



16667 - The Final Frontier: HST and JWST Exploration of Galaxies Across Cosmic Epochs

Cycle: 29, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Prof. Marusa Bradac (PI) (Contact)	University of Ljubljana, Dept. of Physics	marusa@physics.ucdavis.edu
Dr. Chris J. Willott (CoI) (CSA Member)	Dominion Astrophysical Observatory	chriswillott1@gmail.com
Prof. Tucker Jones (CoI)	University of California - Davis	tdjones@ucdavis.edu
Dr. Gabriel Brammer (CoI) (ESA Member)	University of Copenhagen, Niels Bohr Institute	gabriel.brammer@nbi.ku.dk
Dr. Swara Ravindranath (CoI)	Space Telescope Science Institute - CSA - JWST	swara@stsci.edu
Prof. Tommaso L. Treu (CoI)	University of California - Los Angeles	tt@astro.ucla.edu
Dr. Tim Schrabback (CoI) (ESA Member)	Universitat Bonn, Argelander Institute for Astronomy	schrabba@astro.uni-bonn.de
Dr. Xin Wang (CoI)	University of Chinese Academy of Sciences	xwang@ucas.ac.cn
Dr. Charlotte Mason (CoI) (ESA Member)	University of Copenhagen, Niels Bohr Institute	charlotte.mason@nbi.ku.dk
Dr. Marcin Sawicki (CoI) (CSA Member)		marcin.sawicki@smu.ca
Victoria Strait (CoI) (ESA Member)	University of Copenhagen, Niels Bohr Institute	victoria.strait@nbi.ku.dk
Dr. Patrick Kelly (CoI)	University of Minnesota - Twin Cities	plkelly@umn.edu
Dr. Gael Noirot (CoI) (CSA Member)	St. Mary's University	gael.noirotd@gmail.com
Dr. Brian Lemaux (CoI)	NOIRLab - Gemini North (HI)	brian.lemaux@noirlab.edu
Kartheik Iyer (CoI)	Columbia University in the City of New York	kartheikiyer@gmail.com
Dr. Nicholas Martis (CoI) (CSA Member)	St. Mary's University	nicholas.martis@smu.ca
Dr. Camilla Pacifici (CoI)	Space Telescope Science Institute - CSA - JWST	cpacifici@stsci.edu
Dr. Lamiya Mowla (CoI) (CSA Member)	University of Toronto	lbamowla@gmail.com
Ms. Patricia Bolan (CoI)	University of California - Davis	pmbolan@ucdavis.edu

VISITS

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
01	(1) MACSJ1423	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:27.0	yes
02	(1) MACSJ1423	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:28.0	yes
52	(1) MACSJ1423	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:29.0	yes
03	(1) MACSJ1423	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:30.0	yes
04	(1) MACSJ1423	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:31.0	yes
05	(1) MACSJ1423	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:32.0	yes
06	(1) MACSJ1423	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:33.0	yes
07	(3) MACSJ1423-2	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:34.0	yes
08	(3) MACSJ1423-2	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:35.0	yes
09	(3) MACSJ1423-2	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:36.0	yes
10	(3) MACSJ1423-2	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:37.0	yes
11	(3) MACSJ1423-2	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:39.0	yes
12	(3) MACSJ1423-2	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:40.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
13	(3) MACSJ1423-2	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:41.0	yes
14	(3) MACSJ1423-2	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:41.0	yes
15	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:42.0	yes
65	(2) MACSJ0417	ACS/WFC WFC3/UVIS	1	04-Nov-2022 08:00:43.0	yes
16	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:44.0	yes
66	(2) MACSJ0417	ACS/WFC WFC3/UVIS	1	04-Nov-2022 08:00:45.0	yes
17	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:46.0	yes
18	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:47.0	yes
68	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:48.0	yes
19	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:49.0	yes
20	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:50.0	yes
21	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:51.0	yes
22	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:52.0	yes
23	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:53.0	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>
24	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:54.0	yes
25	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:55.0	yes
26	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:56.0	yes
27	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:57.0	yes
28	(2) MACSJ0417	ACS/WFC WFC3/UVIS	2	04-Nov-2022 08:00:58.0	yes

62 Total Orbits Used

ABSTRACT

Despite the success of galaxy formation models, some questions remain largely unanswered. Chief among these: (1) how did galaxies reionize the universe (if they did)? (2) How do they evolve? (3) How do gas and metals cycle in and out of galaxies? JWST will undoubtedly help us advance galaxy formation and evolution science. However, to answer these and many other questions, deep rest-frame UV and optical data will still be required. Given JWST's limited lifetime, it is essential to obtain ancillary data crucial for its success. The JWST GTO program CANUCS (CANadian NIRISS Unbiased Cluster Survey) aims to answer these questions by observing five galaxy clusters and ten parallel fields for 200 hours with NIRISS grisms, NIRCам imager, and NIRSpec multi-object spectrograph. However, only in conjunction with the proposed deep, high-resolution optical data will it determine: (1) Lyman-alpha observability of a sample of >1000 galaxies at $z > 6$ well into the reionization epoch. (2) Robustly determine star formation histories of >10,000 cosmic-noon galaxies. (3) Study metallicity gradients of >200 dwarf galaxies in a large and well-defined sample at cosmic noon. This proposal will deliver uniform and essential data using ACS F435W and F606W for the CANUCS clusters, perform a supernova search and explore extraordinary objects, including a galaxy similar to the host of supernova Refsdal and an intrinsically faint, low-mass confirmed $z > 7$ source. This proposal will provide an extremely valuable data set for the whole community, and we waive any proprietary rights for this proposal.

OBSERVING DESCRIPTION

This proposal will deliver uniform and essential data using ACS F435W and F606W for the JWST observations (JWST-GO1208) of two CANUCS clusters MACS0417 and MACS1423, perform a supernova search and explore extraordinary objects, including a galaxy similar to the host of supernova Refsdal and an intrinsically faint, low-mass confirmed $z > 7$ source.

Orient:

We would like to fix orient when JWST observations will be scheduled. Current orient is fixed at the best guess.

MACS1423 CANUCS: V3PA 257-265

HST NIC Prime: 77-85

HST NIS Prime: 260-268

MACS0417 CANUCS: V3PA 290

HST NC Prime: 110

HST NS Prime: 293 (+- 1 degree was added for better cadencing for SN searches).

In general we would want to fix the HST orients when we know the CANUCS orients to be

HST NIC Prime: CANUCS V3PA - 180

HST NIS Prime: CANUCS V3PA + 3

Filters and Exposure:

In parallel, the observations will partially overlap with the NIRISS and NIRSPEC parallels using WFC3-UVIS F438W and F606W filters for NIRISS parallel (where parallels are observed with NIRCAM) and WFC3-UVIS F606W and F814W filters for NIRSPEC parallels (where parallels are observed with NIRISS).

The primary field will be observed with
18 orbits ACS in F435W

Proposal 16667 (STScI Edit Number: 9, Created: Friday, November 4, 2022 at 7:00:58 AM Eastern Standard Time) - Overview
10 orbits ACS in F606W

Parallel field:

NIRISS prime (where parallels are observed with NIRCAM) 10 orbits F438W and 6 orbits in F606W

NIRCAM prime (where parallels are observed with NIRISS) 6 orbits F606W and 6 orbits in F814W

Timing:

The observations are cadenced throughout the cycle as observable windows allow.

Dither Pattern:

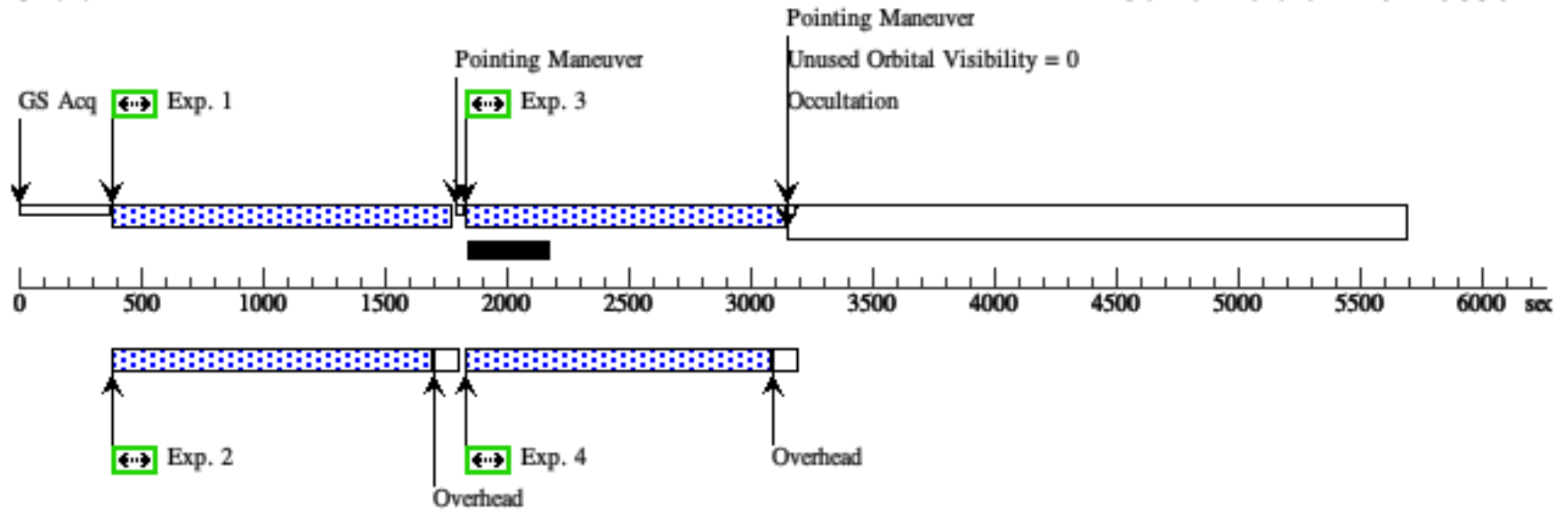
Large dither pattern to cover NIRCAM and NIRISS pointing in prime, partially cover NIRSPEC pointing as well.

Proposal 16667 - 01 MACS1423 NIRCAM Prime NIRISS Parallel (01) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 01 MACS1423 NIRCAM Prime NIRISS Parallel (01), completed								Fri Nov 04 12:00:59 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 77D TO 85 D; GROUP 01,02,03 WITHIN 60H									
	Comments: NIRCAM Prime NIRISS Parallel 2 orbits F435W in ACS 2 orbits F606W in WFC3 Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	MACSJ1423	RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000		V=29	Reference Frame: ICRS				
Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29,4; GS ACQ SCENARI O BASE1B3	Prime + Parallel Gro up 1-2 in 01 MACS1 423 NIRCAM Prime NIRISS Parallel (01)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	2		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			Prime + Parallel Gro up 1-2 in 01 MACS1 423 NIRCAM Prime NIRISS Parallel (01)	1250 Secs (1280 Secs) [==>1280.0 Secs]	[1]
	3		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29,39	Prime + Parallel Gro up 3-4 in 01 MACS1 423 NIRCAM Prime NIRISS Parallel (01)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	4		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Gro up 3-4 in 01 MACS1 423 NIRCAM Prime NIRISS Parallel (01)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 7,39	Prime + Parallel Gro up 5-6 in 01 MACS1 423 NIRCAM Prime NIRISS Parallel (01)	1200 Secs (1223 Secs) [==>1223.0 Secs]	[2]
	6		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Gro up 5-6 in 01 MACS1 423 NIRCAM Prime NIRISS Parallel (01)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 7,4	Prime + Parallel Gro up 7-8 in 01 MACS1 423 NIRCAM Prime NIRISS Parallel (01)	1200 Secs (1223 Secs) [==>1223.0 Secs]	[2]
	8		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Gro up 7-8 in 01 MACS1 423 NIRCAM Prime NIRISS Parallel (01)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

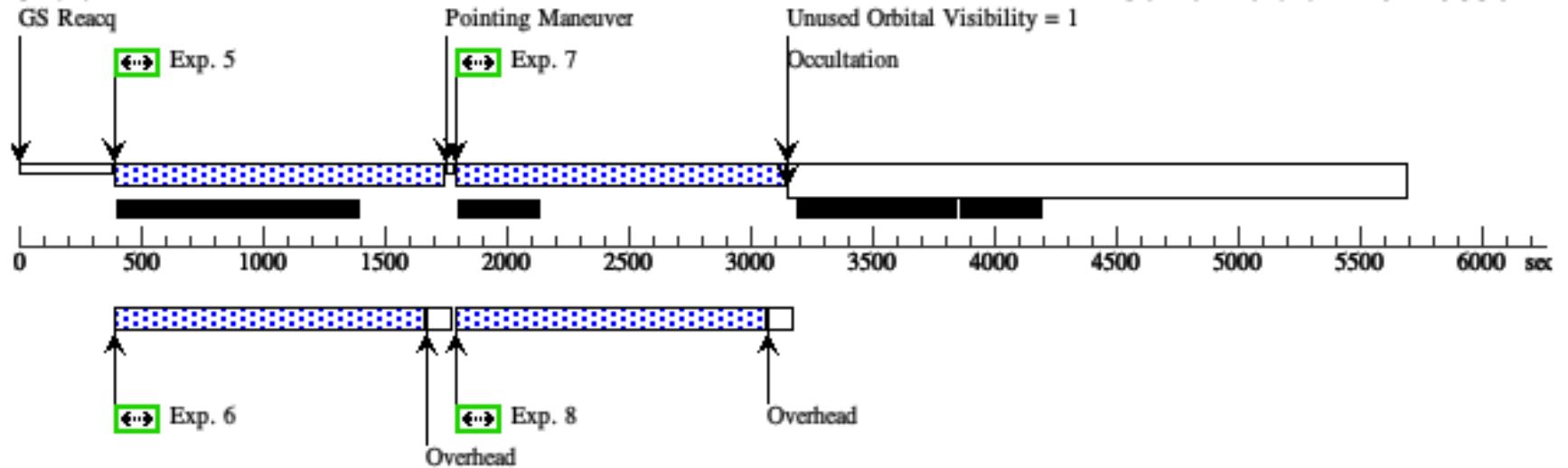
Orbit 1

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Orbit 2

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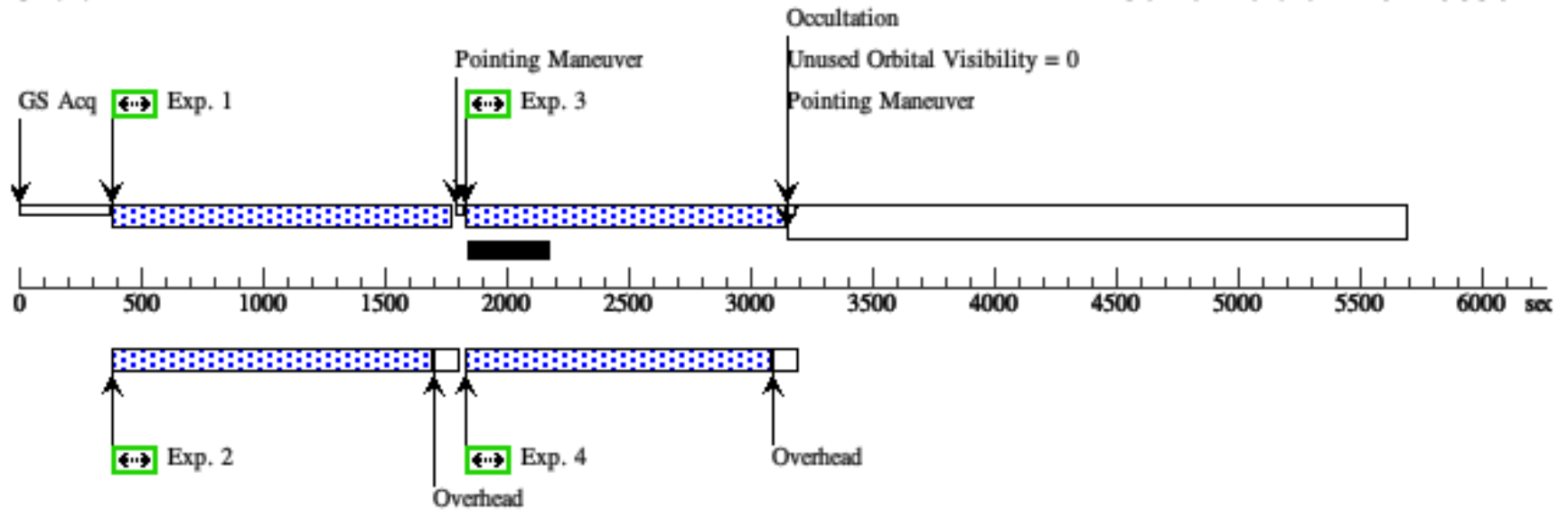


Proposal 16667 - 02 MACS1423 NIRCAM Prime NIRISS Parallel (02) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 02 MACS1423 NIRCAM Prime NIRISS Parallel (02), failed								Fri Nov 04 12:00:59 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 77D TO 85 D									
	Comments: NIRCAM Prime NIRISS Parallel 2 orbits F435W in ACS 2 orbits F606W in WFC3 Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	MACSJ1423	RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.79,6.53; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (02)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	2		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			Prime + Parallel Group 1-2 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (02)	1250 Secs (1280 Secs) [==>1280.0 Secs]	[1]
	3		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.79,4.53	Prime + Parallel Group 3-4 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (02)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	4		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 3-4 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (02)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 7.21,41.53	Prime + Parallel Group 5-6 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (02)	1200 Secs (1223 Secs) [==>1223.0 Secs]	[2]
	6		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 5-6 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (02)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 7.21,6.53	Prime + Parallel Group 7-8 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (02)	1200 Secs (1223 Secs) [==>1223.0 Secs]	[2]
	8		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 7-8 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (02)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

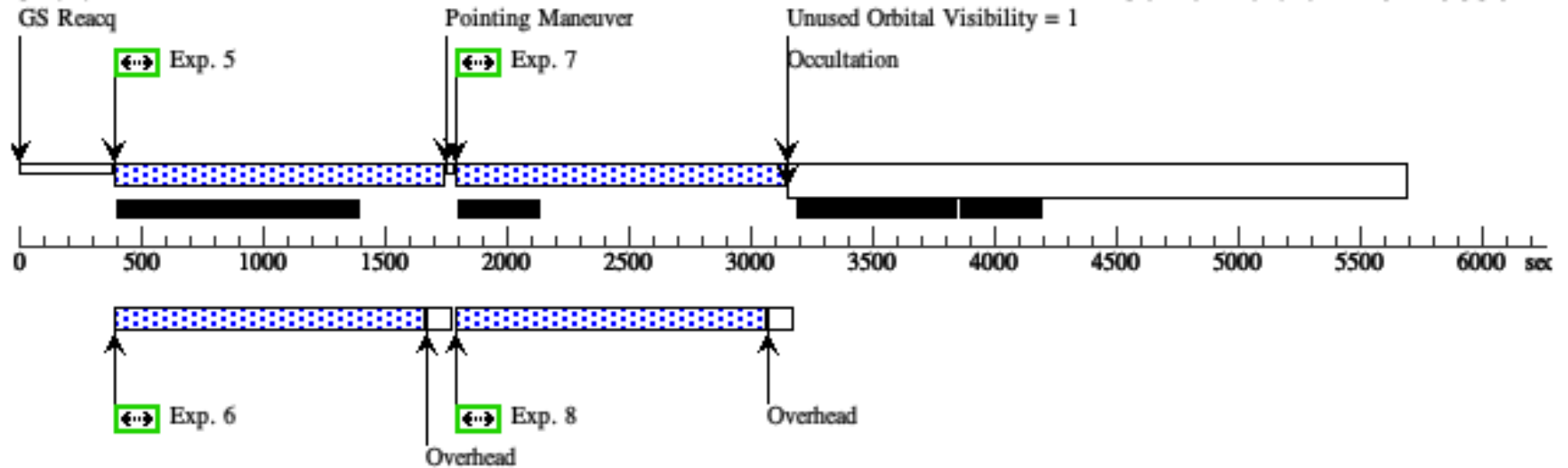
Orbit 1

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Orbit 2

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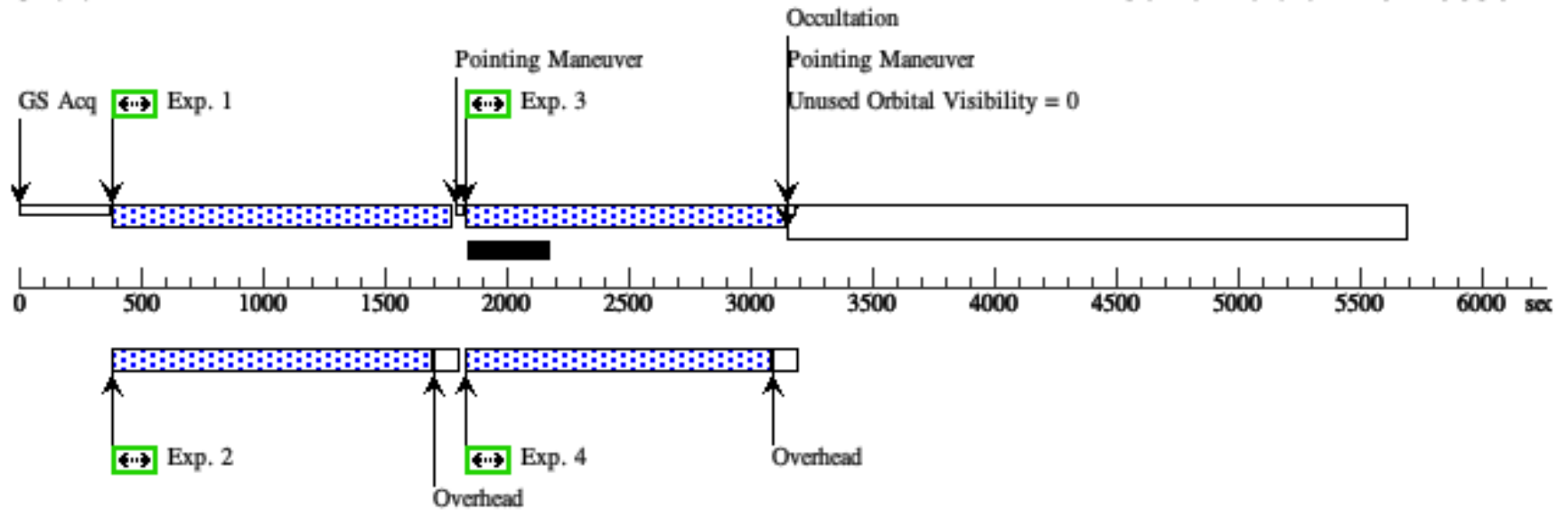


Proposal 16667 - 02 MACS1423 NIRCAM Prime NIRISS Parallel (52) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 02 MACS1423 NIRCAM Prime NIRISS Parallel (52)							Fri Nov 04 12:00:59 GMT 2022			
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS, ACS/WFC										
	Special Requirements: SCHED 30%; ORIENT 77D TO 85 D										
	Comments: NIRCAM Prime NIRISS Parallel 2 orbits F435W in ACS 2 orbits F606W in WFC3 Parallel HOPR repeat of visit 02.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	MACSJ1423	RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000				V=29	Reference Frame: ICRS			
Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.79,6.53; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group up 1-2 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (52)	1200 Secs (1187 Secs) [==>1187.0 Secs]		[1]
	2		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			Prime + Parallel Group up 1-2 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (52)	1250 Secs (1280 Secs) [==>1280.0 Secs]		[1]
	3		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.79,4.153	Prime + Parallel Group up 3-4 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (52)	1200 Secs (1187 Secs) [==>1187.0 Secs]		[1]
	4		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group up 3-4 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (52)	1250 Secs (1250 Secs) [==>1250.0 Secs]		[1]
	5		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 7.21,41.53	Prime + Parallel Group up 5-6 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (52)	1200 Secs (1223 Secs) [==>1223.0 Secs]		[2]
	6		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group up 5-6 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (52)	1250 Secs (1270 Secs) [==>1270.0 Secs]		[2]
	7		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 7.21,6.53	Prime + Parallel Group up 7-8 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (52)	1200 Secs (1223 Secs) [==>1223.0 Secs]		[2]
	8		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group up 7-8 in 02 MACS1423 NIRCAM Prime NIRISS Parallel (52)	1250 Secs (1270 Secs) [==>1270.0 Secs]		[2]

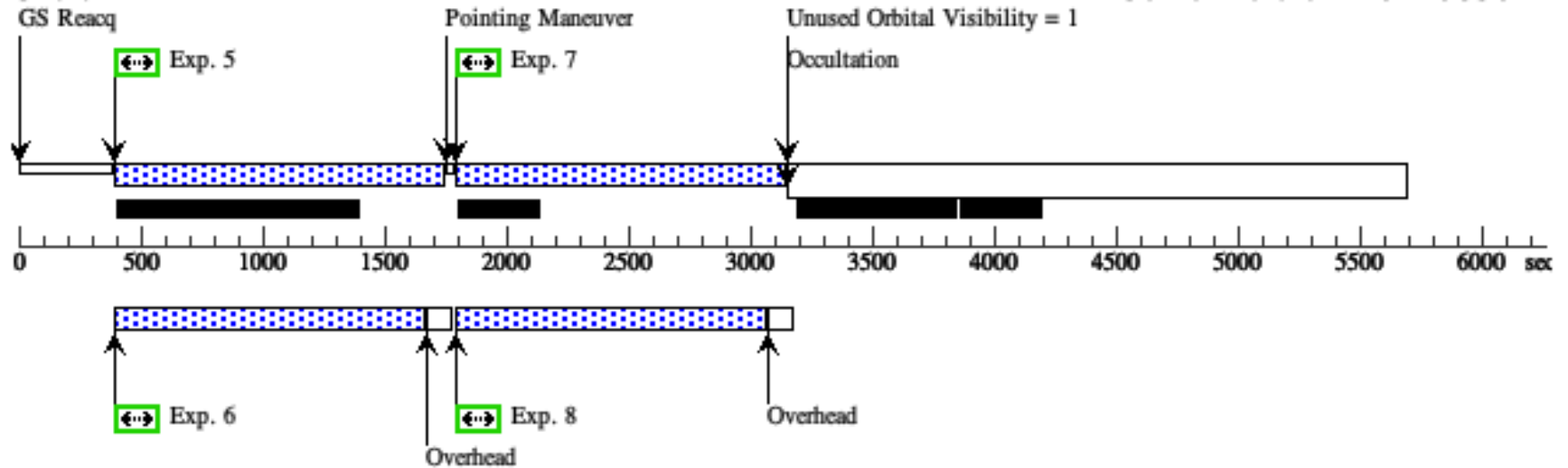
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

