



16278 - Flashlights: Many Extremely Magnified Individual Stars as Probes of Dark Matter and Stellar Populations to Redshift $z \sim 2$

Cycle: 28, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>
Dr. Patrick Kelly (PI) (Contact)	University of Minnesota - Twin Cities
Dr. Jose M. Diego (CoI) (ESA Member)	Instituto de Fisica de Cantabria
Prof. Liliya L.R. Williams (CoI)	University of Minnesota - Twin Cities
Prof. Alex V. Filippenko (CoI)	University of California - Berkeley
Prof. Masamune Oguri (CoI)	Chiba University
Prof. Adi Zitrin (CoI)	Ben Gurion University of the Negev
Prof. Tommaso L. Treu (CoI)	University of California - Los Angeles
Dr. Nick Kaiser (CoI) (ESA Member)	Ecole Normale Supérieure
Prof. Claudia Scarlata (CoI)	University of Minnesota - Twin Cities
Dr. Nathan Smith (CoI)	University of Arizona
Prof. Thomas J. Broadhurst (CoI) (ESA Member)	University of the Basque Country
Dr. Daniel R. Weisz (CoI)	University of California - Berkeley
Mr. Amruth Alfred (CoI)	University of Hong Kong
Mr. Enoch Leung (CoI)	The Johns Hopkins University
Laura Salo (CoI)	Hillsdale College
Ana Acebron (CoI) (ESA Member)	Università di Milano
Dr. Vihang Mehta (CoI)	University of Minnesota - Twin Cities
Prof. Jeremy Lim (CoI)	University of Hong Kong
Dr. Razieh Emami (CoI)	Smithsonian Institution Astrophysical Observatory

<i>Name</i>	<i>Institution</i>
Prof. Ryan Foley (CoI)	University of California - Santa Cruz

VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
41	(9) ABELL-S1063 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:00:58.0	yes
42	(9) ABELL-S1063 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:00:59.0	yes
43	(9) ABELL-S1063 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:00:59.0	yes
44	(9) ABELL-S1063 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:00.0	yes
45	(9) ABELL-S1063 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:01.0	yes
46	(9) ABELL-S1063 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:02.0	yes
47	(9) ABELL-S1063 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:03.0	yes
48	(9) ABELL-S1063 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:04.0	yes
49	(7) ABELL-2744 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:05.0	yes
50	(7) ABELL-2744 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:05.0	yes
51	(7) ABELL-2744 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:06.0	yes
52	(7) ABELL-2744 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:08.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
53	(7) ABELL-2744 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:08.0	yes
54	(7) ABELL-2744 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:09.0	yes
55	(7) ABELL-2744 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:10.0	yes
56	(7) ABELL-2744 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:11.0	yes
57	(1) ABELL-370 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:12.0	yes
58	(1) ABELL-370 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:12.0	yes
59	(1) ABELL-370 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:13.0	yes
60	(1) ABELL-370 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:14.0	yes
61	(1) ABELL-370 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:15.0	yes
62	(1) ABELL-370 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:16.0	yes
63	(1) ABELL-370 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:17.0	yes
64	(1) ABELL-370 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:18.0	yes
65	(3) MACSJ1149.5+2223 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:19.0	yes
66	(3) MACSJ1149.5+2223 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:19.0	yes

Proposal 16278 (STScI Edit Number: 15, Created: Wednesday, January 3, 2024 at 11:01:39 AM Eastern Standard Time) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
67	(3) MACSJ1149.5+2223 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:20.0	yes
68	(3) MACSJ1149.5+2223 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:21.0	yes
69	(3) MACSJ1149.5+2223 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:22.0	yes
70	(3) MACSJ1149.5+2223 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:23.0	yes
71	(3) MACSJ1149.5+2223 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:23.0	yes
72	(3) MACSJ1149.5+2223 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:24.0	yes
73	(5) MACSJ0416.1-2403 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:26.0	yes
74	(5) MACSJ0416.1-2403 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:26.0	yes
75	(5) MACSJ0416.1-2403 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:27.0	yes
76	(5) MACSJ0416.1-2403 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:28.0	yes
77	(5) MACSJ0416.1-2403 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:29.0	yes
78	(5) MACSJ0416.1-2403 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:30.0	yes
79	(5) MACSJ0416.1-2403 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:31.0	yes
80	(5) MACSJ0416.1-2403 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:32.0	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>
81	(11) MACSJ0717.5+3745 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:32.0	yes
82	(11) MACSJ0717.5+3745 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:34.0	yes
83	(11) MACSJ0717.5+3745 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:34.0	yes
84	(11) MACSJ0717.5+3745 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:35.0	yes
85	(11) MACSJ0717.5+3745 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:36.0	yes
86	(11) MACSJ0717.5+3745 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:37.0	yes
87	(11) MACSJ0717.5+3745 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:38.0	yes
88	(11) MACSJ0717.5+3745 ANY	ACS/WFC WFC3/UVIS	2	03-Jan-2024 11:01:39.0	yes

96 Total Orbits Used

ABSTRACT

A total of four bright microlensing events (<26.5 mag AB) of individual luminous stars at redshift $z=1-2$ have recently been discovered in Hubble Space Telescope observations of galaxy-cluster gravitational lenses. The frequency of these events appears to be greater than expected, and a sufficiently elevated rate would directly imply the existence of compact objects consisting of even 1-2% of dark matter. Galaxy-cluster fields also highly magnify the galaxies responsible for the reionization of the universe, yet lens models require improvement to predict the magnifications of high-redshift galaxies accurately. Finally, we lack constraints on the stellar luminosity function at $z=1-2$.

We propose two epochs of unfiltered ACS WFC and WFC3 UVIS imaging of each of the six Hubble Frontier Field (HFF) galaxy clusters fields with a single-visit five-sigma limiting magnitude of 31 AB. The observations will detect of order 100 microlensing events at three-sigma and two dozen at five-sigma significance, as well as

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an equal number of always-visible pairs of stellar images. If only 2% of dark matter consists of primordial black holes, then we will detect five times as many microlensing events.

The pairs of stellar images will stringently constrain lens models, probe the abundance of low-mass dark-matter halos, and evaluate the possibility that dark matter consists of ultra-light bosons. The relative rates of microlensing events across lensed galaxies will measure variations in their stellar luminosity functions.

The proposed imaging program will, finally, identify low-redshift contaminants in James Webb Space Telescope Lyman-break galaxy samples, and detect ultra-faint galaxies.

OBSERVING DESCRIPTION

We will acquire two epochs of deep, unfiltered ACS WFC and WFC3 UVIS imaging of each of the six Hubble Frontier Field (HFF; PI: Lotz) galaxy-cluster fields. The program will acquire simultaneous unfiltered ACS WFC and WFC3 UVIS imaging of primary and parallel fields. During each sixteen-orbit visit to each HFF cluster target, we plan to alternate between ACS WFC and WFC UVIS observations of the prime field. As described in the proposal, the detectors' differing sensitivity as a function of wavelength will provide approximate information about the spectral energy distributions of lensed sources. This alternating strategy means that we will acquire a pair of parallel fields on opposite sides of the cluster during each visit. One of these will be observed using ACS WFC and the other WFC3 UVIS.

The imaging will provide unprecedented sensitivity to the microlensing fluctuations of individual, background stars arising from objects in the foreground galaxy-cluster lenses. The rate of microlensing events will have sensitivity to even a small fraction ($\sim 1\text{-}2\%$) of dark matter in the form of compact objects, and constrain the luminosity function of stellar populations up to redshift $z \sim 2$. Moreover, the extremely deep integrations will provide a powerful new dataset for studying the faint end of the galaxy luminosity function across a significant fraction of cosmic history and the nature of ultra-diffuse galaxies, as well as enable additional significant scientific investigations.

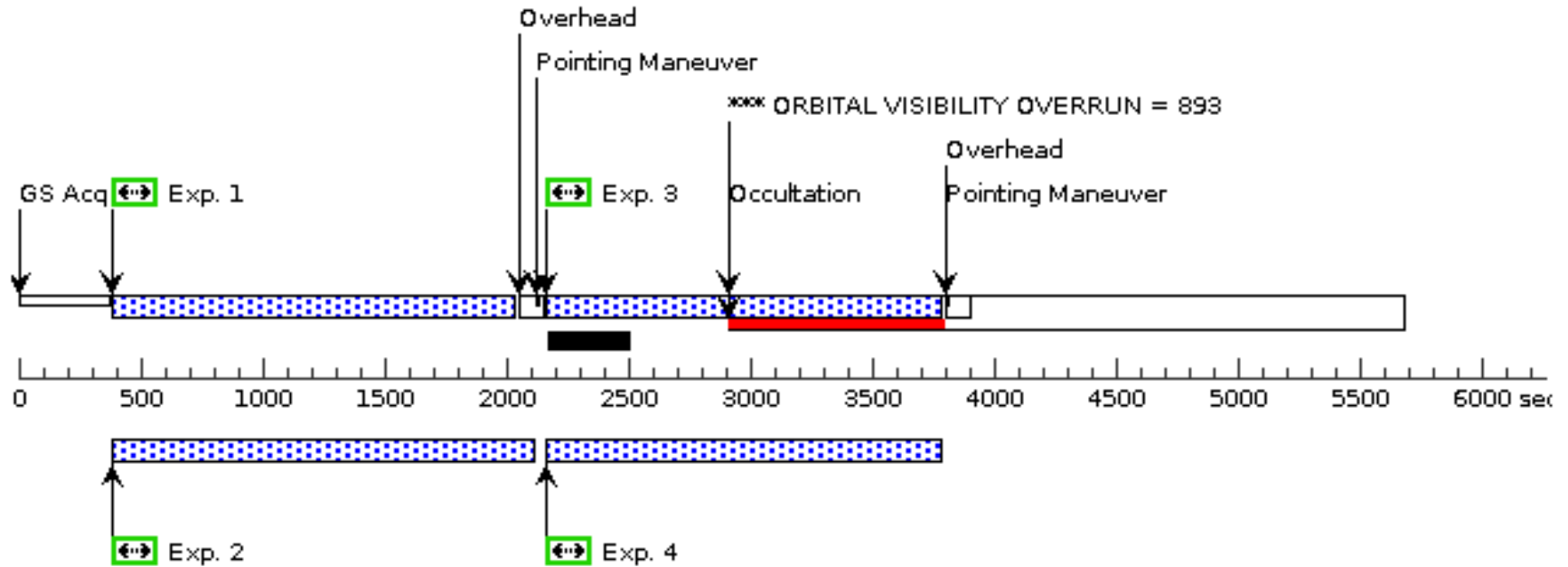
A primary purpose of the parallel-field observations is to carry out a control experiment to measure the rate of transients corresponding to both instrumental artifacts and stellar outbursts in galaxies in the parallel fields. We can then model the measured rate of instrumental artifacts or outbursts (controlling for magnification) in the parallel fields, and subtract the estimated rate from that measured in highly magnified galaxies in the prime field.

Proposal 16278 - ABELL-S1063 WFC3/UVIS F350LP Primary (41) - Flashlights: Many Extremely Magnified Individual Stars as Probes...

Visit	Proposal 16278, ABELL-S1063 WFC3/UVIS F350LP Primary (41), completed								Wed Jan 03 16:01:39 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; ORIENT 237.5D TO 238.5 D; SEQ 41,42,43,44,45,46,47,48 WITHIN 16 Orbits									
Comments: Preferred orient = 237.95 to match Cycle 27 vists and										
Diagnostics	(ABELL-S1063 WFC3/UVIS F350LP Primary (41)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-S1063 WFC3/UVIS F350LP Primary (41)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	ABELL-S1063	RA: 22 48 44.3000 (342.1845833d) Dec: -44 31 48.40 (-44.53011d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2410 03125,1.2380015625 ; GSPAIR SC0K0002 50F1SC0K000255F2	Prime + Parallel Group 1-2 in ABELL-S1063 WFC3/UVIS F350LP Primary (41)	1625 Secs (1625 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in ABELL-S1063 WFC3/UVIS F350LP Primary (41)	1520 Secs (1520 Secs) [==>]	[1]
	3		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.12792 6562,1.29447812	Prime + Parallel Group 3-4 in ABELL-S1063 WFC3/UVIS F350LP Primary (41)	1625 Secs (1625 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in ABELL-S1063 WFC3/UVIS F350LP Primary (41)	1500 Secs (1500 Secs) [==>]	[1]
	5		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2113 03125,-3.332098	Prime + Parallel Group 5-6 in ABELL-S1063 WFC3/UVIS F350LP Primary (41)	1390 Secs (1390 Secs) [==>]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in ABELL-S1063 WFC3/UVIS F350LP Primary (41)	1300 Secs (1300 Secs) [==>]	[2]
	7		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.24533 437500000002,-3.49 96984375	Prime + Parallel Group 7-8 in ABELL-S1063 WFC3/UVIS F350LP Primary (41)	1390 Secs (1390 Secs) [==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in ABELL-S1063 WFC3/UVIS F350LP Primary (41)	1260 Secs (1260 Secs) [==>]	[2]

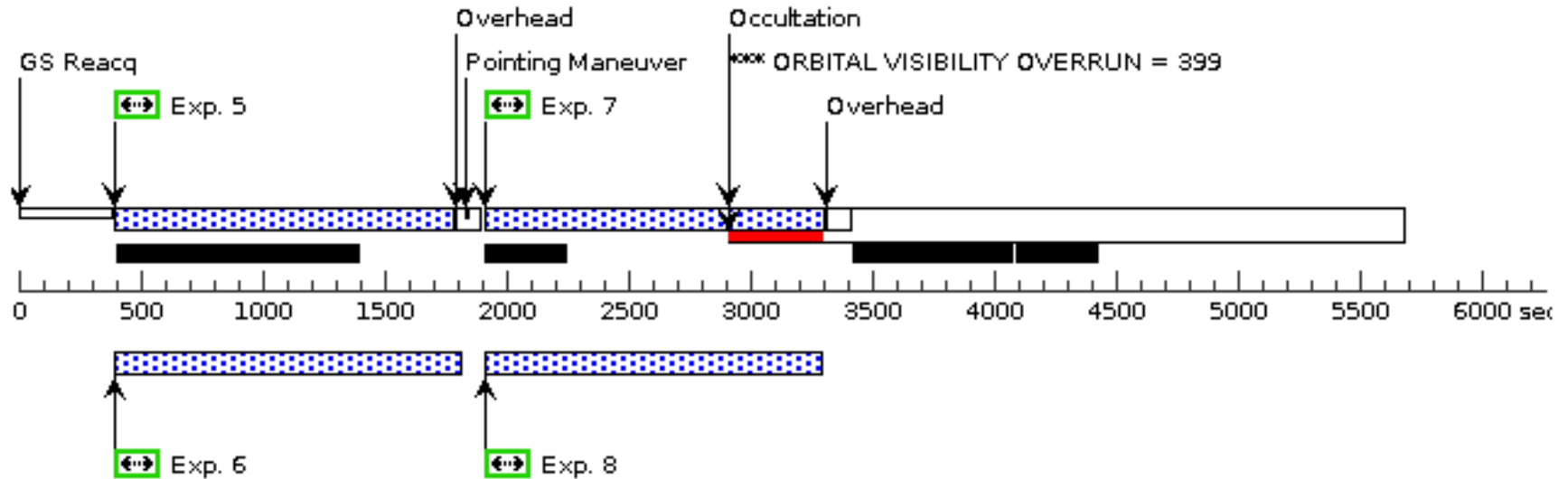
Orbit 1

Server Version: 20230626



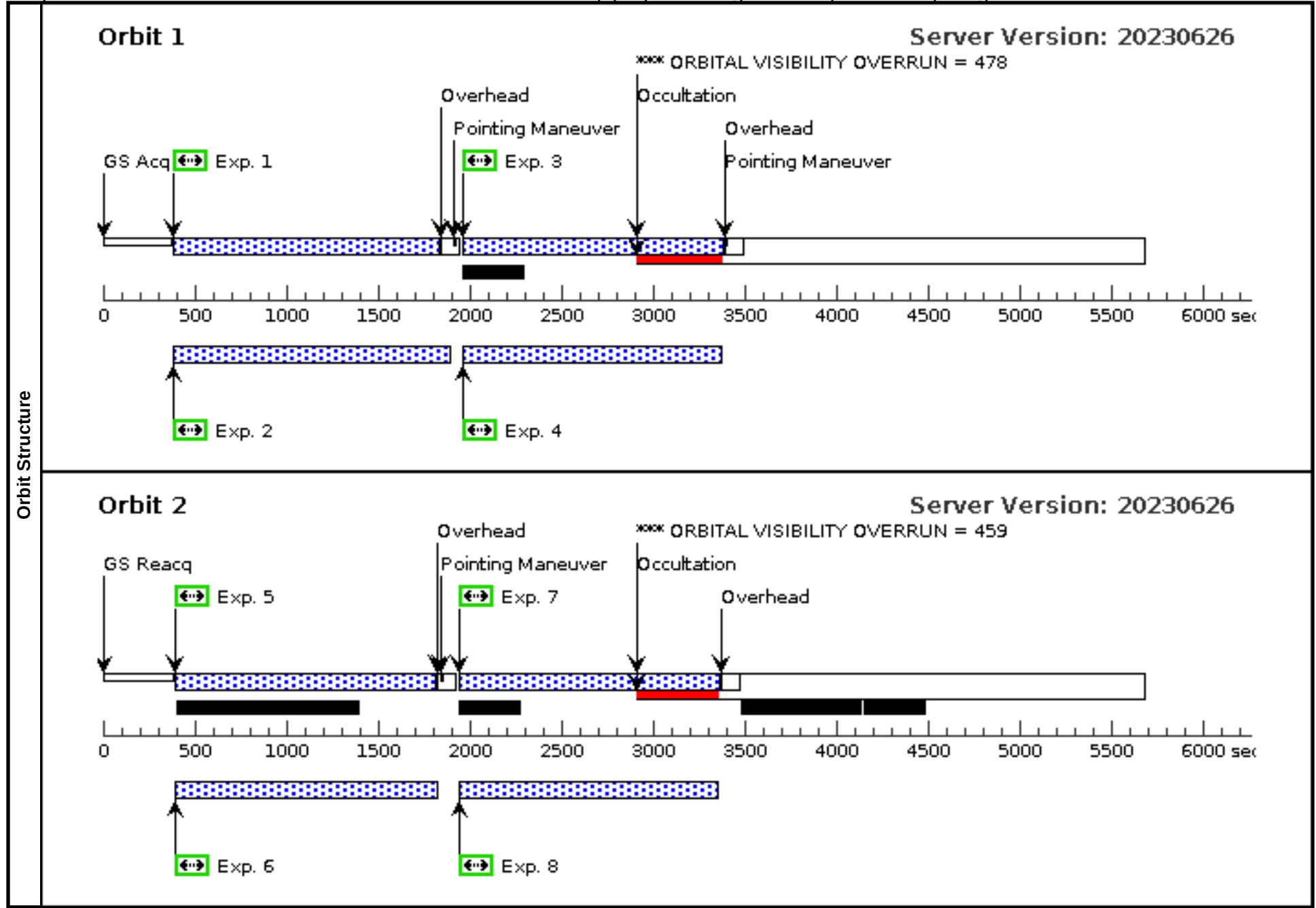
Orbit 2

Server Version: 20230626



Proposal 16278 - ABELL-S1063 WFC3/UVIS F200LP Primary (42) - Flashlights: Many Extremely Magnified Individual Stars as Probes...

Visit	Proposal 16278, ABELL-S1063 WFC3/UVIS F200LP Primary (42), completed								Wed Jan 03 16:01:39 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 41									
Diagnostics	(ABELL-S1063 WFC3/UVIS F200LP Primary (42)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-S1063 WFC3/UVIS F200LP Primary (42)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	ABELL-S1063	RA: 22 48 44.3000 (342.1845833d) Dec: -44 31 48.40 (-44.53011d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1047 234375,1.293428125 ; GSPAIR SC0K0002 50F1SC0K000255F2	Prime + Parallel Group 1-2 in ABELL-S1063 WFC3/UVIS F200LP Primary (42)	1418 Secs (1418 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in ABELL-S1063 WFC3/UVIS F200LP Primary (42)	1309 Secs (1309 Secs) [==>]	[1]
	3		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.0504 28125000000004,1.2 584015625	Prime + Parallel Group 3-4 in ABELL-S1063 WFC3/UVIS F200LP Primary (42)	1418 Secs (1418 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in ABELL-S1063 WFC3/UVIS F200LP Primary (42)	1290 Secs (1290 Secs) [==>]	[1]
	5		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.01283 90625000000002,-3.3 80540625	Prime + Parallel Group 5-6 in ABELL-S1063 WFC3/UVIS F200LP Primary (42)	1420 Secs (1420 Secs) [==>]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in ABELL-S1063 WFC3/UVIS F200LP Primary (42)	1310 Secs (1310 Secs) [==>]	[2]
	7		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.28880 15625,-3.372834375	Prime + Parallel Group 7-8 in ABELL-S1063 WFC3/UVIS F200LP Primary (42)	1420 Secs (1420 Secs) [==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in ABELL-S1063 WFC3/UVIS F200LP Primary (42)	1290 Secs (1290 Secs) [==>]	[2]

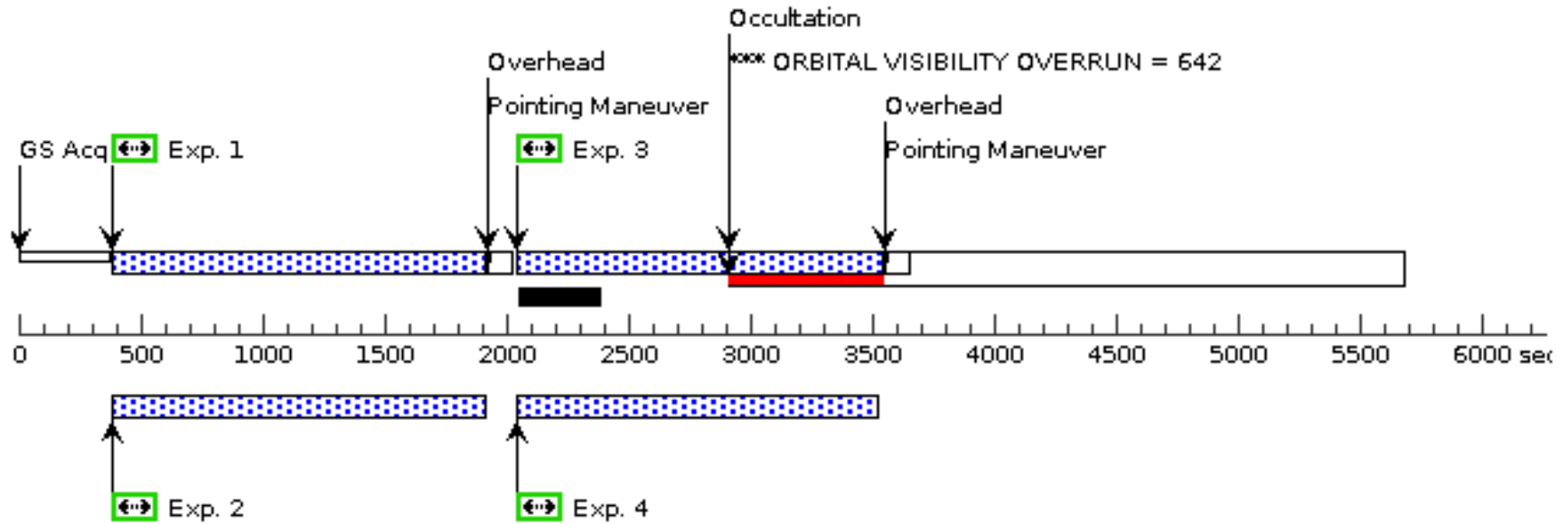


Proposal 16278 - ABELL-S1063 WFC3/UVIS F350LP Primary (43) - Flashlights: Many Extremely Magnified Individual Stars as Probes...

