00:27.0	yes
08	(8) UGC7636	ACS/WFC	1	12-Aug-2023 21:00:27.0	yes
09	(9) IC3430	ACS/WFC	1	12-Aug-2023 21:00:28.0	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>
10	(10) IC3476	ACS/WFC	1	12-Aug-2023 21:00:29.0	yes
11	(11) MCG+02-32-161	ACS/WFC	1	12-Aug-2023 21:00:29.0	yes

12 Total Orbits Used

ABSTRACT

Over the last 10 - 15 years, a population of dwarf galaxies hosting massive black holes with masses of $10^4 - 10^{6.5} M_{\text{Sun}}$ has been strongly suggested from observations. However, it is also clear that strong AGN in local dwarfs are rare. Dwarf galaxies in galaxy clusters are subject to ram pressure stripping (RPS) that can have an initial positive effect on star formation and AGN accretion, as suggested by studies of more massive galaxies. In this proposal, we select a sample of dwarf galaxies undergoing RPS in the Virgo cluster. New Chandra observations are proposed to search for X-ray AGN and X-ray binaries (including ULXs) in these dwarfs. Joint HST observations are also requested. This survey also complements previous Chandra surveys on massive Virgo galaxies with a similar depth.

OBSERVING DESCRIPTION

We will observe 11 dwarf galaxies in the Virgo cluster with two filters F475W and F814W to study their star formation in these galaxies, search for nuclear sources and features indicative of ram pressure stripping. F475W and F814W observations will be done in one orbit with ACS/WFC so each galaxy will be observed for one orbit. The ACS aperture is typically WFC (WFCENTER for the 8th target), except for the three smallest galaxies (WFC1-FIX used). The ACS data in two high-throughput filters allow detections of faint features (e.g., individual star cluster associations, dust) and a detailed color map of these galaxies. Nuclear AGN and young star clusters in the stripped tails will also be searched for.

Proposal 17240 - Visit 01 - Searching for X-ray nuclear sources in Virgo dwarfs in stripping

Sun Aug 13 01:00:30 GMT 2023

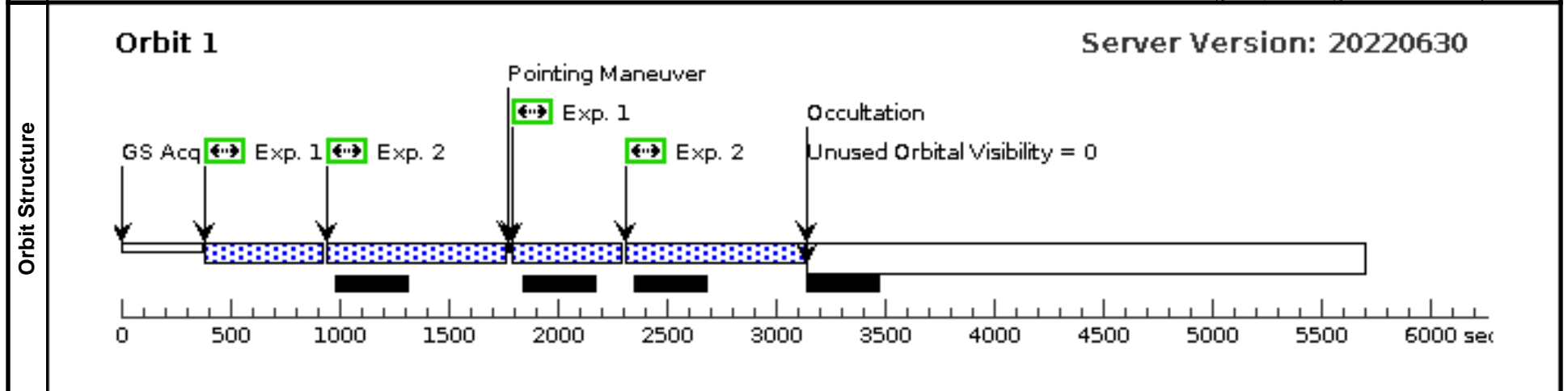
Visit	Proposal 17240, Visit 01, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	IC-776	RA: 12 19 3.1000 (184.7629167d) Dec: +08 51 21.60 (8.85600d) Equinox: J2000	Epoch of Position: 2000	V=14	Reference Frame: SIMBAD

Comments: A dwarf galaxy in the Virgo cluster
 Category=GALAXY
 Description=[DWARF SPHEROIDAL, EMISSION LINE NEBULA, NUCLEUS, STAR FORMING REGION]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) IC-776	ACS/WFC, ACCUM, WFC	F814W					Pattern 1, Exps 1-2 in Visit 01 (1)	337 Secs (674 Secs) [=>(Pattern 1)] [=>(Pattern 2)]
2	(1) IC-776	ACS/WFC, ACCUM, WFC	F475W					Pattern 1, Exps 1-2 in Visit 01 (1)	656 Secs (1311 Secs) [=>655.0 Secs (Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 17240 - Visit 02 - Searching for X-ray nuclear sources in Virgo dwarfs in stripping