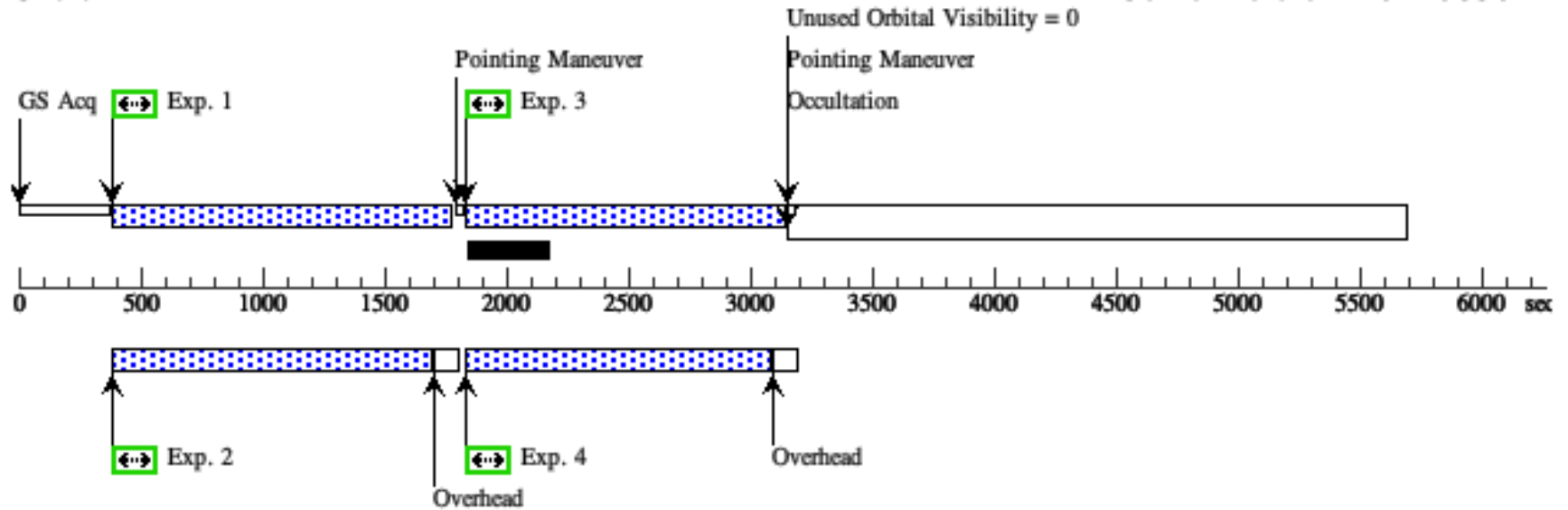


Proposal 16667 - 03 MACS1423 NIRCAM Prime NIRISS Parallel (03) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 03 MACS1423 NIRCAM Prime NIRISS Parallel (03), completed									Fri Nov 04 12:00:59 GMT 2022		
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS, ACS/WFC											
	Special Requirements: SCHED 30%; ORIENT 77D TO 85 D											
	Comments: NIRCAM Prime NIRISS Parallel 2 orbits F435W in ACS 2 orbits F606W in WFC3 Parallel											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	MACSJ1423	RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000				V=29		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.18,1.56; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 03 MACS1423 NIRCAM Prime NIRISS Parallel (03)	1200 Secs (1187 Secs) [==>1187.0 Secs]		[1]	
	2		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			Prime + Parallel Group 1-2 in 03 MACS1423 NIRCAM Prime NIRISS Parallel (03)	1250 Secs (1280 Secs) [==>1280.0 Secs]		[1]	
	3		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.18,3.6.56	Prime + Parallel Group 3-4 in 03 MACS1423 NIRCAM Prime NIRISS Parallel (03)	1200 Secs (1187 Secs) [==>1187.0 Secs]		[1]	
	4		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 3-4 in 03 MACS1423 NIRCAM Prime NIRISS Parallel (03)	1250 Secs (1250 Secs) [==>1250.0 Secs]		[1]	
	5		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 6.82,36.56	Prime + Parallel Group 5-6 in 03 MACS1423 NIRCAM Prime NIRISS Parallel (03)	1200 Secs (1223 Secs) [==>1223.0 Secs]		[2]	
	6		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 5-6 in 03 MACS1423 NIRCAM Prime NIRISS Parallel (03)	1250 Secs (1270 Secs) [==>1270.0 Secs]		[2]	
	7		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 6.82,1.56	Prime + Parallel Group 7-8 in 03 MACS1423 NIRCAM Prime NIRISS Parallel (03)	1200 Secs (1223 Secs) [==>1223.0 Secs]		[2]	
	8		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 7-8 in 03 MACS1423 NIRCAM Prime NIRISS Parallel (03)	1250 Secs (1270 Secs) [==>1270.0 Secs]		[2]	

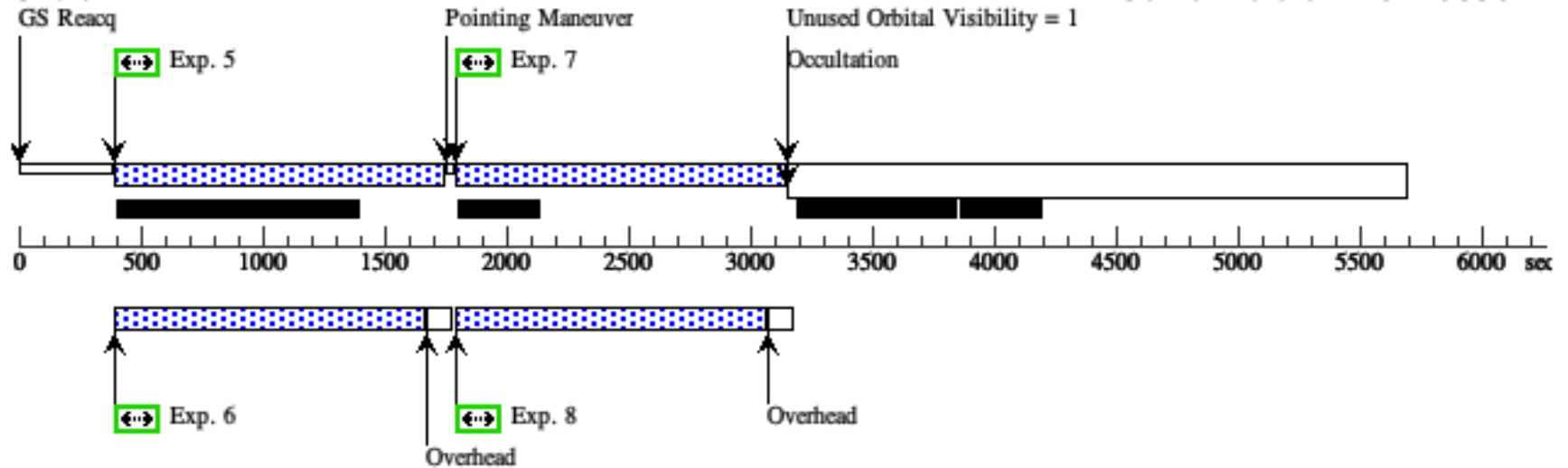
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

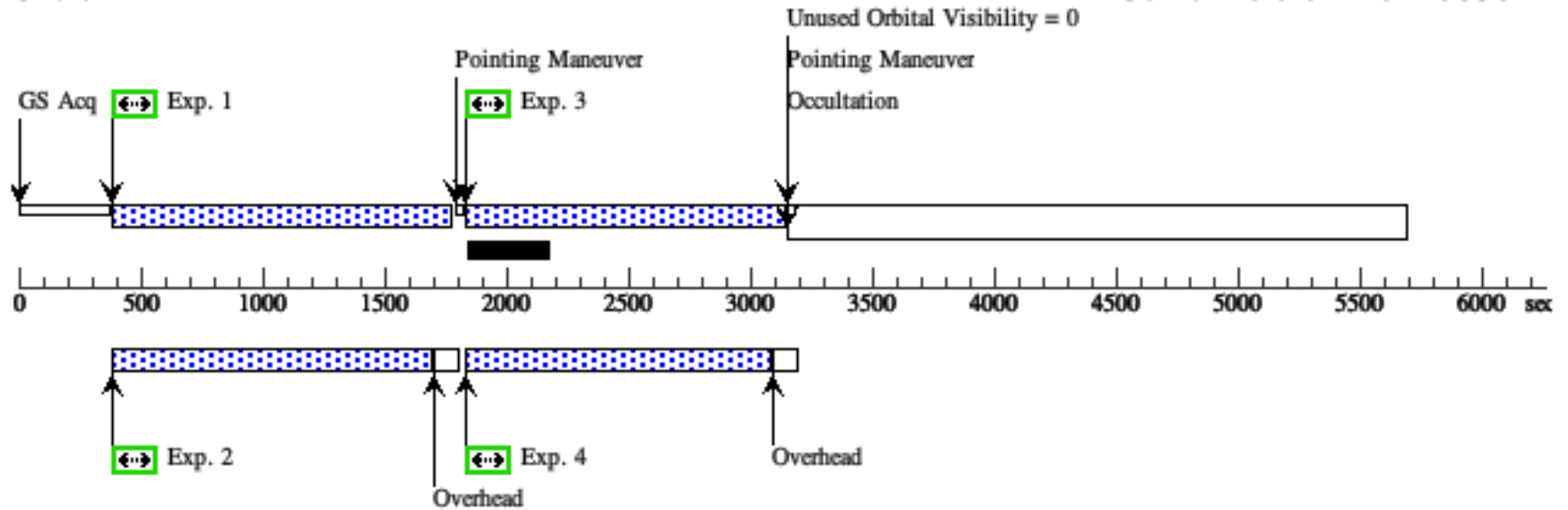


Proposal 16667 - 04 MACS1423 NIRCAM Prime NIRISS Parallel (04) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 04 MACS1423 NIRCAM Prime NIRISS Parallel (04), completed										Fri Nov 04 12:00:59 GMT 2022	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS, ACS/WFC											
	Special Requirements: SCHED 30%; ORIENT 77D TO 85 D; AFTER 01 BY 4 D TO 6 D; GROUP 04,05,06 WITHIN 60H											
	Comments: NIRCAM Prime NIRISS Parallel 2 orbits F435W in ACS 2 orbits F814W in WFC3 Parallel											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes			Miscellaneous		
	(1)	MACSJ1423	RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000				V=29			Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.47,2.84; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 04 MACS1423 NIRCAM Prime NIRISS Parallel (04)	1200 Secs (1187 Secs) [==>1187.0 Secs]		[1]	
	2		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-2 in 04 MACS1423 NIRCAM Prime NIRISS Parallel (04)	1250 Secs (1280 Secs) [==>1280.0 Secs]		[1]	
	3		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.47,3.784	Prime + Parallel Group 3-4 in 04 MACS1423 NIRCAM Prime NIRISS Parallel (04)	1200 Secs (1187 Secs) [==>1187.0 Secs]		[1]	
	4		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 3-4 in 04 MACS1423 NIRCAM Prime NIRISS Parallel (04)	1250 Secs (1250 Secs) [==>1250.0 Secs]		[1]	
	5		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 6.53,37.84	Prime + Parallel Group 5-6 in 04 MACS1423 NIRCAM Prime NIRISS Parallel (04)	1200 Secs (1223 Secs) [==>1223.0 Secs]		[2]	
	6		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 5-6 in 04 MACS1423 NIRCAM Prime NIRISS Parallel (04)	1250 Secs (1270 Secs) [==>1270.0 Secs]		[2]	
	7		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 6.53,2.84	Prime + Parallel Group 7-8 in 04 MACS1423 NIRCAM Prime NIRISS Parallel (04)	1200 Secs (1223 Secs) [==>1223.0 Secs]		[2]	
	8		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 7-8 in 04 MACS1423 NIRCAM Prime NIRISS Parallel (04)	1250 Secs (1270 Secs) [==>1270.0 Secs]		[2]	

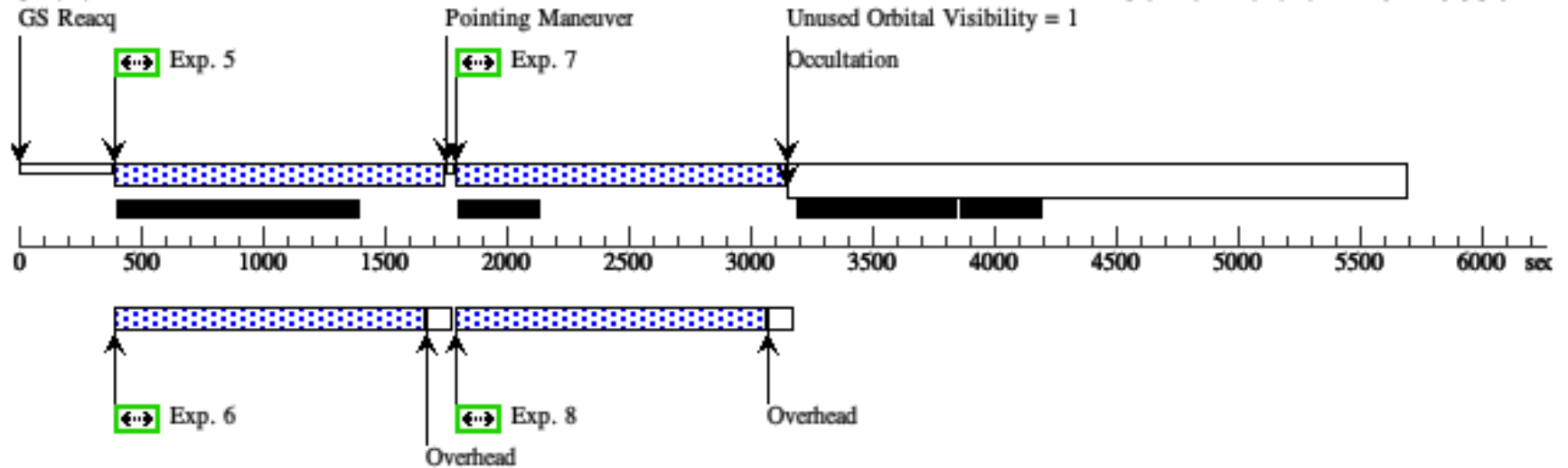
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

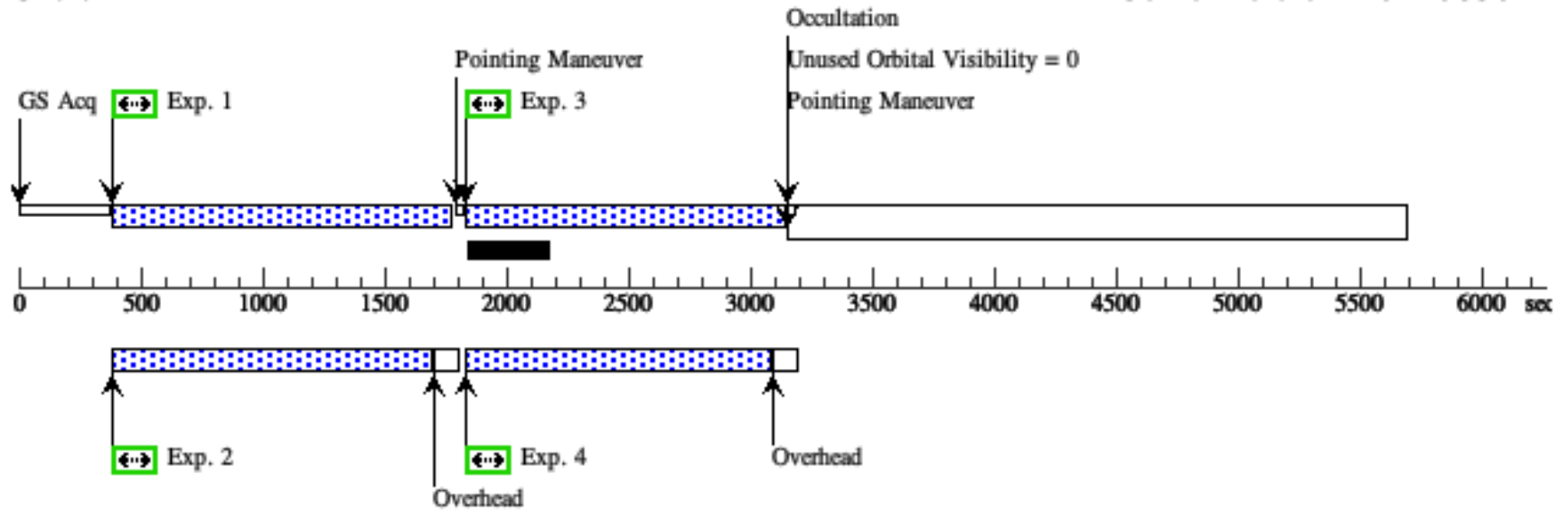


Proposal 16667 - 05 MACS1423 NIRCAM Prime NIRISS Parallel (05) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 05 MACS1423 NIRCAM Prime NIRISS Parallel (05), completed								Fri Nov 04 12:00:59 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 77D TO 85 D									
Comments: NIRCAM Prime NIRISS Parallel										
2 orbits F606W in ACS										
2 orbits F814W in WFC3 Parallel										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	MACSJ1423	RA: 14 23 47.7800 (215.9490833d)			V=29		Reference Frame: ICRS		
			Dec: +24 04 39.72 (24.07770d)							
			Equinox: J2000							
Comments:										
Category=CLUSTER OF GALAXIES										
Description=[GRAVITATIONAL LENS, RICH CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -29.26,5.37; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 05 MACS1423 NIRCAM Prime NIRISS Parallel (05)	1200 Secs (1187 Secs)	
									[==>1187.0 Secs]	[1]
	2		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-2 in 05 MACS1423 NIRCAM Prime NIRISS Parallel (05)	1250 Secs (1280 Secs)	
									[==>1280.0 Secs]	[1]
	3		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -29.26,4.0.37	Prime + Parallel Group 3-4 in 05 MACS1423 NIRCAM Prime NIRISS Parallel (05)	1200 Secs (1187 Secs)	
									[==>1187.0 Secs]	[1]
	4		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 3-4 in 05 MACS1423 NIRCAM Prime NIRISS Parallel (05)	1250 Secs (1250 Secs)	
									[==>1250.0 Secs]	[1]
	5		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 6.74,40.37	Prime + Parallel Group 5-6 in 05 MACS1423 NIRCAM Prime NIRISS Parallel (05)	1200 Secs (1223 Secs)	
									[==>1223.0 Secs]	[2]
	6		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 5-6 in 05 MACS1423 NIRCAM Prime NIRISS Parallel (05)	1250 Secs (1270 Secs)	
								[==>1270.0 Secs]	[2]	
7		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 6.74,5.37	Prime + Parallel Group 7-8 in 05 MACS1423 NIRCAM Prime NIRISS Parallel (05)	1200 Secs (1223 Secs)		
								[==>1223.0 Secs]	[2]	
8		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 7-8 in 05 MACS1423 NIRCAM Prime NIRISS Parallel (05)	1250 Secs (1270 Secs)		
								[==>1270.0 Secs]	[2]	

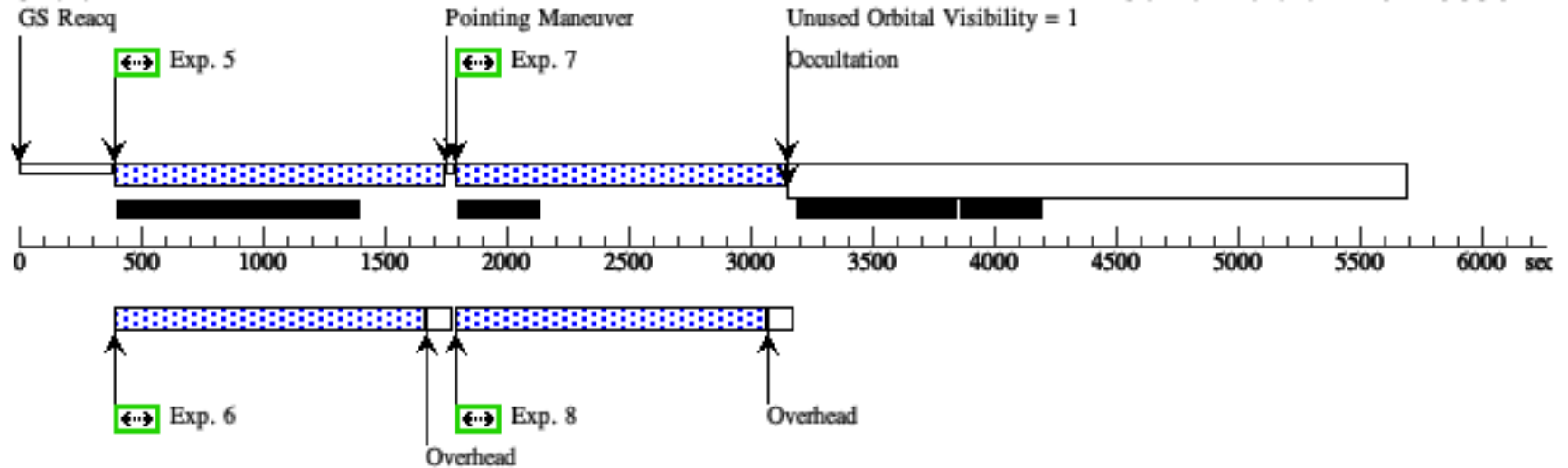
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

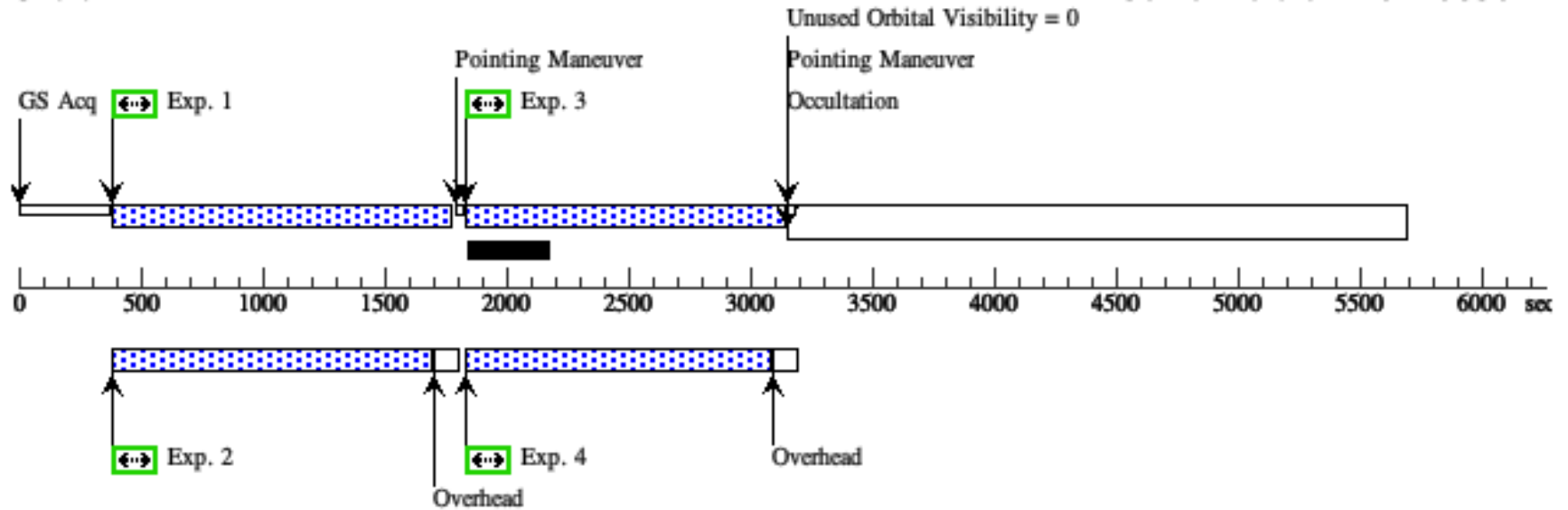


Proposal 16667 - 06 MACS1423 NIRCAM Prime NIRISS Parallel (06) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 06 MACS1423 NIRCAM Prime NIRISS Parallel (06), completed								Fri Nov 04 12:00:59 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 77D TO 85 D									
Comments: NIRCAM Prime NIRISS Parallel										
2 orbits F606W in ACS										
2 orbits F814W in WFC3 Parallel										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	MACSJ1423	RA: 14 23 47.7800 (215.9490833d)			V=29		Reference Frame: ICRS		
			Dec: +24 04 39.72 (24.07770d)							
			Equinox: J2000							
Comments:										
Category=CLUSTER OF GALAXIES										
Description=[GRAVITATIONAL LENS, RICH CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -29.65,0.4; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 06 MACS1423 NIRCAM Prime NIRISS Parallel (06)	1200 Secs (1187 Secs)	
									[==>1187.0 Secs]	[1]
	2		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-2 in 06 MACS1423 NIRCAM Prime NIRISS Parallel (06)	1250 Secs (1280 Secs)	
									[==>1280.0 Secs]	[1]
	3		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -29.65,35.4	Prime + Parallel Group 3-4 in 06 MACS1423 NIRCAM Prime NIRISS Parallel (06)	1200 Secs (1187 Secs)	
									[==>1187.0 Secs]	[1]
	4		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 3-4 in 06 MACS1423 NIRCAM Prime NIRISS Parallel (06)	1250 Secs (1250 Secs)	
									[==>1250.0 Secs]	[1]
	5		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 6.35,35.4	Prime + Parallel Group 5-6 in 06 MACS1423 NIRCAM Prime NIRISS Parallel (06)	1200 Secs (1223 Secs)	
									[==>1223.0 Secs]	[2]
	6		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 5-6 in 06 MACS1423 NIRCAM Prime NIRISS Parallel (06)	1250 Secs (1270 Secs)	
								[==>1270.0 Secs]	[2]	
7		(1) MACSJ1423	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 6.35,0.4	Prime + Parallel Group 7-8 in 06 MACS1423 NIRCAM Prime NIRISS Parallel (06)	1200 Secs (1223 Secs)		
								[==>1223.0 Secs]	[2]	
8		(1) MACSJ1423	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 7-8 in 06 MACS1423 NIRCAM Prime NIRISS Parallel (06)	1250 Secs (1270 Secs)		
								[==>1270.0 Secs]	[2]	

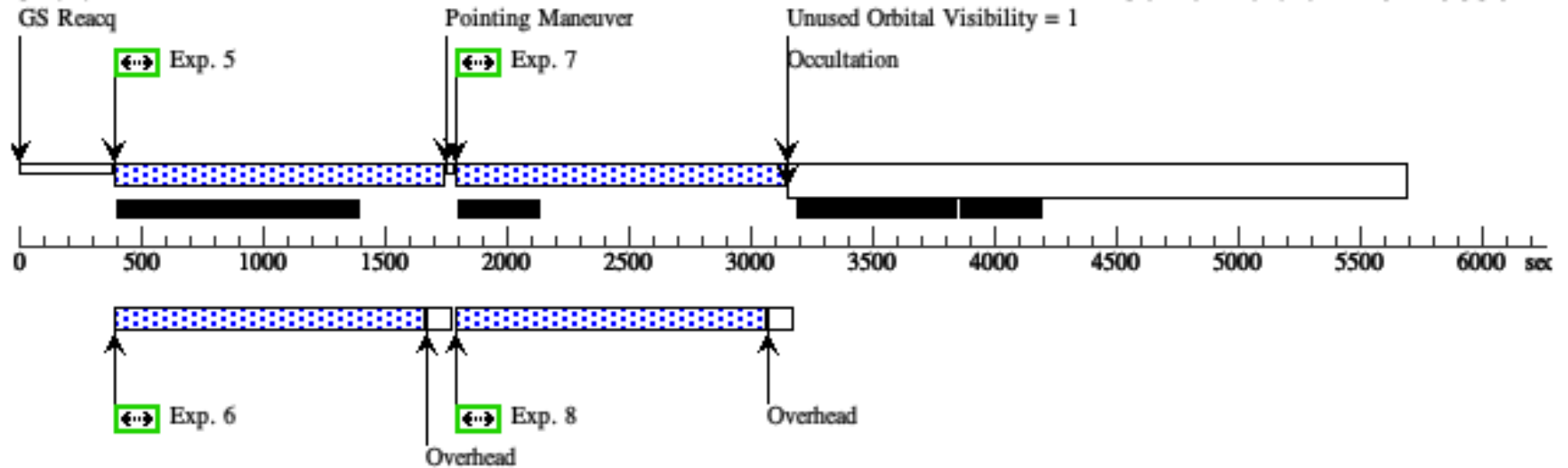
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