Visit	Proposal 16278, ABELL-S1063 WFC3/UVIS F350LP Primary (43), completed								Wed Jan 03 16:01:39 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 41									
Diagnostics	(ABELL-S1063 WFC3/UVIS F350LP Primary (43)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-S1063 WFC3/UVIS F350LP Primary (43)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	ABELL-S1063	RA: 22 48 44.3000 (342.1845833d) Dec: -44 31 48.40 (-44.53011d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2397 65625,1.2763515625 ; GSPAIR SC0K0002 50F1SC0K000255F2	Prime + Parallel Group 1-2 in ABELL-S1063 WFC3/UVIS F350LP Primary (43)	1500 Secs (1500 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in ABELL-S1063 WFC3/UVIS F350LP Primary (43)	1325 Secs (1325 Secs) [==>]	[1]
	3		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.03867 1875,1.5113515625	Prime + Parallel Group 3-4 in ABELL-S1063 WFC3/UVIS F350LP Primary (43)	1500 Secs (1500 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in ABELL-S1063 WFC3/UVIS F350LP Primary (43)	1360 Secs (1360 Secs) [==>]	[1]
	5		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0298 54687, -3.310006250 0000003	Prime + Parallel Group 5-6 in ABELL-S1063 WFC3/UVIS F350LP Primary (43)	1300 Secs (1300 Secs) [==>]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in ABELL-S1063 WFC3/UVIS F350LP Primary (43)	1170 Secs (1170 Secs) [==>]	[2]
	7		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.02196 5625000000003,-3.3 390296874999996	Prime + Parallel Group 7-8 in ABELL-S1063 WFC3/UVIS F350LP Primary (43)	1300 Secs (1300 Secs) [==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in ABELL-S1063 WFC3/UVIS F350LP Primary (43)	1170 Secs (1170 Secs) [==>]	[2]

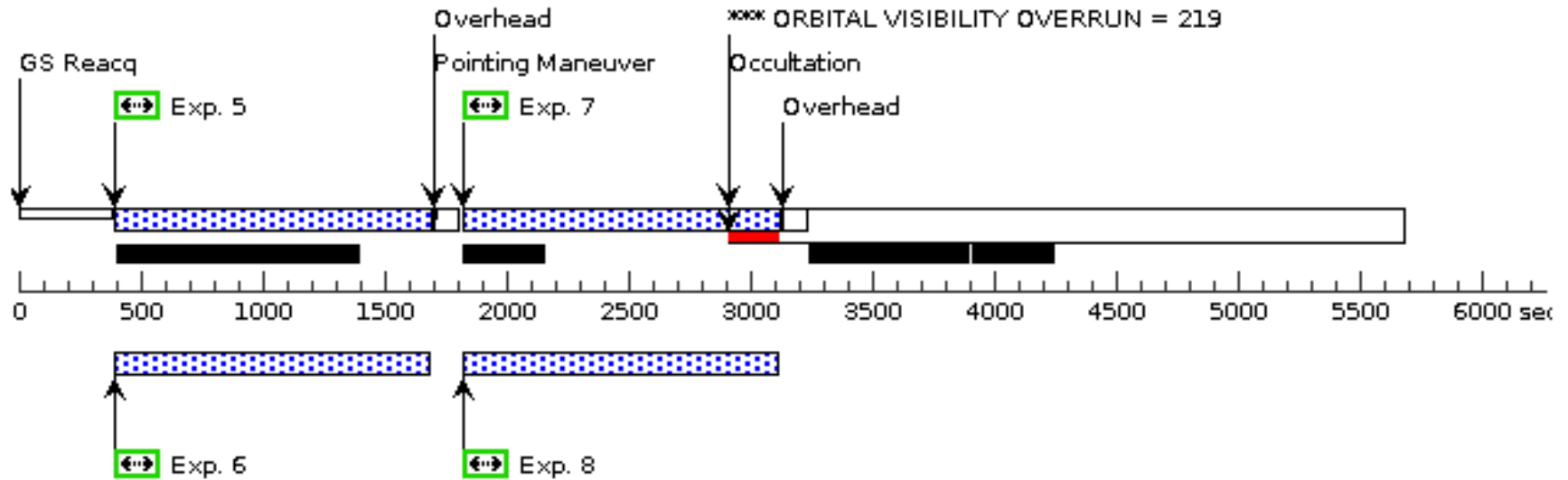
Orbit 1

Server Version: 20230626



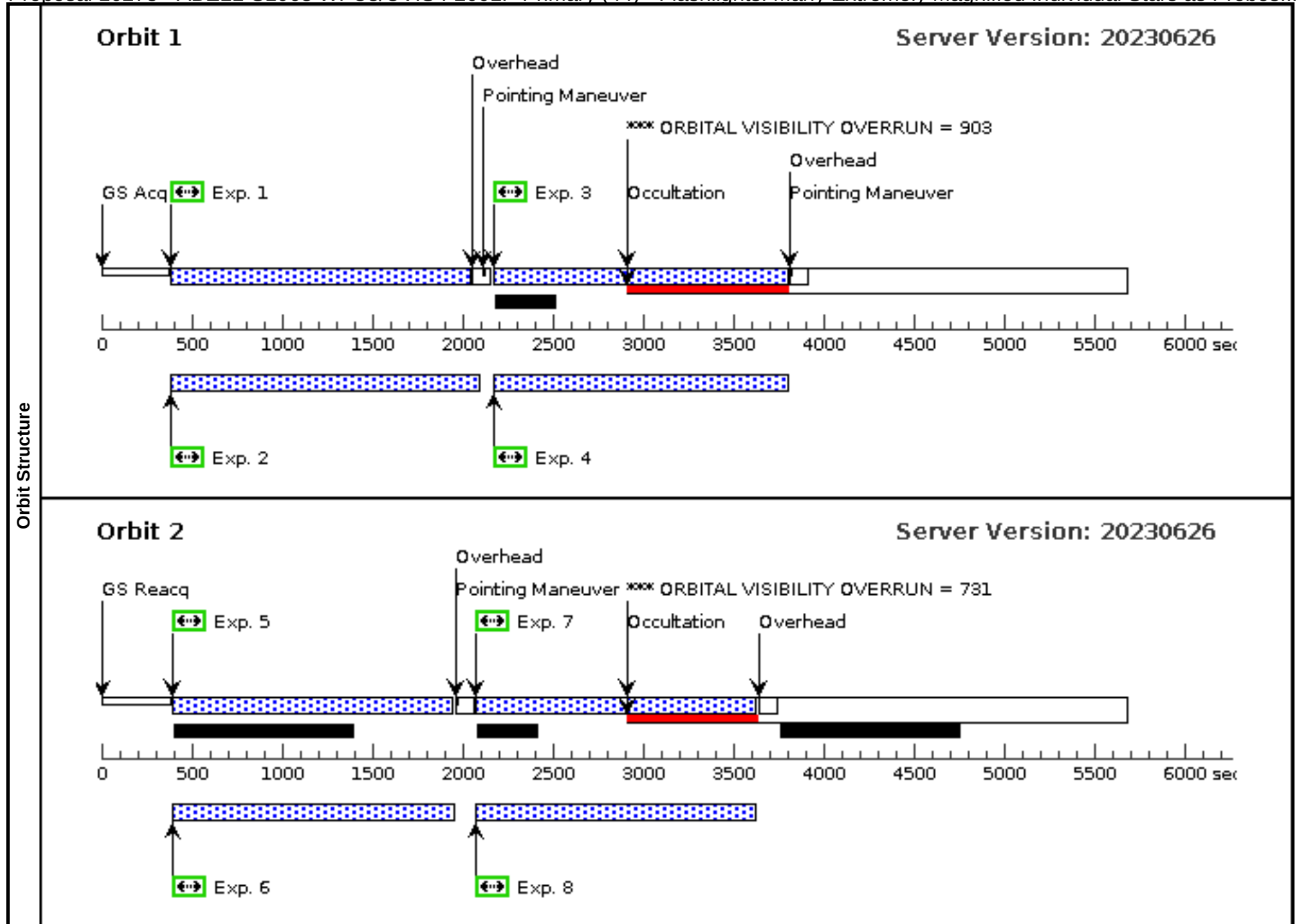
Orbit 2

Server Version: 20230626



Proposal 16278 - ABELL-S1063 WFC3/UVIS F200LP Primary (44) - Flashlights: Many Extremely Magnified Individual Stars as Probes...

Visit	Proposal 16278, ABELL-S1063 WFC3/UVIS F200LP Primary (44), completed								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 41									
Diagnostics	(ABELL-S1063 WFC3/UVIS F200LP Primary (44)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-S1063 WFC3/UVIS F200LP Primary (44)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	ABELL-S1063	RA: 22 48 44.3000 (342.1845833d) Dec: -44 31 48.40 (-44.53011d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1519 0312,1.3132015625; GSPAIR SC0K0002 50F1SC0K000255F2	Prime + Parallel Group 1-2 in ABELL-S1 063 WFC3/UVIS F2 00LP Primary (44)	1630 Secs (1630 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in ABELL-S1 063 WFC3/UVIS F2 00LP Primary (44)	1509 Secs (1509 Secs) [==>]	[1]
	3		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.17062 0312,1.30788124999 99999	Prime + Parallel Group 3-4 in ABELL-S1 063 WFC3/UVIS F2 00LP Primary (44)	1630 Secs (1630 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in ABELL-S1 063 WFC3/UVIS F2 00LP Primary (44)	1505 Secs (1505 Secs) [==>]	[1]
	5		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.01268 4375000000001,-3.5 698734375	Prime + Parallel Group 5-6 in ABELL-S1 063 WFC3/UVIS F2 00LP Primary (44)	1556 Secs (1556 Secs) [==>]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in ABELL-S1 063 WFC3/UVIS F2 00LP Primary (44)	1434 Secs (1434 Secs) [==>]	[2]
	7		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.15375 9375,-3.3750984375	Prime + Parallel Group 7-8 in ABELL-S1 063 WFC3/UVIS F2 00LP Primary (44)	1556 Secs (1556 Secs) [==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in ABELL-S1 063 WFC3/UVIS F2 00LP Primary (44)	1430 Secs (1430 Secs) [==>]	[2]

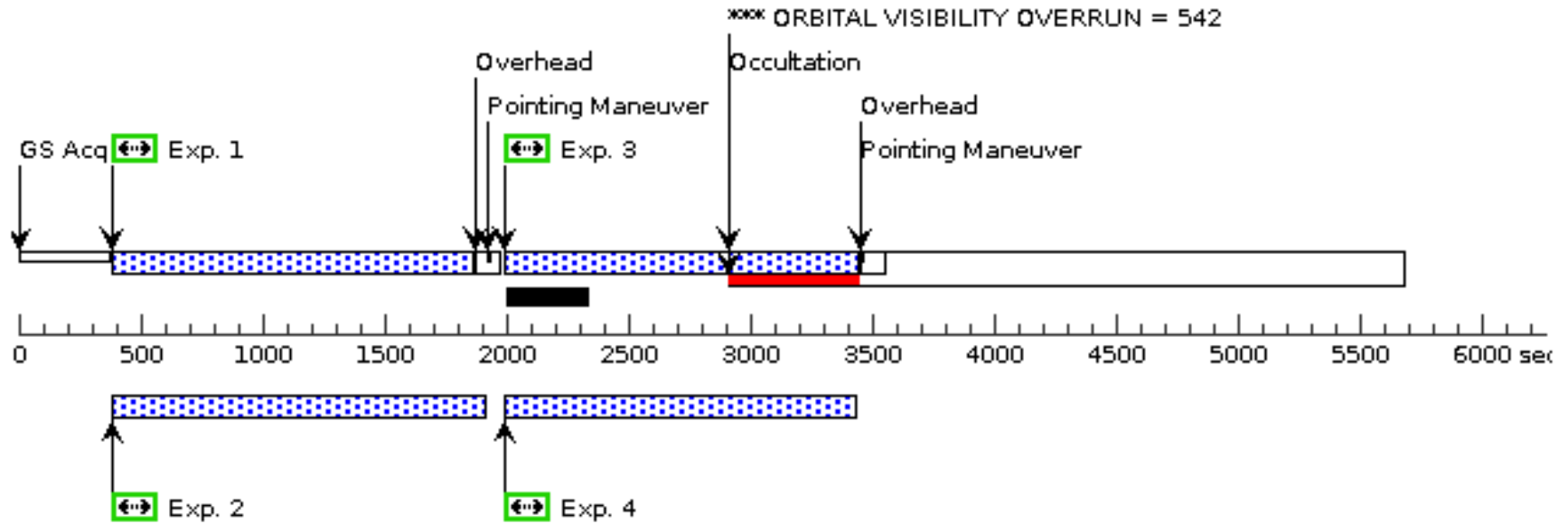


Proposal 16278 - ABELL-S1063 WFC3/UVIS F350LP Primary (45) - Flashlights: Many Extremely Magnified Individual Stars as Probes...

Visit	Proposal 16278, ABELL-S1063 WFC3/UVIS F350LP Primary (45), completed								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 41									
Diagnostics	(ABELL-S1063 WFC3/UVIS F350LP Primary (45)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-S1063 WFC3/UVIS F350LP Primary (45)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	ABELL-S1063	RA: 22 48 44.3000 (342.1845833d) Dec: -44 31 48.40 (-44.53011d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1048 78125,1.4966265625 ; GSPAIR SC0K0002 50F1SC0K000255F2	Prime + Parallel Group 1-2 in ABELL-S1063 WFC3/UVIS F350LP Primary (45)	1450 Secs (1450 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in ABELL-S1063 WFC3/UVIS F350LP Primary (45)	1320 Secs (1320 Secs) [==>]	[1]
	3		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0966 7968750000001,1.20 078125	Prime + Parallel Group 3-4 in ABELL-S1063 WFC3/UVIS F350LP Primary (45)	1450 Secs (1450 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in ABELL-S1063 WFC3/UVIS F350LP Primary (45)	1320 Secs (1320 Secs) [==>]	[1]
	5		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0323 296875,-3.52989375	Prime + Parallel Group 5-6 in ABELL-S1063 WFC3/UVIS F350LP Primary (45)	1460 Secs (1460 Secs) [==>]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in ABELL-S1063 WFC3/UVIS F350LP Primary (45)	1320 Secs (1320 Secs) [==>]	[2]
	7		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.06713 43750000000,-3.334 0984375000002	Prime + Parallel Group 7-8 in ABELL-S1063 WFC3/UVIS F350LP Primary (45)	1460 Secs (1460 Secs) [==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in ABELL-S1063 WFC3/UVIS F350LP Primary (45)	1320 Secs (1320 Secs) [==>]	[2]

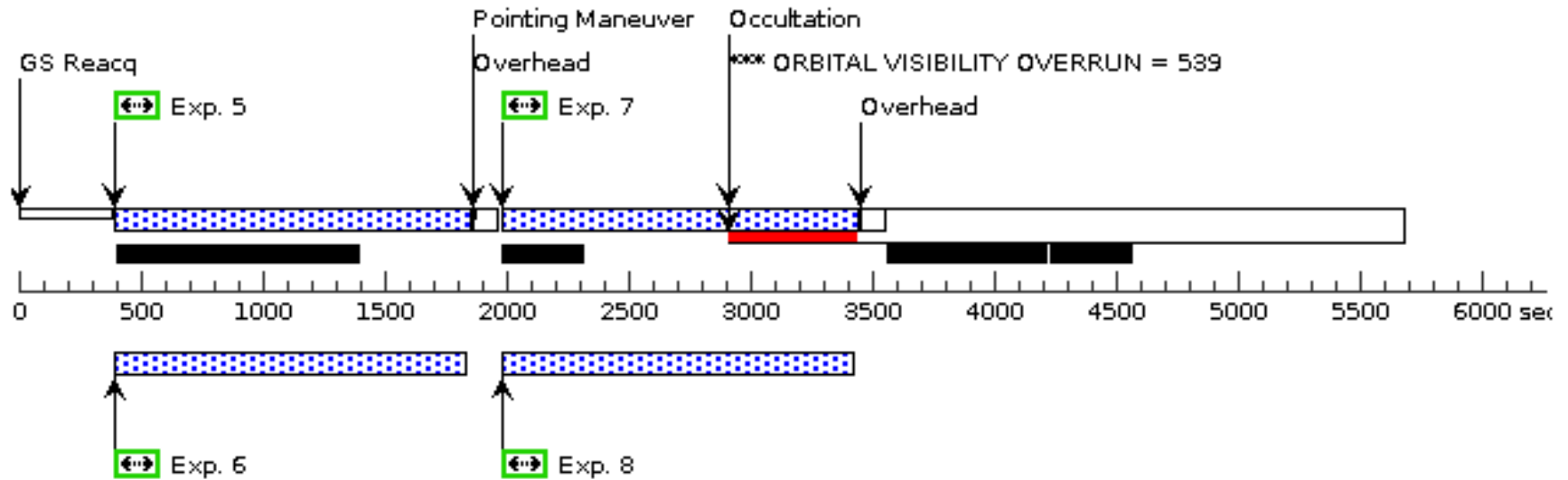
Orbit 1

Server Version: 20230626



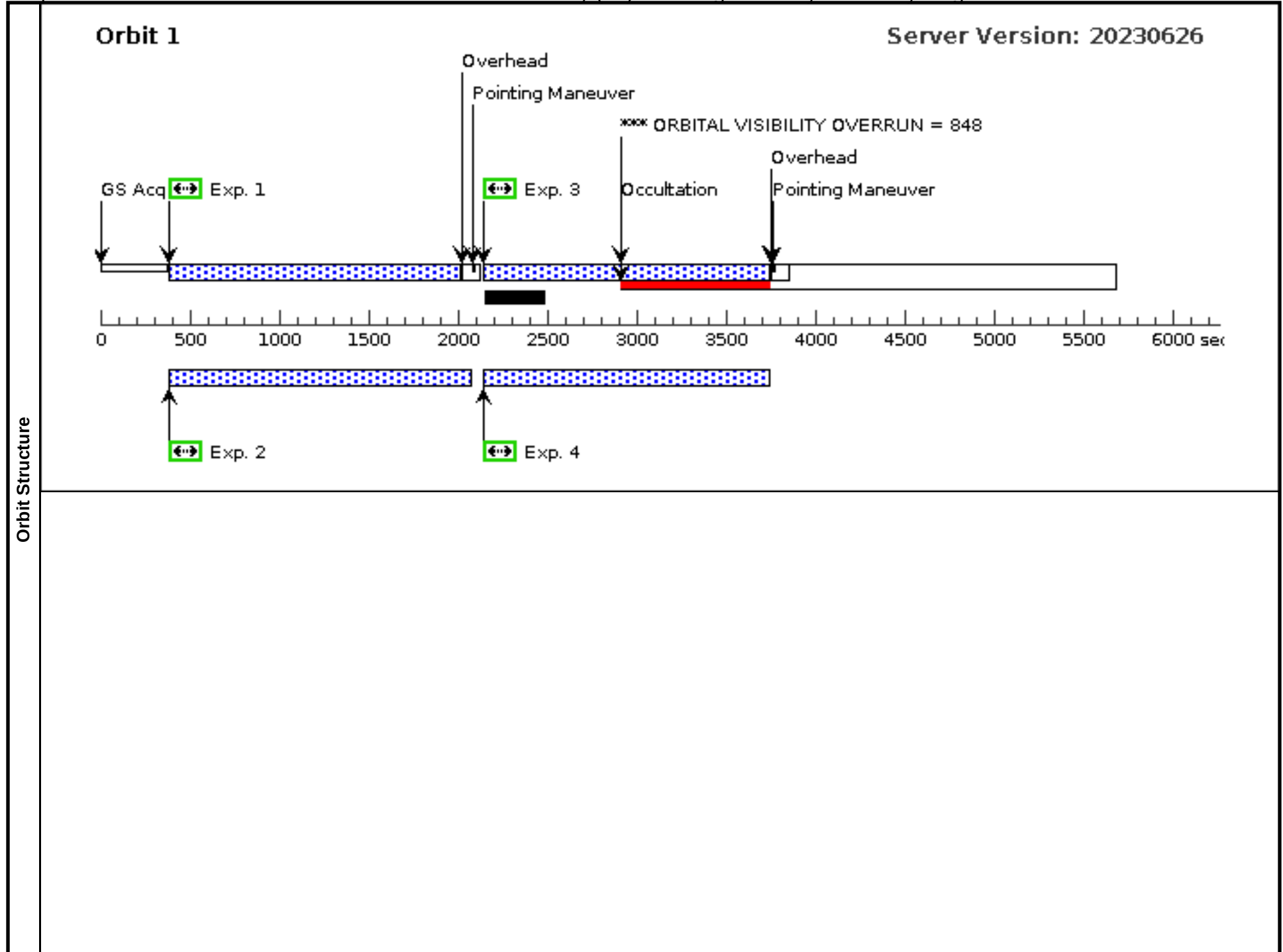
Orbit 2

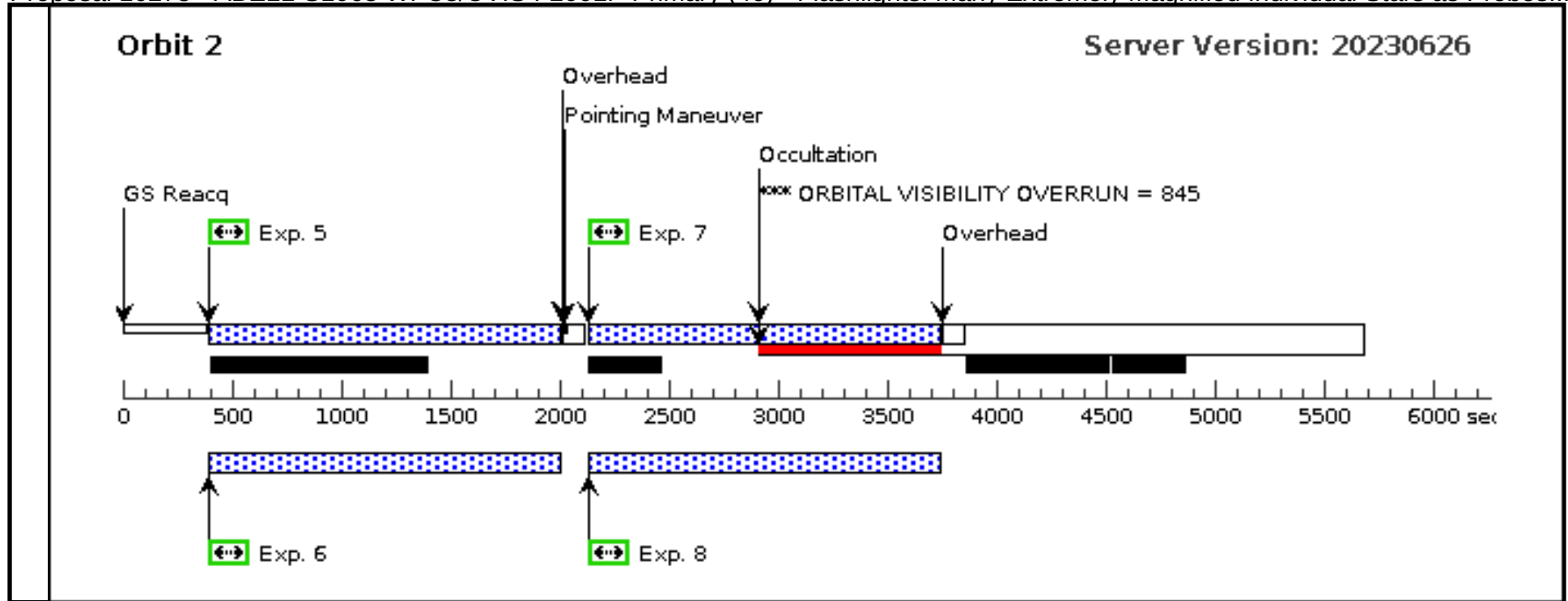
Server Version: 20230626



Proposal 16278 - ABELL-S1063 WFC3/UVIS F200LP Primary (46) - Flashlights: Many Extremely Magnified Individual Stars as Probes...