Sun Aug 13 01:00:30 GMT 2023

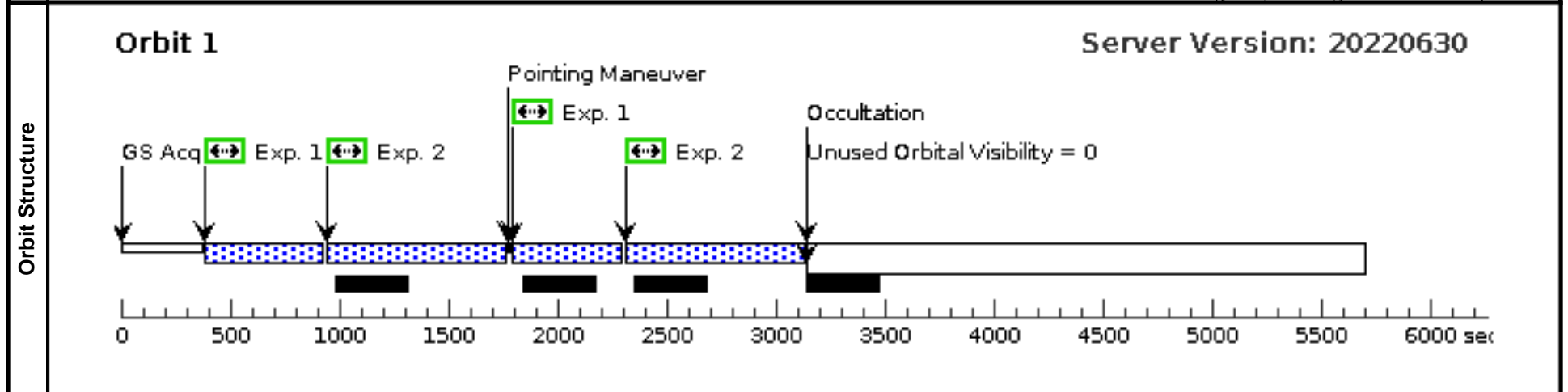
Visit	Proposal 17240, Visit 02, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.034 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false		(1-2)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	CGCG042-039	RA: 12 21 3.7100 (185.2654583d) Dec: +07 04 39.35 (7.07760d) Equinox: J2000	Epoch of Position: 2000	V=15	Reference Frame: SIMBAD

Comments: A dwarf galaxy in the Virgo cluster
 Category=GALAXY
 Description=[DWARF SPHEROIDAL, EMISSION LINE NEBULA, NUCLEUS, STAR FORMING REGION]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) CGCG042-039	ACS/WFC, ACCUM, WFC1-FIX	F814W			Pattern 1, Exps 1-2 in Visit 02 (1)	337 Secs (674 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]
2		(2) CGCG042-039	ACS/WFC, ACCUM, WFC1-FIX	F475W			Pattern 1, Exps 1-2 in Visit 02 (1)	656 Secs (1311 Secs) [=>655.0 Secs (Pattern 1)] [=>(Pattern 2)]	[1]	



Proposal 17240 - Visit 03 - Searching for X-ray nuclear sources in Virgo dwarfs in stripping