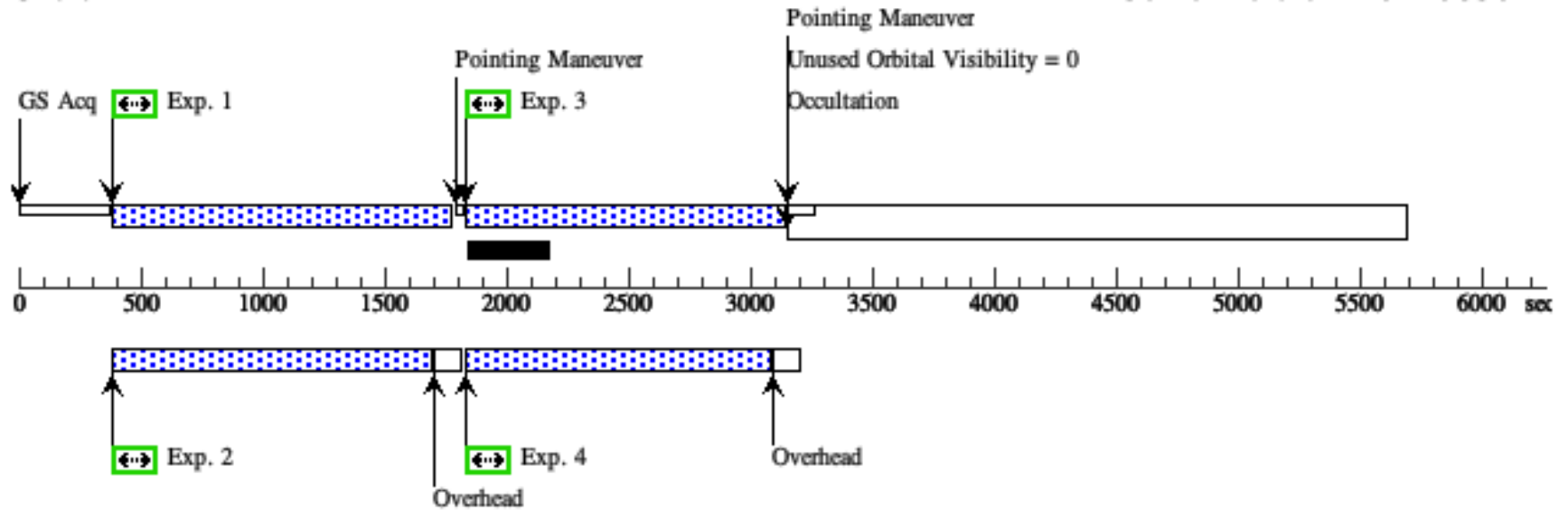


Proposal 16667 - 07 MACS1423 NIRISS Prime NIRCAM Parallel (07) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 07 MACS1423 NIRISS Prime NIRCAM Parallel (07), completed								Fri Nov 04 12:00:59 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 260D TO 268 D									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F435W in prime 2 orbits F438W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	MACSJ1423-2	RA: 14 23 46.9800 (215.9457500d) Dec: +24 04 49.72 (24.08048d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Copy of Target 01 to be used with visits 07 - 14. RA and Dec have been tweaked to allow visits 07 - 14 to pick up GS pairs using an orient of 260 - 268. Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29,3,4; GS ACQ SCENARI O BASE1B3	Prime + Parallel Gro up 1-2 in 07 MACS1 423 NIRISS Prime N IRCAM Parallel (07)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	2		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=10		Prime + Parallel Gro up 1-2 in 07 MACS1 423 NIRISS Prime N IRCAM Parallel (07)	1250 Secs (1280 Secs) [==>1280.0 Secs]	[1]
	3		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29,38,4	Prime + Parallel Gro up 3-4 in 07 MACS1 423 NIRISS Prime N IRCAM Parallel (07)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	4		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Gro up 3-4 in 07 MACS1 423 NIRISS Prime N IRCAM Parallel (07)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 31,38,4; NEW OBSET FULL ACQ; GS ACQ SCENARI O BASE1B3	Prime + Parallel Gro up 5-6 in 07 MACS1 423 NIRISS Prime N IRCAM Parallel (07)	1200 Secs (1182 Secs) [==>1182.0 Secs]	[2]
	6		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Gro up 5-6 in 07 MACS1 423 NIRISS Prime N IRCAM Parallel (07)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 31,3,4	Prime + Parallel Gro up 7-8 in 07 MACS1 423 NIRISS Prime N IRCAM Parallel (07)	1200 Secs (1182 Secs) [==>1182.0 Secs]	[2]
	8		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Gro up 7-8 in 07 MACS1 423 NIRISS Prime N IRCAM Parallel (07)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

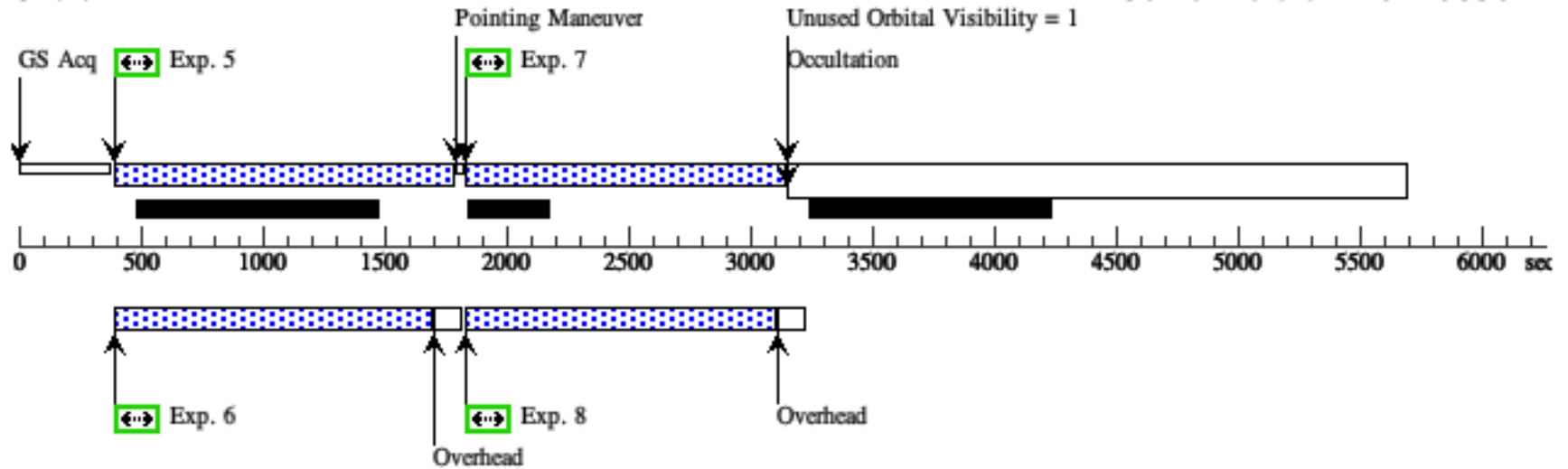
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

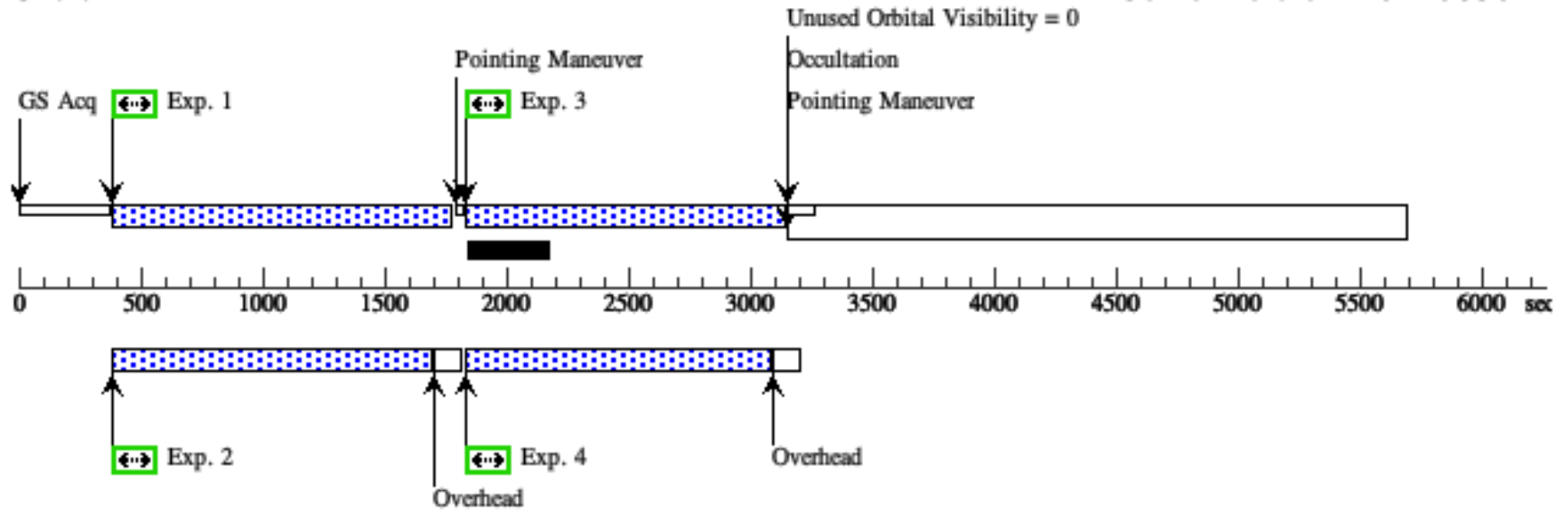


Proposal 16667 - 08 MACS1423 NIRISS Prime NIRCAM Parallel (08) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 08 MACS1423 NIRISS Prime NIRCAM Parallel (08), completed								Fri Nov 04 12:00:59 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 260D TO 268 D; AFTER 07 BY 1 D TO 2 D									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F435W in prime 2 orbits F438W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	MACSJ1423-2	RA: 14 23 46.9800 (215.9457500d) Dec: +24 04 49.72 (24.08048d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Copy of Target 01 to be used with visits 07 - 14. RA and Dec have been tweaked to allow visits 07 - 14 to pick up GS pairs using an orient of 260 - 268. Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.89,5.93; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 08 MACS1423 NIRISS Prime NIRCAM Parallel (08)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	2		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=10		Prime + Parallel Group 1-2 in 08 MACS1423 NIRISS Prime NIRCAM Parallel (08)	1250 Secs (1280 Secs) [==>1280.0 Secs]	[1]
	3		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.89,4.93	Prime + Parallel Group 3-4 in 08 MACS1423 NIRISS Prime NIRCAM Parallel (08)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	4		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 3-4 in 08 MACS1423 NIRISS Prime NIRCAM Parallel (08)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 31.11,40.93; NEW OBSET FULL ACQ; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 5-6 in 08 MACS1423 NIRISS Prime NIRCAM Parallel (08)	1200 Secs (1182 Secs) [==>1182 Secs]	[2]
	6		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 5-6 in 08 MACS1423 NIRISS Prime NIRCAM Parallel (08)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 31.11,5.93	Prime + Parallel Group 7-8 in 08 MACS1423 NIRISS Prime NIRCAM Parallel (08)	1200 Secs (1182 Secs) [==>1182 Secs]	[2]
	8		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 7-8 in 08 MACS1423 NIRISS Prime NIRCAM Parallel (08)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

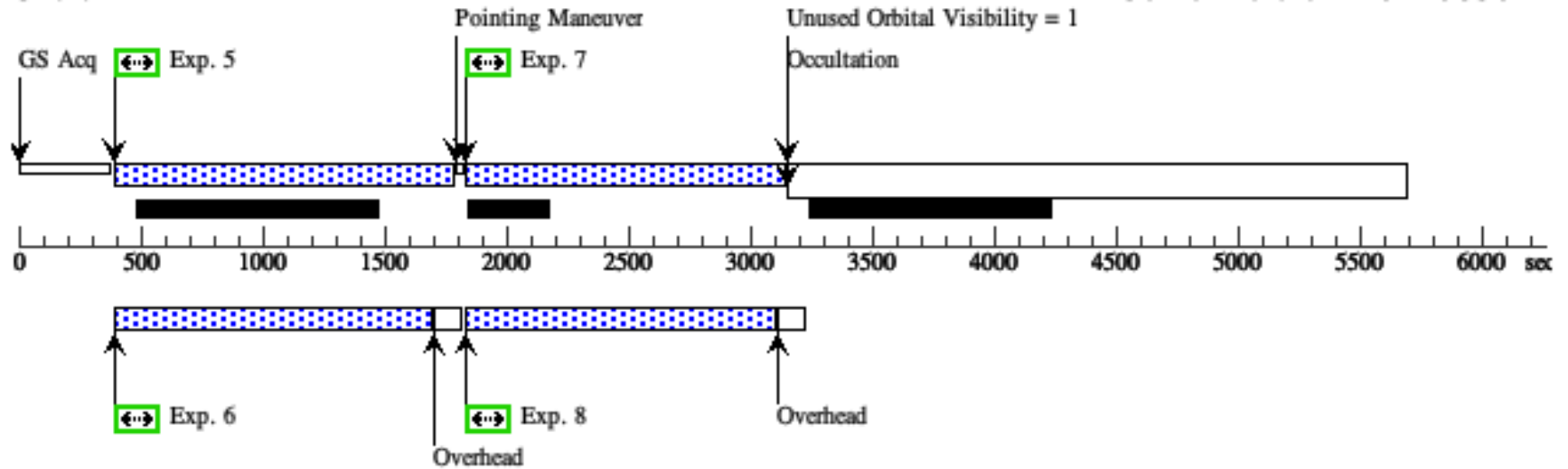
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

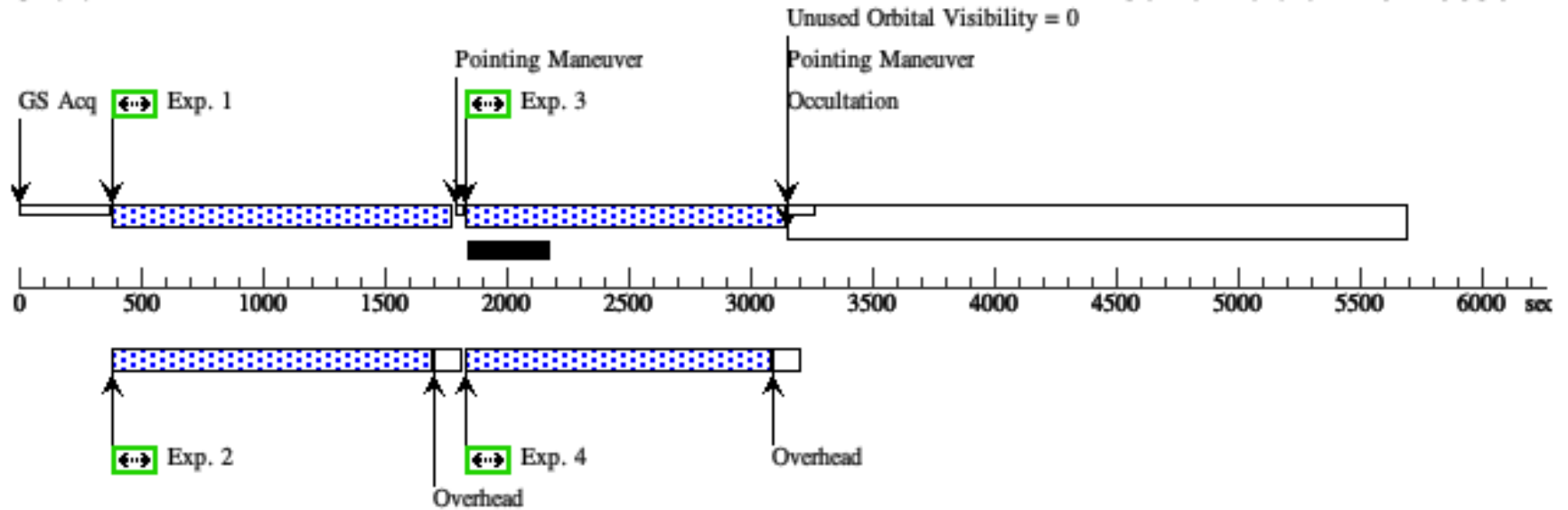


Proposal 16667 - 09 MACS1423 NIRISS Prime NIRCAM Parallel (09) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 09 MACS1423 NIRISS Prime NIRCAM Parallel (09), completed								Fri Nov 04 12:00:59 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 260D TO 268 D; AFTER 07 BY 2 D TO 3 D									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F435W in prime 2 orbits F438W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	MACSJ1423-2	RA: 14 23 46.9800 (215.9457500d) Dec: +24 04 49.72 (24.08048d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Copy of Target 01 to be used with visits 07 - 14. RA and Dec have been tweaked to allow visits 07 - 14 to pick up GS pairs using an orient of 260 - 268. Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.08,0.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 09 MACS1423 NIRISS Prime NIRCAM Parallel (09)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	2		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=10		Prime + Parallel Group 1-2 in 09 MACS1423 NIRISS Prime NIRCAM Parallel (09)	1250 Secs (1280 Secs) [==>1280.0 Secs]	[1]
	3		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.08,35.96	Prime + Parallel Group 3-4 in 09 MACS1423 NIRISS Prime NIRCAM Parallel (09)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	4		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 3-4 in 09 MACS1423 NIRISS Prime NIRCAM Parallel (09)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 30.92,35.96; NEW OBSET FULL ACQ; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 5-6 in 09 MACS1423 NIRISS Prime NIRCAM Parallel (09)	1200 Secs (1182 Secs) [==>1182 Secs]	[2]
	6		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 5-6 in 09 MACS1423 NIRISS Prime NIRCAM Parallel (09)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 30.92,0.96	Prime + Parallel Group 7-8 in 09 MACS1423 NIRISS Prime NIRCAM Parallel (09)	1200 Secs (1182 Secs) [==>1182 Secs]	[2]
	8		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 7-8 in 09 MACS1423 NIRISS Prime NIRCAM Parallel (09)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

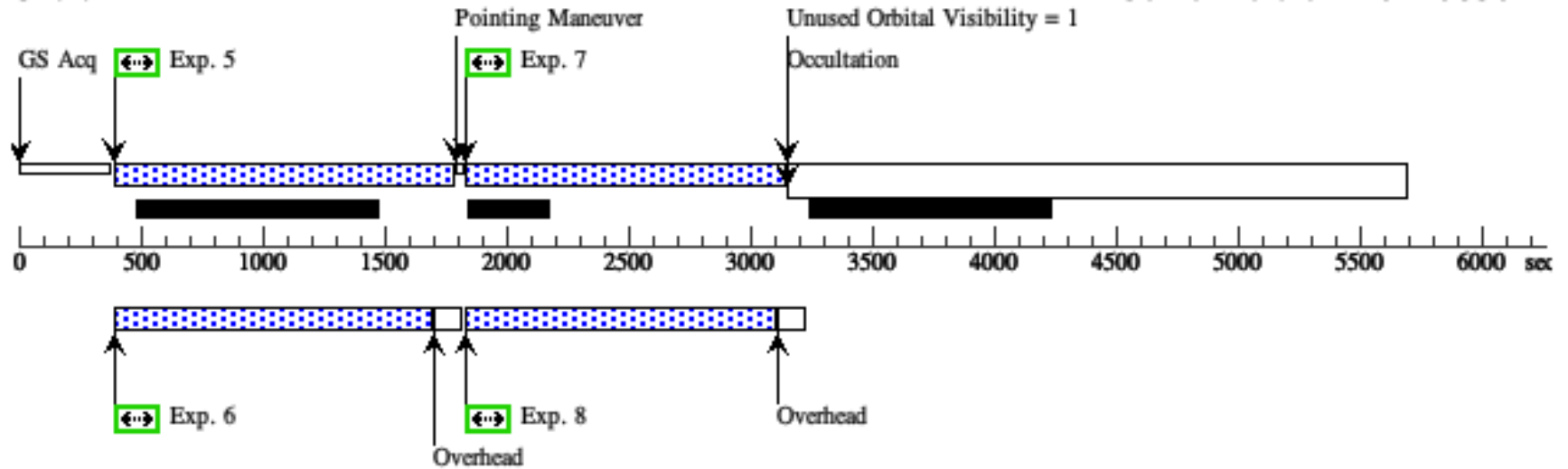
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

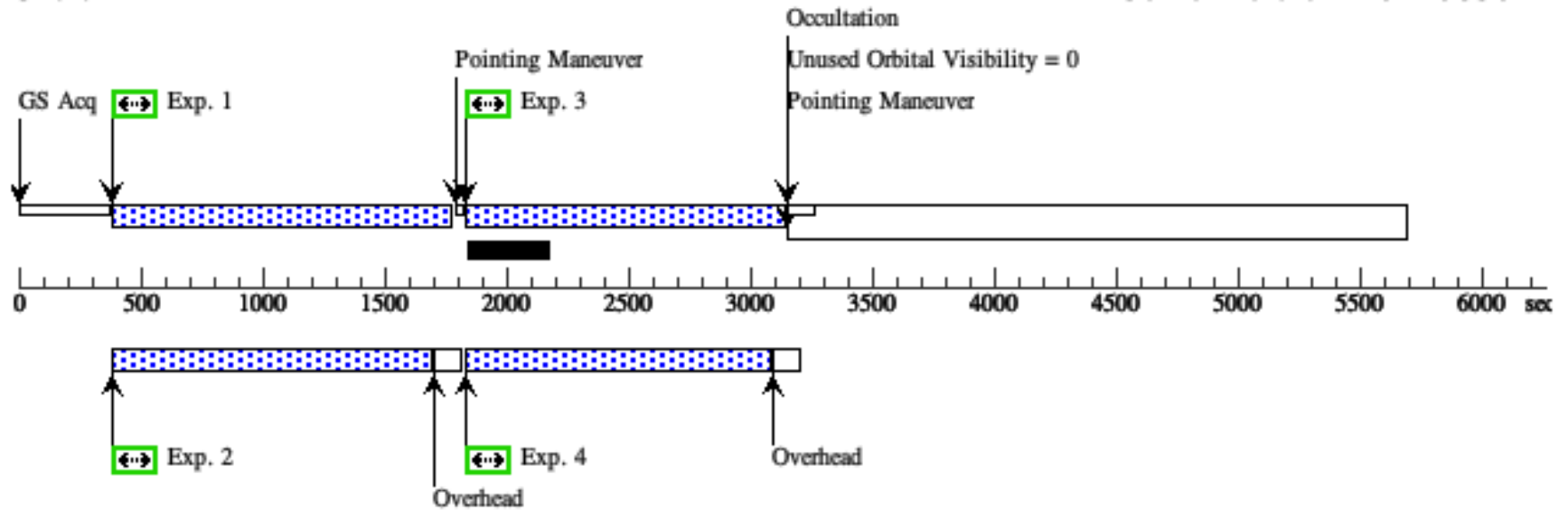


Proposal 16667 - 10 MACS1423 NIRISS Prime NIRCAM Parallel (10) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 10 MACS1423 NIRISS Prime NIRCAM Parallel (10), completed								Fri Nov 04 12:00:59 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 260D TO 268 D; AFTER 07 BY 3 D TO 4 D									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F435W in prime 2 orbits F438W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	MACSJ1423-2	RA: 14 23 46.9800 (215.9457500d) Dec: +24 04 49.72 (24.08048d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Copy of Target 01 to be used with visits 07 - 14. RA and Dec have been tweaked to allow visits 07 - 14 to pick up GS pairs using an orient of 260 - 268. Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.27,2 .49; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 10 MACS1423 NIRISS Prime NIRCAM Parallel (10)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	2		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=10		Prime + Parallel Group 1-2 in 10 MACS1423 NIRISS Prime NIRCAM Parallel (10)	1250 Secs (1280 Secs) [==>1280.0 Secs]	[1]
	3		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.27,3 7.49	Prime + Parallel Group 3-4 in 10 MACS1423 NIRISS Prime NIRCAM Parallel (10)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	4		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 3-4 in 10 MACS1423 NIRISS Prime NIRCAM Parallel (10)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 30.73,37 .49; NEW OBSET FULL ACQ; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 5-6 in 10 MACS1423 NIRISS Prime NIRCAM Parallel (10)	1200 Secs (1182 Secs) [==>1182 Secs]	[2]
	6		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 5-6 in 10 MACS1423 NIRISS Prime NIRCAM Parallel (10)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 30.73,2. 49	Prime + Parallel Group 7-8 in 10 MACS1423 NIRISS Prime NIRCAM Parallel (10)	1200 Secs (1182 Secs) [==>1182 Secs]	[2]
	8		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 7-8 in 10 MACS1423 NIRISS Prime NIRCAM Parallel (10)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

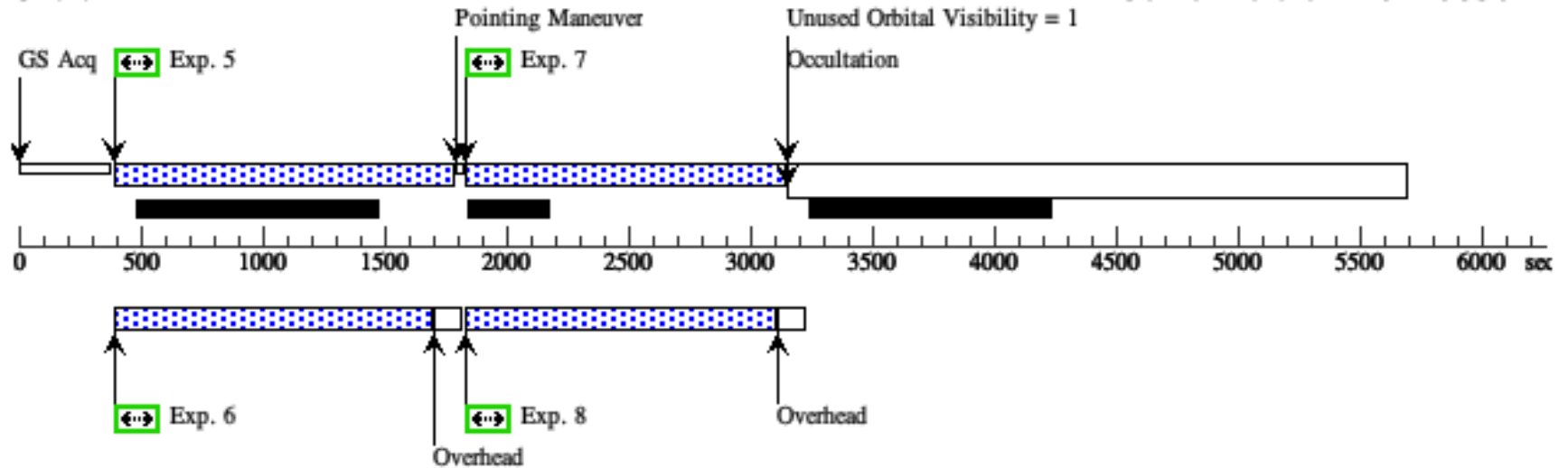
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