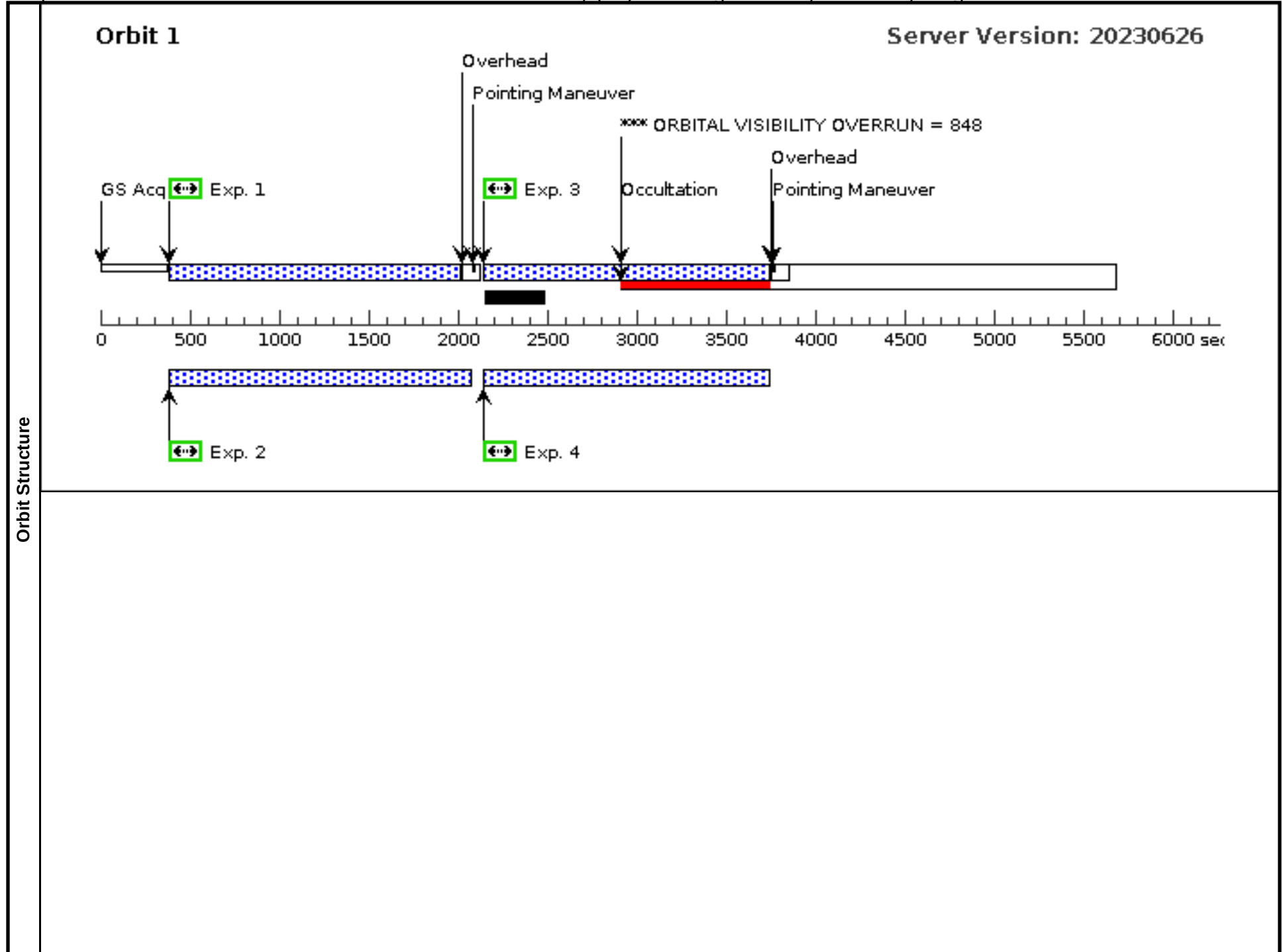
Visit	Proposal 16278, ABELL-S1063 WFC3/UVIS F200LP Primary (46), completed								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 41									
Diagnostics	(ABELL-S1063 WFC3/UVIS F200LP Primary (46)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-S1063 WFC3/UVIS F200LP Primary (46)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	ABELL-S1063	RA: 22 48 44.3000 (342.1845833d) Dec: -44 31 48.40 (-44.53011d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.2867 90625,1.3595515624 999999; GSPAIR SC0K0002 50F1SC0K000255F2	Prime + Parallel Group 1-2 in ABELL-S1063 WFC3/UVIS F200LP Primary (46)	1600 Secs (1600 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in ABELL-S1063 WFC3/UVIS F200LP Primary (46)	1480 Secs (1480 Secs) [==>]	[1]
	3		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.12668 90625,1.510409375	Prime + Parallel Group 3-4 in ABELL-S1063 WFC3/UVIS F200LP Primary (46)	1600 Secs (1600 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in ABELL-S1063 WFC3/UVIS F200LP Primary (46)	1480 Secs (1480 Secs) [==>]	[1]
	5		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1678 359375,-3.286703125	Prime + Parallel Group 5-6 in ABELL-S1063 WFC3/UVIS F200LP Primary (46)	1610 Secs (1610 Secs) [==>]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in ABELL-S1063 WFC3/UVIS F200LP Primary (46)	1490 Secs (1490 Secs) [==>]	[2]
	7		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.02134 6875,-3.5285484375	Prime + Parallel Group 7-8 in ABELL-S1063 WFC3/UVIS F200LP Primary (46)	1610 Secs (1610 Secs) [==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in ABELL-S1063 WFC3/UVIS F200LP Primary (46)	1490 Secs (1490 Secs) [==>]	[2]

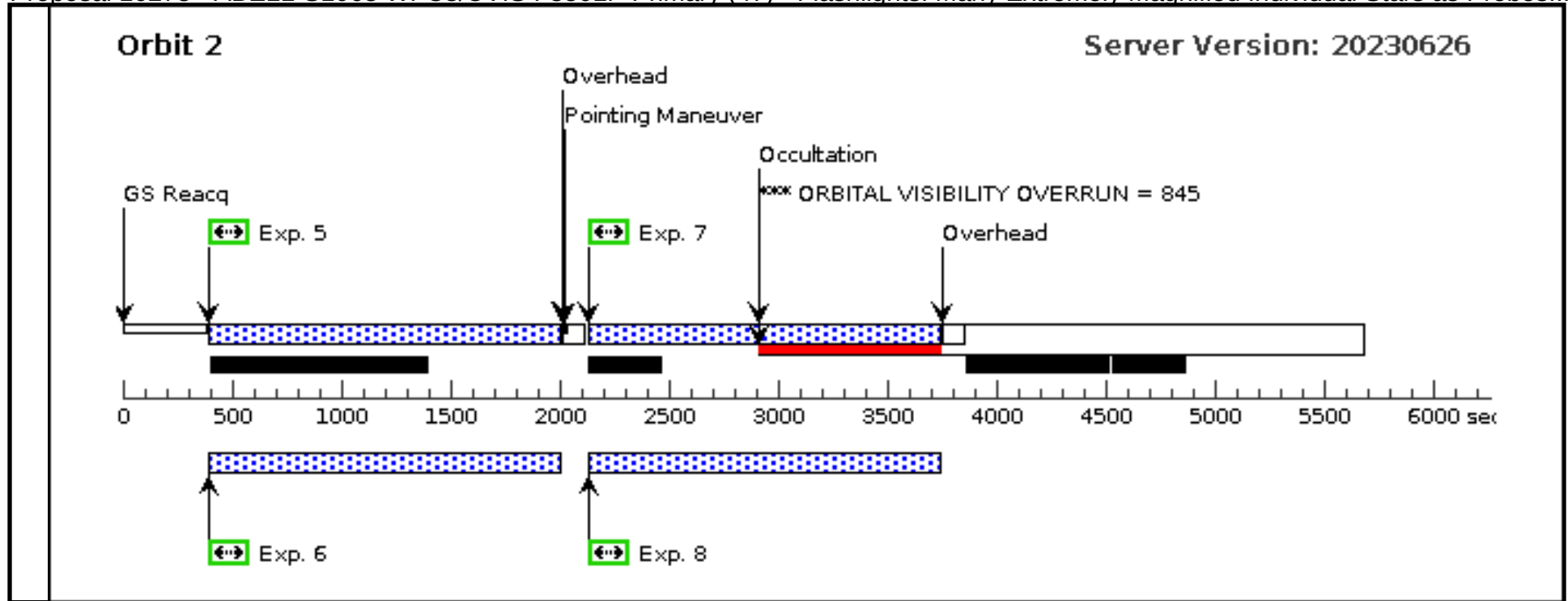




Proposal 16278 - ABELL-S1063 WFC3/UVIS F350LP Primary (47) - Flashlights: Many Extremely Magnified Individual Stars as Probes...

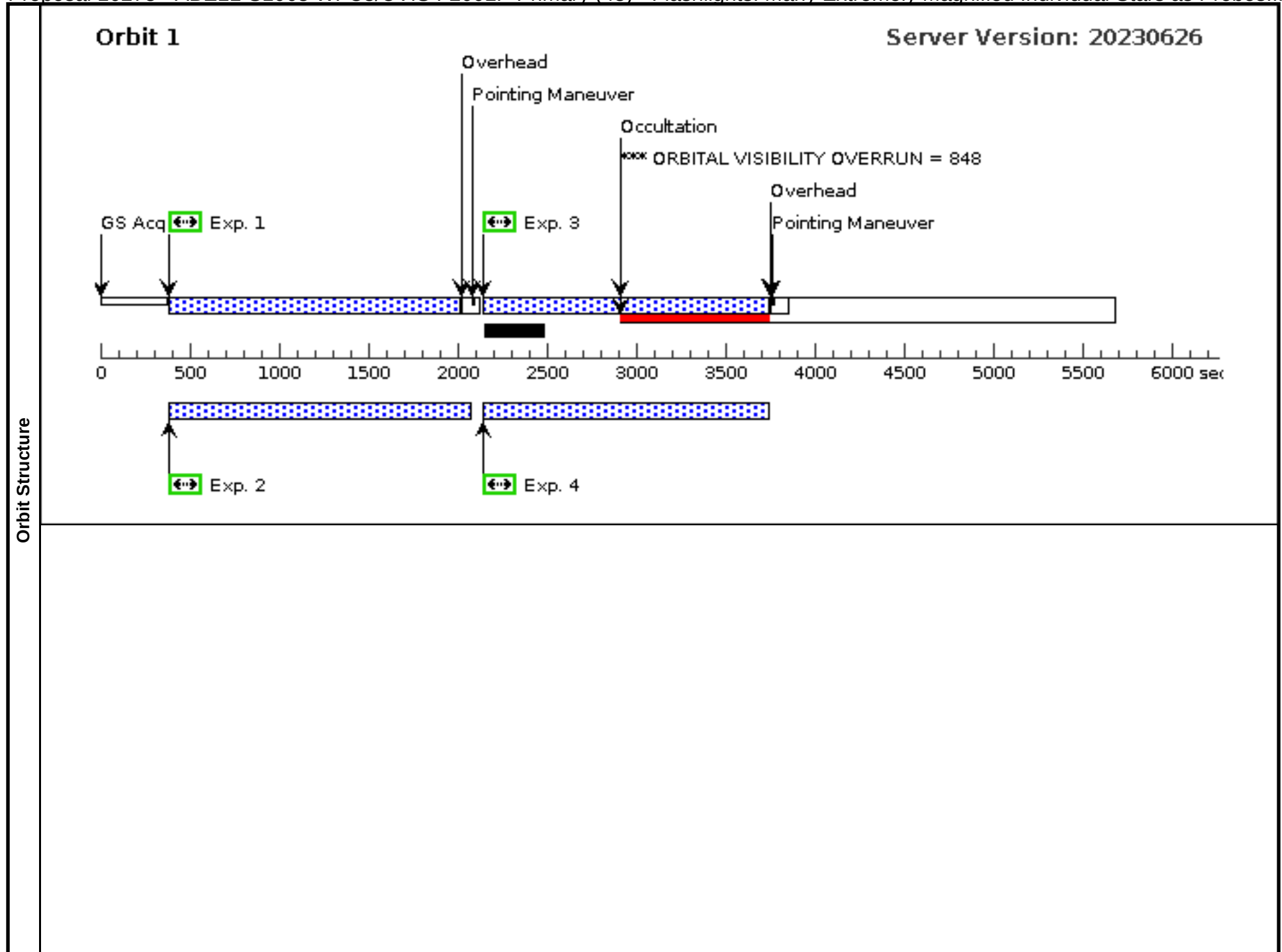
Visit	Proposal 16278, ABELL-S1063 WFC3/UVIS F350LP Primary (47), completed								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 41									
Diagnostics	(ABELL-S1063 WFC3/UVIS F350LP Primary (47)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-S1063 WFC3/UVIS F350LP Primary (47)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	ABELL-S1063	RA: 22 48 44.3000 (342.1845833d) Dec: -44 31 48.40 (-44.53011d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1517 484375,1.470440625 ; GSPAIR SC0K0002 50F1SC0K000255F2	Prime + Parallel Group 1-2 in ABELL-S1063 WFC3/UVIS F350LP Primary (47)	1600 Secs (1600 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in ABELL-S1063 WFC3/UVIS F350LP Primary (47)	1480 Secs (1480 Secs) [==>]	[1]
	3		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.08213 906250000001,1.295 059375	Prime + Parallel Group 3-4 in ABELL-S1063 WFC3/UVIS F350LP Primary (47)	1600 Secs (1600 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in ABELL-S1063 WFC3/UVIS F350LP Primary (47)	1480 Secs (1480 Secs) [==>]	[1]
	5		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1661 34375,-3.539479687 5	Prime + Parallel Group 5-6 in ABELL-S1063 WFC3/UVIS F350LP Primary (47)	1610 Secs (1610 Secs) [==>]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in ABELL-S1063 WFC3/UVIS F350LP Primary (47)	1490 Secs (1490 Secs) [==>]	[2]
	7		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.06852 65625,-3.390321875	Prime + Parallel Group 7-8 in ABELL-S1063 WFC3/UVIS F350LP Primary (47)	1610 Secs (1610 Secs) [==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in ABELL-S1063 WFC3/UVIS F350LP Primary (47)	1490 Secs (1490 Secs) [==>]	[2]

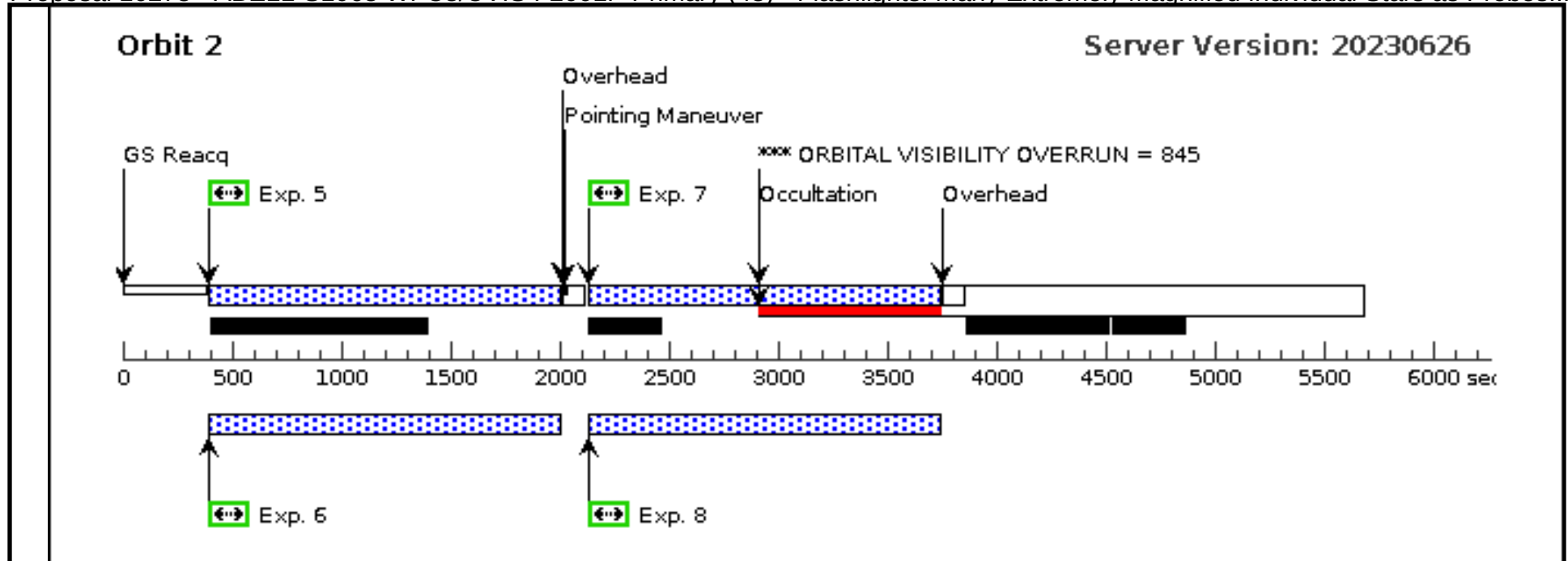




Proposal 16278 - ABELL-S1063 WFC3/UVIS F200LP Primary (48) - Flashlights: Many Extremely Magnified Individual Stars as Probes...

Visit	Proposal 16278, ABELL-S1063 WFC3/UVIS F200LP Primary (48), completed								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 41									
Diagnostics	(ABELL-S1063 WFC3/UVIS F200LP Primary (48)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-S1063 WFC3/UVIS F200LP Primary (48)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	ABELL-S1063	RA: 22 48 44.3000 (342.1845833d) Dec: -44 31 48.40 (-44.53011d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1067 34375,1.4613203125 ; GSPAIR SC0K0002 50F1SC0K000255F2	Prime + Parallel Group 1-2 in ABELL-S1063 WFC3/UVIS F200LP Primary (48)	1600 Secs (1600 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in ABELL-S1063 WFC3/UVIS F200LP Primary (48)	1480 Secs (1480 Secs) [==>]	[1]
	3		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.08198 437500000001,1.480 9765625	Prime + Parallel Group 3-4 in ABELL-S1063 WFC3/UVIS F200LP Primary (48)	1600 Secs (1600 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in ABELL-S1063 WFC3/UVIS F200LP Primary (48)	1480 Secs (1480 Secs) [==>]	[1]
	5		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1220 48437500000001,-3.2 77409375	Prime + Parallel Group 5-6 in ABELL-S1063 WFC3/UVIS F200LP Primary (48)	1610 Secs (1610 Secs) [==>]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in ABELL-S1063 WFC3/UVIS F200LP Primary (48)	1490 Secs (1490 Secs) [==>]	[2]
	7		(9) ABELL-S1063	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.11292 1875,-3.5642734375	Prime + Parallel Group 7-8 in ABELL-S1063 WFC3/UVIS F200LP Primary (48)	1610 Secs (1610 Secs) [==>]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in ABELL-S1063 WFC3/UVIS F200LP Primary (48)	1490 Secs (1490 Secs) [==>]	[2]



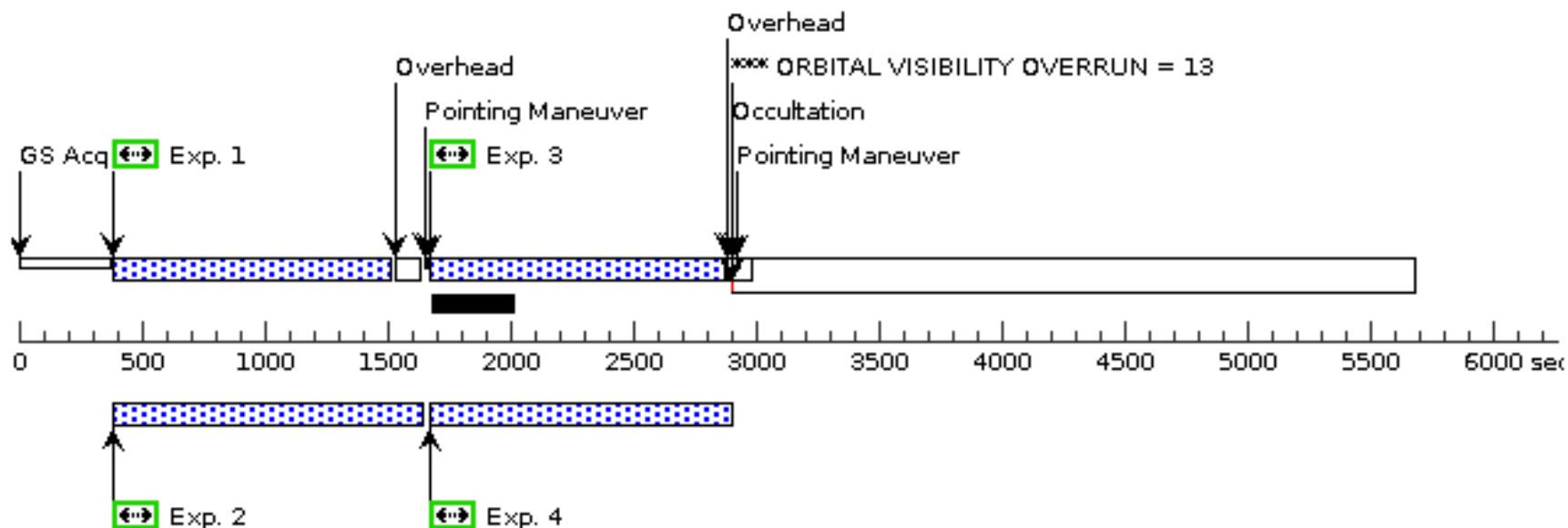


Proposal 16278 - ABELL-2744 WFC3/UVIS F350LP Primary (49) - Flashlights: Many Extremely Magnified Individual Stars as Probes ...

Visit	Proposal 16278, ABELL-2744 WFC3/UVIS F350LP Primary (49), scheduling								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; ORIENT 85.3D TO 88.0 D; SEQ 49,50,51,52,53,54,55,56 WITHIN 14.5 Orbits									
Comments: Orient needs to match that of Cycle 27 (GO-15936) visit to field on schedule for Fall 2020										
Diagnostics	(ABELL-2744 WFC3/UVIS F350LP Primary (49)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-2744 WFC3/UVIS F350LP Primary (49)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	ABELL-2744	RA: 00 14 21.2000 (3.5883333d) Dec: -30 23 50.10 (-30.39725d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2410 03125,1.2380015625	Prime + Parallel Group 1-2 in ABELL-2744 WFC3/UVIS F350LP Primary (49)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in ABELL-2744 WFC3/UVIS F350LP Primary (49)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.12792 6562,1.29447812	Prime + Parallel Group 3-4 in ABELL-2744 WFC3/UVIS F350LP Primary (49)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in ABELL-2744 WFC3/UVIS F350LP Primary (49)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2113 03125,-3.332098	Prime + Parallel Group 5-6 in ABELL-2744 WFC3/UVIS F350LP Primary (49)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in ABELL-2744 WFC3/UVIS F350LP Primary (49)	1164 Secs (1164 Secs) [==>]	[2]
	7		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.24533 437500000002,-3.49 96984375	Prime + Parallel Group 7-8 in ABELL-2744 WFC3/UVIS F350LP Primary (49)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in ABELL-2744 WFC3/UVIS F350LP Primary (49)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

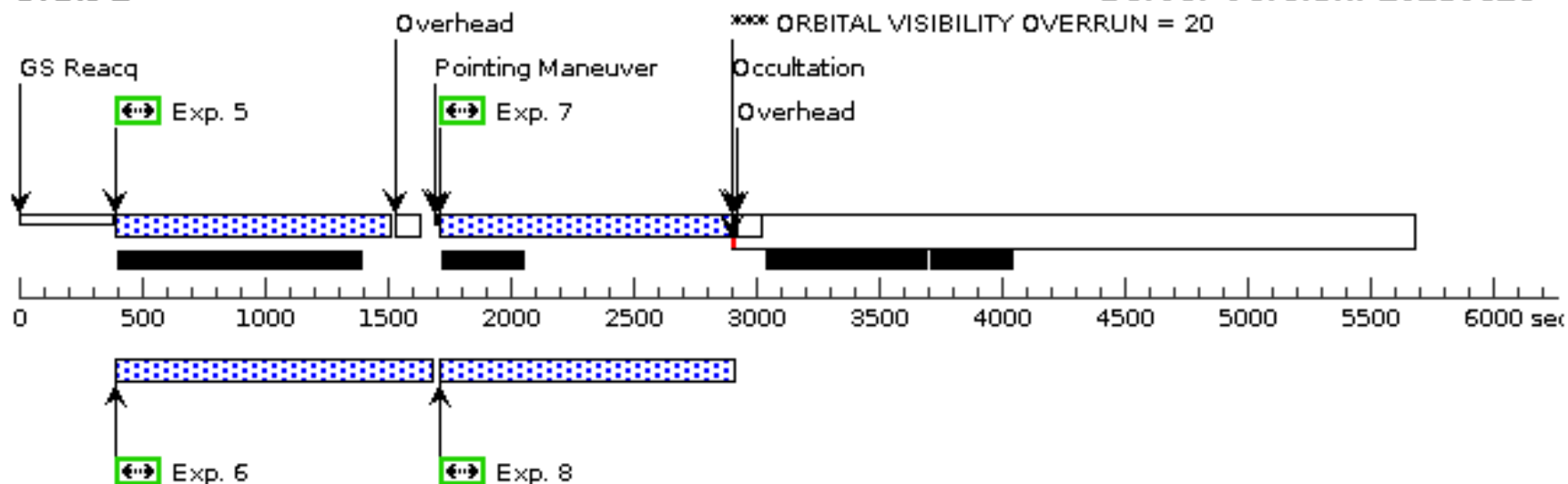
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626

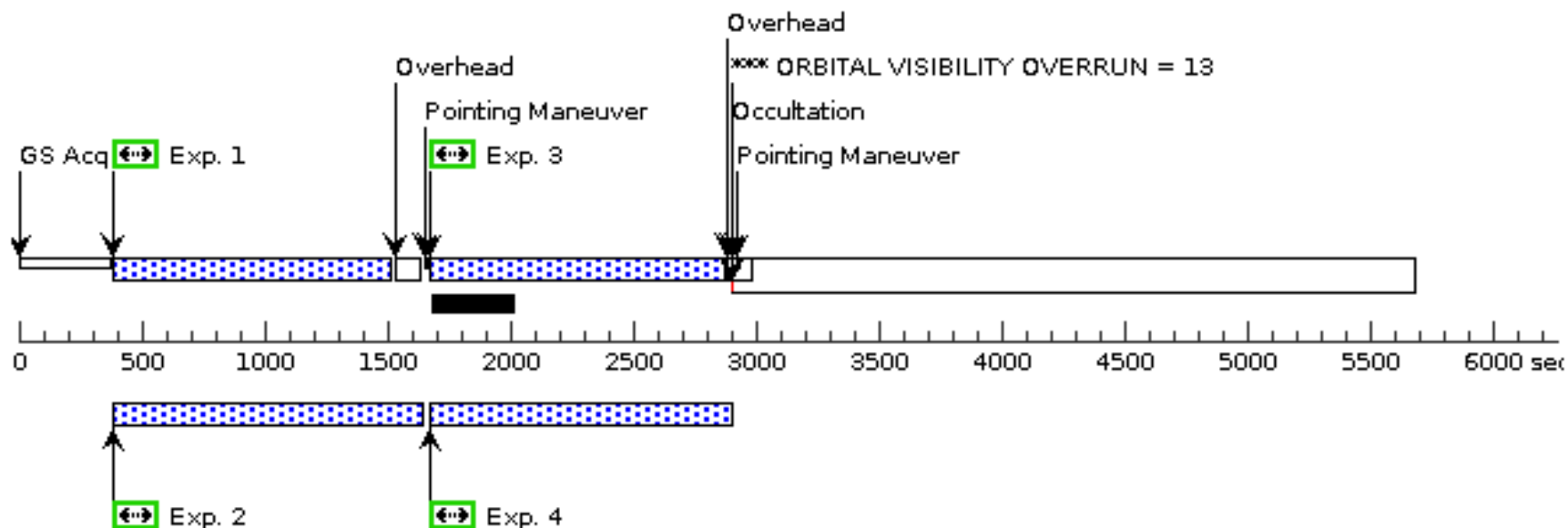


Proposal 16278 - ABELL-2744 WFC3/UVIS F200LP Primary (50) - Flashlights: Many Extremely Magnified Individual Stars as Probes ...