Sun Aug 13 01:00:30 GMT 2023

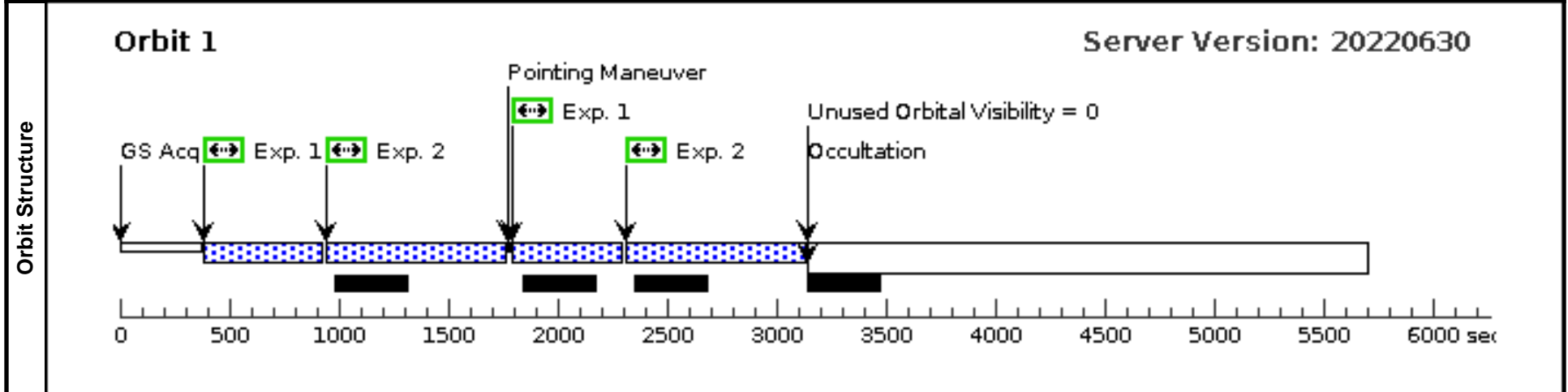
Visit	Proposal 17240, Visit 03, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	IC3225	RA: 12 22 38.4700 (185.6602917d) Dec: +06 40 28.30 (6.67453d) Equinox: J2000	Epoch of Position: 2000	V=14.5	Reference Frame: SIMBAD

Comments: A dwarf galaxy in the Virgo cluster
 Category=GALAXY
 Description=[DWARF SPHEROIDAL, EMISSION LINE NEBULA, NUCLEUS, STAR FORMING REGION]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) IC3225	ACS/WFC, ACCUM, WFC	F814W				Pattern 1, Exps 1-2 in Visit 03 (1)	337 Secs (674 Secs) [=>(Pattern 1)] [=>(Pattern 2)]
2		(3) IC3225	ACS/WFC, ACCUM, WFC	F475W				Pattern 1, Exps 1-2 in Visit 03 (1)	656 Secs (1311 Secs) [=>655.0 Secs (Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 17240 - Visit 04 - Searching for X-ray nuclear sources in Virgo dwarfs in stripping

Sun Aug 13 01:00:30 GMT 2023

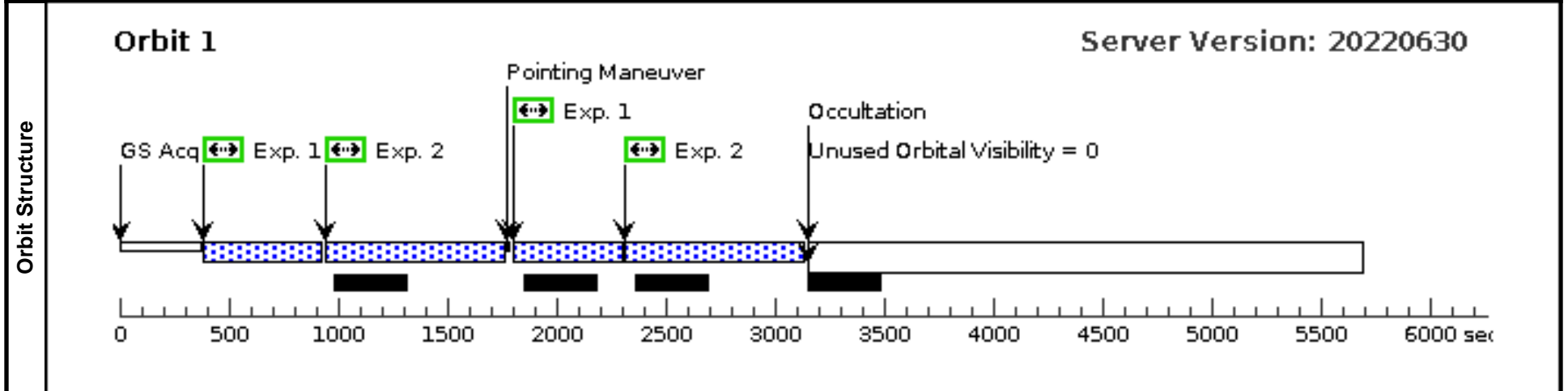
Visit	Proposal 17240, Visit 04, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	IC3298	RA: 12 25 3.7800 (186.2657500d) Dec: +17 00 57.09 (17.01586d) Equinox: J2000	Epoch of Position: 2000	V=14.5	Reference Frame: SIMBAD

Comments: A dwarf galaxy in the Virgo cluster
 Category=GALAXY
 Description=[DWARF SPHEROIDAL, EMISSION LINE NEBULA, NUCLEUS, STAR FORMING REGION]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) IC3298	ACS/WFC, ACCUM, WFC1-FIX	F814W				Pattern 1, Exps 1-2 in Visit 04 (1)	337 Secs (674 Secs)
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]
2		(4) IC3298	ACS/WFC, ACCUM, WFC1-FIX	F475W				Pattern 1, Exps 1-2 in Visit 04 (1)	661 Secs (1322 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 17240 - Visit 05 - Searching for X-ray nuclear sources in Virgo dwarfs in stripping