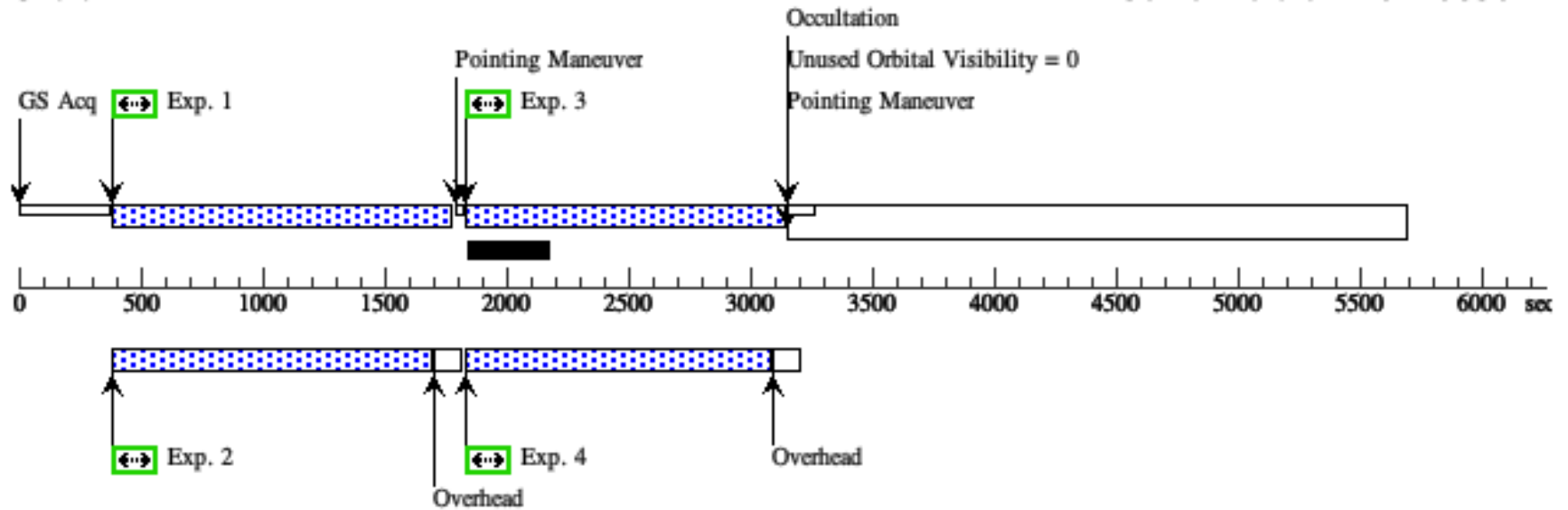


Proposal 16667 - 11 MACS1423 NIRISS Prime NIRCAM Parallel (11) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 11 MACS1423 NIRISS Prime NIRCAM Parallel (11), completed								Fri Nov 04 12:00:59 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 260D TO 268 D; AFTER 07 BY 4 D TO 5 D									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F435W in prime 2 orbits F438W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	MACSJ1423-2	RA: 14 23 46.9800 (215.9457500d) Dec: +24 04 49.72 (24.08048d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Copy of Target 01 to be used with visits 07 - 14. RA and Dec have been tweaked to allow visits 07 - 14 to pick up GS pairs using an orient of 260 - 268. Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.66,5.02; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 11 MACS1423 NIRISS Prime NIRCAM Parallel (11)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	2		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=10		Prime + Parallel Group 1-2 in 11 MACS1423 NIRISS Prime NIRCAM Parallel (11)	1250 Secs (1280 Secs) [==>1280.0 Secs]	[1]
	3		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.66,4.02	Prime + Parallel Group 3-4 in 11 MACS1423 NIRISS Prime NIRCAM Parallel (11)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	4		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 3-4 in 11 MACS1423 NIRISS Prime NIRCAM Parallel (11)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 31.34,40.02; NEW OBSET FULL ACQ; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 5-6 in 11 MACS1423 NIRISS Prime NIRCAM Parallel (11)	1200 Secs (1182 Secs) [==>1182 Secs]	[2]
	6		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 5-6 in 11 MACS1423 NIRISS Prime NIRCAM Parallel (11)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 31.34,5.02	Prime + Parallel Group 7-8 in 11 MACS1423 NIRISS Prime NIRCAM Parallel (11)	1200 Secs (1182 Secs) [==>1182 Secs]	[2]
	8		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 7-8 in 11 MACS1423 NIRISS Prime NIRCAM Parallel (11)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

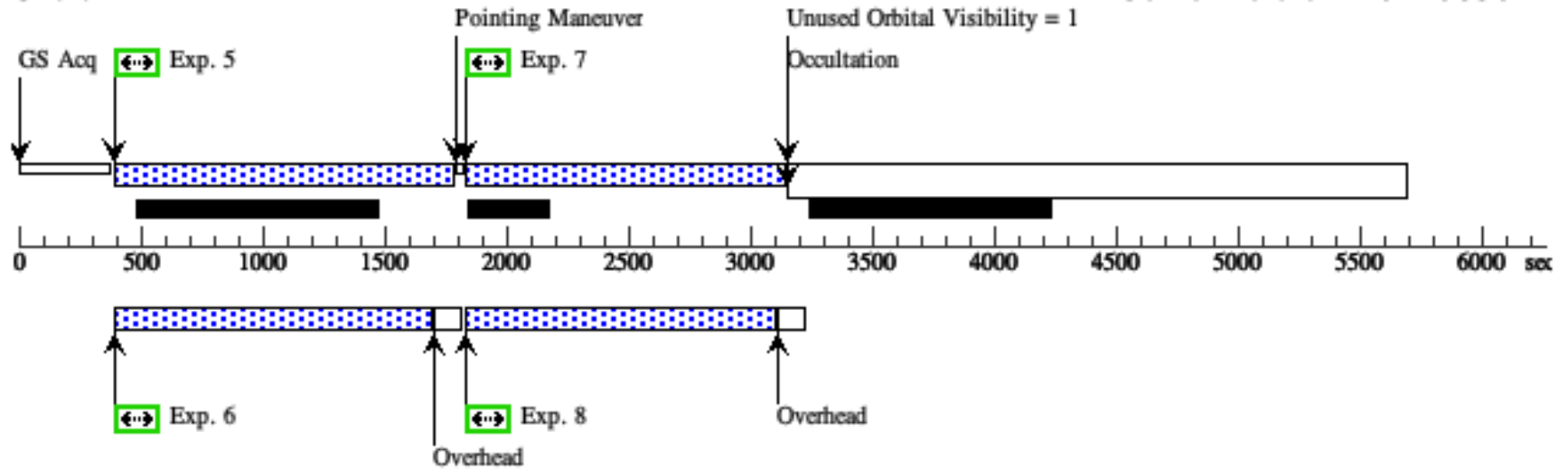
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

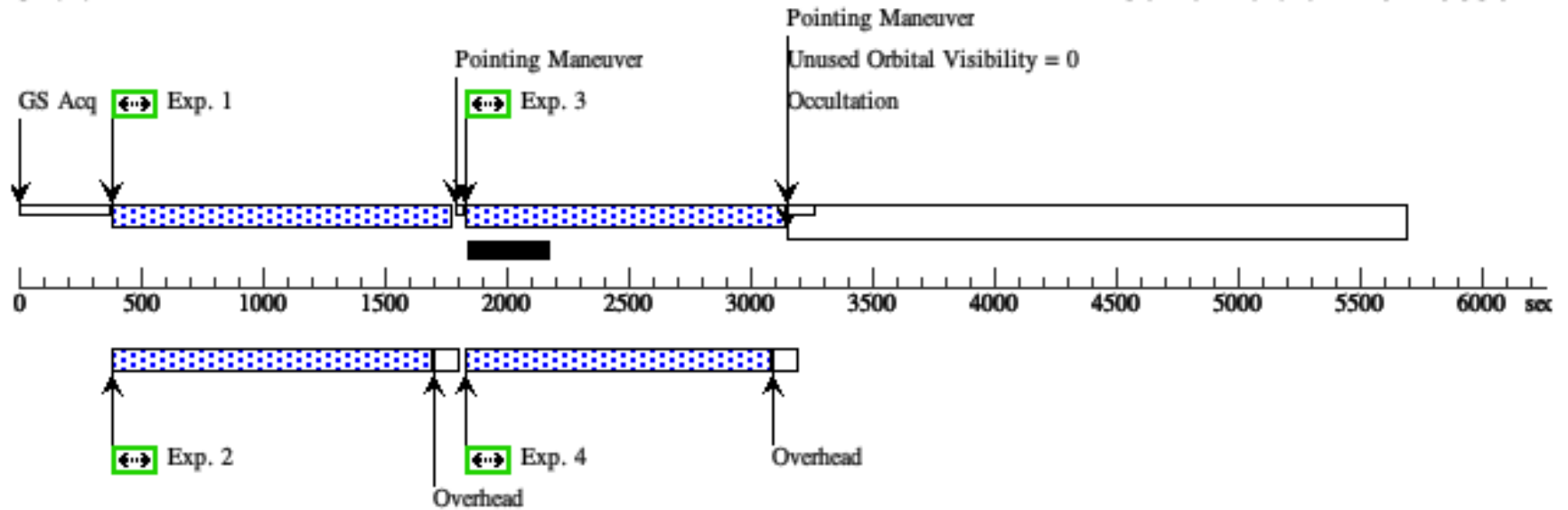


Proposal 16667 - 12 MACS1423 NIRISS Prime NIRCAM Parallel (12) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 12 MACS1423 NIRISS Prime NIRCAM Parallel (12), completed								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 260D TO 268 D; AFTER 07 BY 5 D TO 6 D									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F606W in prime 2 orbits F606W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	MACSJ1423-2	RA: 14 23 46.9800 (215.9457500d) Dec: +24 04 49.72 (24.08048d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Copy of Target 01 to be used with visits 07 - 14. RA and Dec have been tweaked to allow visits 07 - 14 to pick up GS pairs using an orient of 260 - 268. Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -28.75,4 .15; GS ACQ SCENARI O BASE1B3	Prime + Parallel Gro up 1-2 in 12 MACS1 423 NIRISS Prime N IRCAM Parallel (12)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	2		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			Prime + Parallel Gro up 1-2 in 12 MACS1 423 NIRISS Prime N IRCAM Parallel (12)	1250 Secs (1280 Secs) [==>1280.0 Secs]	[1]
	3		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -28.75,3 9.15	Prime + Parallel Gro up 3-4 in 12 MACS1 423 NIRISS Prime N IRCAM Parallel (12)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	4		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Gro up 3-4 in 12 MACS1 423 NIRISS Prime N IRCAM Parallel (12)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 31.25,39 .15; NEW OBSET FULL ACQ; GS ACQ SCENARI O BASE1B3	Prime + Parallel Gro up 5-6 in 12 MACS1 423 NIRISS Prime N IRCAM Parallel (12)	1200 Secs (1182 Secs) [==>1182 Secs]	[2]
	6		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Gro up 5-6 in 12 MACS1 423 NIRISS Prime N IRCAM Parallel (12)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 31.25,4 15	Prime + Parallel Gro up 7-8 in 12 MACS1 423 NIRISS Prime N IRCAM Parallel (12)	1200 Secs (1182 Secs) [==>1182 Secs]	[2]
	8		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Gro up 7-8 in 12 MACS1 423 NIRISS Prime N IRCAM Parallel (12)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

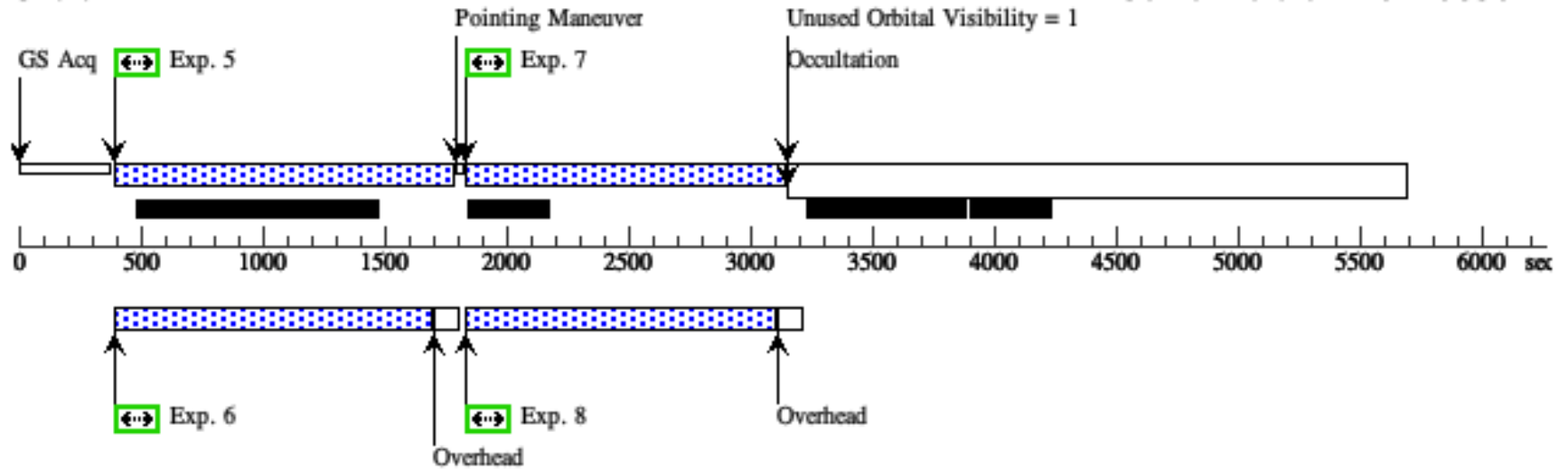
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

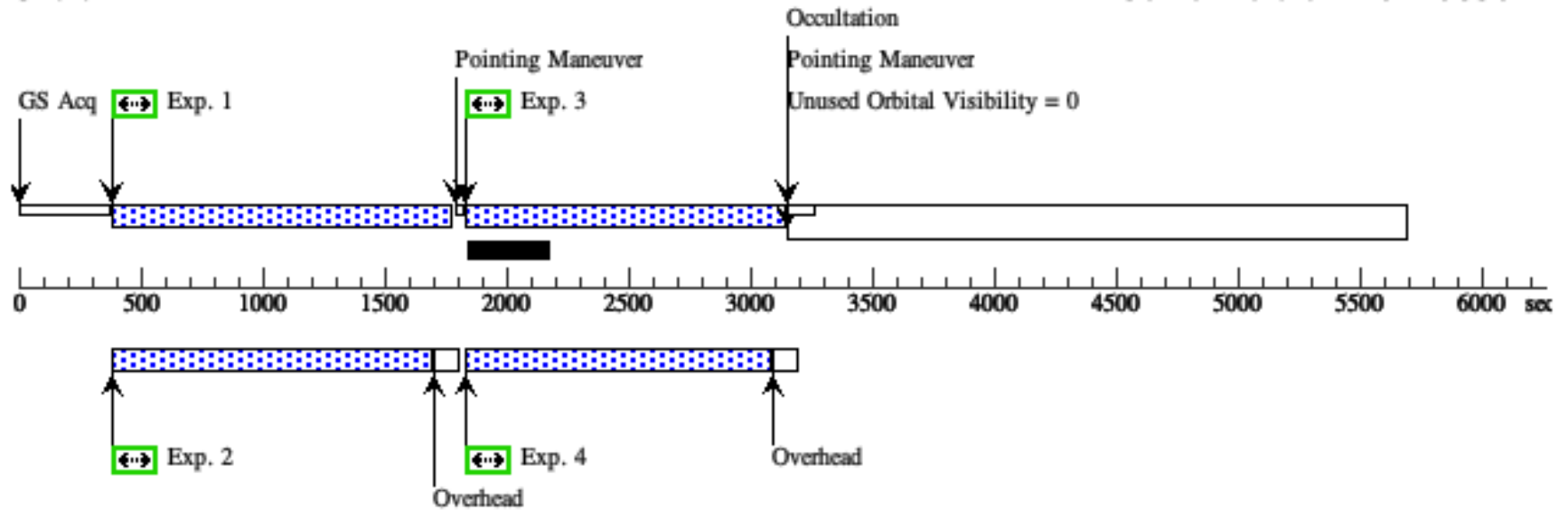


Proposal 16667 - 13 MACS1423 NIRISS Prime NIRCAM Parallel (13) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 13 MACS1423 NIRISS Prime NIRCAM Parallel (13), completed								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 260D TO 268 D; AFTER 07 BY 6 D TO 7 D									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F606W in prime 2 orbits F606W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	MACSJ1423-2	RA: 14 23 46.9800 (215.9457500d) Dec: +24 04 49.72 (24.08048d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Copy of Target 01 to be used with visits 07 - 14. RA and Dec have been tweaked to allow visits 07 - 14 to pick up GS pairs using an orient of 260 - 268. Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -28.34,1.68; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 13 MACS1423 NIRISS Prime NIRCAM Parallel (13)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	2		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			Prime + Parallel Group 1-2 in 13 MACS1423 NIRISS Prime NIRCAM Parallel (13)	1250 Secs (1280 Secs) [==>1280.0 Secs]	[1]
	3		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -28.34,3.68	Prime + Parallel Group 3-4 in 13 MACS1423 NIRISS Prime NIRCAM Parallel (13)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	4		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 3-4 in 13 MACS1423 NIRISS Prime NIRCAM Parallel (13)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 31.66,36.68; NEW OBSET FULL ACQ; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 5-6 in 13 MACS1423 NIRISS Prime NIRCAM Parallel (13)	1200 Secs (1182 Secs) [==>1182 Secs]	[2]
	6		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 5-6 in 13 MACS1423 NIRISS Prime NIRCAM Parallel (13)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 31.66,1.68	Prime + Parallel Group 7-8 in 13 MACS1423 NIRISS Prime NIRCAM Parallel (13)	1200 Secs (1182 Secs) [==>1182 Secs]	[2]
	8		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 7-8 in 13 MACS1423 NIRISS Prime NIRCAM Parallel (13)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

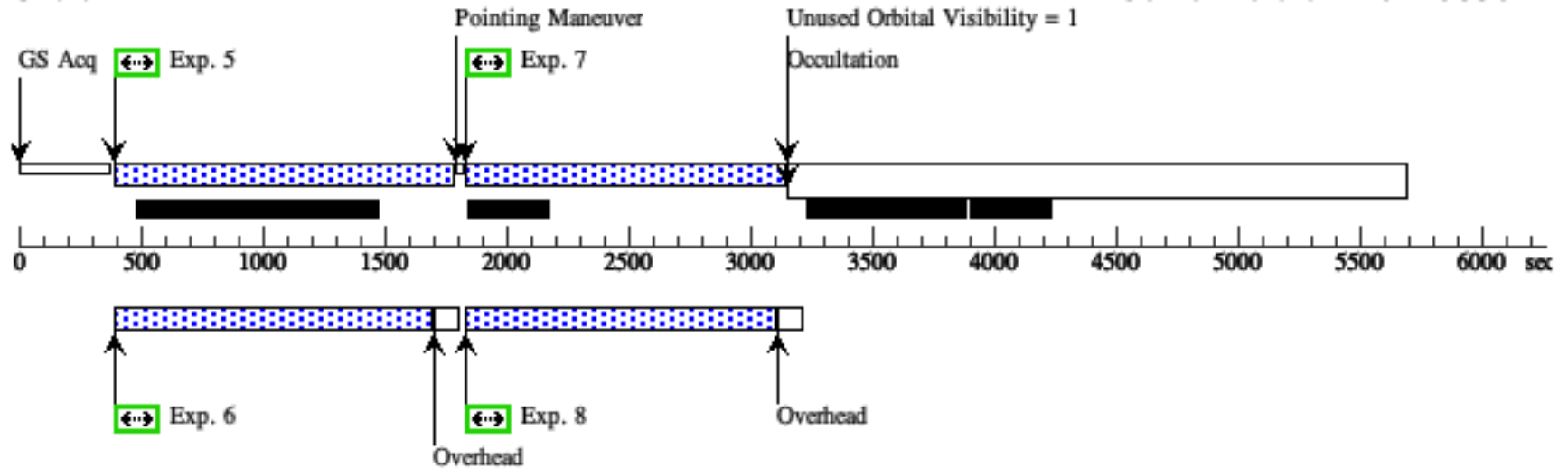
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

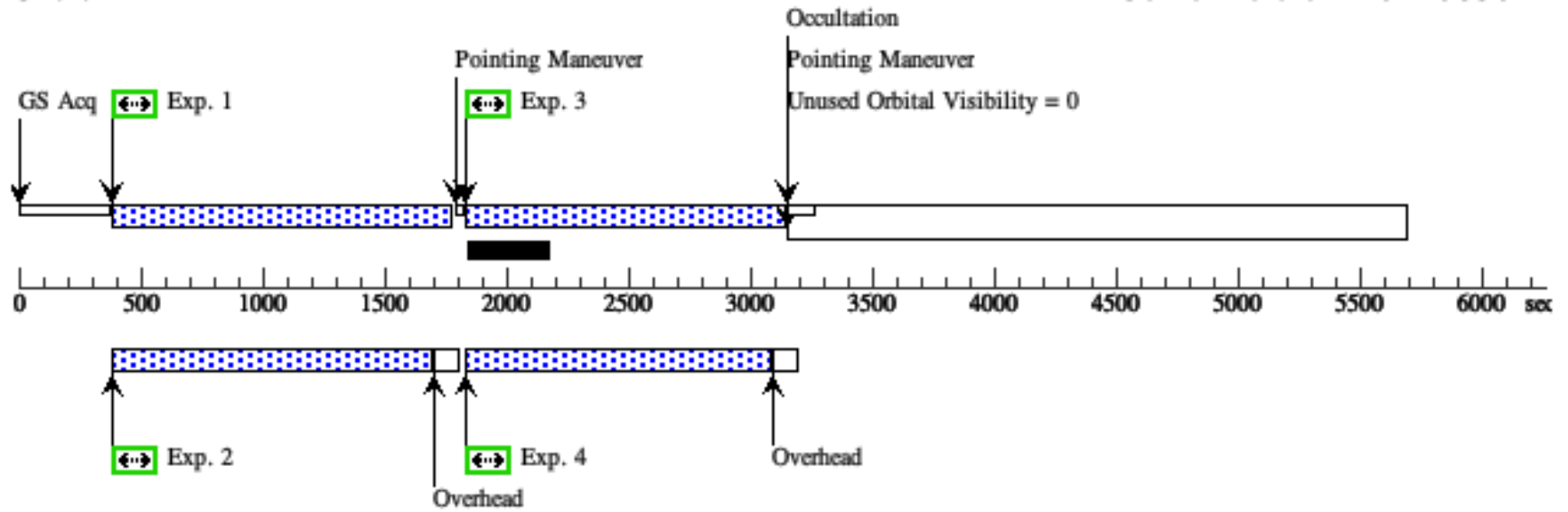


Proposal 16667 - 14 MACS1423 NIRISS Prime NIRCAM Parallel (14) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 14 MACS1423 NIRISS Prime NIRCAM Parallel (14), completed								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 260D TO 268 D; AFTER 07 BY 7 D TO 8 D									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F606W in prime 2 orbits F606W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	MACSJ1423-2	RA: 14 23 46.9800 (215.9457500d) Dec: +24 04 49.72 (24.08048d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Copy of Target 01 to be used with visits 07 - 14. RA and Dec have been tweaked to allow visits 07 - 14 to pick up GS pairs using an orient of 260 - 268. Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -28.53,6.71; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 14 MACS1423 NIRISS Prime NIRCAM Parallel (14)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	2		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			Prime + Parallel Group 1-2 in 14 MACS1423 NIRISS Prime NIRCAM Parallel (14)	1250 Secs (1280 Secs) [==>1280.0 Secs]	[1]
	3		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -28.53,4.71	Prime + Parallel Group 3-4 in 14 MACS1423 NIRISS Prime NIRCAM Parallel (14)	1200 Secs (1187 Secs) [==>1187.0 Secs]	[1]
	4		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 3-4 in 14 MACS1423 NIRISS Prime NIRCAM Parallel (14)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 31.47,41.71; NEW OBSET FULL ACQ; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 5-6 in 14 MACS1423 NIRISS Prime NIRCAM Parallel (14)	1200 Secs (1182 Secs) [==>1182 Secs]	[2]
	6		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 5-6 in 14 MACS1423 NIRISS Prime NIRCAM Parallel (14)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(3) MACSJ1423-2	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 31.47,6.71	Prime + Parallel Group 7-8 in 14 MACS1423 NIRISS Prime NIRCAM Parallel (14)	1200 Secs (1182 Secs) [==>1182 Secs]	[2]
	8		(3) MACSJ1423-2	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 7-8 in 14 MACS1423 NIRISS Prime NIRCAM Parallel (14)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

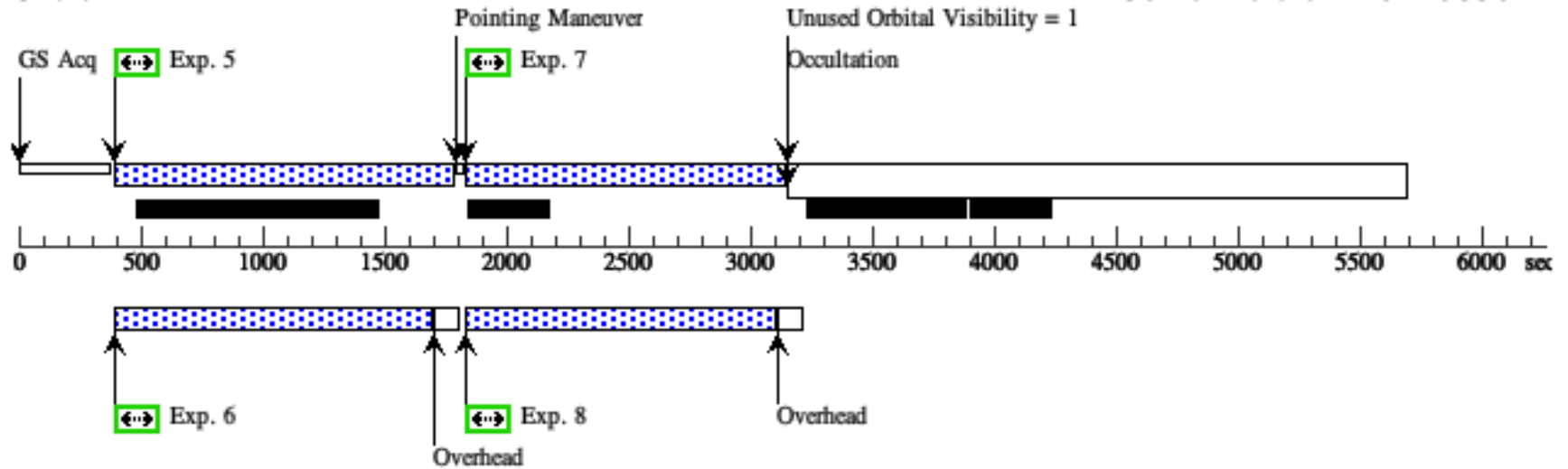
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