Visit	Proposal 16278, ABELL-2744 WFC3/UVIS F200LP Primary (50), scheduling								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 49									
Diagnostics	(ABELL-2744 WFC3/UVIS F200LP Primary (50)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-2744 WFC3/UVIS F200LP Primary (50)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	ABELL-2744	RA: 00 14 21.2000 (3.5883333d) Dec: -30 23 50.10 (-30.39725d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1047 234375,1.293428125	Prime + Parallel Gro up 1-2 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (50)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 1-2 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (50)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.0504 28125000000004,1.2 584015625	Prime + Parallel Gro up 3-4 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (50)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 3-4 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (50)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.01283 90625000000002,-3.3 80540625	Prime + Parallel Gro up 5-6 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (50)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 5-6 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (50)	1164 Secs (1164 Secs) [==>]	[2]
	7		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.28880 15625,-3.372834375	Prime + Parallel Gro up 7-8 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (50)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 7-8 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (50)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

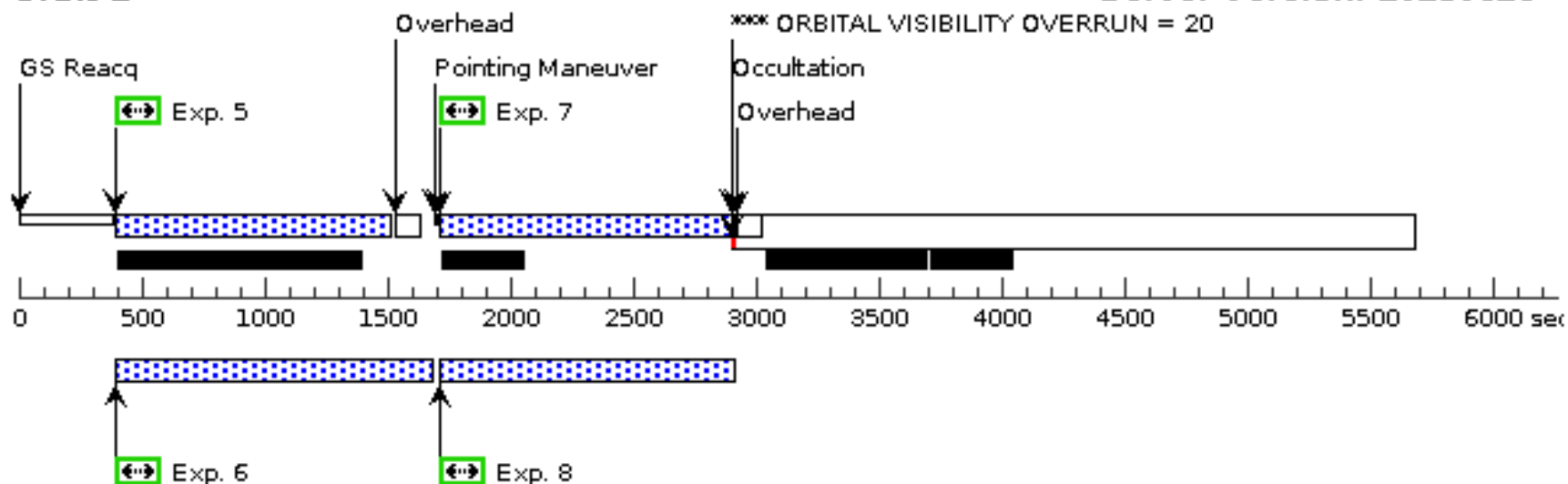
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626

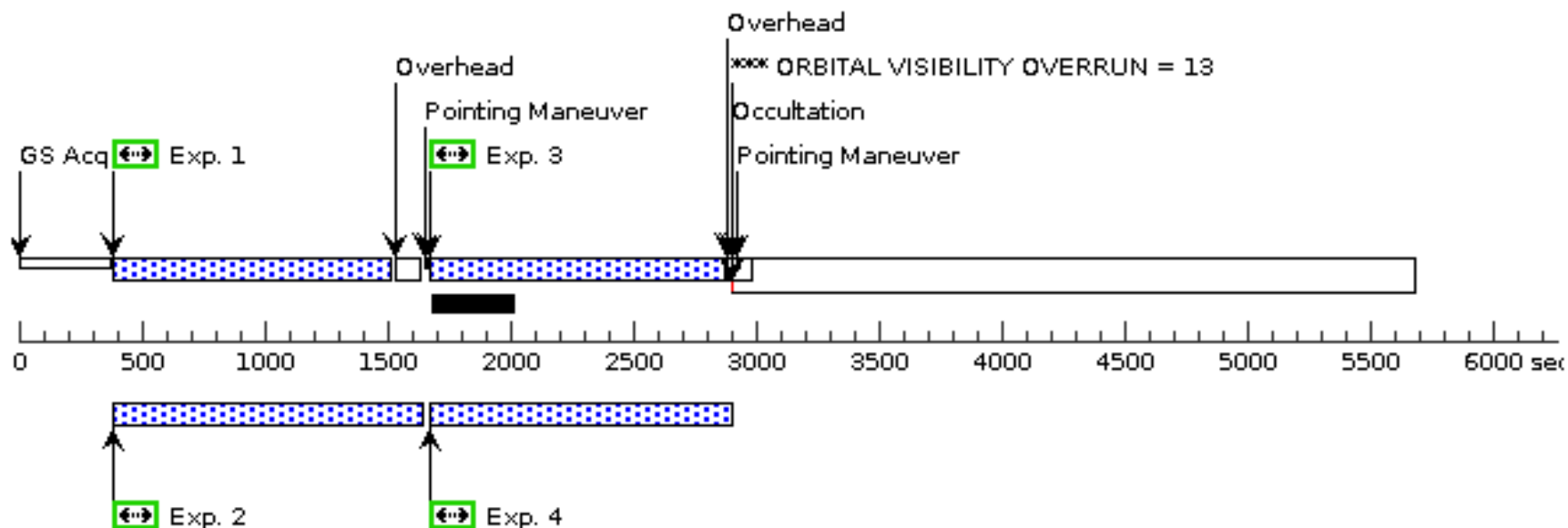


Proposal 16278 - ABELL-2744 WFC3/UVIS F350LP Primary (51) - Flashlights: Many Extremely Magnified Individual Stars as Probes ...

Visit	Proposal 16278, ABELL-2744 WFC3/UVIS F350LP Primary (51), scheduling								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 49									
Diagnostics	(ABELL-2744 WFC3/UVIS F350LP Primary (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-2744 WFC3/UVIS F350LP Primary (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	ABELL-2744	RA: 00 14 21.2000 (3.5883333d) Dec: -30 23 50.10 (-30.39725d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2397 65625,1.2763515625	Prime + Parallel Gro up 1-2 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (51)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Gro up 1-2 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (51)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.03867 1875,1.5113515625	Prime + Parallel Gro up 3-4 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (51)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Gro up 3-4 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (51)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0298 54687, -3.310006250 0000003	Prime + Parallel Gro up 5-6 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (51)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Gro up 5-6 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (51)	1164 Secs (1164 Secs) [==>]	[2]
	7		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.02196 5625000000003,-3.3 390296874999996	Prime + Parallel Gro up 7-8 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (51)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Gro up 7-8 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (51)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

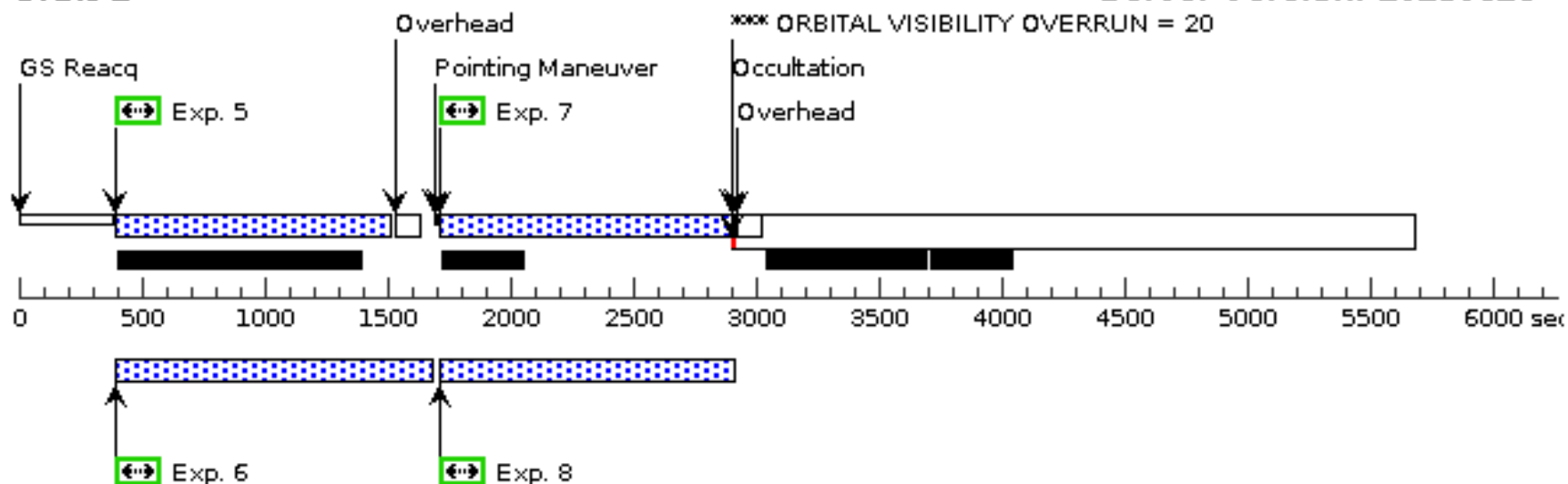
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626

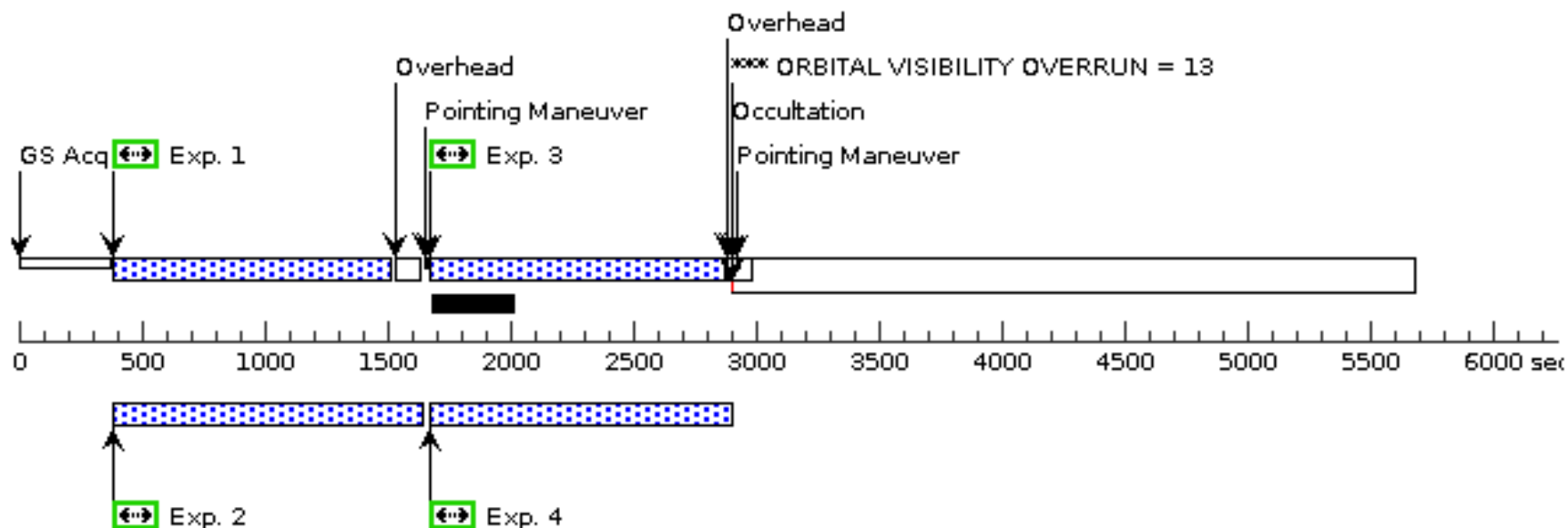


Proposal 16278 - ABELL-2744 WFC3/UVIS F200LP Primary (52) - Flashlights: Many Extremely Magnified Individual Stars as Probes ...

Visit	Proposal 16278, ABELL-2744 WFC3/UVIS F200LP Primary (52), scheduling								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 49									
Diagnostics	(ABELL-2744 WFC3/UVIS F200LP Primary (52)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-2744 WFC3/UVIS F200LP Primary (52)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	ABELL-2744	RA: 00 14 21.2000 (3.5883333d) Dec: -30 23 50.10 (-30.39725d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1519 0312,1.3132015625	Prime + Parallel Gro up 1-2 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (52)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 1-2 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (52)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.17062 0312,1.30788124999 99999	Prime + Parallel Gro up 3-4 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (52)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 3-4 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (52)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.01268 4375000000001,-3.5 698734375	Prime + Parallel Gro up 5-6 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (52)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 5-6 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (52)	1164 Secs (1164 Secs) [==>]	[2]
	7		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.15375 9375,-3.3750984375	Prime + Parallel Gro up 7-8 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (52)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 7-8 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (52)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

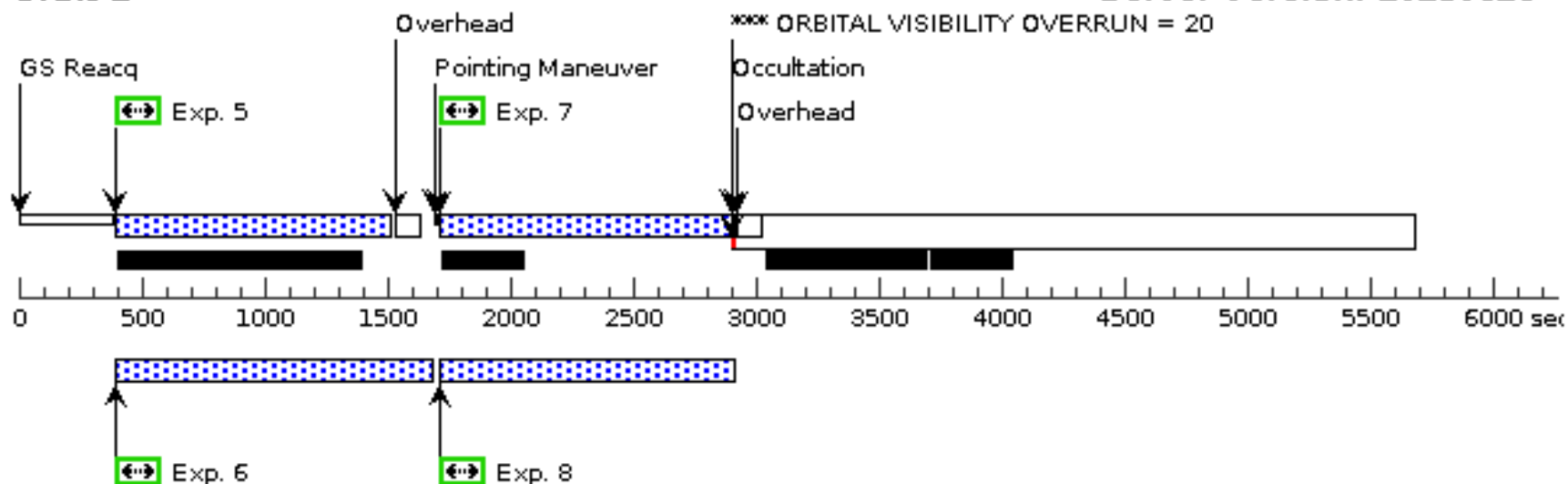
Orbit 1

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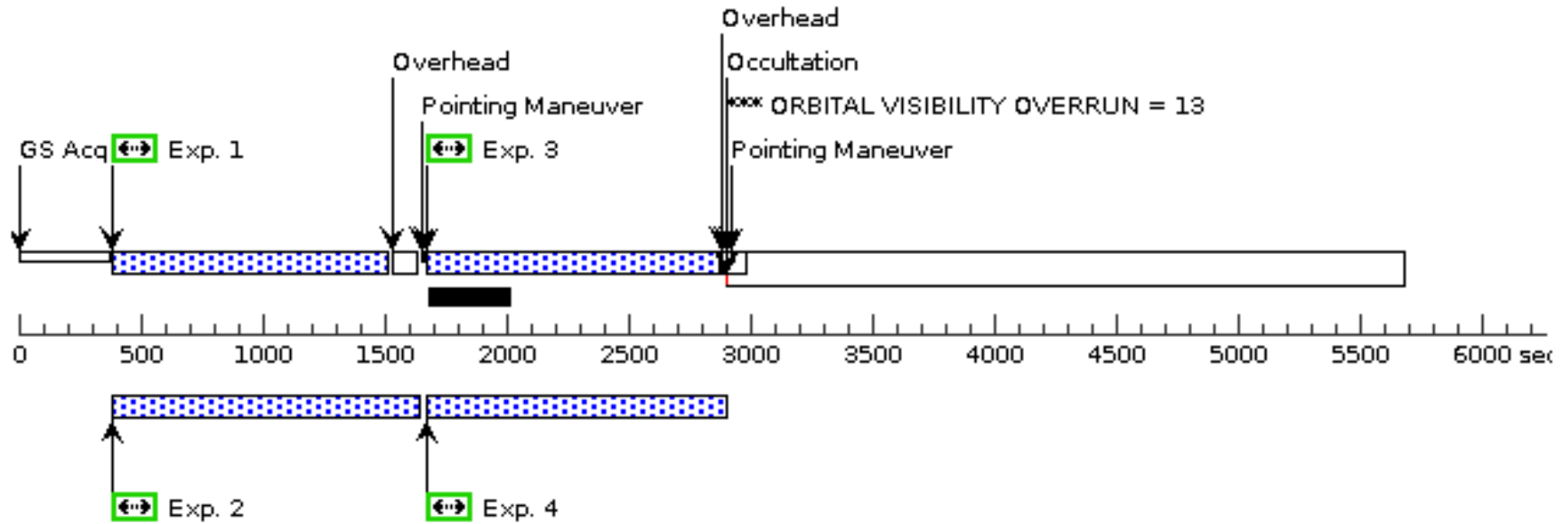


Proposal 16278 - ABELL-2744 WFC3/UVIS F350LP Primary (53) - Flashlights: Many Extremely Magnified Individual Stars as Probes ...

Visit	Proposal 16278, ABELL-2744 WFC3/UVIS F350LP Primary (53), scheduling								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 49									
Diagnostics	(ABELL-2744 WFC3/UVIS F350LP Primary (53)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-2744 WFC3/UVIS F350LP Primary (53)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	ABELL-2744	RA: 00 14 21.2000 (3.5883333d) Dec: -30 23 50.10 (-30.39725d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1048 78125,1.4966265625	Prime + Parallel Gro up 1-2 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (53)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Gro up 1-2 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (53)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0966 7968750000001,1.20 078125	Prime + Parallel Gro up 3-4 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (53)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Gro up 3-4 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (53)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0323 296875,-3.52989375	Prime + Parallel Gro up 5-6 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (53)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Gro up 5-6 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (53)	1164 Secs (1164 Secs) [==>]	[2]
	7		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.06713 43750000000,-3.334 0984375000002	Prime + Parallel Gro up 7-8 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (53)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Gro up 7-8 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (53)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

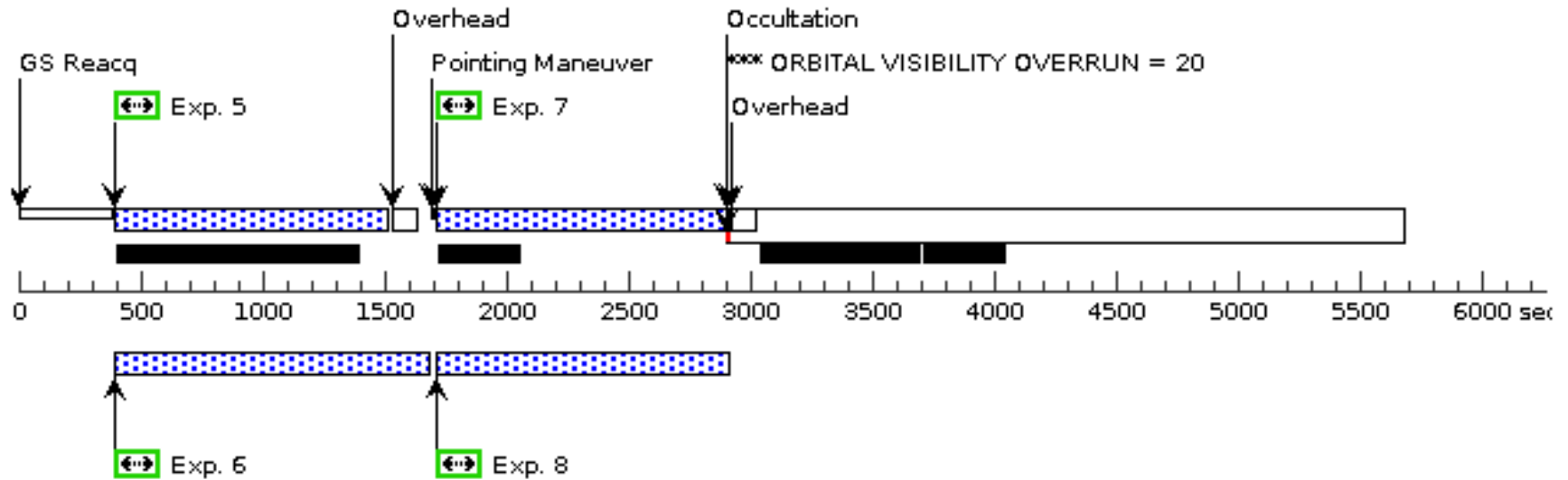
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626

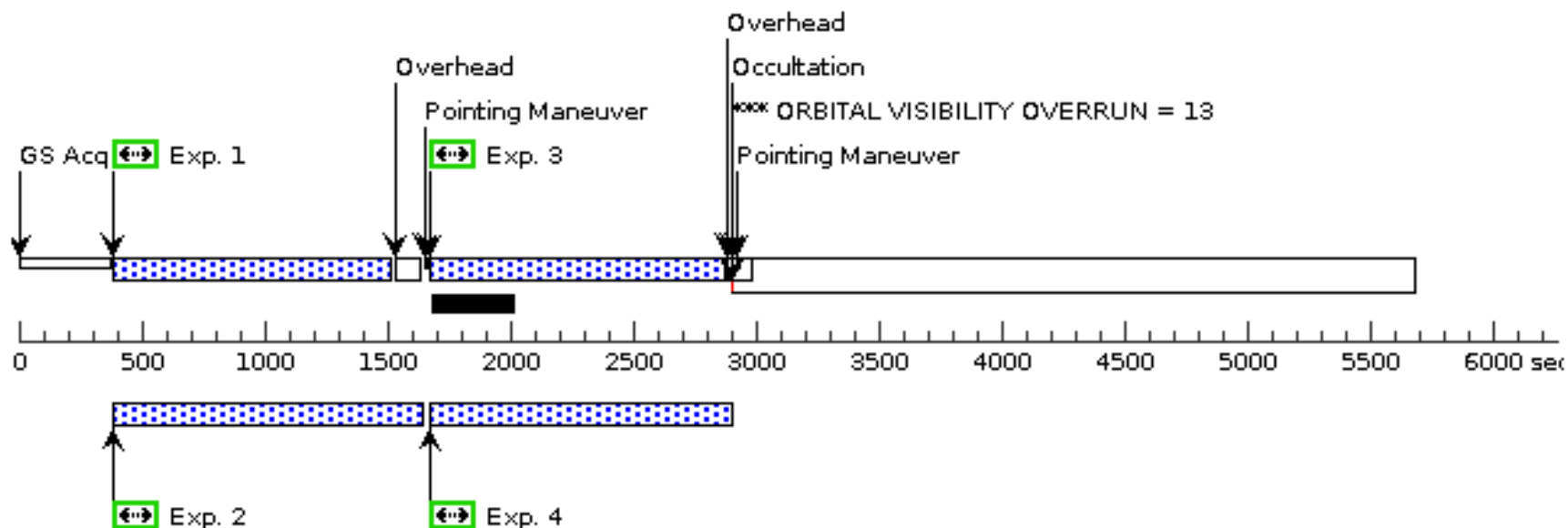


Proposal 16278 - ABELL-2744 WFC3/UVIS F200LP Primary (54) - Flashlights: Many Extremely Magnified Individual Stars as Probes ...