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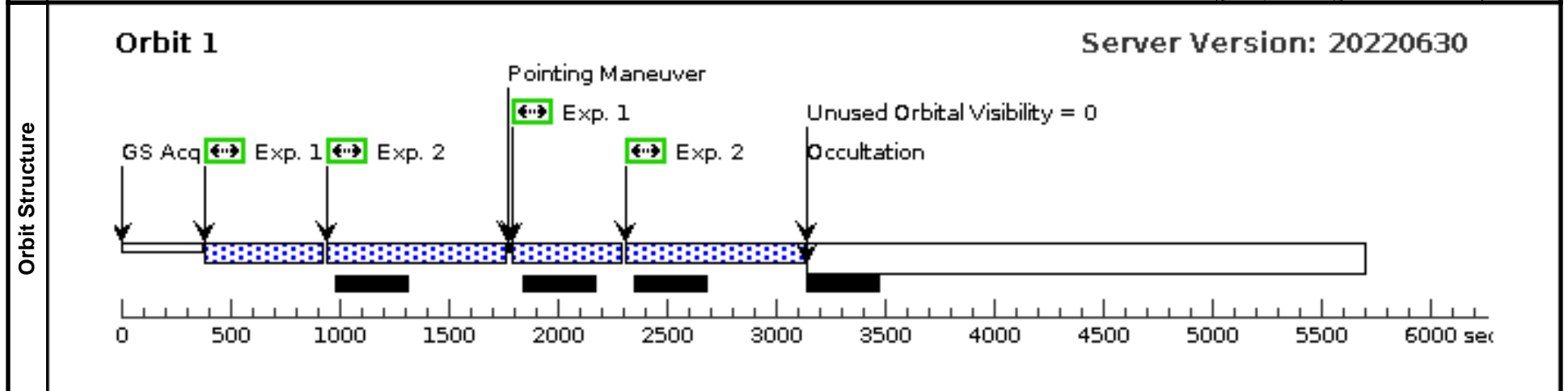
Visit	Proposal 17240, Visit 05, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	NGC4423	RA: 12 27 9.1000 (186.7879167d) Dec: +05 52 51.40 (5.88094d) Equinox: J2000	Epoch of Position: 2000	V=13.5	Reference Frame: SIMBAD

Comments: A dwarf galaxy in the Virgo cluster
 Category=GALAXY
 Description=[DWARF SPHEROIDAL, EMISSION LINE NEBULA, NUCLEUS, STAR FORMING REGION]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) NGC4423	ACS/WFC, ACCUM, WFC	F814W				Pattern 1, Exps 1-2 in Visit 05 (1)	337 Secs (674 Secs) [=>(Pattern 1)] [=>(Pattern 2)]
2		(5) NGC4423	ACS/WFC, ACCUM, WFC	F475W				Pattern 1, Exps 1-2 in Visit 05 (1)	656 Secs (1311 Secs) [=>655.0 Secs (Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 17240 - Visit 06 - Searching for X-ray nuclear sources in Virgo dwarfs in stripping

Sun Aug 13 01:00:30 GMT 2023

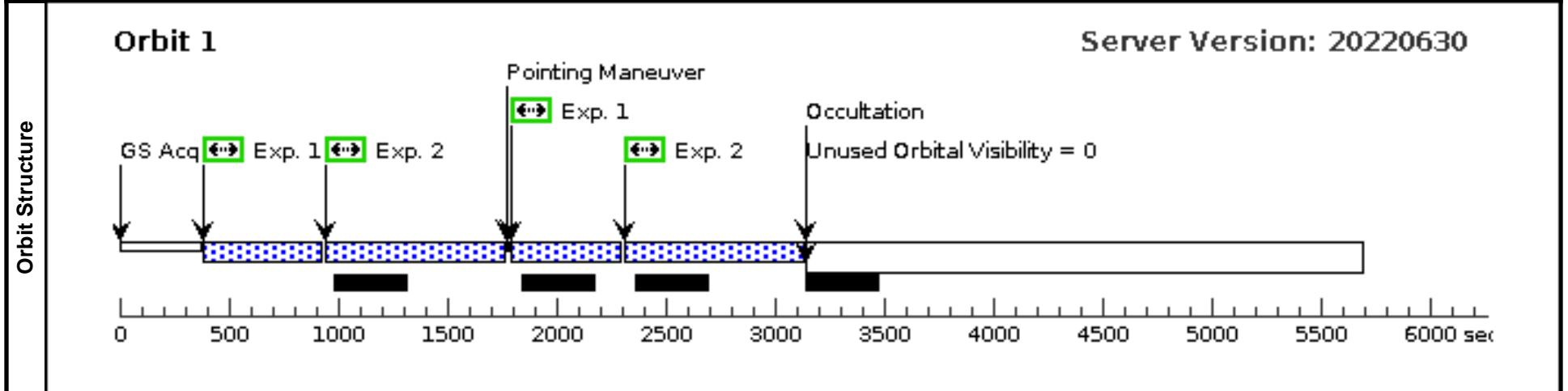
Visit	Proposal 17240, Visit 06, scheduling		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	2MASXJ12291821+1008096	RA: 12 29 18.2011 (187.3258379d) Dec: +10 08 8.80 (10.13578d) Equinox: J2000	Epoch of Position: 2000	V=15.5	Reference Frame: SIMBAD