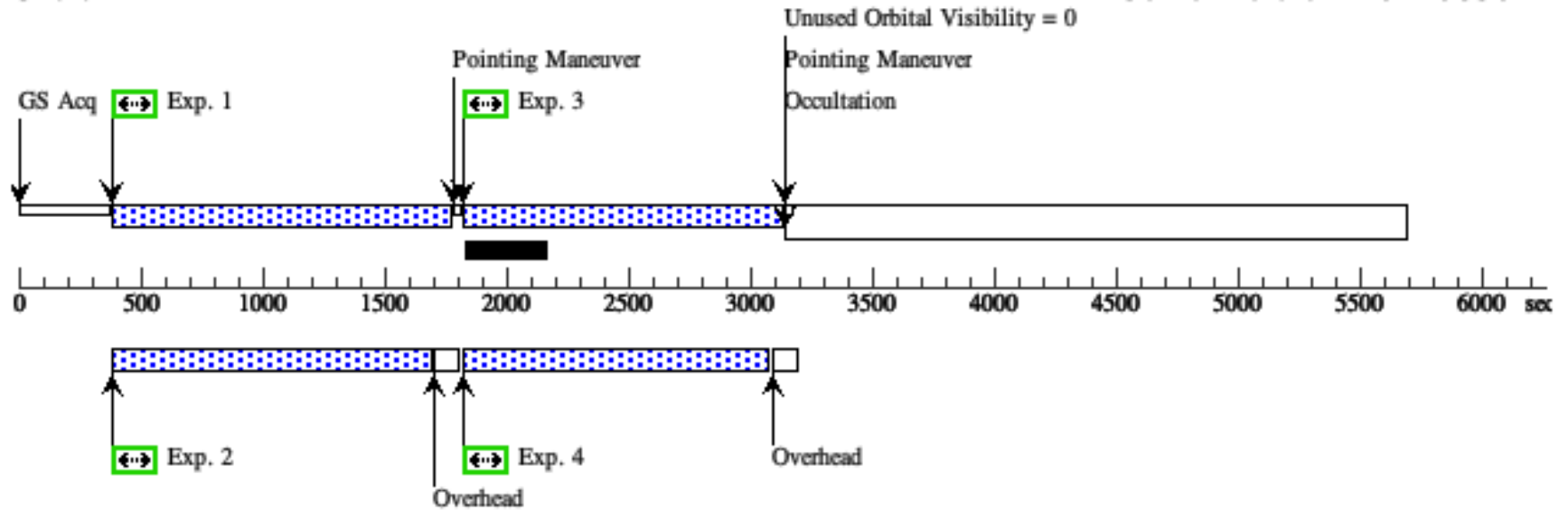


Proposal 16667 - 01 MACS0417 NIRCAM Prime NIRISS Parallel (15) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 01 MACS0417 NIRCAM Prime NIRISS Parallel (15), failed								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 107D TO 111 D									
	Comments: NIRCAM Prime NIRISS Parallel 2 orbits F435W in ACS 2 orbits F606W in WFC3 Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29,4.0; GS ACQ SCENARI O BASE1B3	Prime + Parallel Gro up 1-2 in 01 MACS0 417 NIRCAM Prime NIRISS Parallel (15)	1200 Secs (1183 Secs) [==>1183.0 Secs]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			Prime + Parallel Gro up 1-2 in 01 MACS0 417 NIRCAM Prime NIRISS Parallel (15)	1250 Secs (1280 Secs) [==>1280.0 Secs]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29,39.0	Prime + Parallel Gro up 3-4 in 01 MACS0 417 NIRCAM Prime NIRISS Parallel (15)	1200 Secs (1183 Secs) [==>1183.0 Secs]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Gro up 3-4 in 01 MACS0 417 NIRCAM Prime NIRISS Parallel (15)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 7,39	Prime + Parallel Gro up 5-6 in 01 MACS0 417 NIRCAM Prime NIRISS Parallel (15)	1200 Secs (1219 Secs) [==>1219.0 Secs]	[2]
	6		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Gro up 5-6 in 01 MACS0 417 NIRCAM Prime NIRISS Parallel (15)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 7,4	Prime + Parallel Gro up 7-8 in 01 MACS0 417 NIRCAM Prime NIRISS Parallel (15)	1200 Secs (1219 Secs) [==>1219.0 Secs]	[2]
	8		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Gro up 7-8 in 01 MACS0 417 NIRCAM Prime NIRISS Parallel (15)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

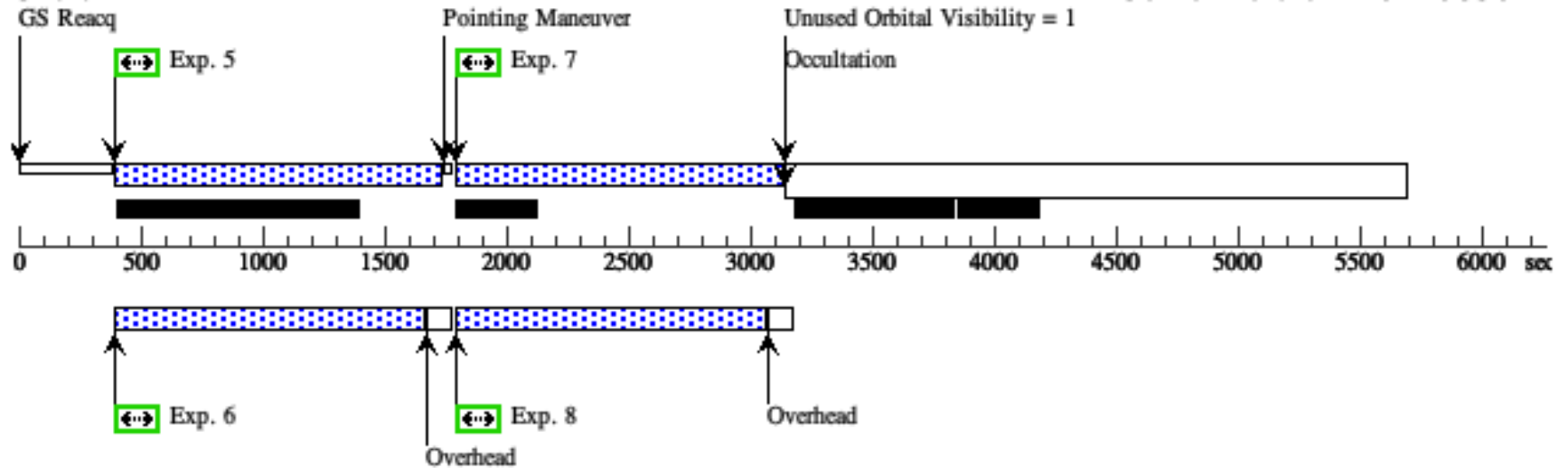
Orbit 1

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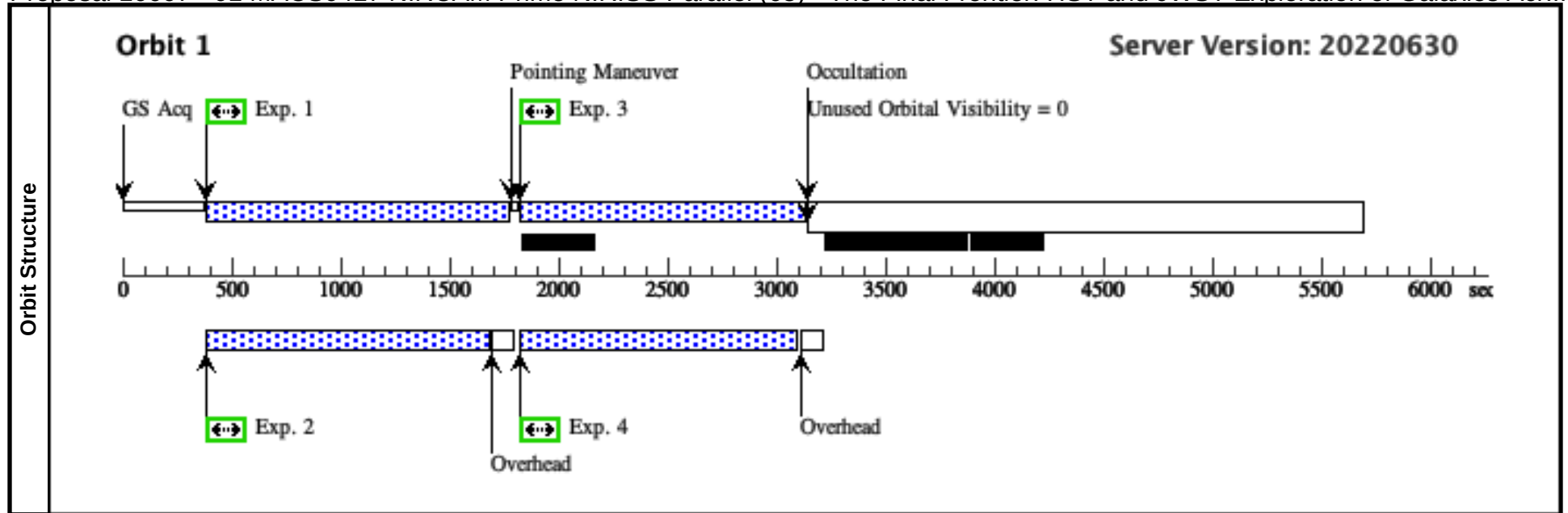
Orbit 2

Server Version: 20220630



Proposal 16667 - 01 MACS0417 NIRCAM Prime NIRISS Parallel (65) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 01 MACS0417 NIRCAM Prime NIRISS Parallel (65), implementation								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 107D TO 111 D									
	Comments: NIRCAM Prime NIRISS Parallel 1 orbit F435W in ACS 1 orbit F606W in WFC3 Parallel HOPR repeat of second orbit of visit 15.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000 Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]		V=29	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 7,39; GS ACQ SCENARI O BASE1B3	Prime + Parallel Gro up 1-2 in 01 MACS0 417 NIRCAM Prime NIRISS Parallel (65)	1200 Secs (1183 Secs) [==>1183 Secs]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Gro up 1-2 in 01 MACS0 417 NIRCAM Prime NIRISS Parallel (65)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 7,4	Prime + Parallel Gro up 3-4 in 01 MACS0 417 NIRCAM Prime NIRISS Parallel (65)	1200 Secs (1183 Secs) [==>1183.0 Secs]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Gro up 3-4 in 01 MACS0 417 NIRCAM Prime NIRISS Parallel (65)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[1]

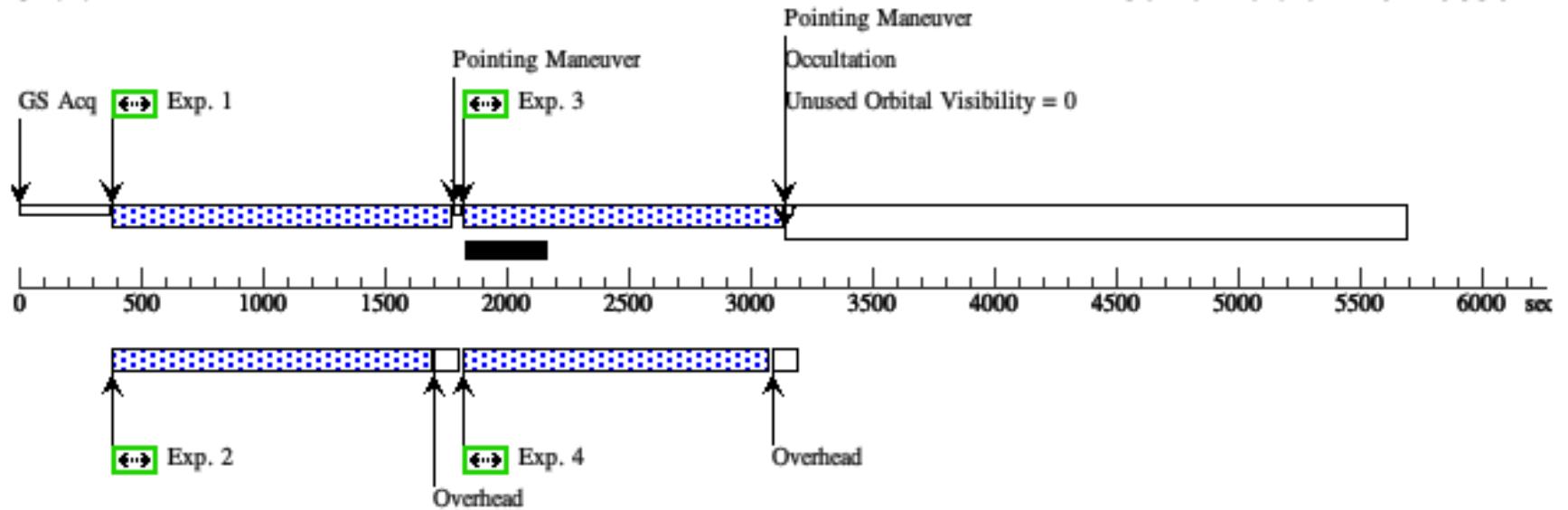


Proposal 16667 - 02 MACS0417 NIRCAM Prime NIRISS Parallel (16) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 02 MACS0417 NIRCAM Prime NIRISS Parallel (16), failed								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 107D TO 111 D; AFTER 15 BY 6 H TO 12 H									
Comments: NIRCAM Prime NIRISS Parallel										
2 orbits F435W in ACS										
2 orbits F606W in WFC3 Parallel										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d)			V=29		Reference Frame: ICRS		
			Dec: -11 54 38.44 (-11.91068d)							
			Equinox: J2000							
Comments:										
Category=CLUSTER OF GALAXIES										
Description=[GRAVITATIONAL LENS, RICH CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.79,6.53; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 02 MACS0417 NIRCAM Prime NIRISS Parallel (16)	1200 Secs (1183 Secs)	
									[>=>1183.0 Secs]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			Prime + Parallel Group 1-2 in 02 MACS0417 NIRCAM Prime NIRISS Parallel (16)	1250 Secs (1280 Secs)	
									[>=>1280.0 Secs]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.79,4.53	Prime + Parallel Group 3-4 in 02 MACS0417 NIRCAM Prime NIRISS Parallel (16)	1200 Secs (1183 Secs)	
									[>=>1183.0 Secs]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 3-4 in 02 MACS0417 NIRCAM Prime NIRISS Parallel (16)	1250 Secs (1250 Secs)	
									[>=>1250.0 Secs]	[1]
	5		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 7.21,41.53	Prime + Parallel Group 5-6 in 02 MACS0417 NIRCAM Prime NIRISS Parallel (16)	1200 Secs (1219 Secs)	
								[>=>1219.0 Secs]	[2]	
6		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W				Prime + Parallel Group 5-6 in 02 MACS0417 NIRCAM Prime NIRISS Parallel (16)	1250 Secs (1270 Secs)	
								[>=>1270.0 Secs]	[2]	
7		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 7.21,6.53		Prime + Parallel Group 7-8 in 02 MACS0417 NIRCAM Prime NIRISS Parallel (16)	1200 Secs (1219 Secs)	
								[>=>1219.0 Secs]	[2]	
8		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W				Prime + Parallel Group 7-8 in 02 MACS0417 NIRCAM Prime NIRISS Parallel (16)	1250 Secs (1270 Secs)	
								[>=>1270.0 Secs]	[2]	

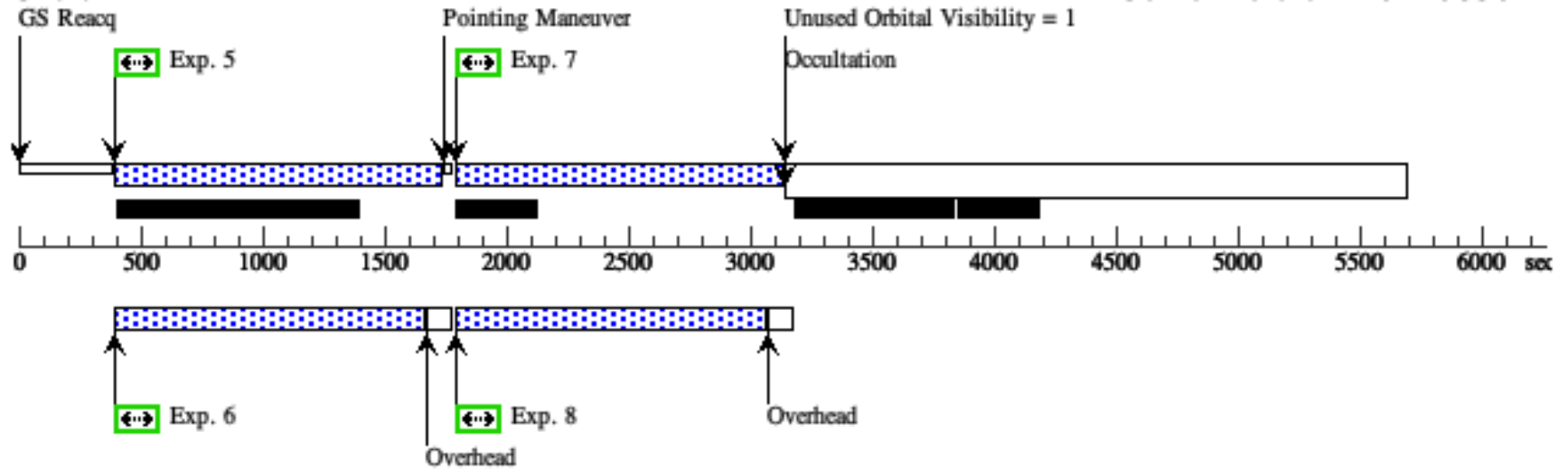
Orbit 1

Server Version: 20220630



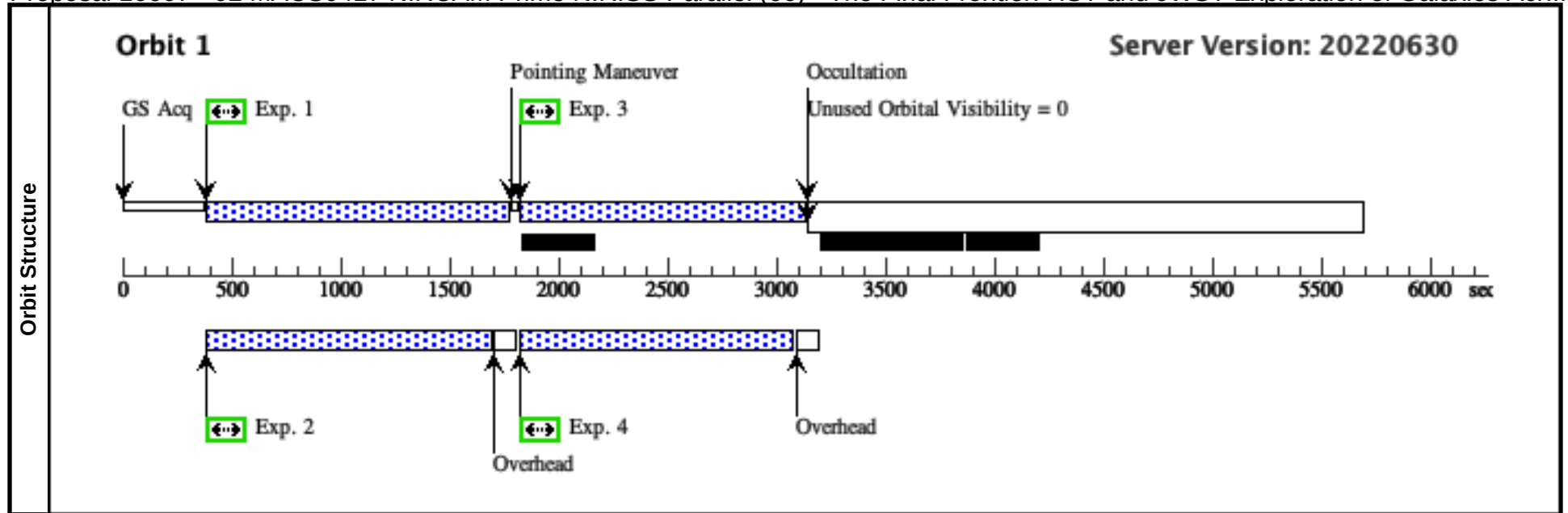
Orbit 2

Server Version: 20220630



Proposal 16667 - 02 MACS0417 NIRCAM Prime NIRISS Parallel (66) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 02 MACS0417 NIRCAM Prime NIRISS Parallel (66), implementation								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 107D TO 111 D; AFTER 65 BY 6 H TO 12 H									
	Comments: NIRCAM Prime NIRISS Parallel 1 orbits F435W in ACS 1 orbits F606W in WFC3 Parallel HOPR repeat of first orbit of visit 16.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000 Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]			V=29		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.79,6 .53; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 02 MACS0417 NIRCAM Prime NIRISS Parallel (66)	1200 Secs (1183 Secs) [>=>1183.0 Secs]	 [1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			Prime + Parallel Group 1-2 in 02 MACS0417 NIRCAM Prime NIRISS Parallel (66)	1250 Secs (1280 Secs) [>=>1280.0 Secs]	 [1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.79,4 1.53	Prime + Parallel Group 3-4 in 02 MACS0417 NIRCAM Prime NIRISS Parallel (66)	1200 Secs (1183 Secs) [>=>1183.0 Secs]	 [1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 3-4 in 02 MACS0417 NIRCAM Prime NIRISS Parallel (66)	1250 Secs (1250 Secs) [>=>1250.0 Secs]	 [1]

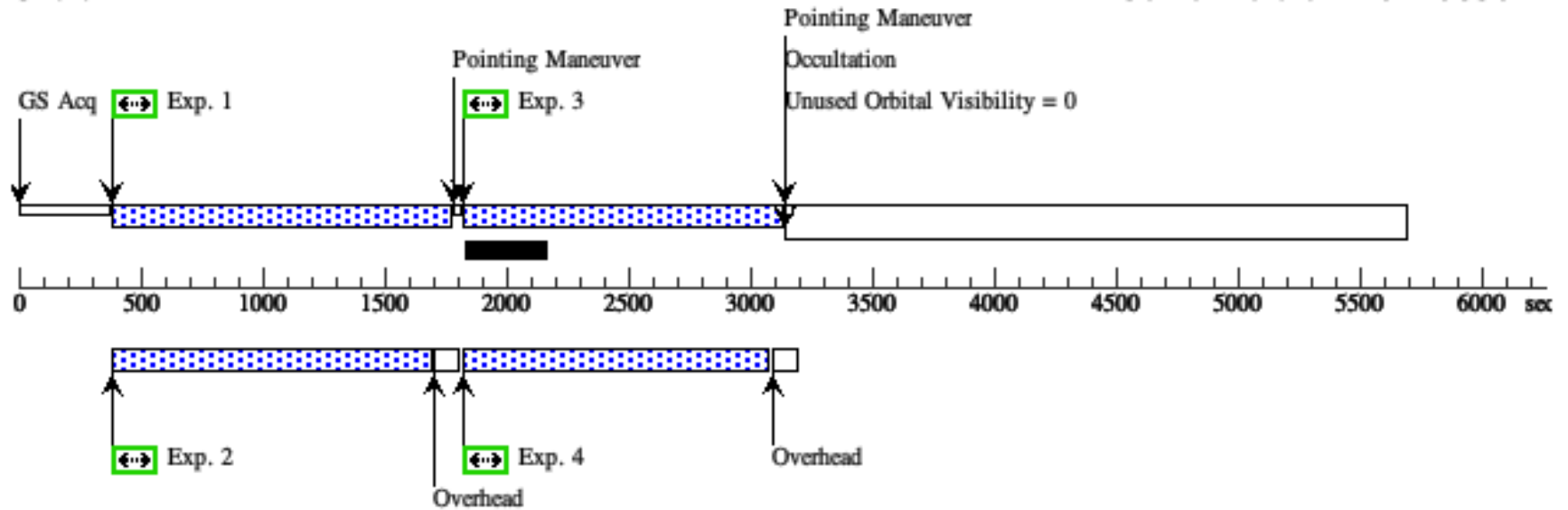


Proposal 16667 - 03 MACS0417 NIRCAM Prime NIRISS Parallel (17) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 03 MACS0417 NIRCAM Prime NIRISS Parallel (17), completed								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 107D TO 111 D; AFTER 15 BY 12 H TO 18 H									
Comments: NIRCAM Prime NIRISS Parallel 2 orbits F435W in ACS 2 orbits F606W in WFC3 Parallel										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.18,1.56; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in 03 MACS0417 NIRCAM Prime NIRISS Parallel (17)	1200 Secs (1183 Secs) [==>1183.0 Secs]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			Prime + Parallel Group 1-2 in 03 MACS0417 NIRCAM Prime NIRISS Parallel (17)	1250 Secs (1280 Secs) [==>1280.0 Secs]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.18,3.66	Prime + Parallel Group 3-4 in 03 MACS0417 NIRCAM Prime NIRISS Parallel (17)	1200 Secs (1183 Secs) [==>1183.0 Secs]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 3-4 in 03 MACS0417 NIRCAM Prime NIRISS Parallel (17)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 6.82,36.56	Prime + Parallel Group 5-6 in 03 MACS0417 NIRCAM Prime NIRISS Parallel (17)	1200 Secs (1219 Secs) [==>1219.0 Secs]	[2]
	6		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 5-6 in 03 MACS0417 NIRCAM Prime NIRISS Parallel (17)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 6.82,1.56	Prime + Parallel Group 7-8 in 03 MACS0417 NIRCAM Prime NIRISS Parallel (17)	1200 Secs (1219 Secs) [==>1219.0 Secs]	[2]
	8		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 7-8 in 03 MACS0417 NIRCAM Prime NIRISS Parallel (17)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