Visit	Proposal 16278, ABELL-2744 WFC3/UVIS F200LP Primary (54), scheduling								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 49									
Diagnostics	(ABELL-2744 WFC3/UVIS F200LP Primary (54)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-2744 WFC3/UVIS F200LP Primary (54)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	ABELL-2744	RA: 00 14 21.2000 (3.5883333d) Dec: -30 23 50.10 (-30.39725d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.2867 90625,1.3595515624 999999	Prime + Parallel Gro up 1-2 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (54)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 1-2 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (54)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.12668 90625,1.510409375	Prime + Parallel Gro up 3-4 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (54)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 3-4 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (54)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1678 359375,-3.28670312 5	Prime + Parallel Gro up 5-6 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (54)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 5-6 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (54)	1164 Secs (1164 Secs) [==>]	[2]
	7		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.02134 6875,-3.5285484375	Prime + Parallel Gro up 7-8 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (54)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 7-8 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (54)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

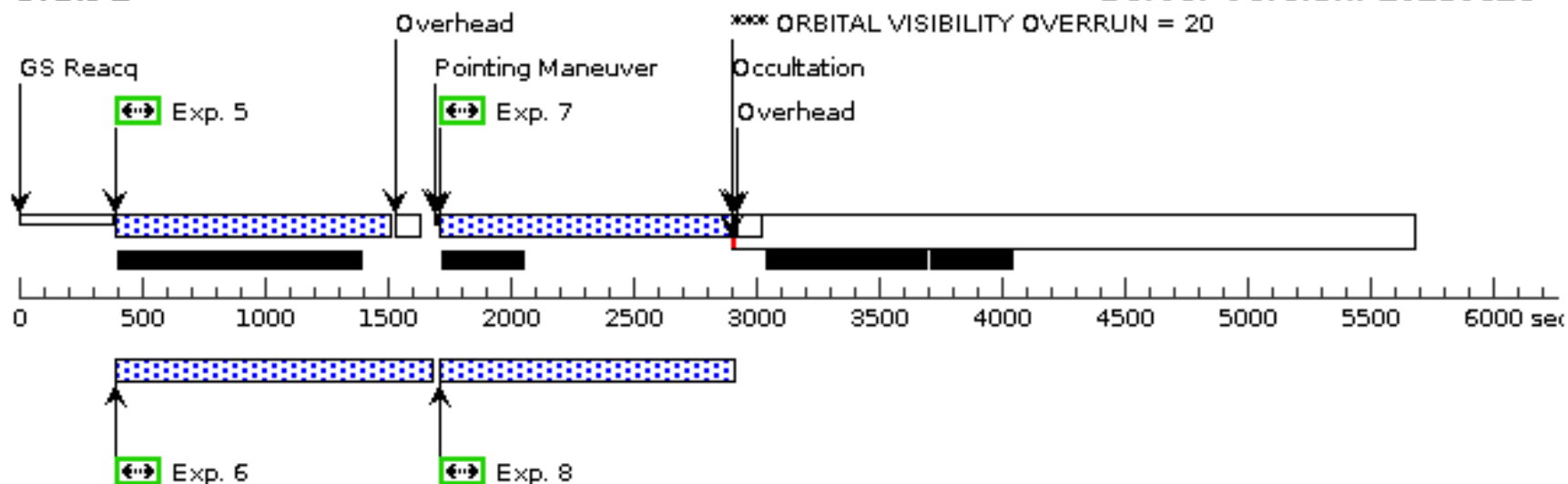
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626

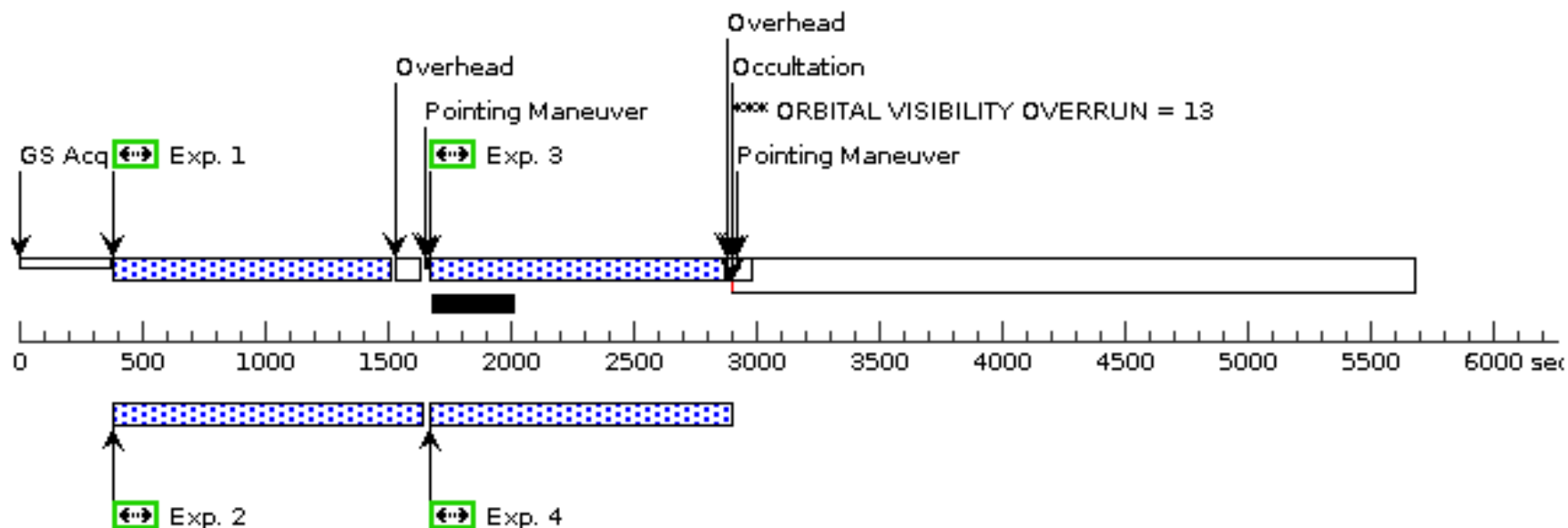


Proposal 16278 - ABELL-2744 WFC3/UVIS F350LP Primary (55) - Flashlights: Many Extremely Magnified Individual Stars as Probes ...

Visit	Proposal 16278, ABELL-2744 WFC3/UVIS F350LP Primary (55), scheduling								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 49									
Diagnostics	(ABELL-2744 WFC3/UVIS F350LP Primary (55)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-2744 WFC3/UVIS F350LP Primary (55)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	ABELL-2744	RA: 00 14 21.2000 (3.5883333d) Dec: -30 23 50.10 (-30.39725d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1517 484375,1.470440625	Prime + Parallel Gro up 1-2 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (55)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Gro up 1-2 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (55)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.08213 906250000001,1.295 059375	Prime + Parallel Gro up 3-4 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (55)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Gro up 3-4 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (55)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1661 34375,-3.539479687 5	Prime + Parallel Gro up 5-6 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (55)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Gro up 5-6 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (55)	1164 Secs (1164 Secs) [==>]	[2]
	7		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.06852 65625 ,-3.390321875	Prime + Parallel Gro up 7-8 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (55)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Gro up 7-8 in ABELL-27 44 WFC3/UVIS F35 0LP Primary (55)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

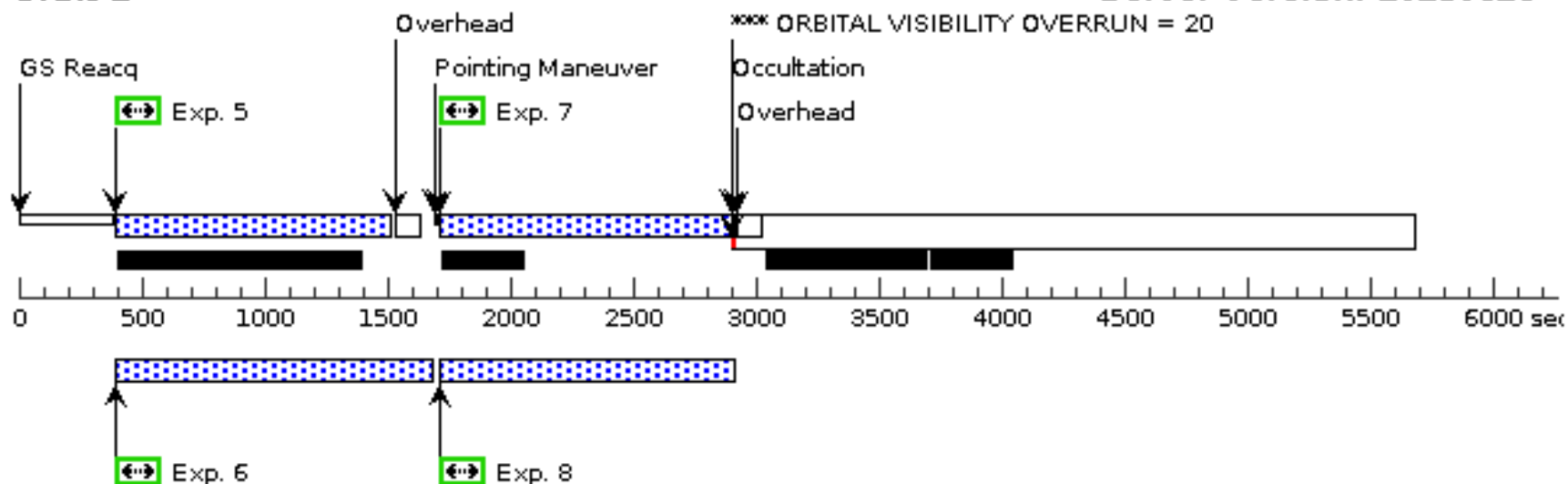
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626

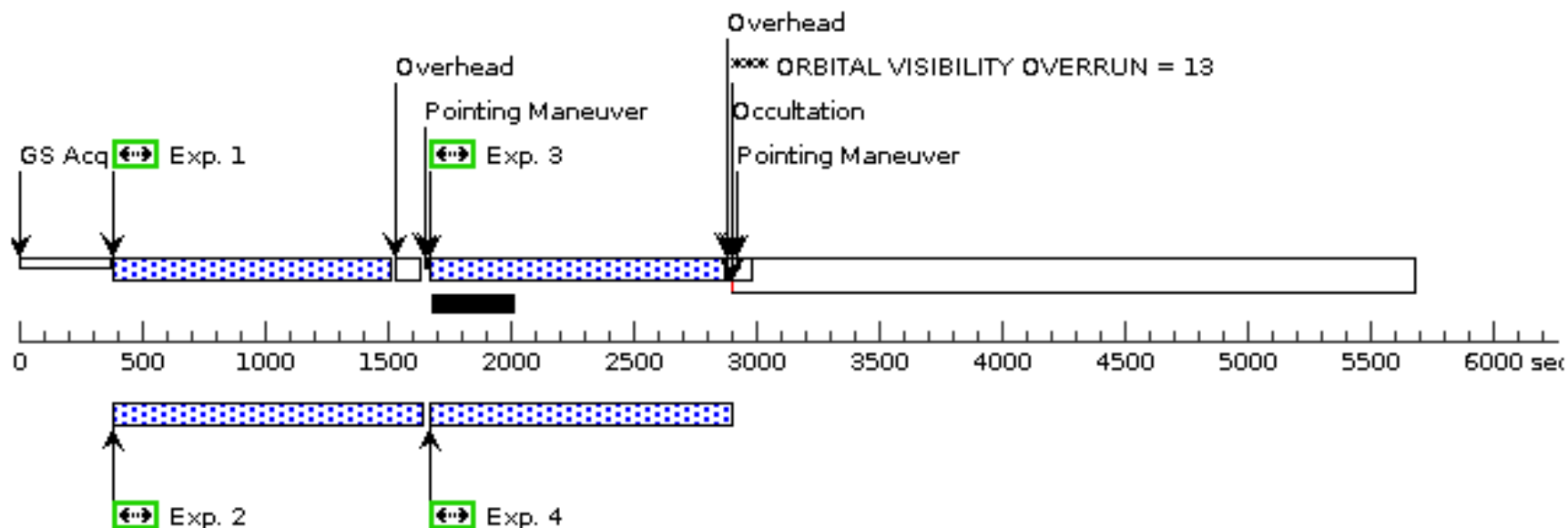


Proposal 16278 - ABELL-2744 WFC3/UVIS F200LP Primary (56) - Flashlights: Many Extremely Magnified Individual Stars as Probes ...

Visit	Proposal 16278, ABELL-2744 WFC3/UVIS F200LP Primary (56), scheduling								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 49									
Diagnostics	(ABELL-2744 WFC3/UVIS F200LP Primary (56)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-2744 WFC3/UVIS F200LP Primary (56)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	ABELL-2744	RA: 00 14 21.2000 (3.5883333d) Dec: -30 23 50.10 (-30.39725d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1067 34375,1.4613203125	Prime + Parallel Gro up 1-2 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (56)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 1-2 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (56)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.08198 437500000001,1.480 9765625	Prime + Parallel Gro up 3-4 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (56)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 3-4 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (56)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1220 4843750000001,-3.2 77409375	Prime + Parallel Gro up 5-6 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (56)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 5-6 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (56)	1164 Secs (1164 Secs) [==>]	[2]
	7		(7) ABELL-2744	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.11292 1875,-3.5642734375	Prime + Parallel Gro up 7-8 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (56)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 7-8 in ABELL-27 44 WFC3/UVIS F20 0LP Primary (56)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

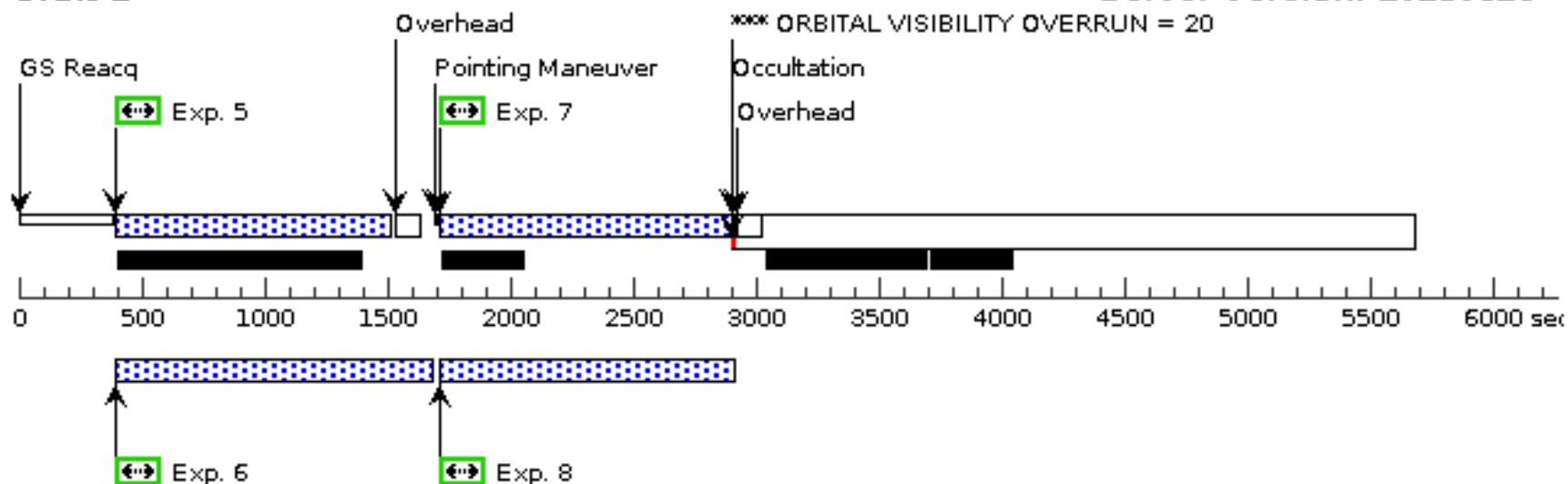
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626

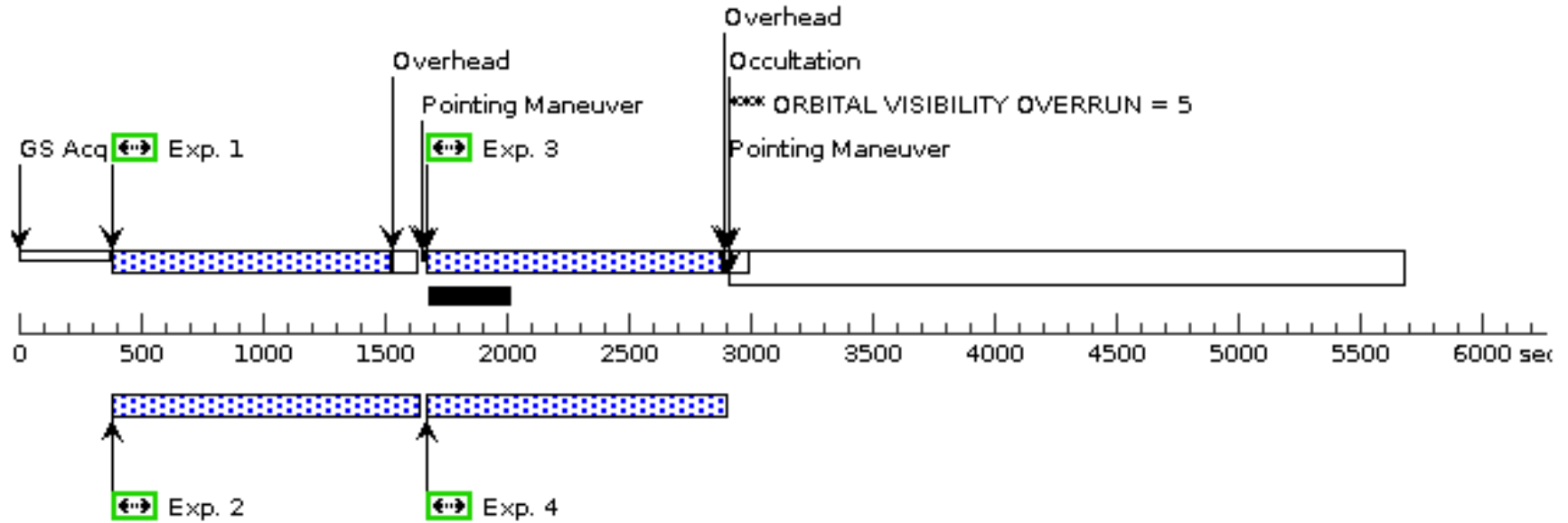


Proposal 16278 - ABELL-370 WFC3/UVIS F350LP Primary (57) - Flashlights: Many Extremely Magnified Individual Stars as Probes of...

Visit	Proposal 16278, ABELL-370 WFC3/UVIS F350LP Primary (57), completed							Wed Jan 03 16:01:40 GMT 2024		
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; ORIENT 81.5D TO 82.5 D; SEQ 57,58,59,60,61,62,63,64 WITHIN 40 H									
Comments: Preferred orient = 82.07 to match Cycle 27 visits and										
Diagnostics	(ABELL-370 WFC3/UVIS F350LP Primary (57)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-370 WFC3/UVIS F350LP Primary (57)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	ABELL-370	RA: 02 39 52.8000 (39.97000000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000		V=27	Reference Frame: ICRS				
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2410 03125,1.2380015625	Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F350 LP Primary (57)	1110 Secs (1110 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F350 LP Primary (57)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.12792 6562,1.29447812	Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F350 LP Primary (57)	1210 Secs (1210 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F350 LP Primary (57)	1109 Secs (1107 Secs) [==>1107.0 Secs]	[1]
	5		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2113 03125,-3.332098	Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F350 LP Primary (57)	1185 Secs (1179 Secs) [==>1179.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F350 LP Primary (57)	1164 Secs (1175 Secs) [==>1175.0 Secs]	[2]
	7		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.24533 437500000002,-3.49 96984375	Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F350 LP Primary (57)	1170 Secs (1164 Secs) [==>1164.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F350 LP Primary (57)	1167 Secs (1055 Secs) [==>1055.0 Secs]	[2]

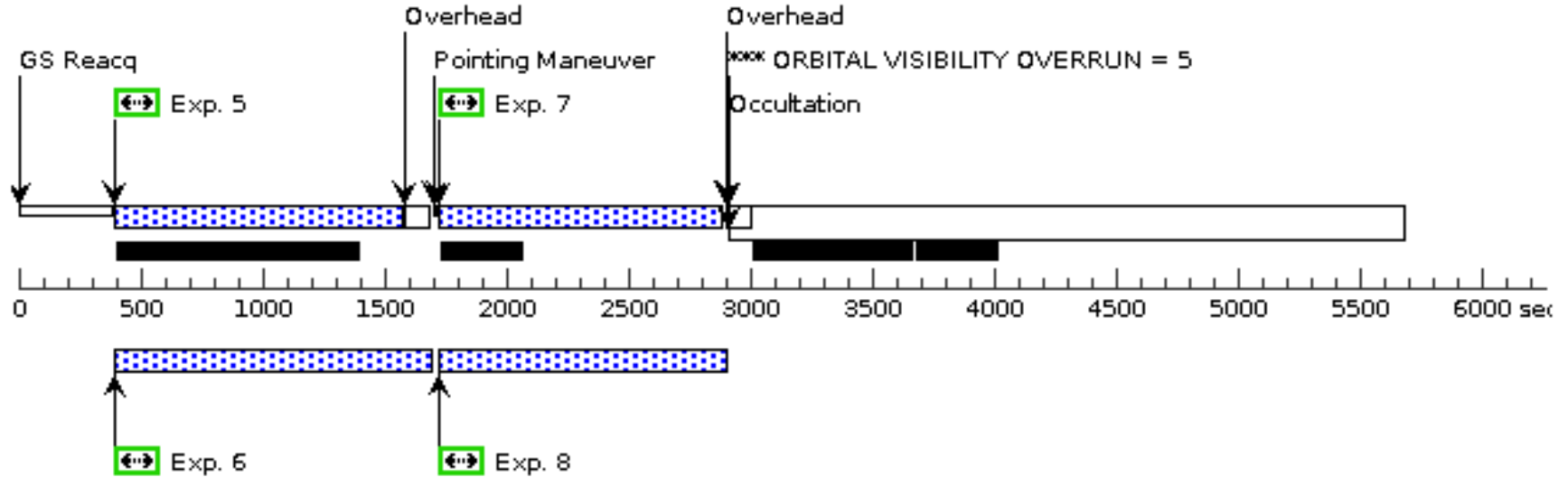
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626

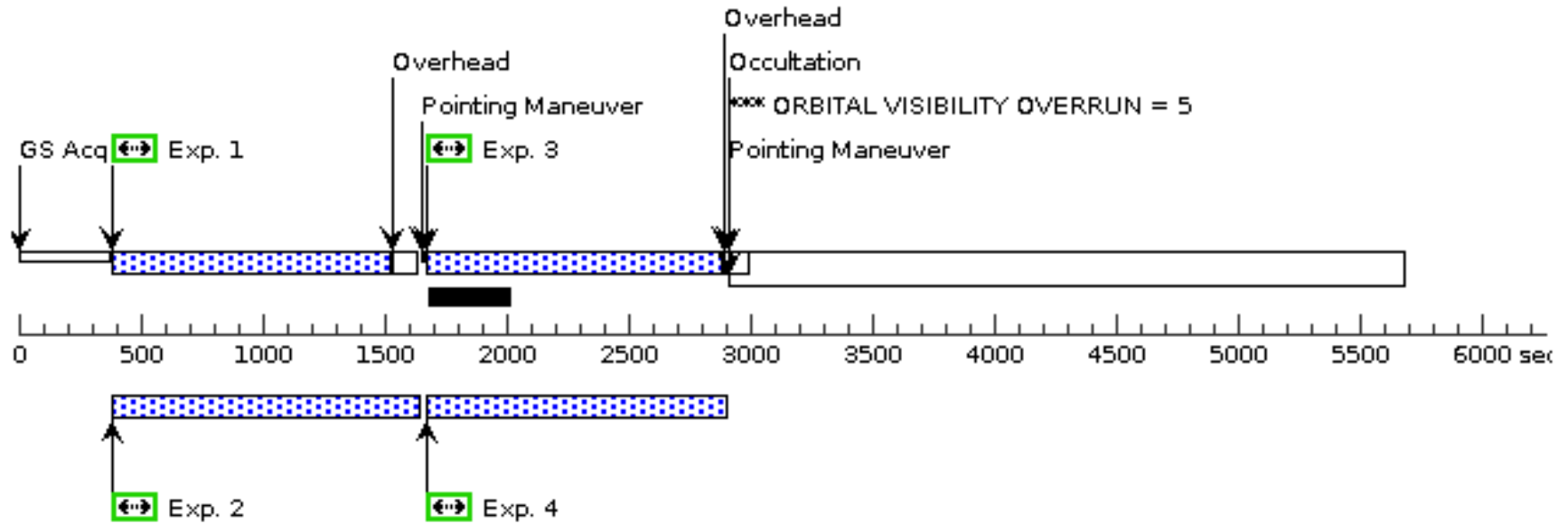


Proposal 16278 - ABELL-370 WFC3/UVIS F200LP Primary (58) - Flashlights: Many Extremely Magnified Individual Stars as Probes of...