Comments: A dwarf galaxy in the Virgo cluster
 Category=GALAXY
 Description=[DWARF SPHEROIDAL, EMISSION LINE NEBULA, NUCLEUS, STAR FORMING REGION]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) 2MASXJ12291821+1008096	ACS/WFC, ACCUM, WFC1-FIX	F814W				Pattern 1, Exps 1-2 in Visit 06 (1)	337 Secs (674 Secs) [=>(Pattern 1)] [=>(Pattern 2)]
2		(6) 2MASXJ12291821+1008096	ACS/WFC, ACCUM, WFC1-FIX	F475W				Pattern 1, Exps 1-2 in Visit 06 (1)	658 Secs (1315 Secs) [=>657.0 Secs (Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 17240 - Visit 07 - Searching for X-ray nuclear sources in Virgo dwarfs in stripping

Sun Aug 13 01:00:30 GMT 2023

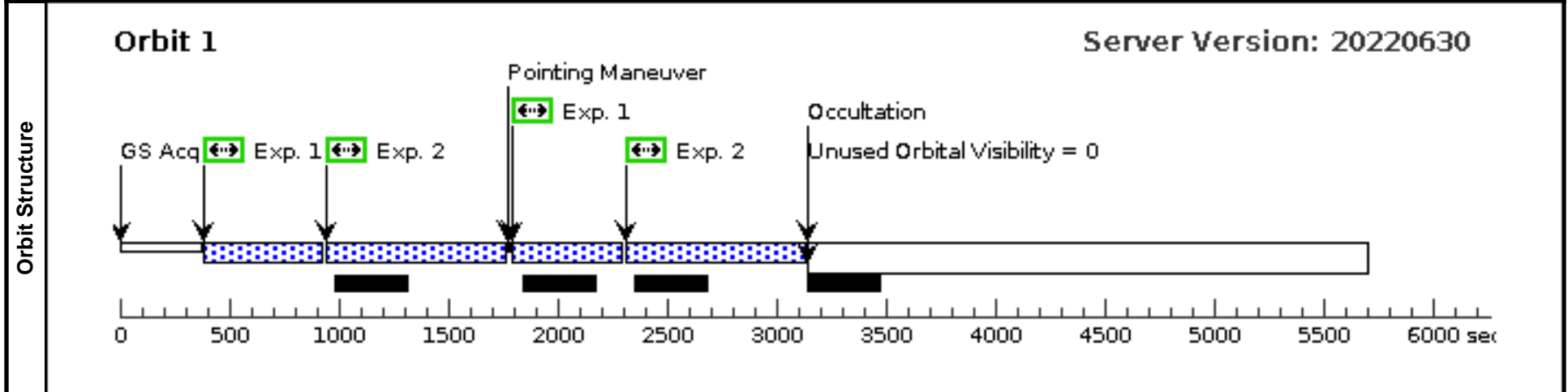
Visit	Proposal 17240, Visit 07, failed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	IC3412	RA: 12 29 22.6760 (187.3444833d) Dec: +09 59 20.66 (9.98907d) Equinox: J2000	Epoch of Position: 2000	V=15.0	Reference Frame: SIMBAD

Comments: A dwarf galaxy in the Virgo cluster
 Category=GALAXY
 Description=[DWARF SPHEROIDAL, EMISSION LINE NEBULA, NUCLEUS, STAR FORMING REGION]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		(7) IC3412	ACS/WFC, ACCUM, WFC	F814W				Pattern 1, Exps 1-2 in Visit 07 (1)	337 Secs (674 Secs)	
										[=>(Pattern 1)] [=>(Pattern 2)]	[1]
2		(7) IC3412	ACS/WFC, ACCUM, WFC	F475W				Pattern 1, Exps 1-2 in Visit 07 (1)	656 Secs (1311 Secs)		
									[=>655.0 Secs (Pattern 1)] [=>(Pattern 2)]	[1]	