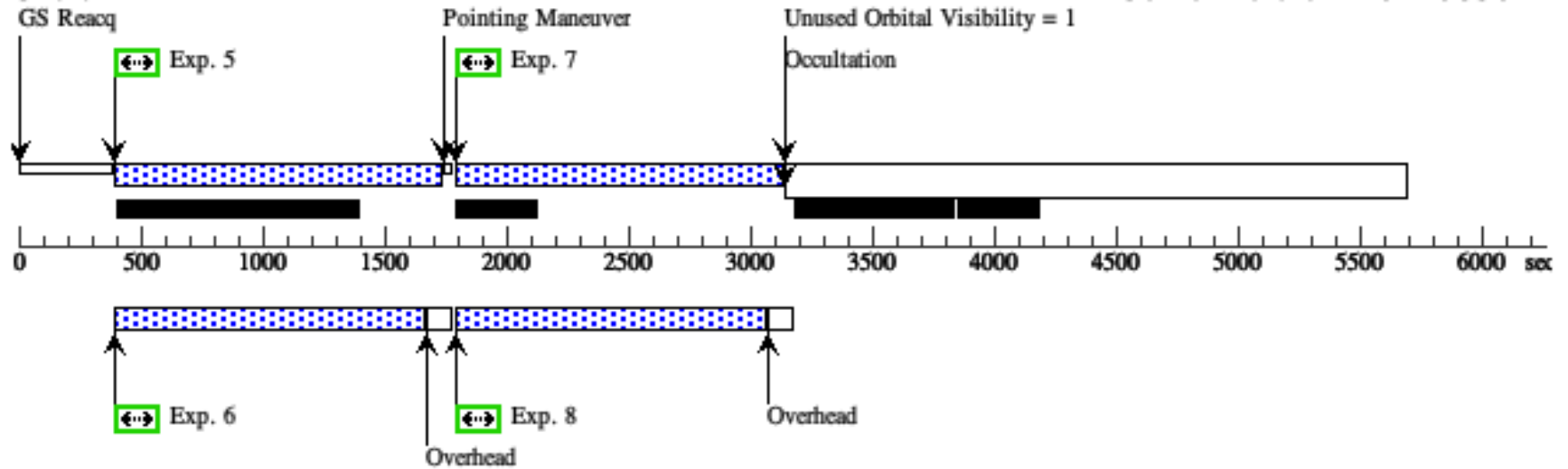
Orbit 1

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Orbit 2

Server Version: 20220630

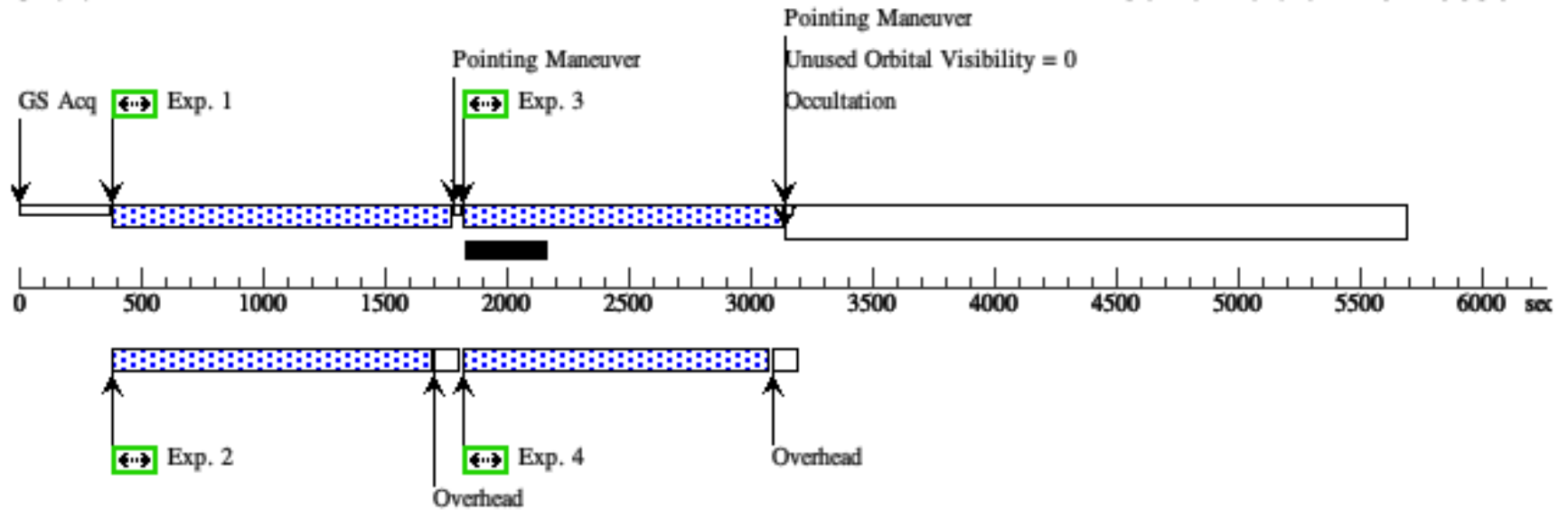


Proposal 16667 - 04 MACS0417 NIRCAM Prime NIRISS Parallel (18) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 04 MACS0417 NIRCAM Prime NIRISS Parallel (18), failed								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 107D TO 111 D; AFTER 15 BY 18 H TO 24 H									
Comments: NIRCAM Prime NIRISS Parallel										
2 orbits F435W in ACS										
2 orbits F814W in WFC3 Parallel										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d)			V=29		Reference Frame: ICRS		
			Dec: -11 54 38.44 (-11.91068d)							
			Equinox: J2000							
Comments:										
Category=CLUSTER OF GALAXIES										
Description=[GRAVITATIONAL LENS, RICH CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.47,2.84; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (18)	1200 Secs (1183 Secs)	
									[==>1183.0 Secs]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-2 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (18)	1250 Secs (1280 Secs)	
									[==>1280.0 Secs]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.47,3.784	Prime + Parallel Group 3-4 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (18)	1200 Secs (1183 Secs)	
									[==>1183.0 Secs]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 3-4 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (18)	1250 Secs (1250 Secs)	
									[==>1250.0 Secs]	[1]
	5		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 6.53,37.84	Prime + Parallel Group 5-6 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (18)	1200 Secs (1219 Secs)	
									[==>1219.0 Secs]	[2]
	6		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 5-6 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (18)	1250 Secs (1270 Secs)	
								[==>1270.0 Secs]	[2]	
7		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 6.53,2.84	Prime + Parallel Group 7-8 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (18)	1200 Secs (1219 Secs)		
								[==>1219.0 Secs]	[2]	
8		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 7-8 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (18)	1250 Secs (1270 Secs)		
								[==>1270.0 Secs]	[2]	

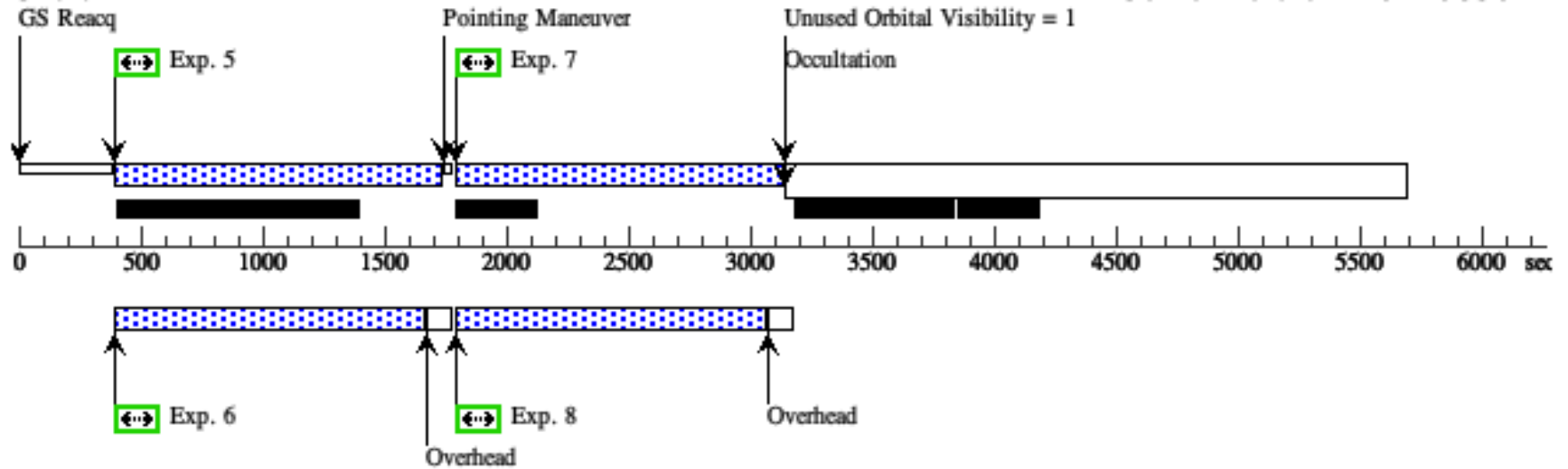
Orbit 1

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Orbit 2

Server Version: 20220630

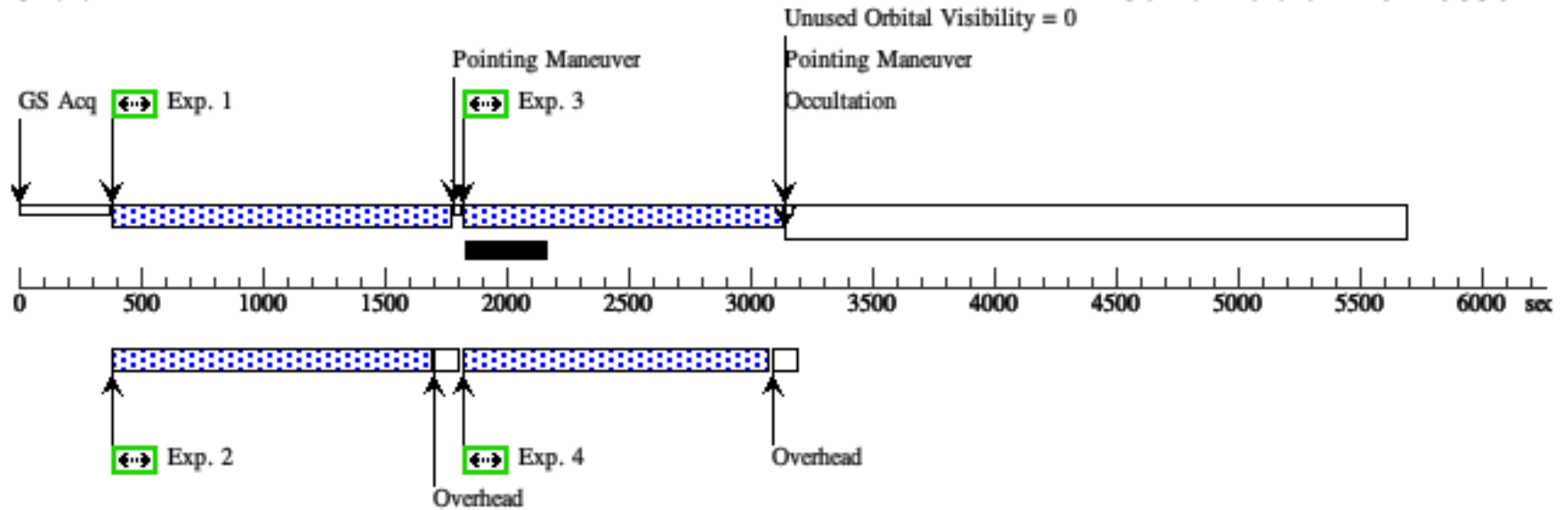


Proposal 16667 - 04 MACS0417 NIRCAM Prime NIRISS Parallel (68) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 04 MACS0417 NIRCAM Prime NIRISS Parallel (68), implementation								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 107D TO 111 D; AFTER 65 BY 18 H TO 24 H									
	Comments: NIRCAM Prime NIRISS Parallel 2 orbits F435W in ACS 2 orbits F814W in WFC3 Parallel HOPR repeat of visit 18									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000 Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]			V=29		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W			POS TARG -29.47,2.84; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group up 1-2 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (68)	1200 Secs (1183 Secs) [==>1183.0 Secs]	[1]
	2	(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				Prime + Parallel Group up 1-2 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (68)	1250 Secs (1280 Secs) [==>1280.0 Secs]	[1]
	3	(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W			POS TARG -29.47,37.84	Prime + Parallel Group up 3-4 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (68)	1200 Secs (1183 Secs) [==>1183.0 Secs]	[1]
	4	(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F814W				Prime + Parallel Group up 3-4 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (68)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5	(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W			POS TARG 6.53,37.84	Prime + Parallel Group up 5-6 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (68)	1200 Secs (1219 Secs) [==>1219.0 Secs]	[2]
	6	(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F814W				Prime + Parallel Group up 5-6 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (68)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7	(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W			POS TARG 6.53,2.84	Prime + Parallel Group up 7-8 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (68)	1200 Secs (1219 Secs) [==>1219.0 Secs]	[2]
	8	(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F814W				Prime + Parallel Group up 7-8 in 04 MACS0417 NIRCAM Prime NIRISS Parallel (68)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

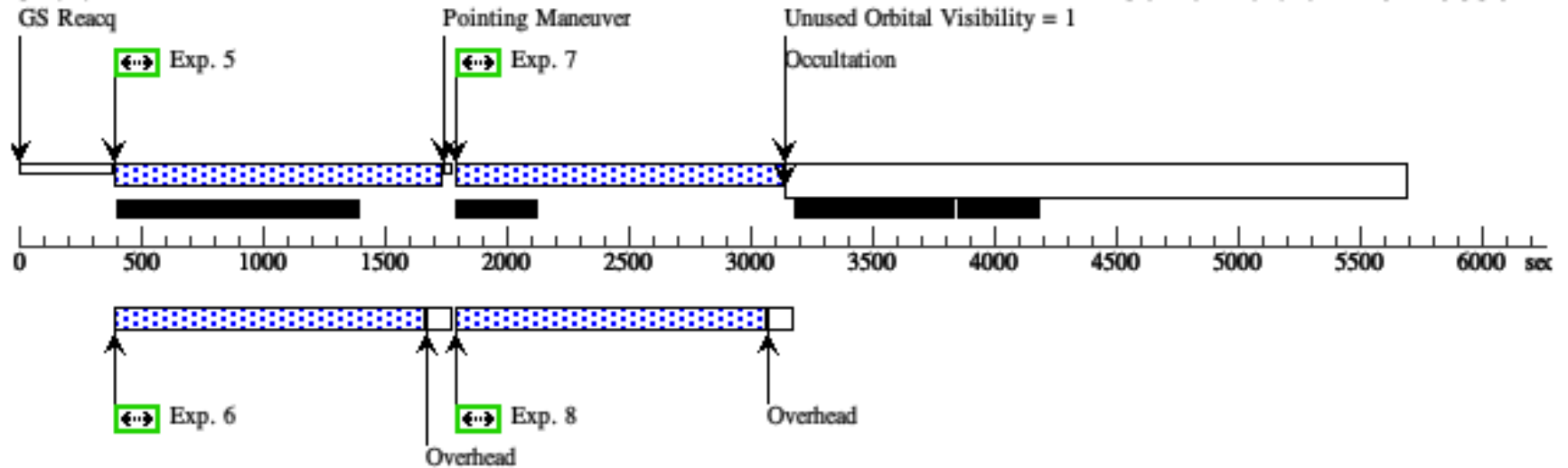
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

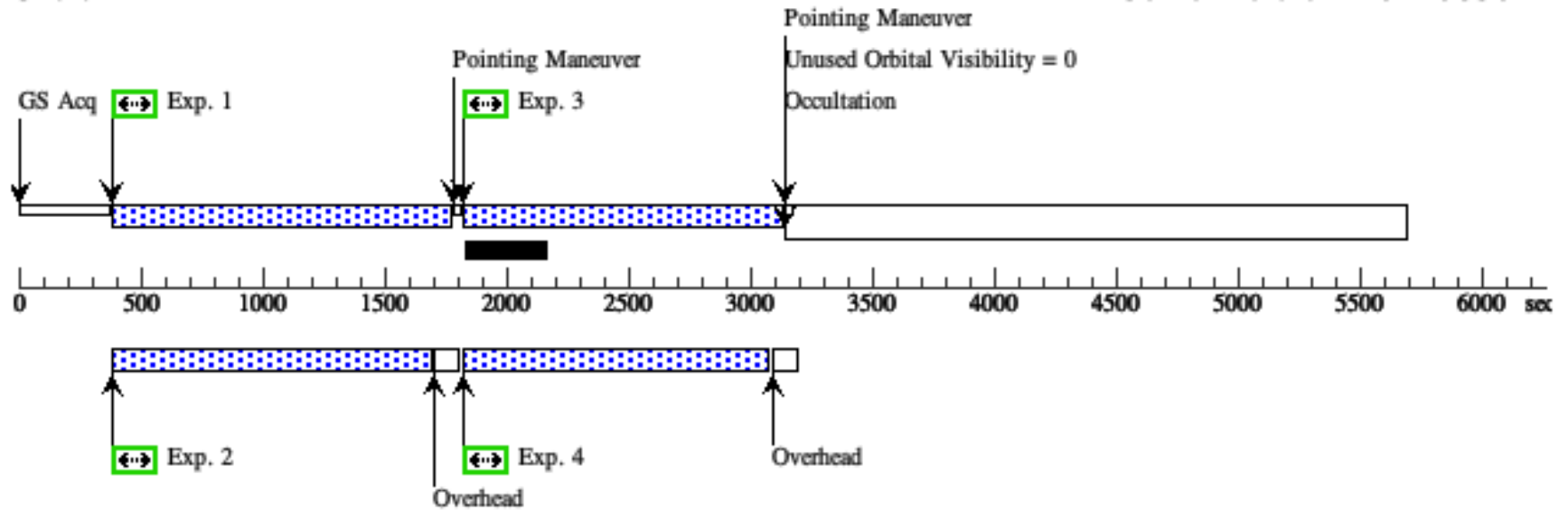


Proposal 16667 - 05 MACS0417 NIRCAM Prime NIRISS Parallel (19) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 05 MACS0417 NIRCAM Prime NIRISS Parallel (19), completed								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 107D TO 111 D; AFTER 15 BY 24 H TO 30 H									
Comments: NIRCAM Prime NIRISS Parallel										
2 orbits F606W in ACS										
2 orbits F814W in WFC3 Parallel										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d)			V=29		Reference Frame: ICRS		
			Dec: -11 54 38.44 (-11.91068d)							
			Equinox: J2000							
Comments:										
Category=CLUSTER OF GALAXIES										
Description=[GRAVITATIONAL LENS, RICH CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -29.26,5.37; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 05 MACS0417 NIRCAM Prime NIRISS Parallel (19)	1200 Secs (1183 Secs)	
									[==>1183.0 Secs]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-2 in 05 MACS0417 NIRCAM Prime NIRISS Parallel (19)	1250 Secs (1280 Secs)	
									[==>1280.0 Secs]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -29.26,4.0.37	Prime + Parallel Group 3-4 in 05 MACS0417 NIRCAM Prime NIRISS Parallel (19)	1200 Secs (1183 Secs)	
									[==>1183.0 Secs]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 3-4 in 05 MACS0417 NIRCAM Prime NIRISS Parallel (19)	1250 Secs (1250 Secs)	
									[==>1250.0 Secs]	[1]
	5		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 6.74,40.37	Prime + Parallel Group 5-6 in 05 MACS0417 NIRCAM Prime NIRISS Parallel (19)	1200 Secs (1219 Secs)	
									[==>1219.0 Secs]	[2]
	6		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 5-6 in 05 MACS0417 NIRCAM Prime NIRISS Parallel (19)	1250 Secs (1270 Secs)	
								[==>1270.0 Secs]	[2]	
7		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 6.74,5.37	Prime + Parallel Group 7-8 in 05 MACS0417 NIRCAM Prime NIRISS Parallel (19)	1200 Secs (1219 Secs)		
								[==>1219.0 Secs]	[2]	
8		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 7-8 in 05 MACS0417 NIRCAM Prime NIRISS Parallel (19)	1250 Secs (1270 Secs)		
								[==>1270.0 Secs]	[2]	

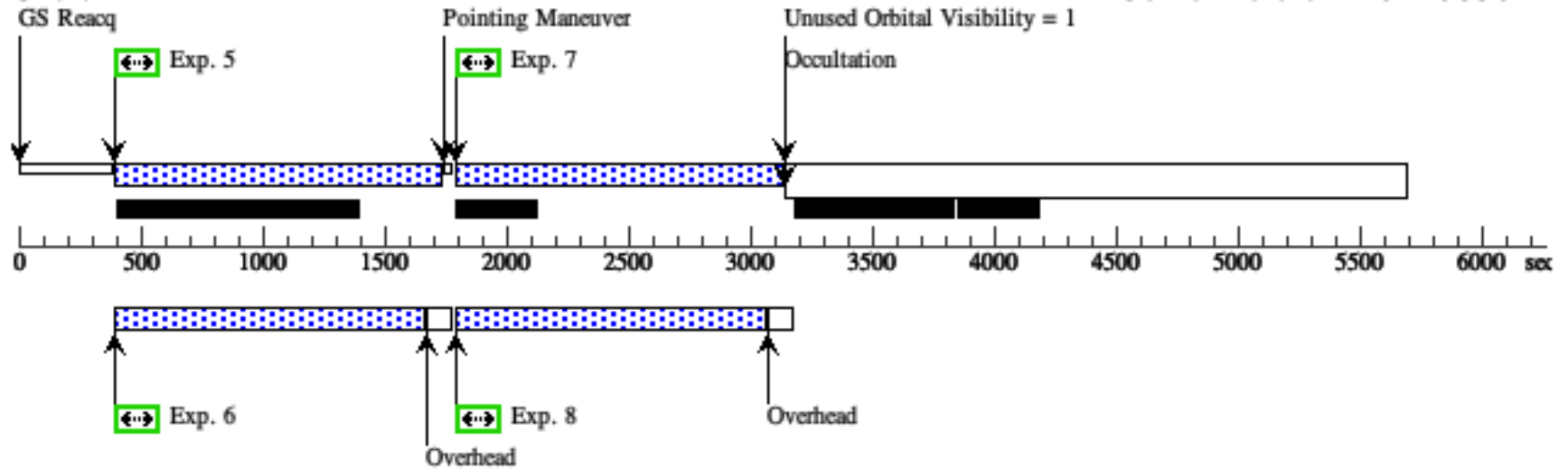
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

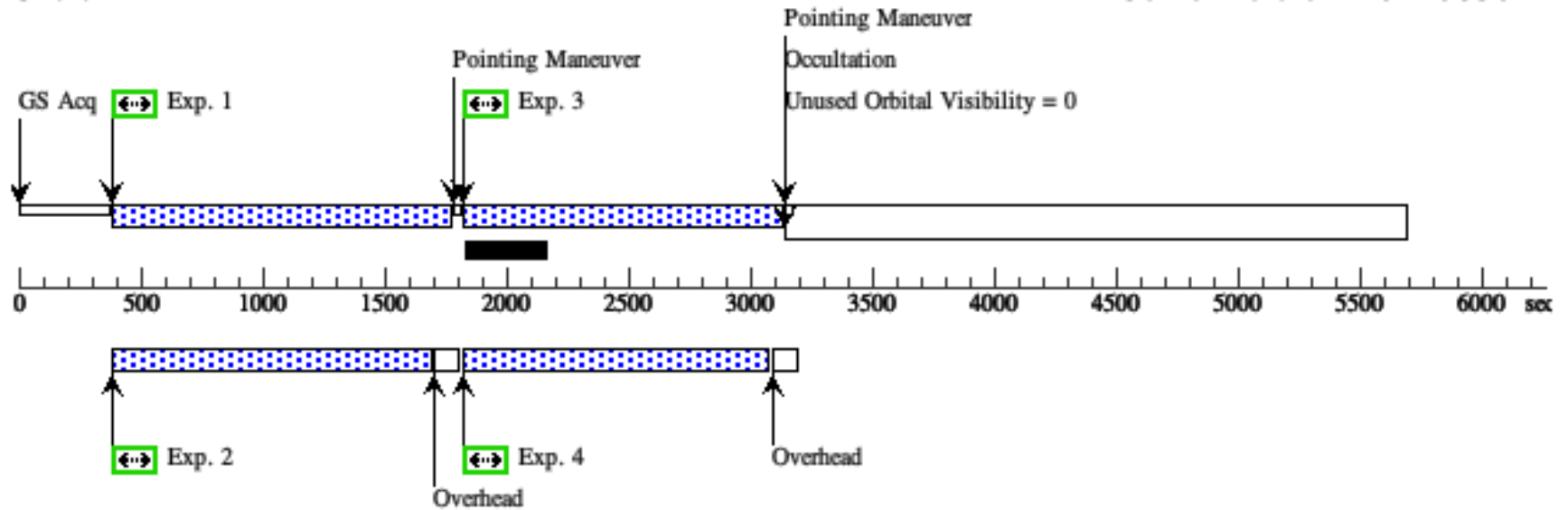


Proposal 16667 - 06 MACS0417 NIRCAM Prime NIRISS Parallel (20) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 06 MACS0417 NIRCAM Prime NIRISS Parallel (20), completed								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 30%; ORIENT 107D TO 111 D; AFTER 15 BY 30 H TO 36 H									
	Comments: NIRCAM Prime NIRISS Parallel 2 orbits F606W in ACS 2 orbits F814W in WFC3 Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -29.65,0.4; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 06 MACS0417 NIRCAM Prime NIRISS Parallel (20)	1200 Secs (1183 Secs) [==>1183.0 Secs]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Prime + Parallel Group 1-2 in 06 MACS0417 NIRCAM Prime NIRISS Parallel (20)	1250 Secs (1280 Secs) [==>1280.0 Secs]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -29.65,35.4	Prime + Parallel Group 3-4 in 06 MACS0417 NIRCAM Prime NIRISS Parallel (20)	1200 Secs (1183 Secs) [==>1183.0 Secs]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 3-4 in 06 MACS0417 NIRCAM Prime NIRISS Parallel (20)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 6.35,35.4	Prime + Parallel Group 5-6 in 06 MACS0417 NIRCAM Prime NIRISS Parallel (20)	1200 Secs (1219 Secs) [==>1219.0 Secs]	[2]
	6		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 5-6 in 06 MACS0417 NIRCAM Prime NIRISS Parallel (20)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 6.35,0.4	Prime + Parallel Group 7-8 in 06 MACS0417 NIRCAM Prime NIRISS Parallel (20)	1200 Secs (1219 Secs) [==>1219.0 Secs]	[2]
	8		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F814W			Prime + Parallel Group 7-8 in 06 MACS0417 NIRCAM Prime NIRISS Parallel (20)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