Visit	Proposal 16278, ABELL-370 WFC3/UVIS F200LP Primary (58), completed								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 57									
Diagnostics	(ABELL-370 WFC3/UVIS F200LP Primary (58)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-370 WFC3/UVIS F200LP Primary (58)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	ABELL-370	RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1047 234375,1.293428125	Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F200 LP Primary (58)	1110 Secs (1110 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F200 LP Primary (58)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.0504 28125000000004,1.2 584015625	Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F200 LP Primary (58)	1210 Secs (1210 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F200 LP Primary (58)	1109 Secs (1107 Secs) [==>1107.0 Secs]	[1]
	5		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.01283 90625000000002,-3.3 80540625	Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F200 LP Primary (58)	1185 Secs (1179 Secs) [==>1179.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F200 LP Primary (58)	1164 Secs (1175 Secs) [==>1175.0 Secs]	[2]
	7		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.28880 15625,-3.372834375	Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F200 LP Primary (58)	1170 Secs (1164 Secs) [==>1164.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F200 LP Primary (58)	1167 Secs (1055 Secs) [==>1055.0 Secs]	[2]

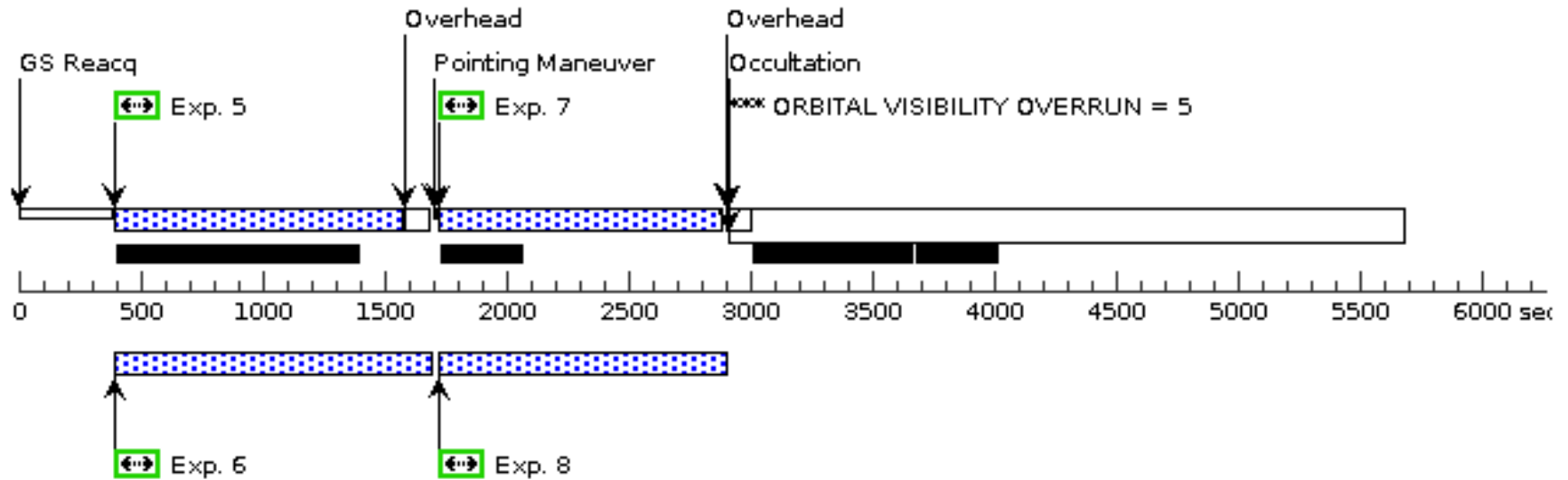
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626

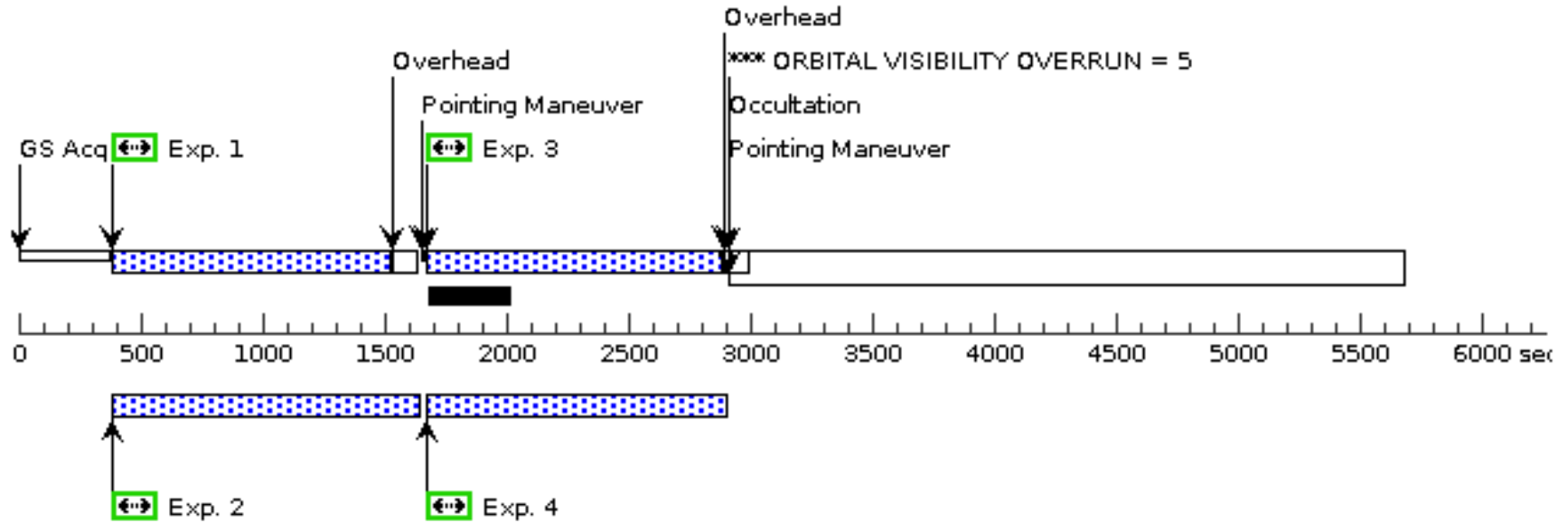


Proposal 16278 - ABELL-370 WFC3/UVIS F350LP Primary (59) - Flashlights: Many Extremely Magnified Individual Stars as Probes of...

Visit	Proposal 16278, ABELL-370 WFC3/UVIS F350LP Primary (59), completed								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 57									
Diagnostics	(ABELL-370 WFC3/UVIS F350LP Primary (59)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-370 WFC3/UVIS F350LP Primary (59)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	ABELL-370	RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2397 65625,1.2763515625	Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F350 LP Primary (59)	1110 Secs (1110 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F350 LP Primary (59)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.03867 1875,1.5113515625	Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F350 LP Primary (59)	1210 Secs (1210 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F350 LP Primary (59)	1109 Secs (1107 Secs) [==>1107.0 Secs]	[1]
	5		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0298 54687, -3.310006250 0000003	Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F350 LP Primary (59)	1185 Secs (1179 Secs) [==>1179.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F350 LP Primary (59)	1164 Secs (1175 Secs) [==>1175.0 Secs]	[2]
	7		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.02196 5625000000003,-3.3 390296874999996	Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F350 LP Primary (59)	1170 Secs (1164 Secs) [==>1164.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F350 LP Primary (59)	1167 Secs (1055 Secs) [==>1055.0 Secs]	[2]

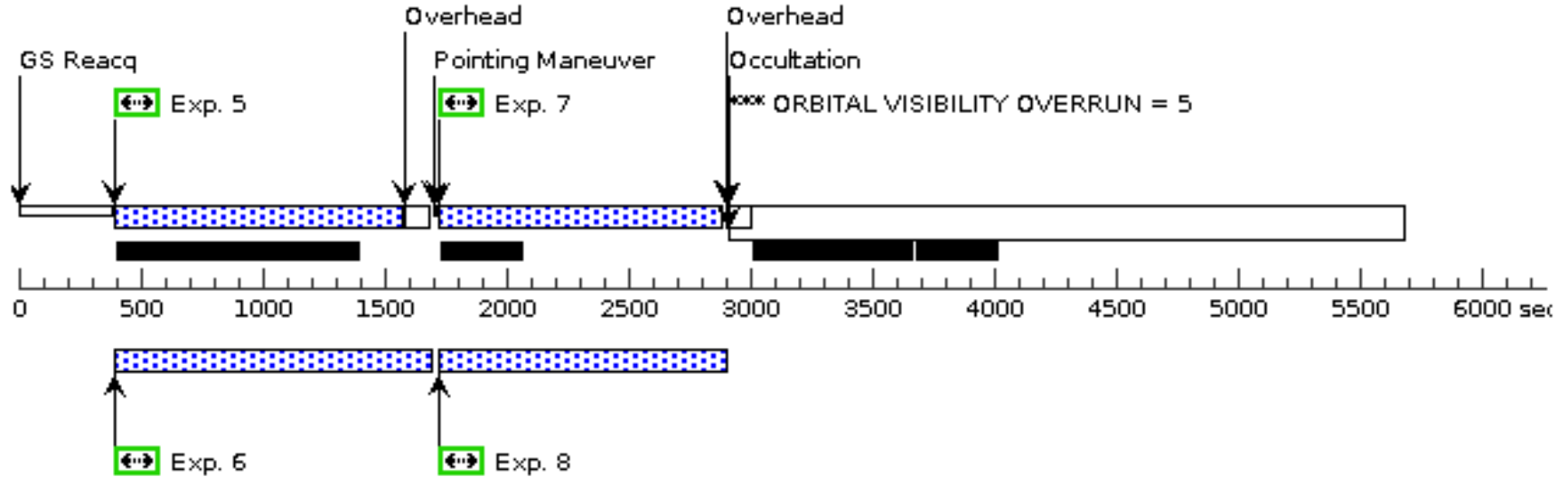
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626

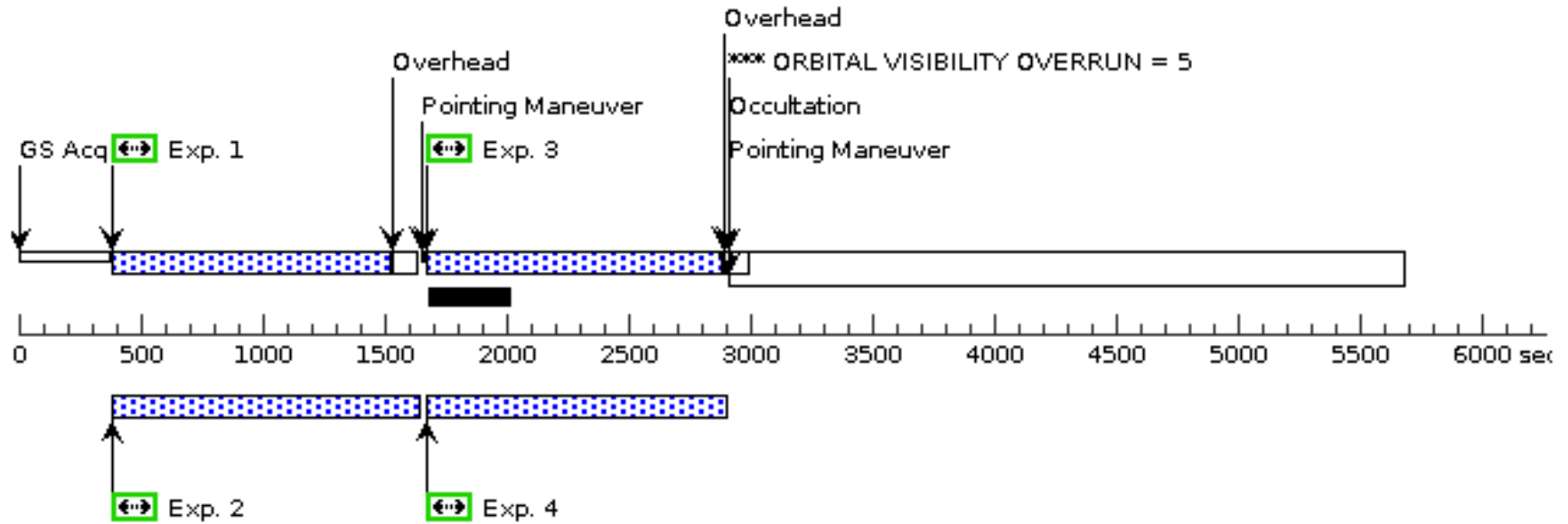


Proposal 16278 - ABELL-370 WFC3/UVIS F200LP Primary (60) - Flashlights: Many Extremely Magnified Individual Stars as Probes of...

Visit	Proposal 16278, ABELL-370 WFC3/UVIS F200LP Primary (60), completed								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 57									
Diagnostics	(ABELL-370 WFC3/UVIS F200LP Primary (60)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-370 WFC3/UVIS F200LP Primary (60)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	ABELL-370	RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1519 0312,1.3132015625	Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F200 LP Primary (60)	1110 Secs (1110 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F200 LP Primary (60)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.17062 0312,1.30788124999 99999	Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F200 LP Primary (60)	1210 Secs (1210 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F200 LP Primary (60)	1109 Secs (1107 Secs) [==>1107.0 Secs]	[1]
	5		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.01268 4375000000001,-3.5 698734375	Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F200 LP Primary (60)	1185 Secs (1179 Secs) [==>1179.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F200 LP Primary (60)	1164 Secs (1175 Secs) [==>1175.0 Secs]	[2]
	7		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.15375 9375,-3.3750984375	Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F200 LP Primary (60)	1170 Secs (1164 Secs) [==>1164.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F200 LP Primary (60)	1167 Secs (1055 Secs) [==>1055.0 Secs]	[2]

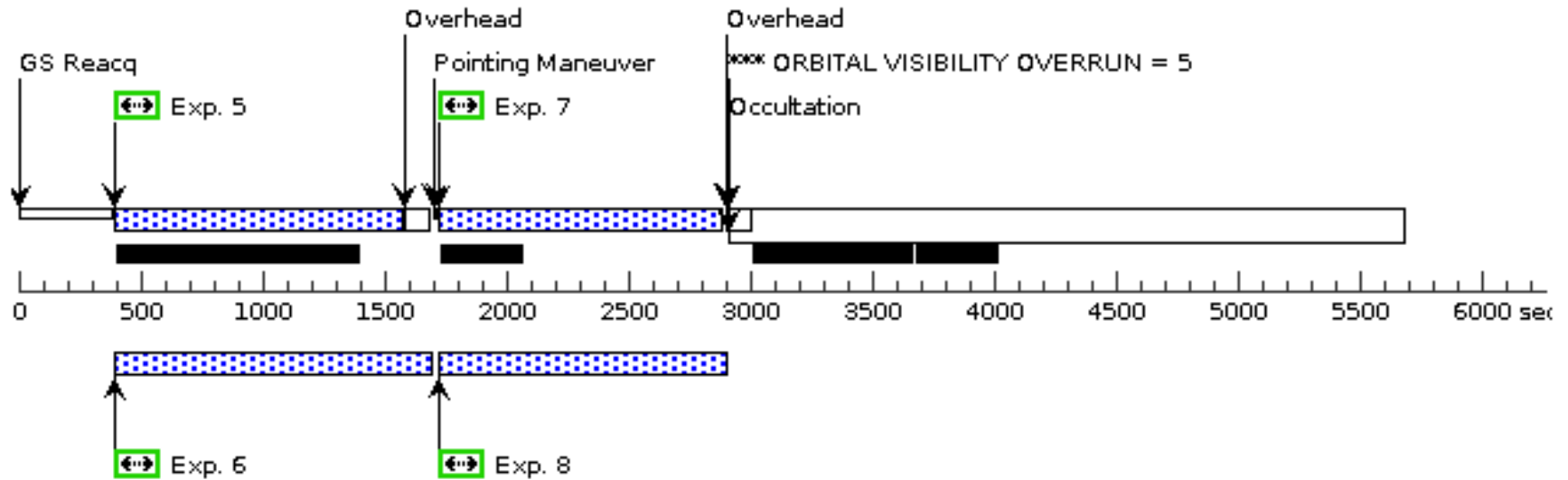
Orbit 1

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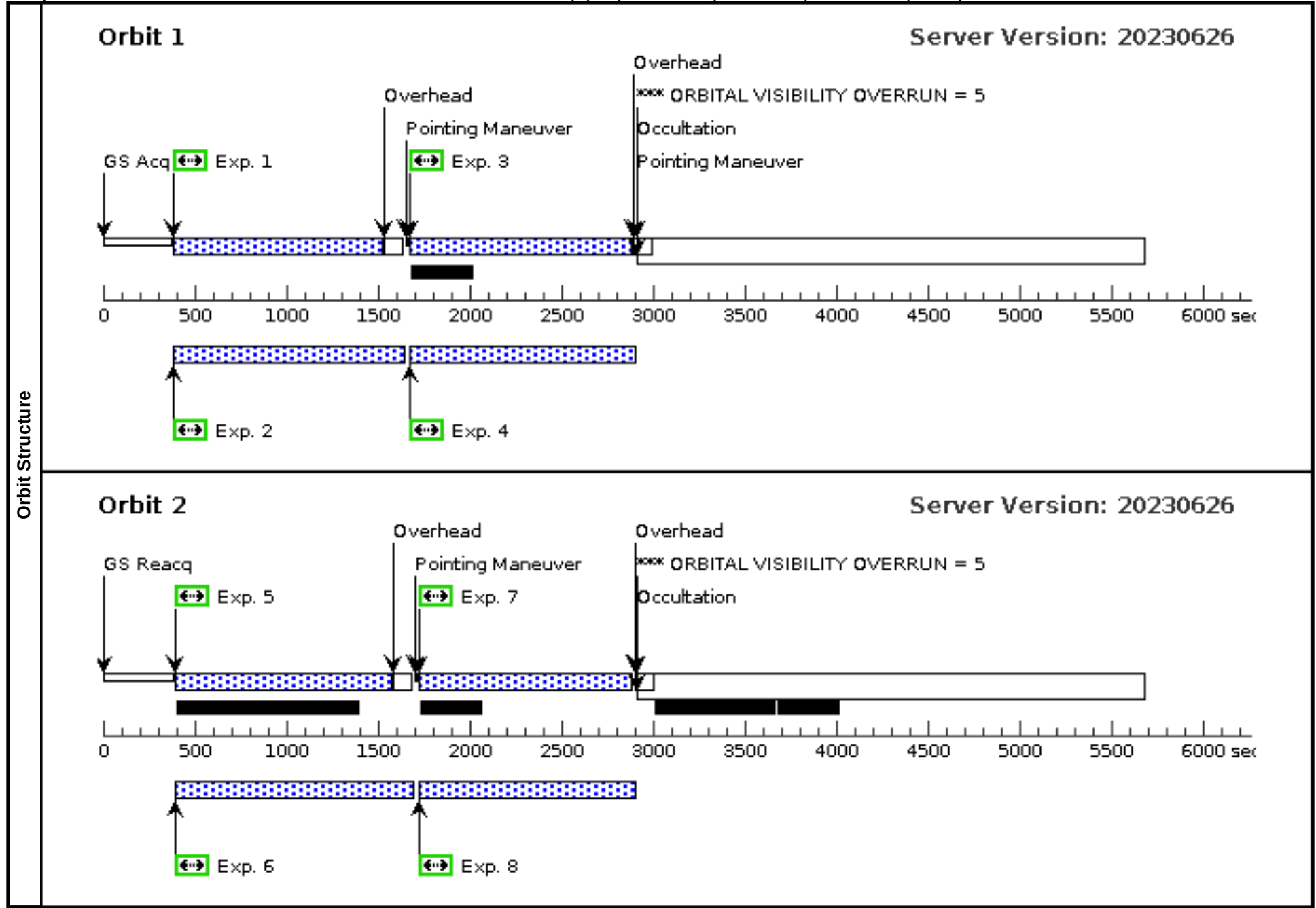
Orbit 2

Server Version: 20230626



Proposal 16278 - ABELL-370 WFC3/UVIS F350LP Primary (61) - Flashlights: Many Extremely Magnified Individual Stars as Probes of...

Visit	Proposal 16278, ABELL-370 WFC3/UVIS F350LP Primary (61), completed								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 57									
Diagnostics	(ABELL-370 WFC3/UVIS F350LP Primary (61)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-370 WFC3/UVIS F350LP Primary (61)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	ABELL-370	RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1048 78125,1.4966265625	Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F350 LP Primary (61)	1110 Secs (1110 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F350 LP Primary (61)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0966 7968750000001,1.20 078125	Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F350 LP Primary (61)	1210 Secs (1210 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F350 LP Primary (61)	1109 Secs (1107 Secs) [==>1107.0 Secs]	[1]
	5		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0323 296875,-3.52989375	Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F350 LP Primary (61)	1185 Secs (1179 Secs) [==>1179.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F350 LP Primary (61)	1164 Secs (1175 Secs) [==>1175.0 Secs]	[2]
	7		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.06713 43750000000,-3.334 0984375000002	Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F350 LP Primary (61)	1170 Secs (1164 Secs) [==>1164.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F350 LP Primary (61)	1167 Secs (1055 Secs) [==>1055.0 Secs]	[2]

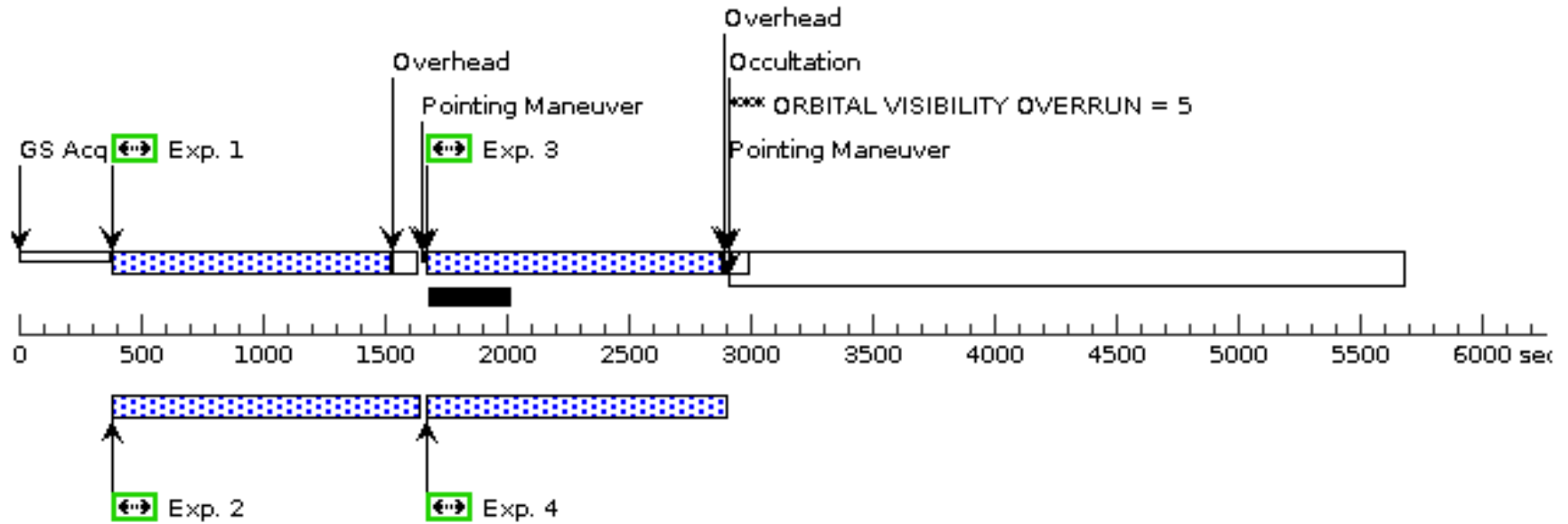


Proposal 16278 - ABELL-370 WFC3/UVIS F200LP Primary (62) - Flashlights: Many Extremely Magnified Individual Stars as Probes of...