Proposal 17240 - Visit 12 - Searching for X-ray nuclear sources in Virgo dwarfs in stripping

Sun Aug 13 01:00:30 GMT 2023

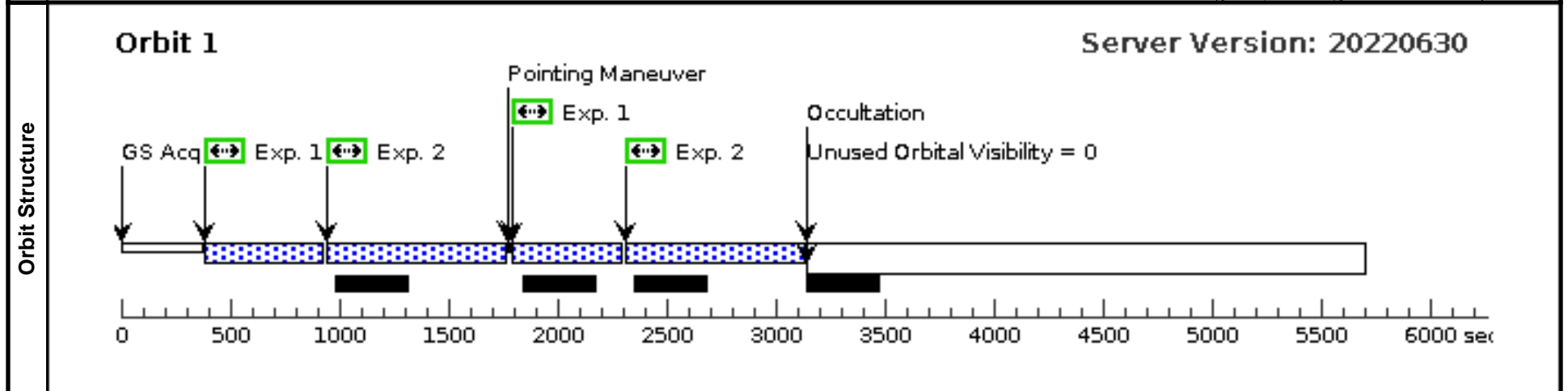
Visit	Proposal 17240, Visit 12		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	IC3412	RA: 12 29 22.6760 (187.3444833d) Dec: +09 59 20.66 (9.98907d) Equinox: J2000	Epoch of Position: 2000	V=15.0	Reference Frame: SIMBAD

Comments: A dwarf galaxy in the Virgo cluster
 Category=GALAXY
 Description=[DWARF SPHEROIDAL, EMISSION LINE NEBULA, NUCLEUS, STAR FORMING REGION]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		(7) IC3412	ACS/WFC, ACCUM, WFC	F814W				Pattern 1, Exps 1-2 in Visit 12 (1)	337 Secs (674 Secs)	
										[=>(Pattern 1)] [=>(Pattern 2)]	[1]
2		(7) IC3412	ACS/WFC, ACCUM, WFC	F475W				Pattern 1, Exps 1-2 in Visit 12 (1)	656 Secs (1311 Secs)		
									[=>655.0 Secs (Pattern 1)] [=>(Pattern 2)]	[1]	



Proposal 17240 - Visit 08 - Searching for X-ray nuclear sources in Virgo dwarfs in stripping