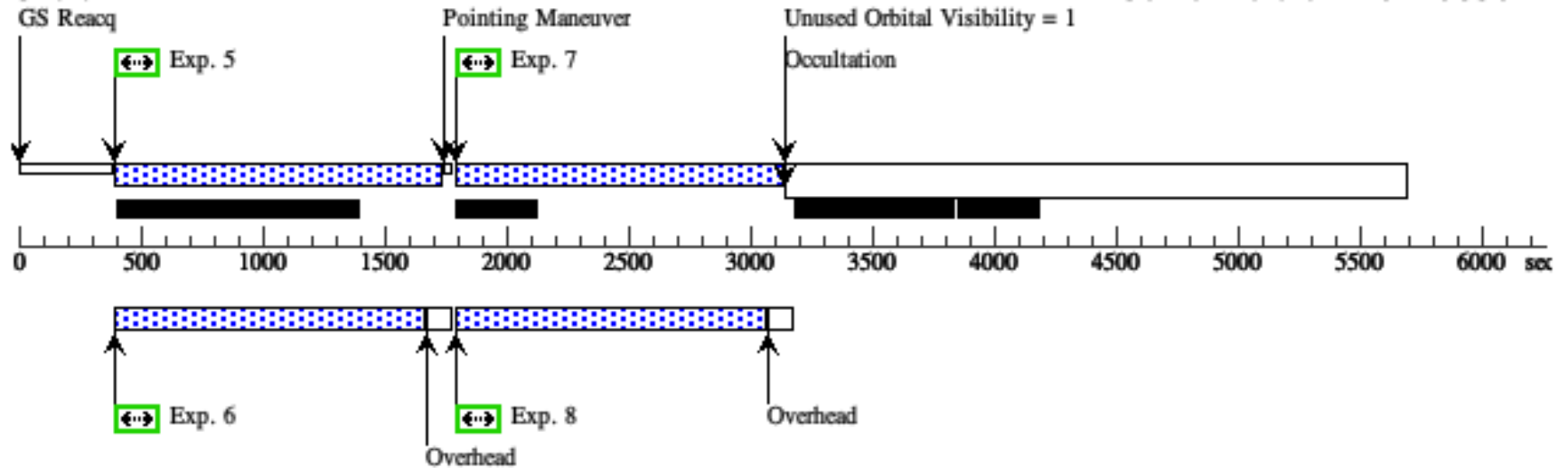
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

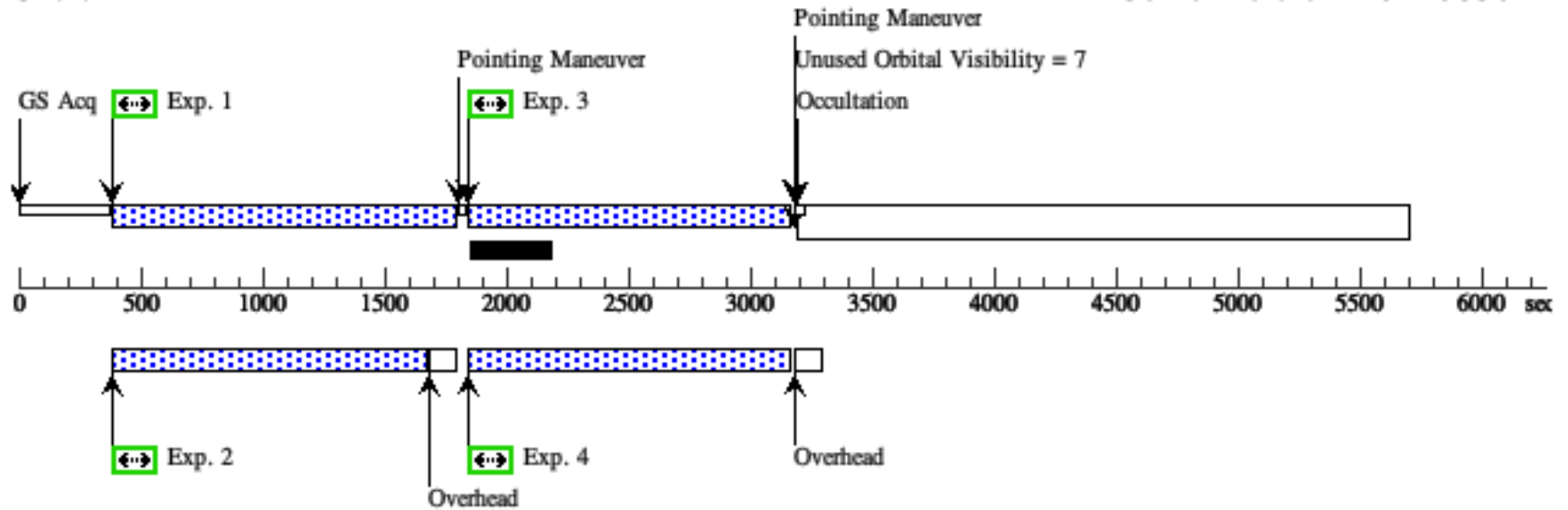


Proposal 16667 - 07 MACS0417 NIRISS Prime NIRCAM Parallel (21) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 07 MACS0417 NIRISS Prime NIRCAM Parallel (21), completed								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 40%; ORIENT 292D TO 294 D; VISIBILITY INTERVAL 3190 S									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F435W in prime 2 orbits F438W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29,3,4; GS ACQ SCENARI O BASE1B3	Prime + Parallel Gro up 1-2 in 07 MACS0 417 NIRISS Prime N IRCAM Parallel (21)	1200 Secs (1200 Secs) [==>]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=10		Prime + Parallel Gro up 1-2 in 07 MACS0 417 NIRISS Prime N IRCAM Parallel (21)	1200 Secs (1257 Secs) [==>1257.0 Secs]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29,38,4	Prime + Parallel Gro up 3-4 in 07 MACS0 417 NIRISS Prime N IRCAM Parallel (21)	1200 Secs (1200 Secs) [==>]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Gro up 3-4 in 07 MACS0 417 NIRISS Prime N IRCAM Parallel (21)	1250 Secs (1326 Secs) [==>1326.0 Secs]	[1]
	5		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 31,38,4	Prime + Parallel Gro up 5-6 in 07 MACS0 417 NIRISS Prime N IRCAM Parallel (21)	1200 Secs (1240 Secs) [==>1240.0 Secs]	[2]
	6		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Gro up 5-6 in 07 MACS0 417 NIRISS Prime N IRCAM Parallel (21)	1200 Secs (1247 Secs) [==>1247.0 Secs]	[2]
	7		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 31,3,4	Prime + Parallel Gro up 7-8 in 07 MACS0 417 NIRISS Prime N IRCAM Parallel (21)	1200 Secs (1240 Secs) [==>1240.0 Secs]	[2]
	8		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Gro up 7-8 in 07 MACS0 417 NIRISS Prime N IRCAM Parallel (21)	1200.0 Secs (1247 Secs) [==>1247.0 Secs]	[2]

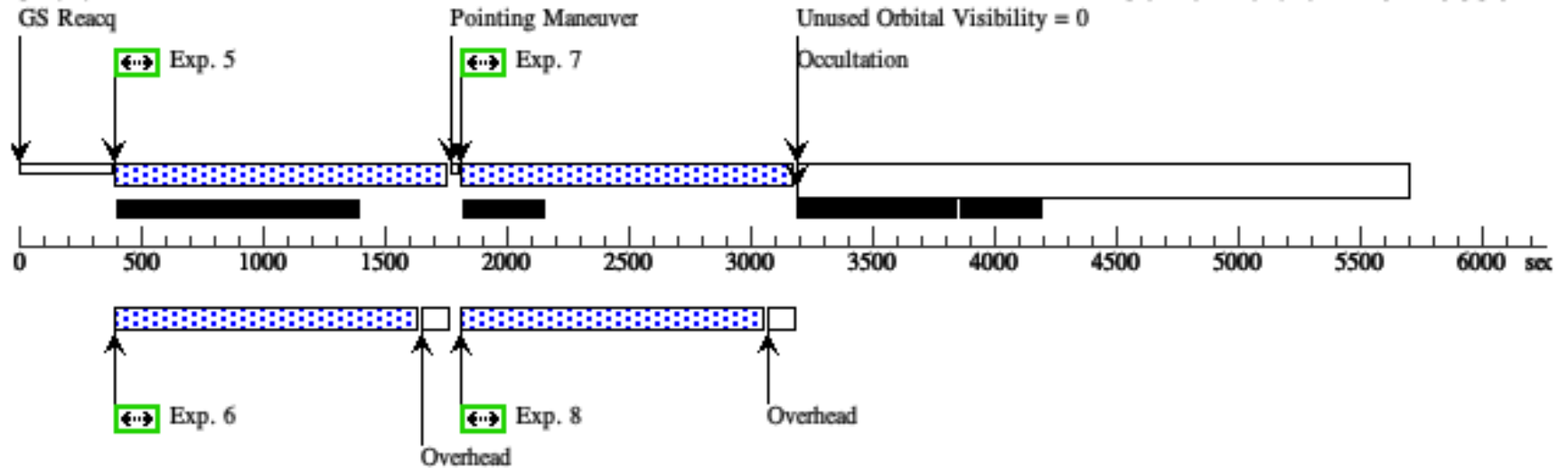
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

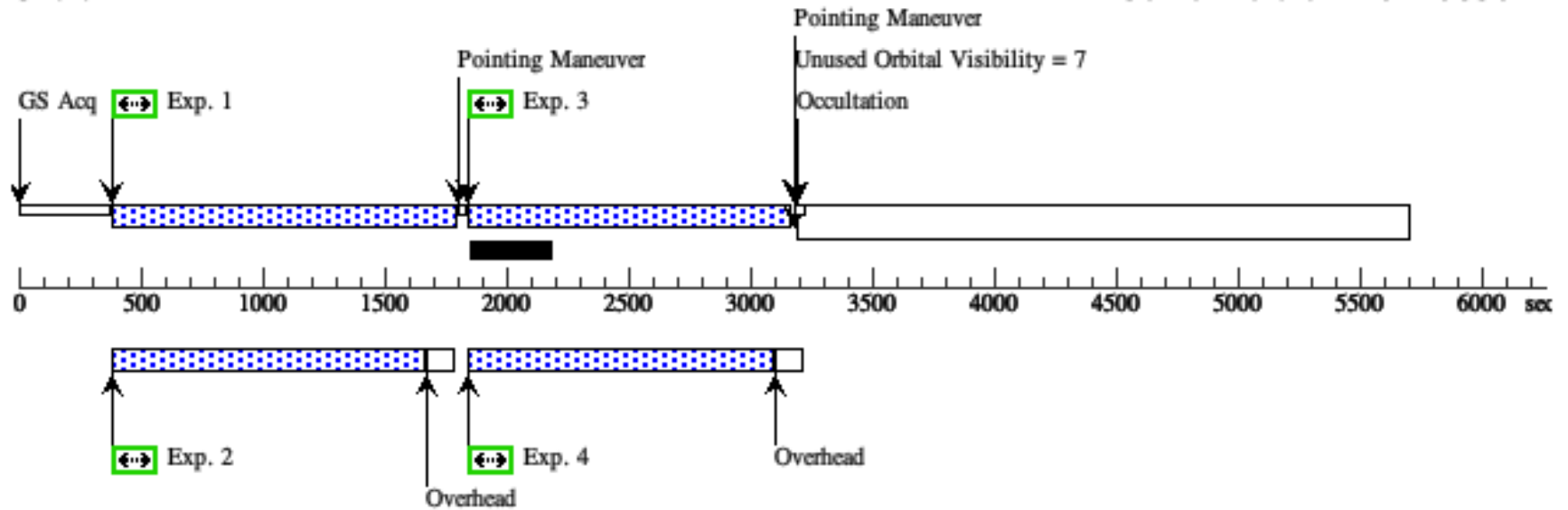


Proposal 16667 - 08 MACS0417 NIRISS Prime NIRCAM Parallel (22) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 08 MACS0417 NIRISS Prime NIRCAM Parallel (22), completed							Fri Nov 04 12:01:00 GMT 2022		
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 40%; ORIENT 292D TO 294 D; AFTER 21 BY 1 D TO 2 D; VISIBILITY INTERVAL 3190 S									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F435W in prime 2 orbits F438W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000			V=29	Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.89,5.93; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 08 MACS0417 NIRISS Prime NIRCAM Parallel (22)	1200 Secs (1200 Secs) [==>]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=10		Prime + Parallel Group 1-2 in 08 MACS0417 NIRISS Prime NIRCAM Parallel (22)	1250 Secs (1250 Secs) [==>]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.89,4.93	Prime + Parallel Group 3-4 in 08 MACS0417 NIRISS Prime NIRCAM Parallel (22)	1200 Secs (1200 Secs) [==>]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 3-4 in 08 MACS0417 NIRISS Prime NIRCAM Parallel (22)	1250 Secs (1250 Secs) [==>]	[1]
	5		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 31.11,40.93	Prime + Parallel Group 5-6 in 08 MACS0417 NIRISS Prime NIRCAM Parallel (22)	1200 Secs (1240 Secs) [==>1240.0 Secs]	[2]
	6		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 5-6 in 08 MACS0417 NIRISS Prime NIRCAM Parallel (22)	1250 Secs (1250 Secs) [==>]	[2]
	7		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 31.11,5.93	Prime + Parallel Group 7-8 in 08 MACS0417 NIRISS Prime NIRCAM Parallel (22)	1200 Secs (1240 Secs) [==>1240.0 Secs]	[2]
	8		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 7-8 in 08 MACS0417 NIRISS Prime NIRCAM Parallel (22)	1250 Secs (1250 Secs) [==>]	[2]

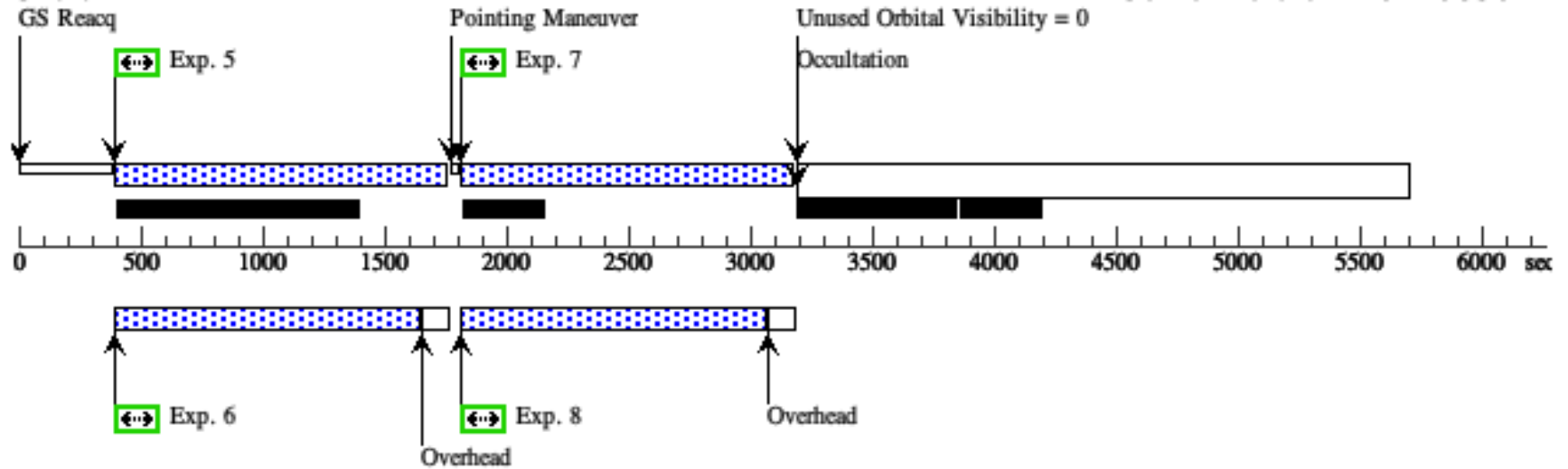
Orbit 1

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Orbit 2

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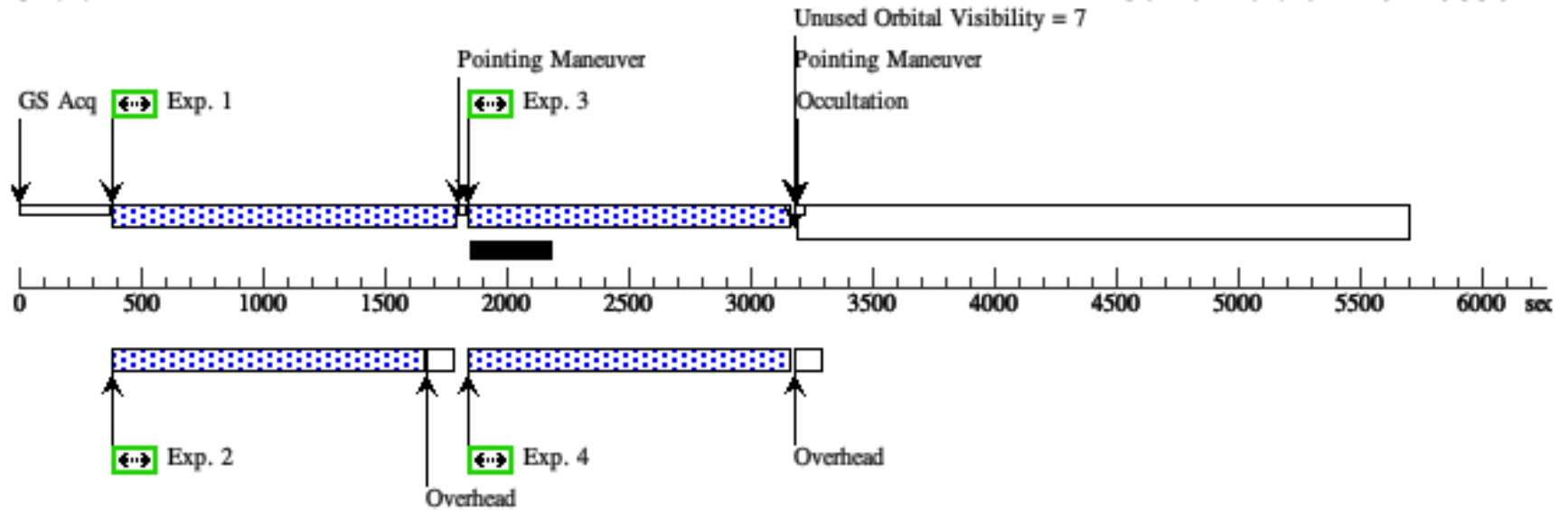


Proposal 16667 - 09 MACS0417 NIRISS Prime NIRCAM Parallel (23) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 09 MACS0417 NIRISS Prime NIRCAM Parallel (23), completed								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 40%; ORIENT 292D TO 294 D; AFTER 21 BY 2 D TO 3 D; VISIBILITY INTERVAL 3190 S									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F435W in prime 2 orbits F438W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.08,0.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 09 MACS0417 NIRISS Prime NIRCAM Parallel (23)	1200 Secs (1200 Secs) [==>]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=10		Prime + Parallel Group 1-2 in 09 MACS0417 NIRISS Prime NIRCAM Parallel (23)	1250 Secs (1250 Secs) [==>]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.08,35.96	Prime + Parallel Group 3-4 in 09 MACS0417 NIRISS Prime NIRCAM Parallel (23)	1200 Secs (1200 Secs) [==>]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 3-4 in 09 MACS0417 NIRISS Prime NIRCAM Parallel (23)	1250 Secs (1326 Secs) [==>1326.0 Secs]	[1]
	5		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 30.92,35.96	Prime + Parallel Group 5-6 in 09 MACS0417 NIRISS Prime NIRCAM Parallel (23)	1200 Secs (1235 Secs) [==>1235.0 Secs]	[2]
	6		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 5-6 in 09 MACS0417 NIRISS Prime NIRCAM Parallel (23)	1250 Secs (1290 Secs) [==>1290.0 Secs]	[2]
	7		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 30.92,0.96	Prime + Parallel Group 7-8 in 09 MACS0417 NIRISS Prime NIRCAM Parallel (23)	1200 Secs (1235 Secs) [==>1235.0 Secs]	[2]
	8		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 7-8 in 09 MACS0417 NIRISS Prime NIRCAM Parallel (23)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

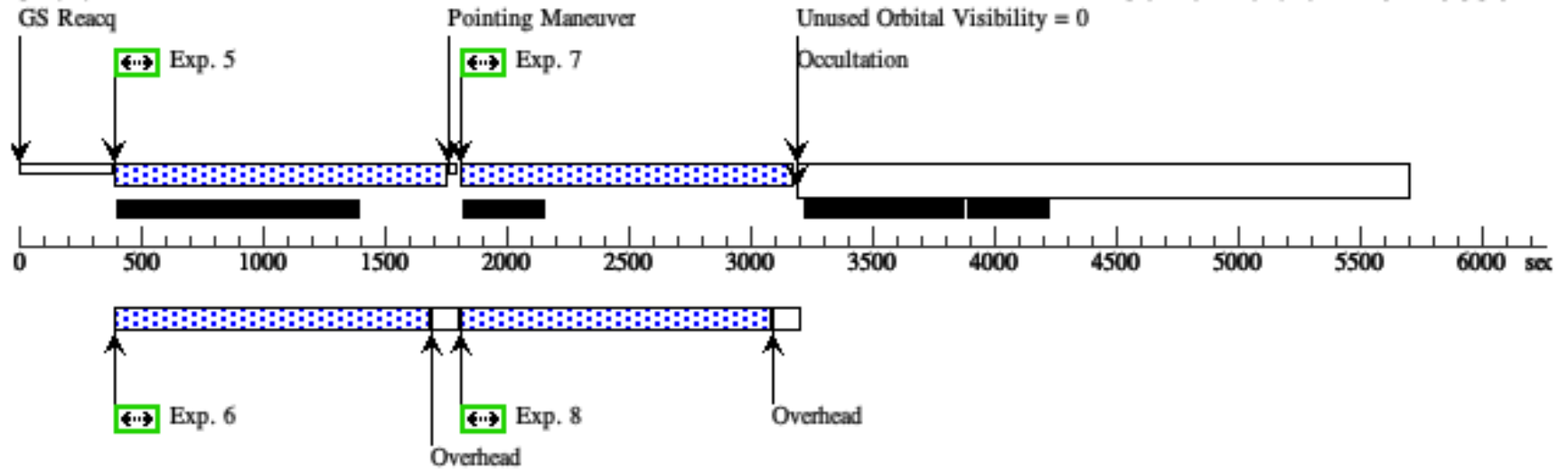
Orbit 1

Server Version: 20220630



Orbit 2

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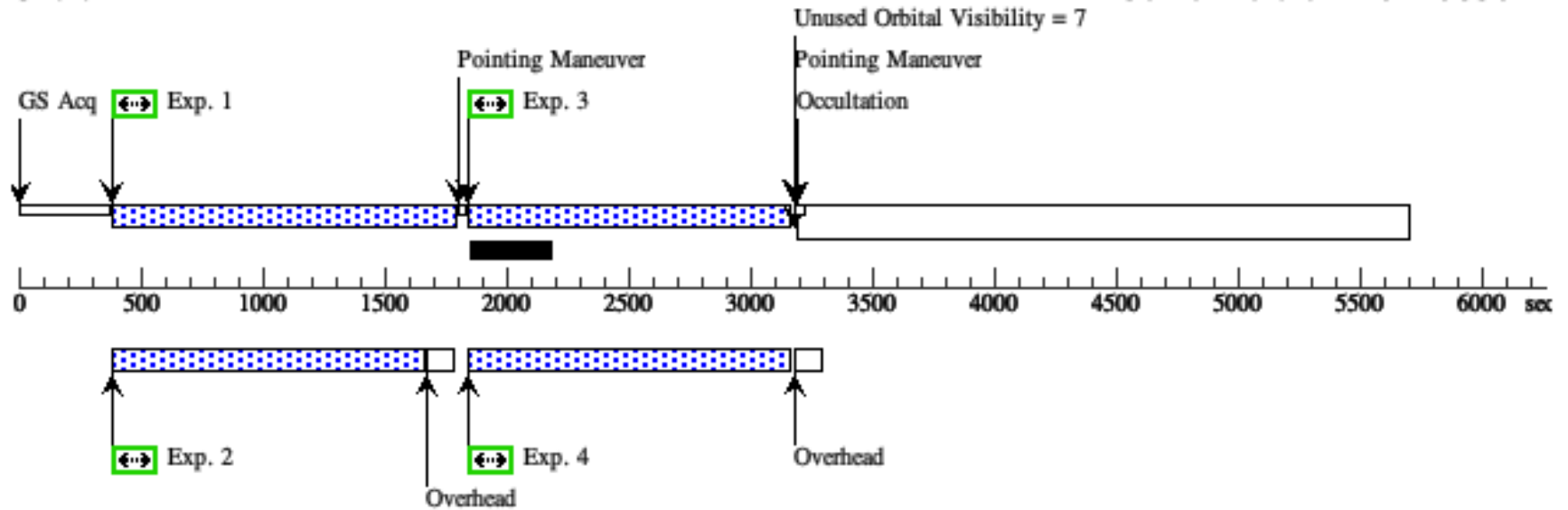


Proposal 16667 - 10 MACS0417 NIRISS Prime NIRCAM Parallel (24) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 10 MACS0417 NIRISS Prime NIRCAM Parallel (24), completed							Fri Nov 04 12:01:00 GMT 2022		
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 40%; ORIENT 292D TO 294 D; AFTER 21 BY 3 D TO 4 D; VISIBILITY INTERVAL 3190 S									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F435W in prime 2 orbits F438W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000			V=29	Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.27,2.49; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 10 MACS0417 NIRISS Prime NIRCAM Parallel (24)	1200 Secs (1200 Secs) [==>]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=10		Prime + Parallel Group 1-2 in 10 MACS0417 NIRISS Prime NIRCAM Parallel (24)	1250 Secs (1250 Secs) [==>]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -29.27,37.49	Prime + Parallel Group 3-4 in 10 MACS0417 NIRISS Prime NIRCAM Parallel (24)	1200 Secs (1200 Secs) [==>]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 3-4 in 10 MACS0417 NIRISS Prime NIRCAM Parallel (24)	1250 Secs (1326 Secs) [==>1326.0 Secs]	[1]
	5		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 30.73,37.49	Prime + Parallel Group 5-6 in 10 MACS0417 NIRISS Prime NIRCAM Parallel (24)	1200 Secs (1235 Secs) [==>1235.0 Secs]	[2]
	6		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 5-6 in 10 MACS0417 NIRISS Prime NIRCAM Parallel (24)	1250 Secs (1290 Secs) [==>1290.0 Secs]	[2]
	7		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 30.73,2.49	Prime + Parallel Group 7-8 in 10 MACS0417 NIRISS Prime NIRCAM Parallel (24)	1200 Secs (1235 Secs) [==>1235.0 Secs]	[2]
	8		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 7-8 in 10 MACS0417 NIRISS Prime NIRCAM Parallel (24)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]