Visit	Proposal 16278, ABELL-370 WFC3/UVIS F200LP Primary (62), completed								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 57									
Diagnostics	(ABELL-370 WFC3/UVIS F200LP Primary (62)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-370 WFC3/UVIS F200LP Primary (62)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	ABELL-370	RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]			V=27		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.2867 90625,1.3595515624 999999	Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F200 LP Primary (62)	1110 Secs (1110 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F200 LP Primary (62)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.12668 90625,1.510409375	Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F200 LP Primary (62)	1210 Secs (1210 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F200 LP Primary (62)	1109 Secs (1107 Secs) [==>1107.0 Secs]	[1]
	5		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1678 359375,-3.286703125	Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F200 LP Primary (62)	1185 Secs (1179 Secs) [==>1179.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F200 LP Primary (62)	1164 Secs (1175 Secs) [==>1175.0 Secs]	[2]
	7		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.02134 6875,-3.5285484375	Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F200 LP Primary (62)	1170 Secs (1164 Secs) [==>1164.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F200 LP Primary (62)	1167 Secs (1055 Secs) [==>1055.0 Secs]	[2]

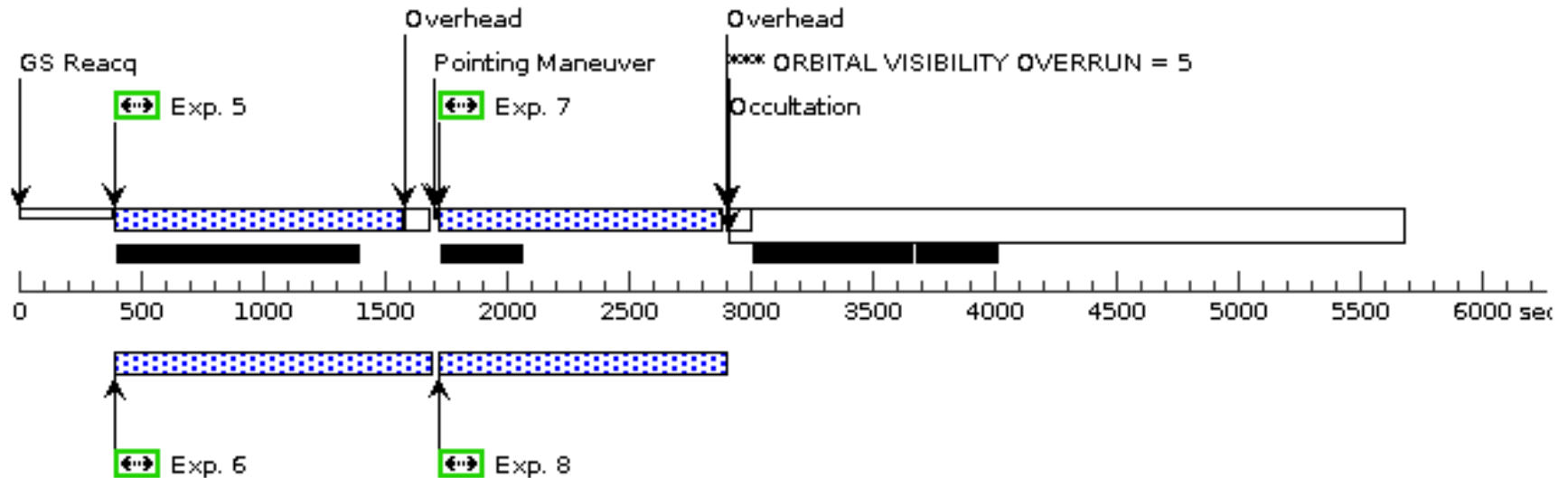
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626

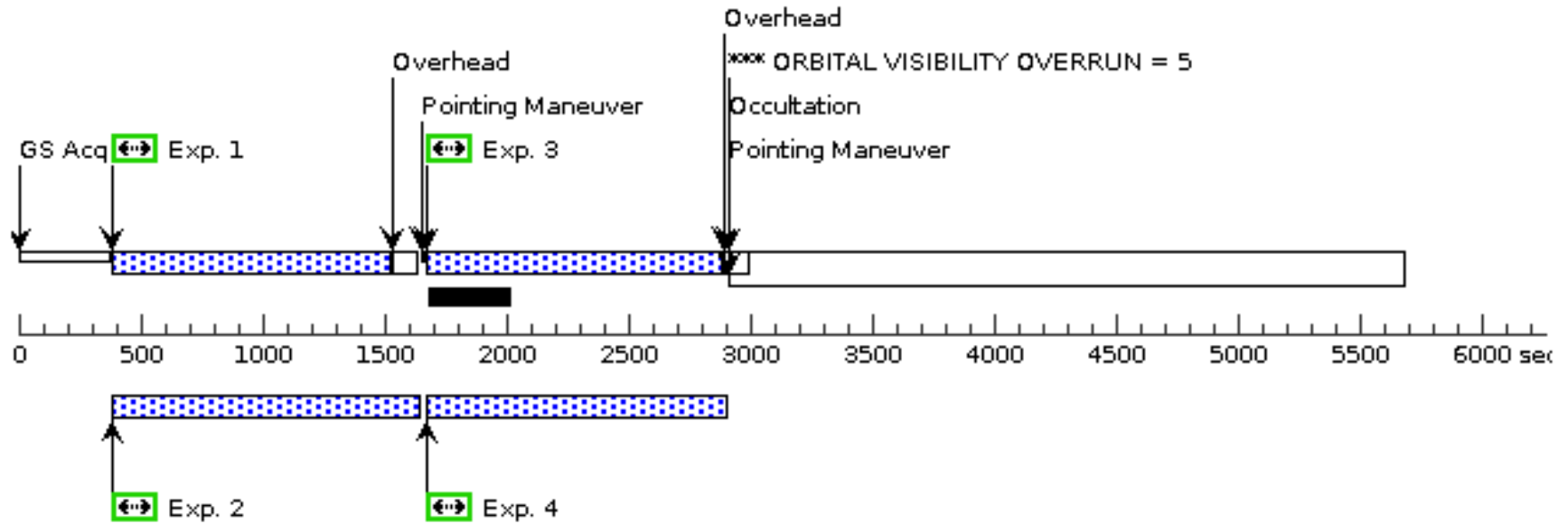


Proposal 16278 - ABELL-370 WFC3/UVIS F350LP Primary (63) - Flashlights: Many Extremely Magnified Individual Stars as Probes of...

Visit	Proposal 16278, ABELL-370 WFC3/UVIS F350LP Primary (63), completed								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 57									
Diagnostics	(ABELL-370 WFC3/UVIS F350LP Primary (63)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-370 WFC3/UVIS F350LP Primary (63)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	ABELL-370	RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1517 484375,1.470440625	Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F350 LP Primary (63)	1110 Secs (1110 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F350 LP Primary (63)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.08213 906250000001,1.295 059375	Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F350 LP Primary (63)	1210 Secs (1210 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F350 LP Primary (63)	1109 Secs (1107 Secs) [==>1107.0 Secs]	[1]
	5		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1661 34375,-3.539479687 5	Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F350 LP Primary (63)	1185 Secs (1179 Secs) [==>1179.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F350 LP Primary (63)	1164 Secs (1175 Secs) [==>1175.0 Secs]	[2]
	7		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.06852 65625 ,-3.390321875	Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F350 LP Primary (63)	1170 Secs (1164 Secs) [==>1164.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F350 LP Primary (63)	1167 Secs (1055 Secs) [==>1055.0 Secs]	[2]

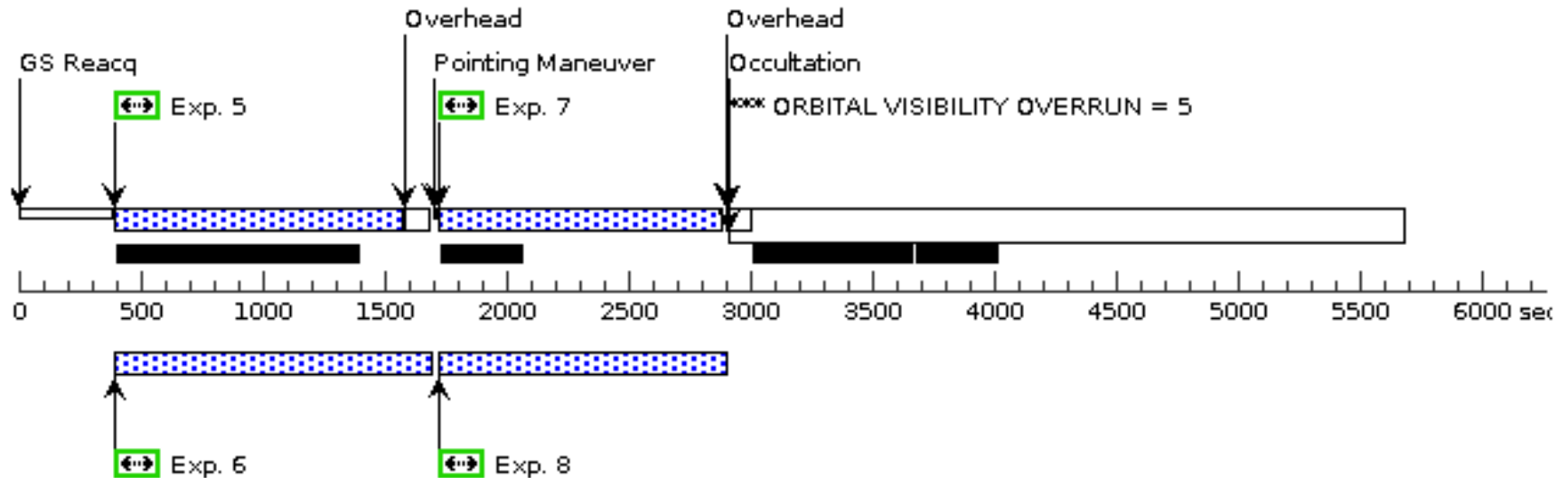
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626

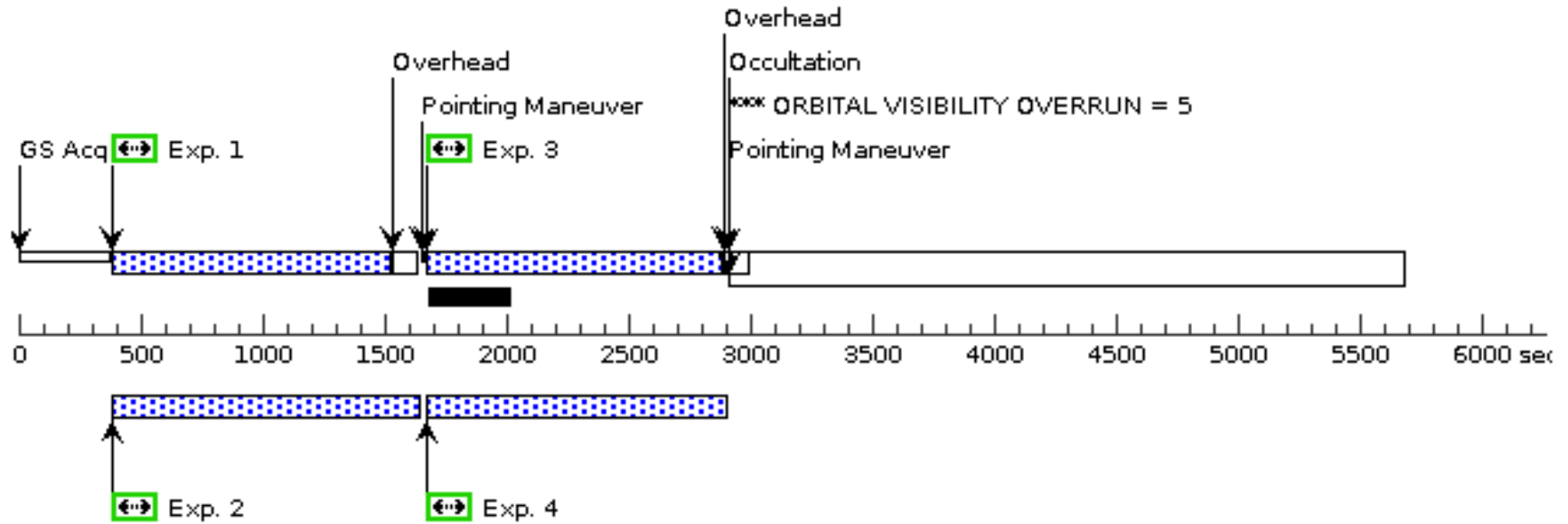


Proposal 16278 - ABELL-370 WFC3/UVIS F200LP Primary (64) - Flashlights: Many Extremely Magnified Individual Stars as Probes of...

Visit	Proposal 16278, ABELL-370 WFC3/UVIS F200LP Primary (64), completed								Wed Jan 03 16:01:40 GMT 2024	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 57									
Diagnostics	(ABELL-370 WFC3/UVIS F200LP Primary (64)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(ABELL-370 WFC3/UVIS F200LP Primary (64)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	ABELL-370	RA: 02 39 52.8000 (39.9700000d) Dec: -01 34 36.00 (-1.57667d) Equinox: J2000 Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]			V=27		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1067 34375,1.4613203125	Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F200 LP Primary (64)	1110 Secs (1110 Secs) [==>]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in ABELL-370 WFC3/UVIS F200 LP Primary (64)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.08198 437500000001,1.480 9765625	Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F200 LP Primary (64)	1210 Secs (1210 Secs) [==>]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in ABELL-370 WFC3/UVIS F200 LP Primary (64)	1109 Secs (1107 Secs) [==>1107.0 Secs]	[1]
	5		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1220 48437500000001,-3.2 77409375	Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F200 LP Primary (64)	1185 Secs (1179 Secs) [==>1179.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in ABELL-370 WFC3/UVIS F200 LP Primary (64)	1164 Secs (1175 Secs) [==>1175.0 Secs]	[2]
	7		(1) ABELL-370	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.11292 1875,-3.5642734375	Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F200 LP Primary (64)	1170 Secs (1164 Secs) [==>1164.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in ABELL-370 WFC3/UVIS F200 LP Primary (64)	1167 Secs (1055 Secs) [==>1055.0 Secs]	[2]

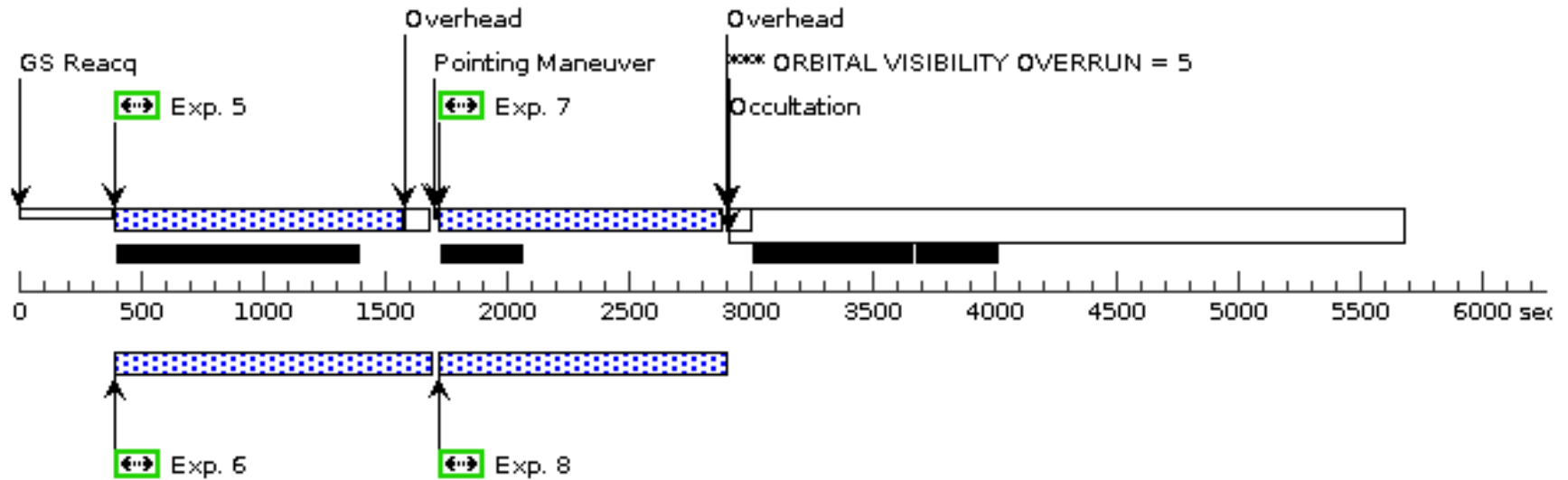
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (65) - Flashlights: Many Extremely Magnified Individual Stars as ...

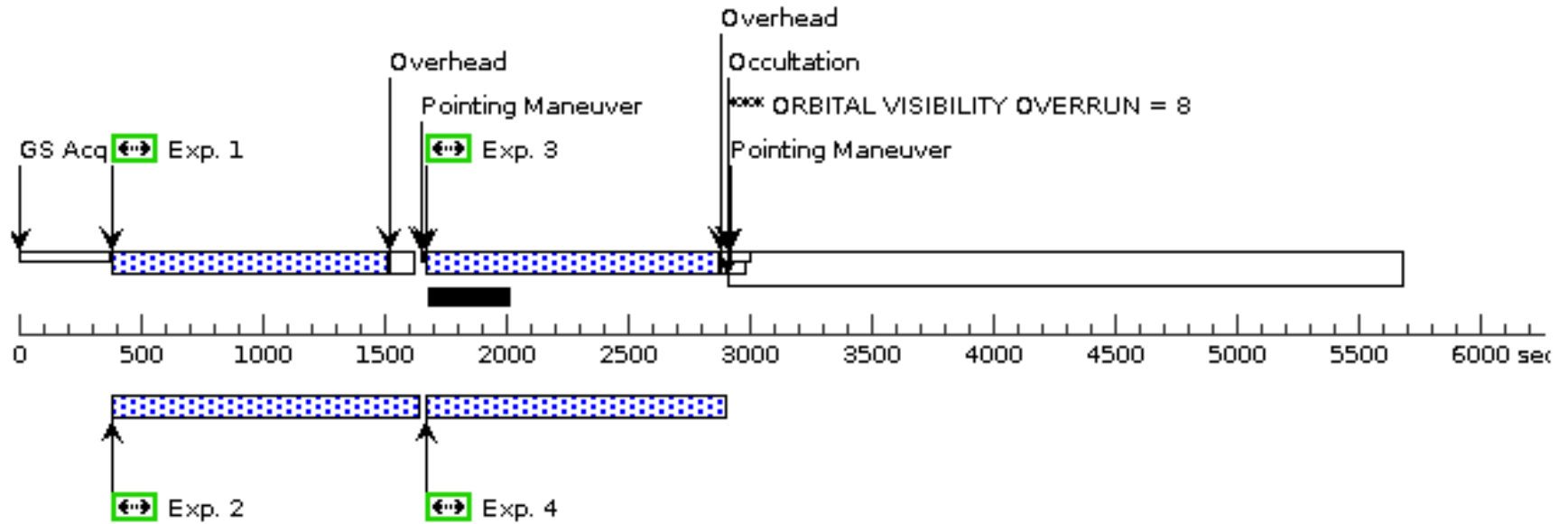
Visit	Proposal 16278, MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (65), completed Wed Jan 03 16:01:40 GMT 2024				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 275.2D TO 276.2 D; SEQ 65,66,67,68,69,70,71,72 WITHIN 14.5 Orbits <i>Comments: Orient needs to match that of Cycle 27 (GO-15936) visit to field on schedule for Fall 2020</i>				
Diagnostics	(MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (65)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]				

Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (65) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1149.5+223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2410 03125,1.2380015625	Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (65)	1110 Secs (1102 Secs) [==>1102.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (65)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(3) MACSJ1149.5+223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.12792 6562,1.29447812	Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (65)	1210 Secs (1202 Secs) [==>1202.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (65)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(3) MACSJ1149.5+223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2113 03125,-3.332098; NEW OBSET FULL ACQ	Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (65)	1185 Secs (1129 Secs) [==>1129.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (65)	1164 Secs (1050 Secs) [==>1050.0 Secs]	[2]
	7		(3) MACSJ1149.5+223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.24533 437500000002,-3.49 96984375	Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (65)	1259 Secs (1203 Secs) [==>1203.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (65)	1167 Secs (1077 Secs) [==>1077.0 Secs]	[2]

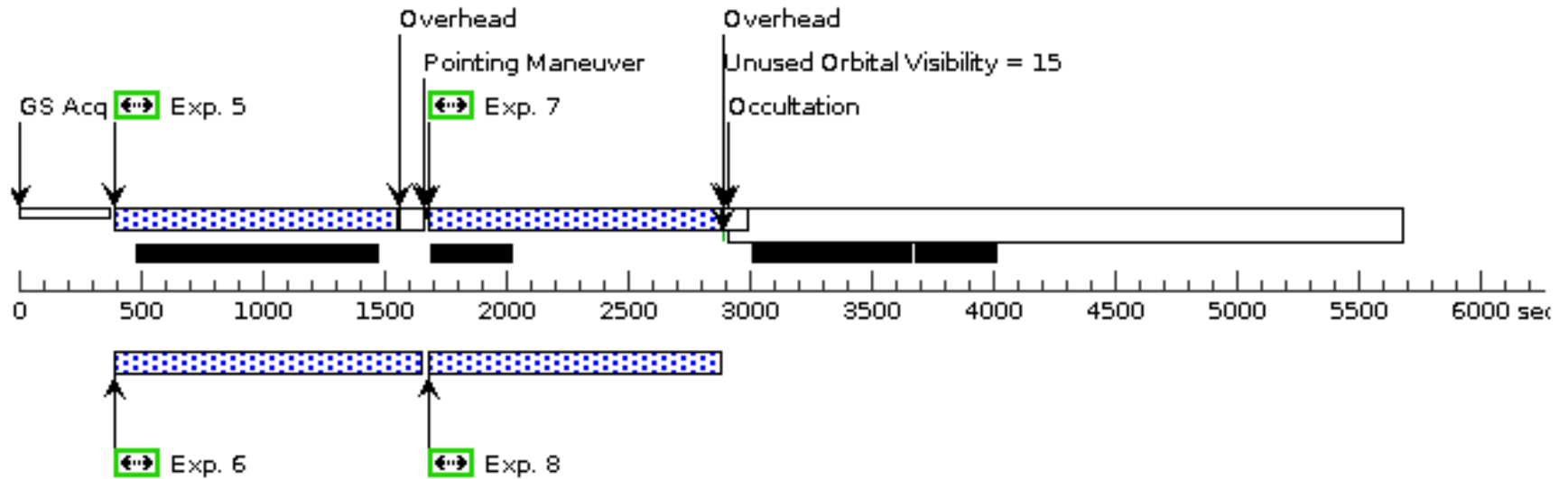
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (66) - Flashlights: Many Extremely Magnified Individual Stars as ...