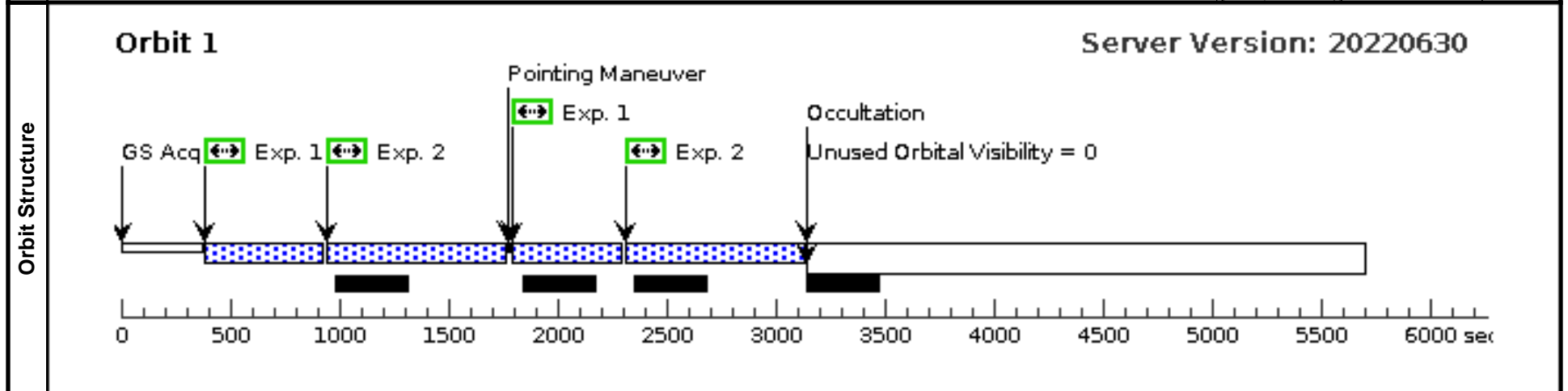
Sun Aug 13 01:00:30 GMT 2023

Visit	Proposal 17240, Visit 08, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	UGC7636	RA: 12 29 58.0800 (187.4920000d) Dec: +07 56 40.69 (7.94464d) Equinox: J2000 <i>Comments: A dwarf galaxy in the Virgo cluster</i> Category=GALAXY Description=[DWARF SPHEROIDAL, EMISSION LINE NEBULA, NUCLEUS, STAR FORMING REGION] Extended=YES	Epoch of Position: 2000 V=14.0 Reference Frame: SIMBAD		

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(8) UGC7636	ACS/WFC, ACCUM, WFCENTER	F814W				Pattern 1, Exps 1-2 in Visit 08 (1)	337 Secs (674 Secs) [=>(Pattern 1)] [=>(Pattern 2)]
2		(8) UGC7636	ACS/WFC, ACCUM, WFCENTER	F475W				Pattern 1, Exps 1-2 in Visit 08 (1)	656 Secs (1311 Secs) [=>655.0 Secs (Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 17240 - Visit 09 - Searching for X-ray nuclear sources in Virgo dwarfs in stripping

Sun Aug 13 01:00:30 GMT 2023

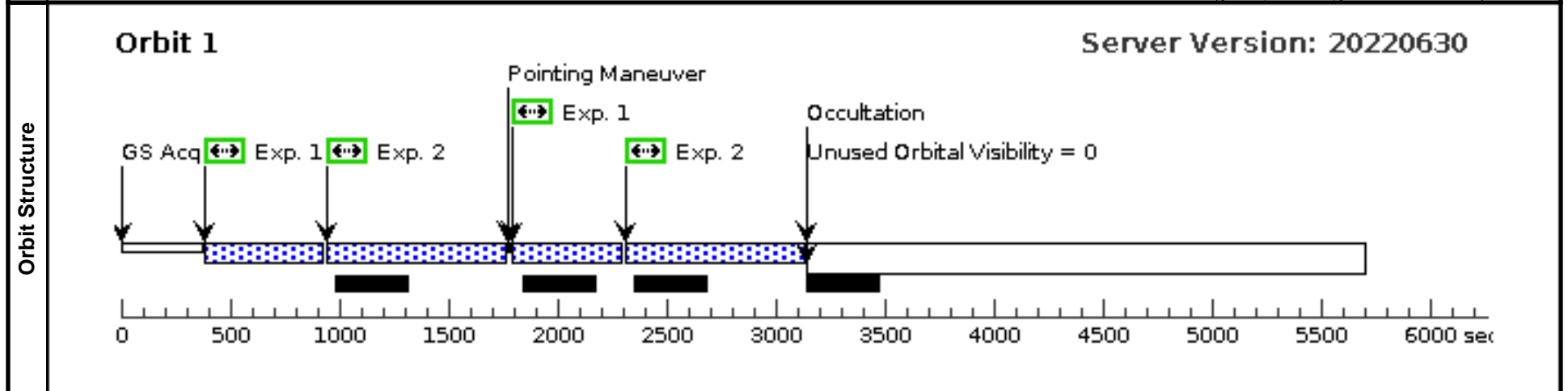
Visit	Proposal 17240, Visit 09, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(9)	IC3430	RA: 12 30 16.2900 (187.5678750d) Dec: +09 05 9.90 (9.08608d) Equinox: J2000	Epoch of Position: 2000	V=14.00	Reference Frame: SIMBAD

Comments: A dwarf galaxy in the Virgo cluster
 Category=GALAXY
 Description=[DWARF SPHEROIDAL, EMISSION LINE NEBULA, NUCLEUS, STAR FORMING REGION]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		(9) IC3430	ACS/WFC, ACCUM, WFC	F814W				Pattern 1, Exps 1-2 in Visit 09 (1)	337 Secs (674 Secs)	
										[=>(Pattern 1)] [=>(Pattern 2)]	[1]
2		(9) IC3430	ACS/WFC, ACCUM, WFC	F475W				Pattern 1, Exps 1-2 in Visit 09 (1)	656 Secs (1311 Secs)		
									[=>655.0 Secs (Pattern 1)] [=>(Pattern 2)]	[1]	