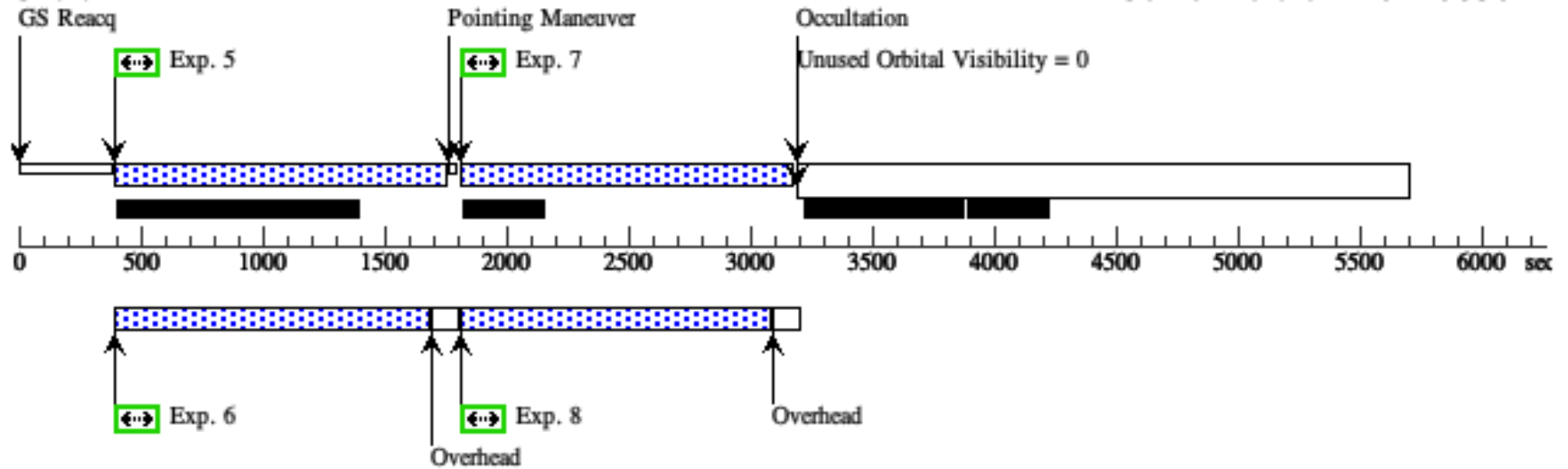
Orbit 1

Server Version: 20220630



Orbit 2

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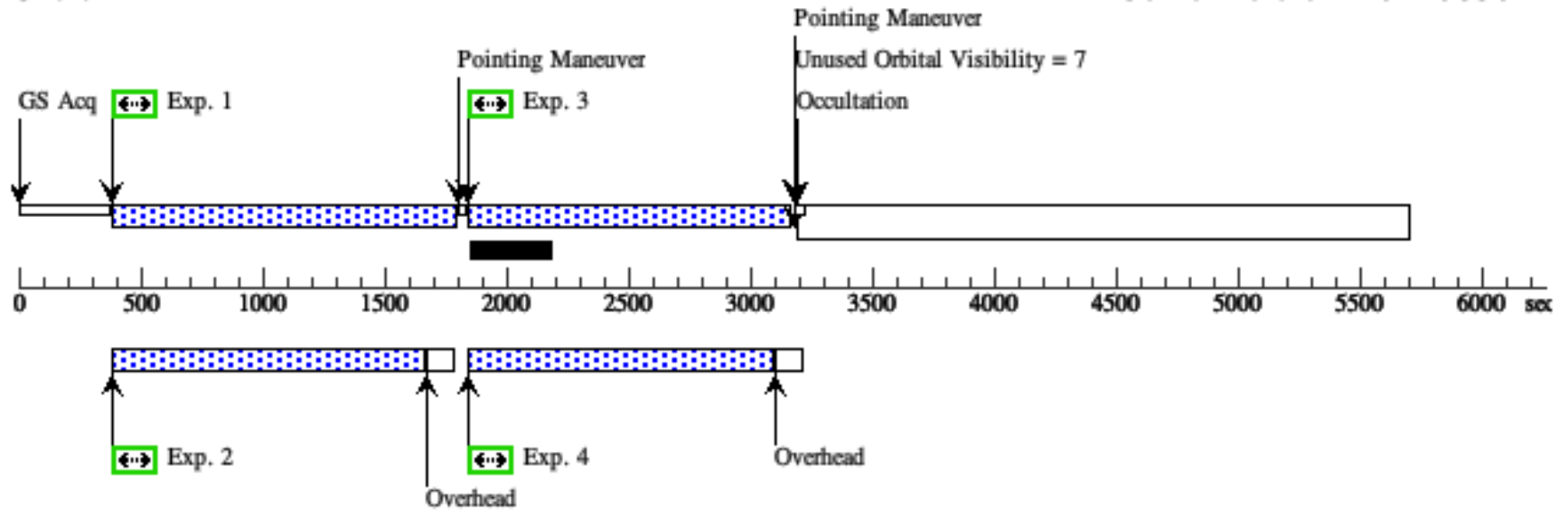


Proposal 16667 - 11 MACS0417 NIRISS Prime NIRCAM Parallel (25) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 11 MACS0417 NIRISS Prime NIRCAM Parallel (25), completed							Fri Nov 04 12:01:00 GMT 2022		
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 40%; ORIENT 292D TO 294 D; AFTER 21 BY 4 D TO 5 D; VISIBILITY INTERVAL 3190 S									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F435W in prime 2 orbits F438W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000			V=29	Reference Frame: ICRS			
Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.66,5 .02; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 11 MACS0417 NIRISS Prime NIRCAM Parallel (25)	1200 Secs (1200 Secs) [==>]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F438W	FLASH=10		Prime + Parallel Group 1-2 in 11 MACS0417 NIRISS Prime NIRCAM Parallel (25)	1250 Secs (1250 Secs) [==>]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -28.66,4 0.02	Prime + Parallel Group 3-4 in 11 MACS0417 NIRISS Prime NIRCAM Parallel (25)	1200 Secs (1200 Secs) [==>]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 3-4 in 11 MACS0417 NIRISS Prime NIRCAM Parallel (25)	1250 Secs (1250 Secs) [==>]	[1]
	5		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 31.34,40 .02	Prime + Parallel Group 5-6 in 11 MACS0417 NIRISS Prime NIRCAM Parallel (25)	1200 Secs (1200 Secs) [==>]	[2]
	6		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 5-6 in 11 MACS0417 NIRISS Prime NIRCAM Parallel (25)	1250 Secs (1250 Secs) [==>]	[2]
	7		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 31.34,5. 02	Prime + Parallel Group 7-8 in 11 MACS0417 NIRISS Prime NIRCAM Parallel (25)	1200 Secs (1200 Secs) [==>]	[2]
	8		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F438W	FLASH=10		Prime + Parallel Group 7-8 in 11 MACS0417 NIRISS Prime NIRCAM Parallel (25)	1250 Secs (1250 Secs) [==>]	[2]

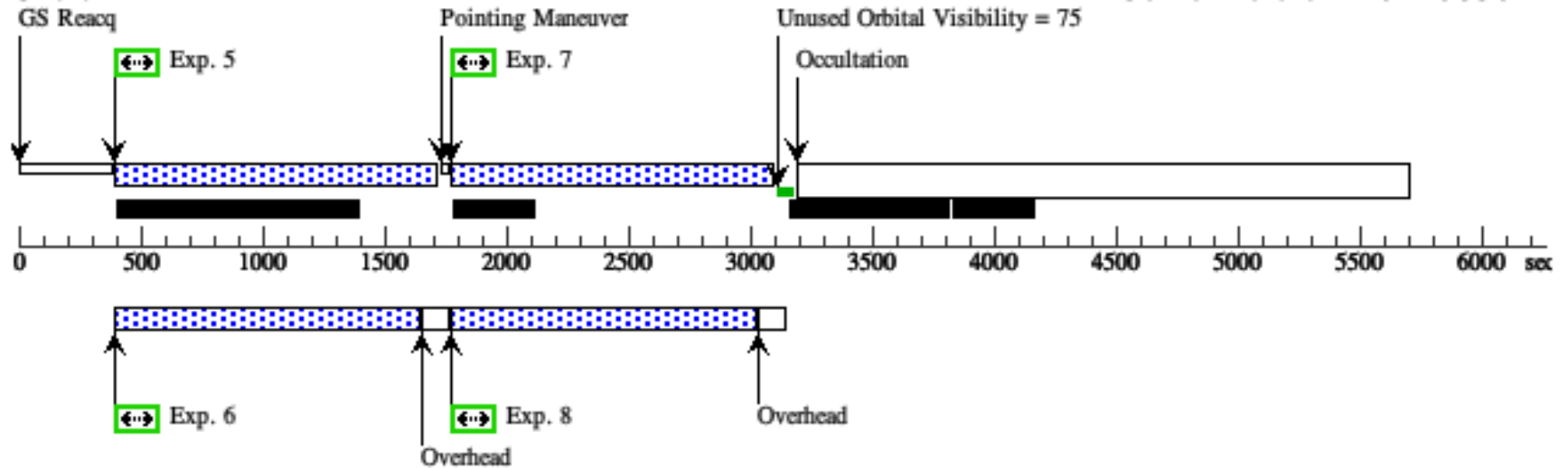
Orbit 1

Server Version: 20220630



Orbit 2

Server Version: 20220630

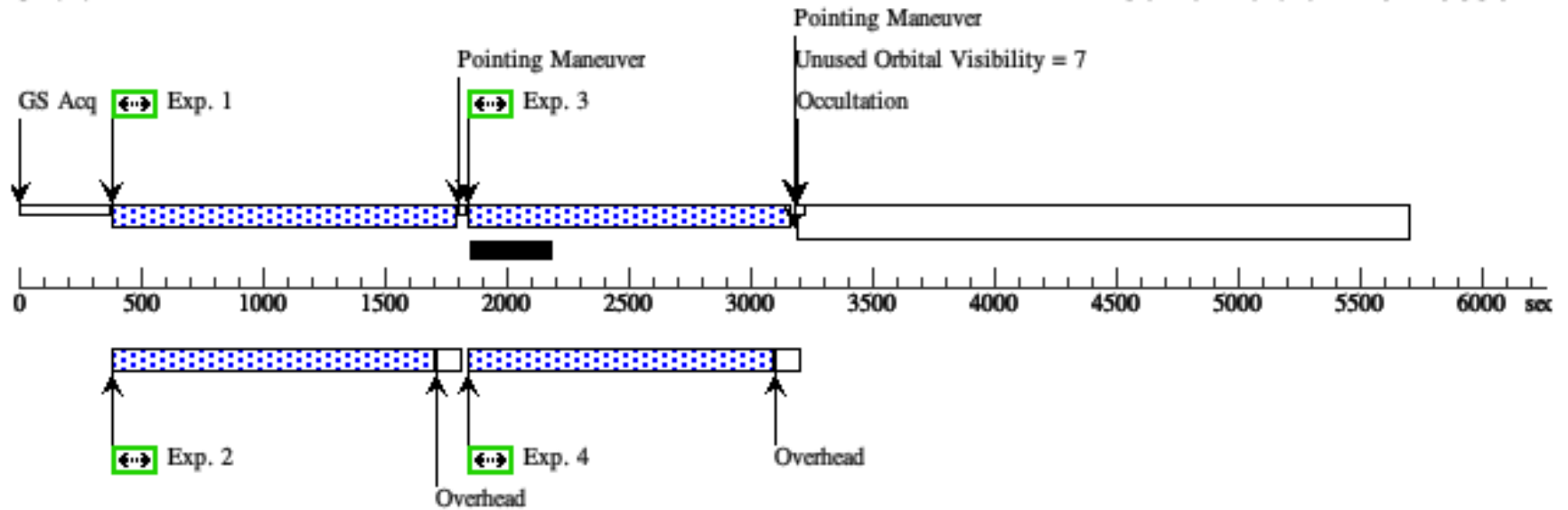


Proposal 16667 - 12 MACS0417 NIRISS Prime NIRCAM Parallel (26) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 12 MACS0417 NIRISS Prime NIRCAM Parallel (26), completed								Fri Nov 04 12:01:00 GMT 2022	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 40%; ORIENT 292D TO 294 D; AFTER 21 BY 6 D TO 7 D; VISIBILITY INTERVAL 3190 S									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F606W in prime 2 orbits F606W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000			V=29		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -28.75,4 .15; GS ACQ SCENARI O BASE1B3	Prime + Parallel Gro up 1-2 in 12 MACS0 417 NIRISS Prime N IRCAM Parallel (26)	1200 Secs (1200 Secs) [==>]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			Prime + Parallel Gro up 1-2 in 12 MACS0 417 NIRISS Prime N IRCAM Parallel (26)	1250 Secs (1290 Secs) [==>1290.0 Secs]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -28.75,3 9.15	Prime + Parallel Gro up 3-4 in 12 MACS0 417 NIRISS Prime N IRCAM Parallel (26)	1200 Secs (1200 Secs) [==>]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Gro up 3-4 in 12 MACS0 417 NIRISS Prime N IRCAM Parallel (26)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 31.25,39 .15	Prime + Parallel Gro up 5-6 in 12 MACS0 417 NIRISS Prime N IRCAM Parallel (26)	1200 Secs (1240 Secs) [==>1240.0 Secs]	[2]
	6		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Gro up 5-6 in 12 MACS0 417 NIRISS Prime N IRCAM Parallel (26)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 31.25,4 15	Prime + Parallel Gro up 7-8 in 12 MACS0 417 NIRISS Prime N IRCAM Parallel (26)	1200 Secs (1240 Secs) [==>1240.0 Secs]	[2]
	8		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Gro up 7-8 in 12 MACS0 417 NIRISS Prime N IRCAM Parallel (26)	1250 Secs (1260 Secs) [==>1260.0 Secs]	[2]

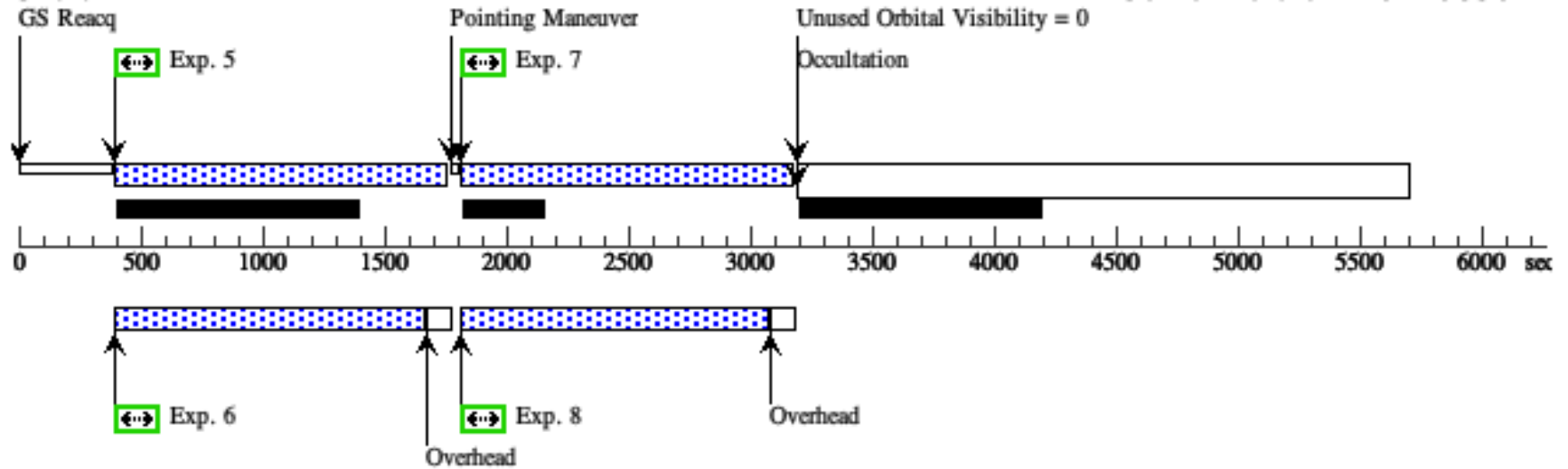
Orbit 1

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Orbit 2

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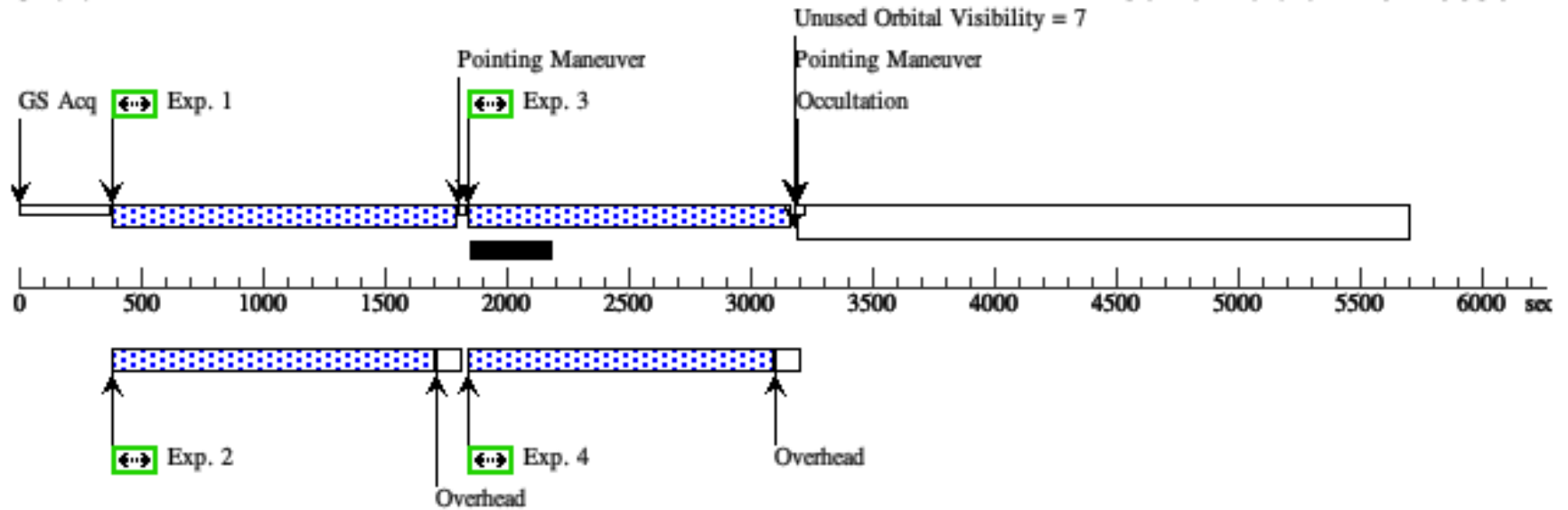


Proposal 16667 - 13 MACS0417 NIRISS Prime NIRCAM Parallel (27) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 13 MACS0417 NIRISS Prime NIRCAM Parallel (27), completed							Fri Nov 04 12:01:00 GMT 2022		
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 40%; ORIENT 292D TO 294 D; AFTER 21 BY 7 D TO 8 D; VISIBILITY INTERVAL 3190 S									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F606W in prime 2 orbits F606W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000			V=29		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -28.34,1.68; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 13 MACS0417 NIRISS Prime NIRCAM Parallel (27)	1200 Secs (1200 Secs) [==>]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			Prime + Parallel Group 1-2 in 13 MACS0417 NIRISS Prime NIRCAM Parallel (27)	1250 Secs (1290 Secs) [==>1290.0 Secs]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -28.34,36.68	Prime + Parallel Group 3-4 in 13 MACS0417 NIRISS Prime NIRCAM Parallel (27)	1200 Secs (1200 Secs) [==>]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 3-4 in 13 MACS0417 NIRISS Prime NIRCAM Parallel (27)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 31.66,36.68	Prime + Parallel Group 5-6 in 13 MACS0417 NIRISS Prime NIRCAM Parallel (27)	1200 Secs (1240 Secs) [==>1240.0 Secs]	[2]
	6		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 5-6 in 13 MACS0417 NIRISS Prime NIRCAM Parallel (27)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 31.66,1.68	Prime + Parallel Group 7-8 in 13 MACS0417 NIRISS Prime NIRCAM Parallel (27)	1200 Secs (1240 Secs) [==>1240.0 Secs]	[2]
	8		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 7-8 in 13 MACS0417 NIRISS Prime NIRCAM Parallel (27)	1250 Secs (1260 Secs) [==>1260.0 Secs]	[2]

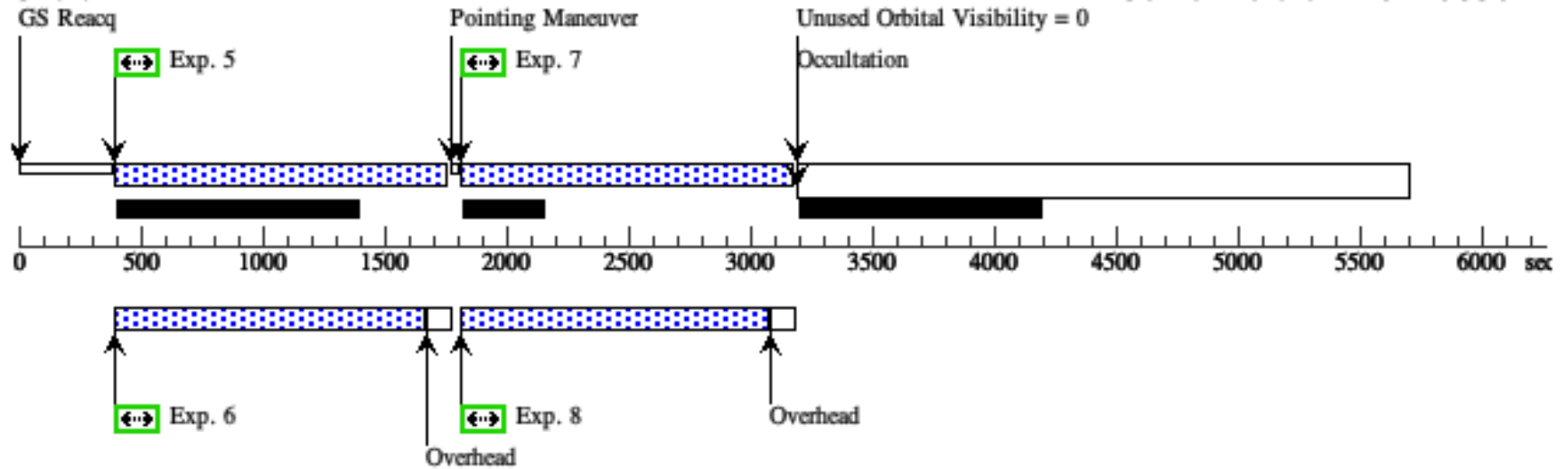
Orbit 1

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Orbit 2

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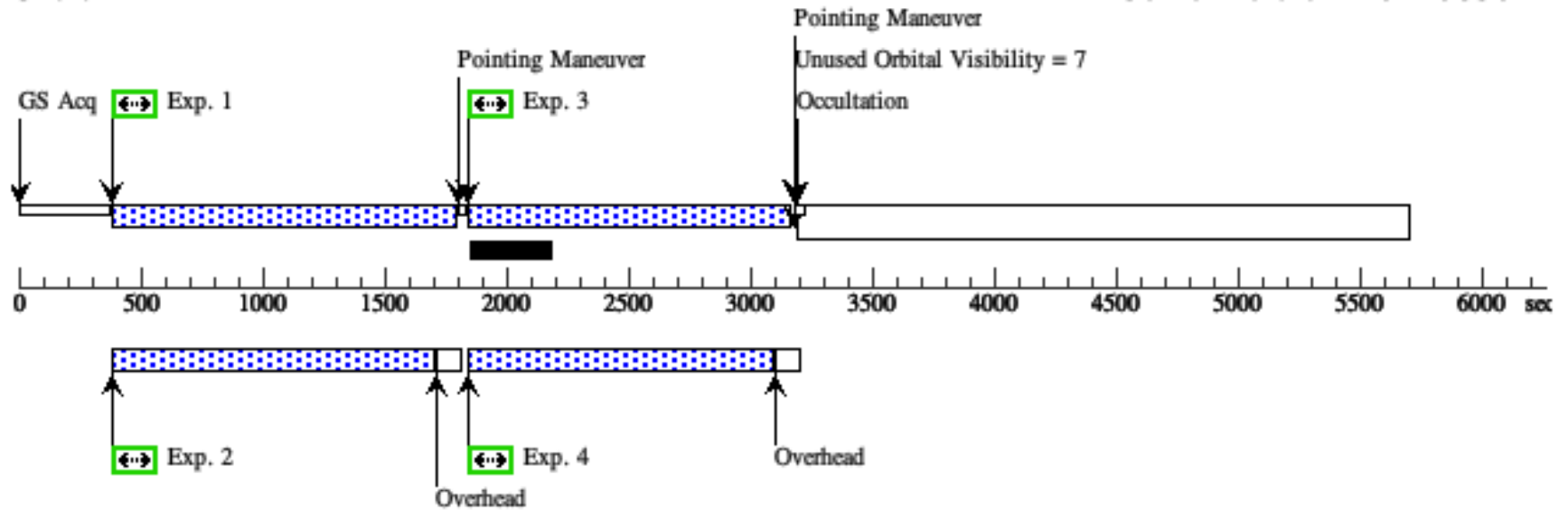


Proposal 16667 - 14 MACS0417 NIRISS Prime NIRCAM Parallel (28) - The Final Frontier: HST and JWST Exploration of Galaxies Acr...

Visit	Proposal 16667, 14 MACS0417 NIRISS Prime NIRCAM Parallel (28), completed							Fri Nov 04 12:01:00 GMT 2022		
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 40%; ORIENT 292D TO 294 D; AFTER 21 BY 8 D TO 9 D; VISIBILITY INTERVAL 3190 S									
	Comments: NIRISS Prime NIRCAM Parallel Cover NIRCAM 2 orbits F606W in prime 2 orbits F606W in Parallel									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	MACSJ0417	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000			V=29	Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -28.53,6.71; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in 14 MACS0417 NIRISS Prime NIRCAM Parallel (28)	1200 Secs (1200 Secs) [==>]	[1]
	2		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-CENTER	F606W			Prime + Parallel Group 1-2 in 14 MACS0417 NIRISS Prime NIRCAM Parallel (28)	1250 Secs (1290 Secs) [==>1290.0 Secs]	[1]
	3		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -28.53,41.71	Prime + Parallel Group 3-4 in 14 MACS0417 NIRISS Prime NIRCAM Parallel (28)	1200 Secs (1200 Secs) [==>]	[1]
	4		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 3-4 in 14 MACS0417 NIRISS Prime NIRCAM Parallel (28)	1250 Secs (1250 Secs) [==>1250.0 Secs]	[1]
	5		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 31.47,41.71	Prime + Parallel Group 5-6 in 14 MACS0417 NIRISS Prime NIRCAM Parallel (28)	1200 Secs (1240 Secs) [==>1240.0 Secs]	[2]
	6		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 5-6 in 14 MACS0417 NIRISS Prime NIRCAM Parallel (28)	1250 Secs (1270 Secs) [==>1270.0 Secs]	[2]
	7		(2) MACSJ0417	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 31.47,6.71	Prime + Parallel Group 7-8 in 14 MACS0417 NIRISS Prime NIRCAM Parallel (28)	1200 Secs (1240 Secs) [==>1240.0 Secs]	[2]
	8		(2) MACSJ0417	WFC3/UVIS, ACCUM, UVIS-FIX	F606W			Prime + Parallel Group 7-8 in 14 MACS0417 NIRISS Prime NIRCAM Parallel (28)	1250 Secs (1260 Secs) [==>1260.0 Secs]	[2]

Orbit 1

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Orbit 2

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