Proposal 17240 - Visit 10 - Searching for X-ray nuclear sources in Virgo dwarfs in stripping

Sun Aug 13 01:00:30 GMT 2023

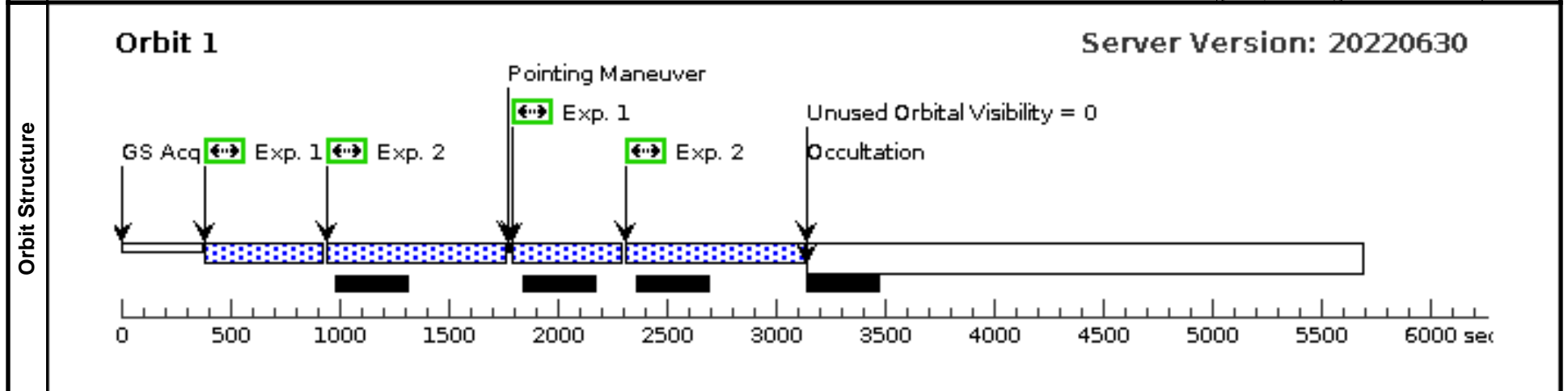
Visit	Proposal 17240, Visit 10, completed		
	Diagnostic Status: No Diagnostics		
	Scientific Instruments: ACS/WFC		
	Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	IC3476	RA: 12 32 41.8000 (188.1741667d) Dec: +14 03 1.90 (14.05053d) Equinox: J2000	Epoch of Position: 2000	V=12.7	Reference Frame: SIMBAD

Comments: A dwarf galaxy in the Virgo cluster
 Category=GALAXY
 Description=[DWARF SPHEROIDAL, EMISSION LINE NEBULA, NUCLEUS, STAR FORMING REGION]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(10) IC3476	ACS/WFC, ACCUM, WFC	F814W				Pattern 1, Exps 1-2 in Visit 10 (1)	337 Secs (674 Secs) [=>(Pattern 1)] [=>(Pattern 2)]
2		(10) IC3476	ACS/WFC, ACCUM, WFC	F475W				Pattern 1, Exps 1-2 in Visit 10 (1)	658 Secs (1315 Secs) [=>657 Secs (Pattern 1)] [=>(Pattern 2)]	[1]



Proposal 17240 - Visit 11 - Searching for X-ray nuclear sources in Virgo dwarfs in stripping

Sun Aug 13 01:00:30 GMT 2023

Visit	Proposal 17240, Visit 11, completed Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.034 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.29 Angle Between Sides= Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	MCG+02-32-161	RA: 12 37 41.5000 (189.4229167d) Dec: +08 33 31.10 (8.55864d) Equinox: J2000	Epoch of Position: 2000	V=14.7	Reference Frame: SIMBAD

Comments: A dwarf galaxy in the Virgo cluster
 Category=GALAXY
 Description=[DWARF SPHEROIDAL, EMISSION LINE NEBULA, NUCLEUS, STAR FORMING REGION]
 Extended=YES

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) MCG+02-32-161	ACS/WFC, ACCUM, WFC	F814W				Pattern 1, Exps 1-2 in Visit 11 (1)	337 Secs (674 Secs)
									[=>(Pattern 1)] [=>(Pattern 2)]	[1]
2		(11) MCG+02-32-161	ACS/WFC, ACCUM, WFC	F475W				Pattern 1, Exps 1-2 in Visit 11 (1)	656 Secs (1311 Secs)	
									[=>655.0 Secs (Pattern 1)] [=>(Pattern 2)]	[1]