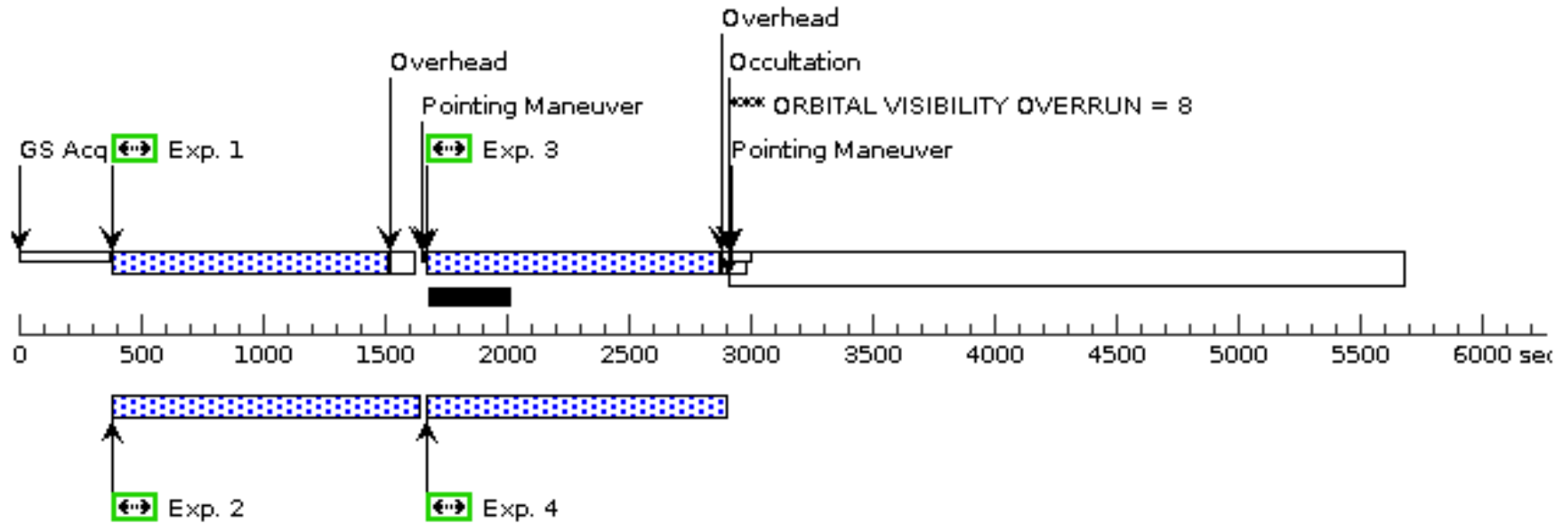
Visit	Proposal 16278, MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (66), completed					Wed Jan 03 16:01:40 GMT 2024
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; SAME ORIENT AS 65					
Diagnos	(MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (66)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]						

Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (66) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1047 234375,1.293428125	Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (66)	1110 Secs (1102 Secs) [==>1102.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (66)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.0504 28125000000004,1.2584015625	Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (66)	1210 Secs (1202 Secs) [==>1202.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (66)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.01283 9062500000002,-3.380540625; NEW OBSET FULL ACQ	Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (66)	1185 Secs (1129 Secs) [==>1129.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (66)	1164 Secs (1050 Secs) [==>1050 Secs]	[2]
	7		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.28880 15625,-3.372834375	Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (66)	1259 Secs (1203 Secs) [==>1203.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (66)	1167 Secs (1077 Secs) [==>1077.0 Secs]	[2]

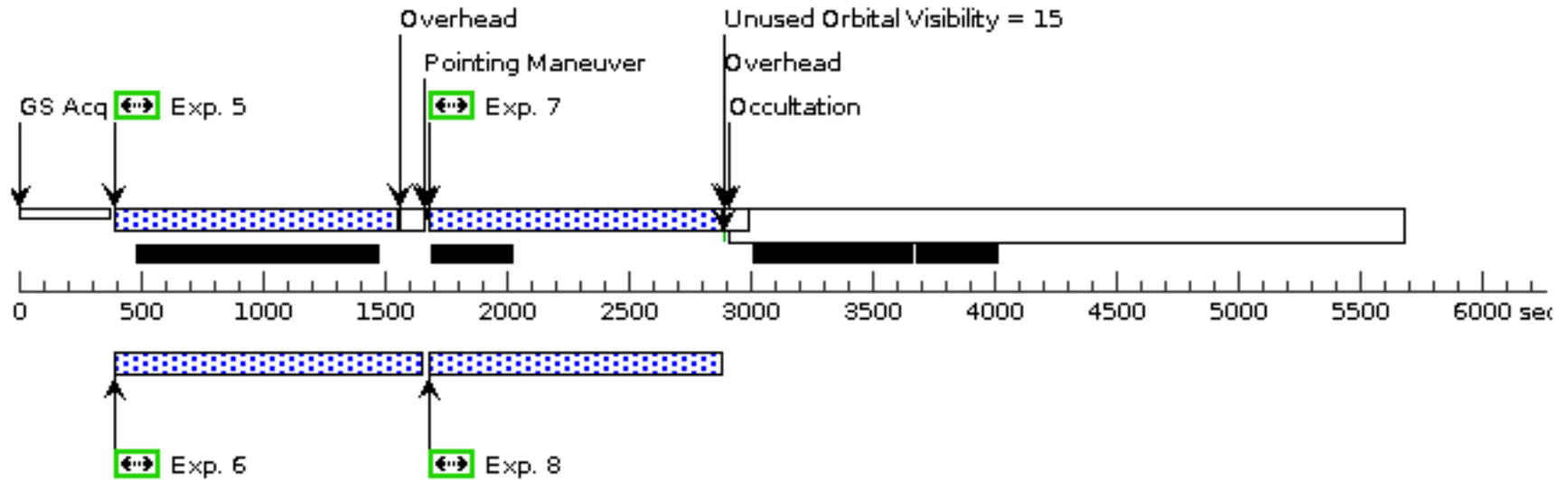
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (67) - Flashlights: Many Extremely Magnified Individual Stars as ...

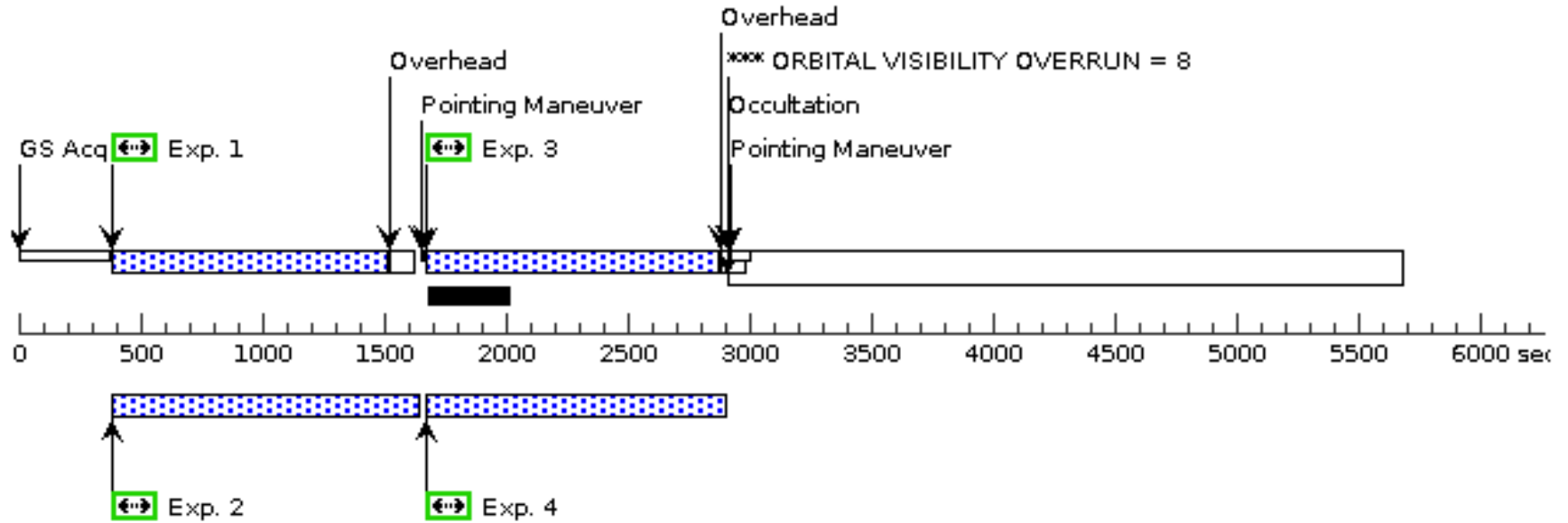
Visit	Proposal 16278, MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (67), completed					Wed Jan 03 16:01:41 GMT 2024
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; SAME ORIENT AS 65					
Diagnos	(MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (67)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]						

Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (67) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2397 65625,1.2763515625	Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (67)	1110 Secs (1102 Secs) [==>1102.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (67)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.03867 1875,1.5113515625	Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (67)	1210 Secs (1202 Secs) [==>1202.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (67)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0298 54687, -3.310006250 0000003; NEW OBSET FULL ACQ	Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (67)	1185 Secs (1129 Secs) [==>1129.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (67)	1164 Secs (1050 Secs) [==>1050 Secs]	[2]
	7		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.02196 5625000000003,-3.3 390296874999996	Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (67)	1259 Secs (1203 Secs) [==>1203.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (67)	1167 Secs (1077 Secs) [==>1077.0 Secs]	[2]

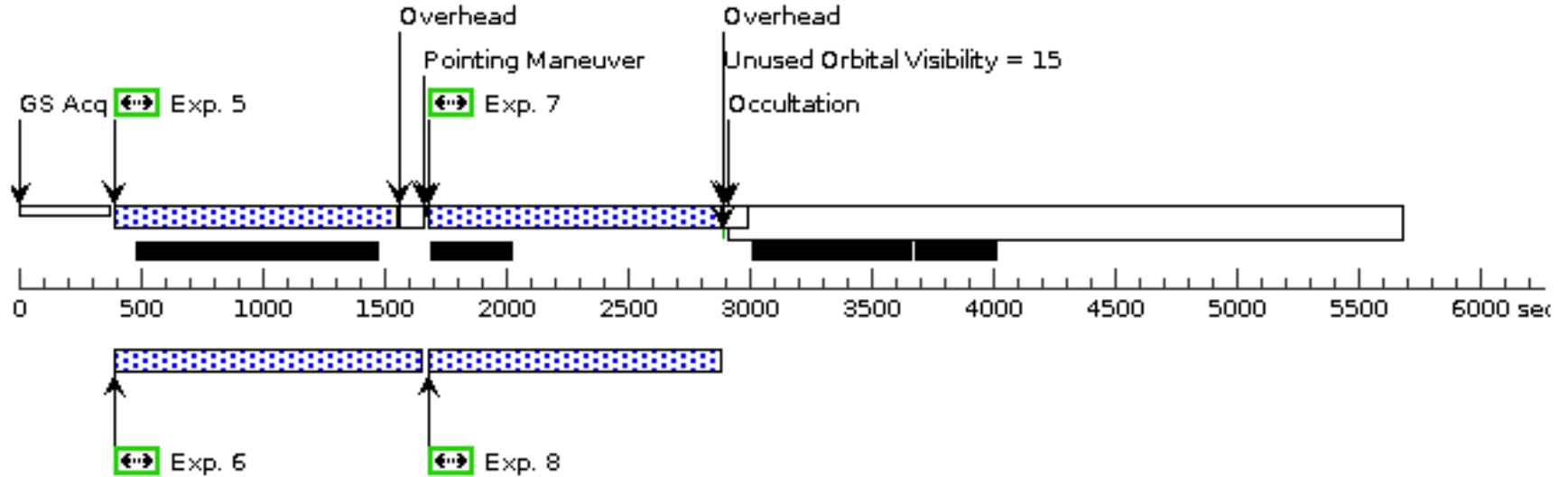
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (68) - Flashlights: Many Extremely Magnified Individual Stars as ...

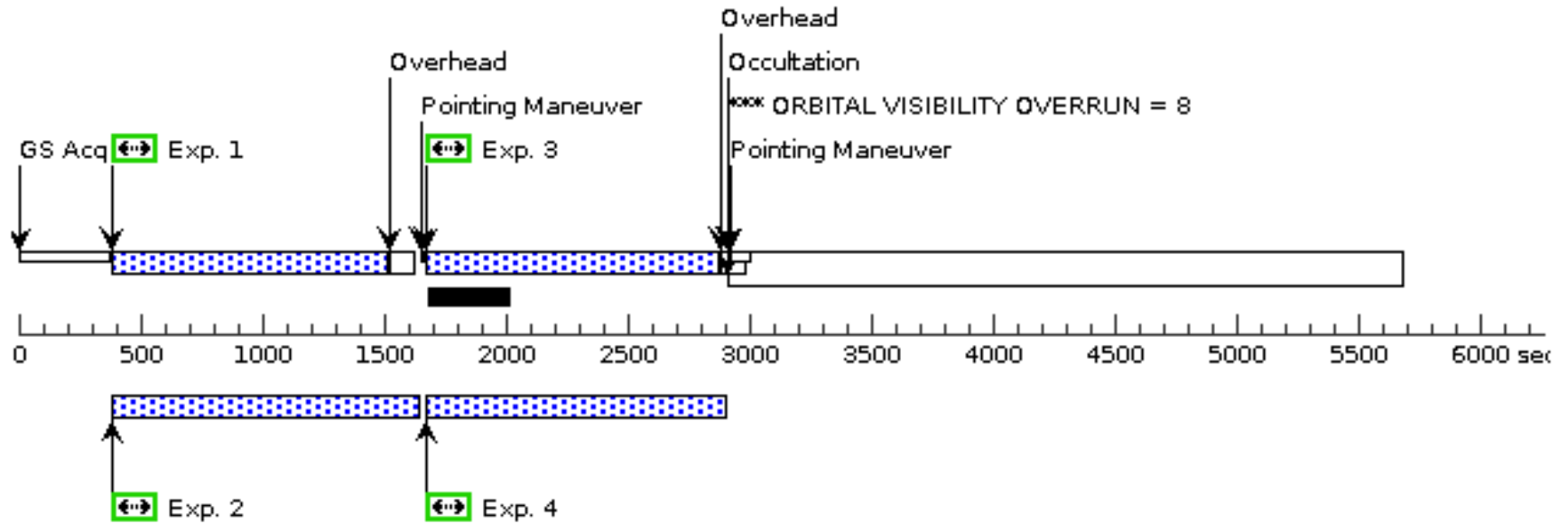
Visit	Proposal 16278, MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (68), completed					Wed Jan 03 16:01:41 GMT 2024
	Diagnostic Status: Warning					
Diagnostics	Scientific Instruments: WFC3/UVIS, ACS/WFC					
	Special Requirements: SCHED 100%; SAME ORIENT AS 65					
Fixed Targets	(MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (68)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
Fixed Targets	Comments:					
	Category=CLUSTER OF GALAXIES					
Fixed Targets	Description=[GRAVITATIONAL LENS]					

Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (68) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1519 0312,1.3132015625	Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (68)	1110 Secs (1102 Secs) [==>1102.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (68)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.17062 0312,1.30788124999 99999	Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (68)	1210 Secs (1202 Secs) [==>1202.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (68)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.01268 4375000000001,-3.5 698734375; NEW OBSET FULL ACQ	Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (68)	1185 Secs (1129 Secs) [==>1129.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (68)	1164 Secs (1050 Secs) [==>1050 Secs]	[2]
	7		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.15375 9375,-3.3750984375	Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (68)	1259 Secs (1203 Secs) [==>1203.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (68)	1167 Secs (1077 Secs) [==>1077.0 Secs]	[2]

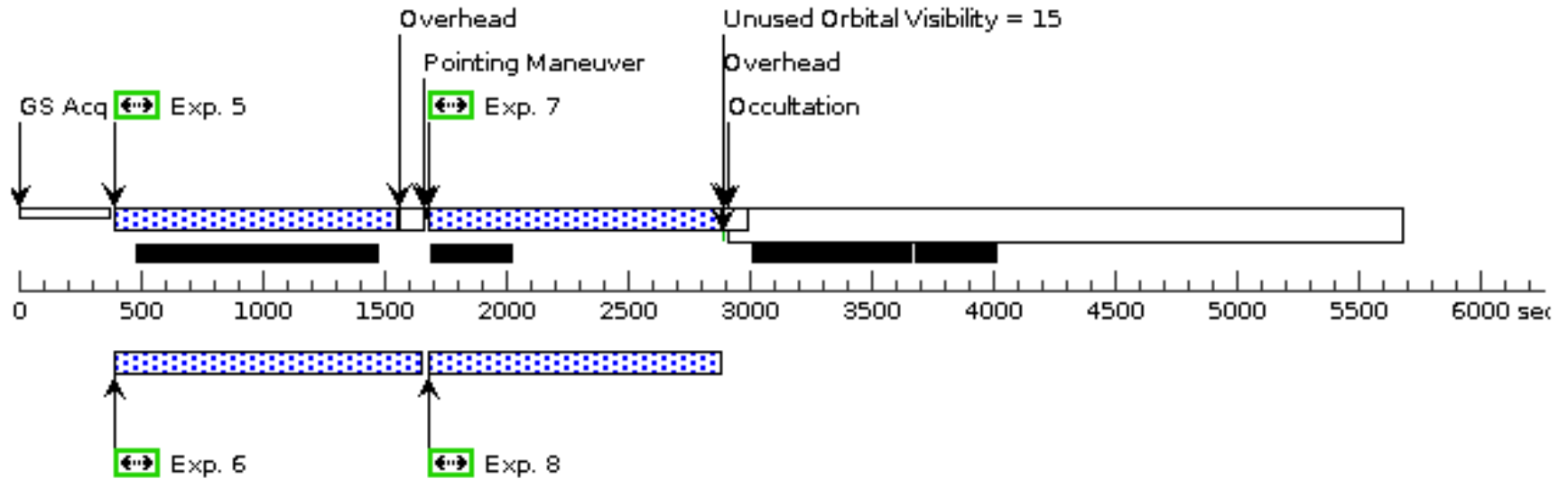
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (69) - Flashlights: Many Extremely Magnified Individual Stars as ...

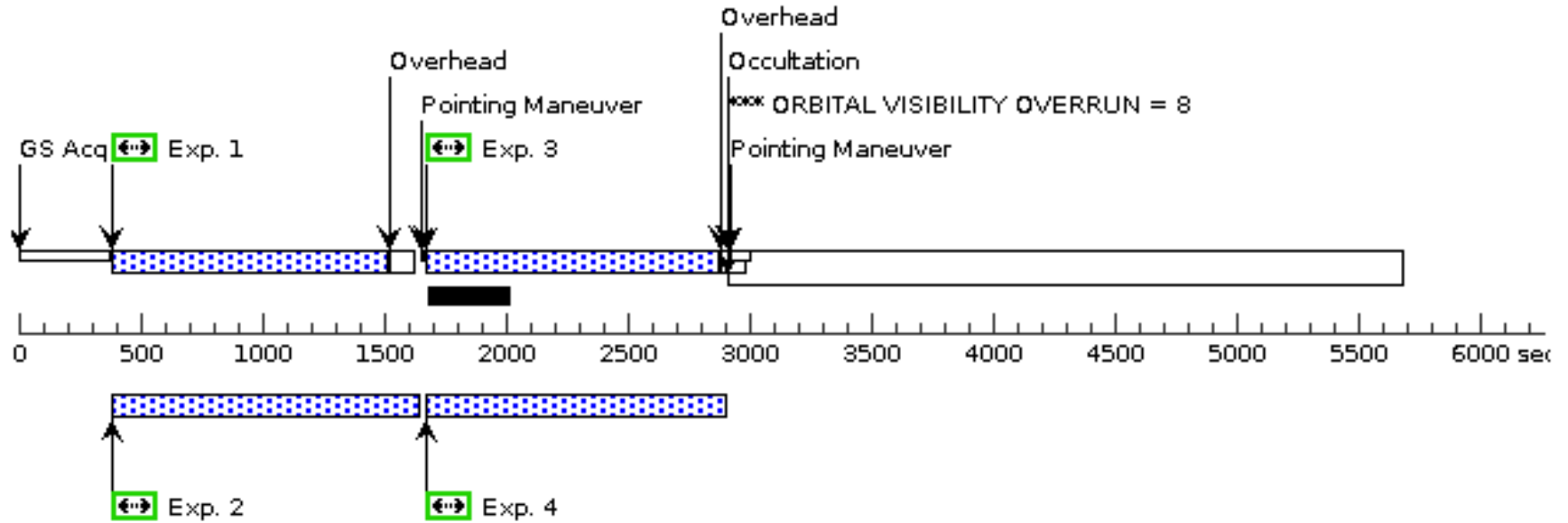
Visit	Proposal 16278, MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (69), completed					Wed Jan 03 16:01:41 GMT 2024
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; SAME ORIENT AS 65					
Diagnos	(MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (69)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]						

Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (69) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1048 78125,1.4966265625	Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (69)	1110 Secs (1102 Secs) [==>1102.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (69)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0966 7968750000001,1.20 078125	Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (69)	1210 Secs (1202 Secs) [==>1202.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (69)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0323 296875,-3.52989375; NEW OBSET FULL ACQ	Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (69)	1185 Secs (1129 Secs) [==>1129.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (69)	1164 Secs (1050 Secs) [==>1050 Secs]	[2]
	7		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.06713 43750000000,-3.334 0984375000002	Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (69)	1259 Secs (1203 Secs) [==>1203.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (69)	1167 Secs (1077 Secs) [==>1077.0 Secs]	[2]

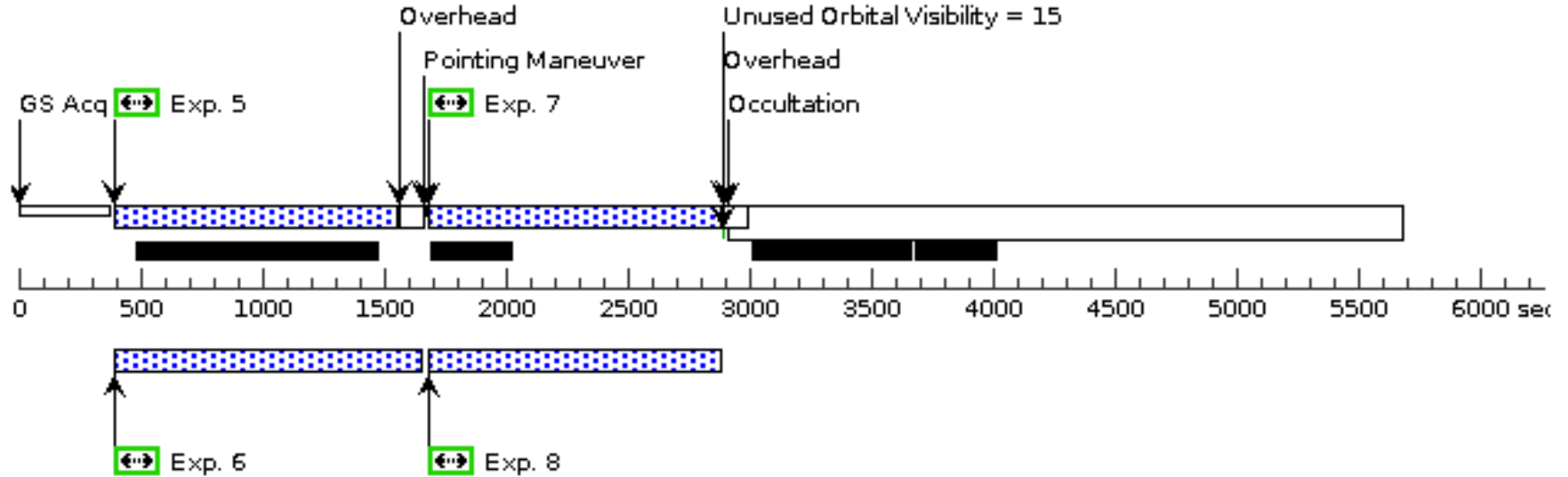
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (70) - Flashlights: Many Extremely Magnified Individual Stars as ...

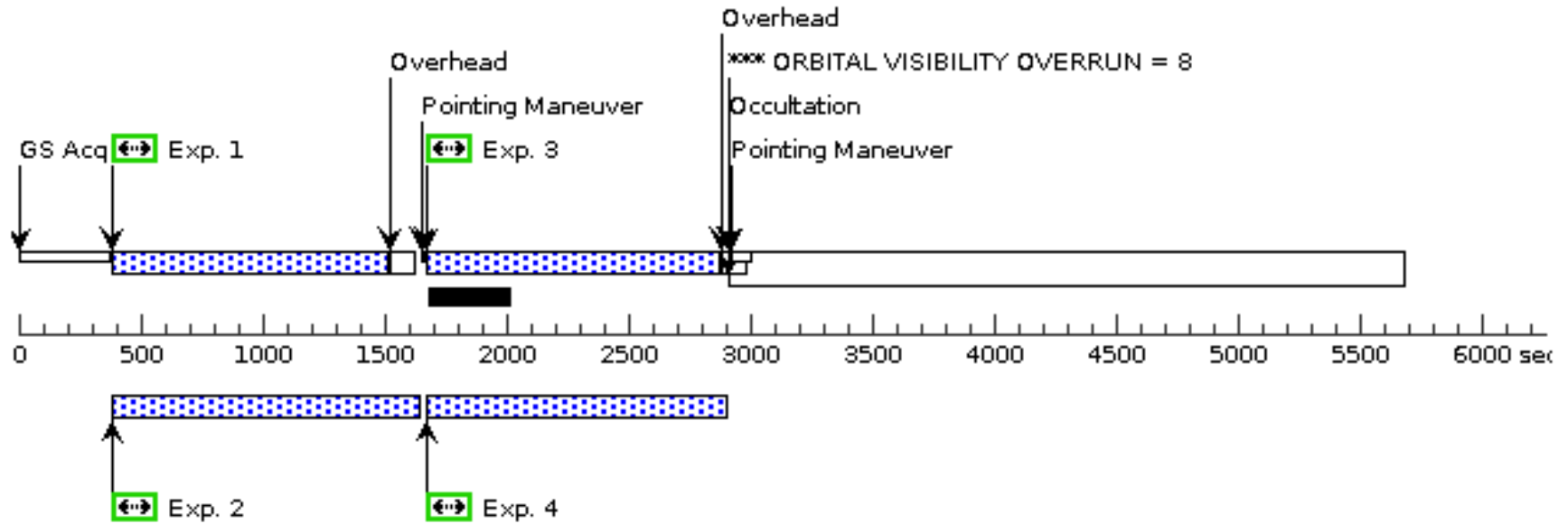
Visit	Proposal 16278, MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (70), completed					Wed Jan 03 16:01:41 GMT 2024
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; SAME ORIENT AS 65					
Diagnos	(MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (70)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]						

Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (70) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.2867 90625,1.3595515624 999999	Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (70)	1110 Secs (1102 Secs) [==>1102.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (70)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.12668 90625,1.510409375	Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (70)	1210 Secs (1202 Secs) [==>1202.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (70)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1678 359375,-3.286703125; NEW OBSET FULL ACQ	Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (70)	1185 Secs (1129 Secs) [==>1129.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (70)	1164 Secs (1050 Secs) [==>1050.0 Secs]	[2]
	7		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.02134 6875,-3.5285484375	Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (70)	1259 Secs (1203 Secs) [==>1203.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (70)	1167 Secs (1077 Secs) [==>1077.0 Secs]	[2]

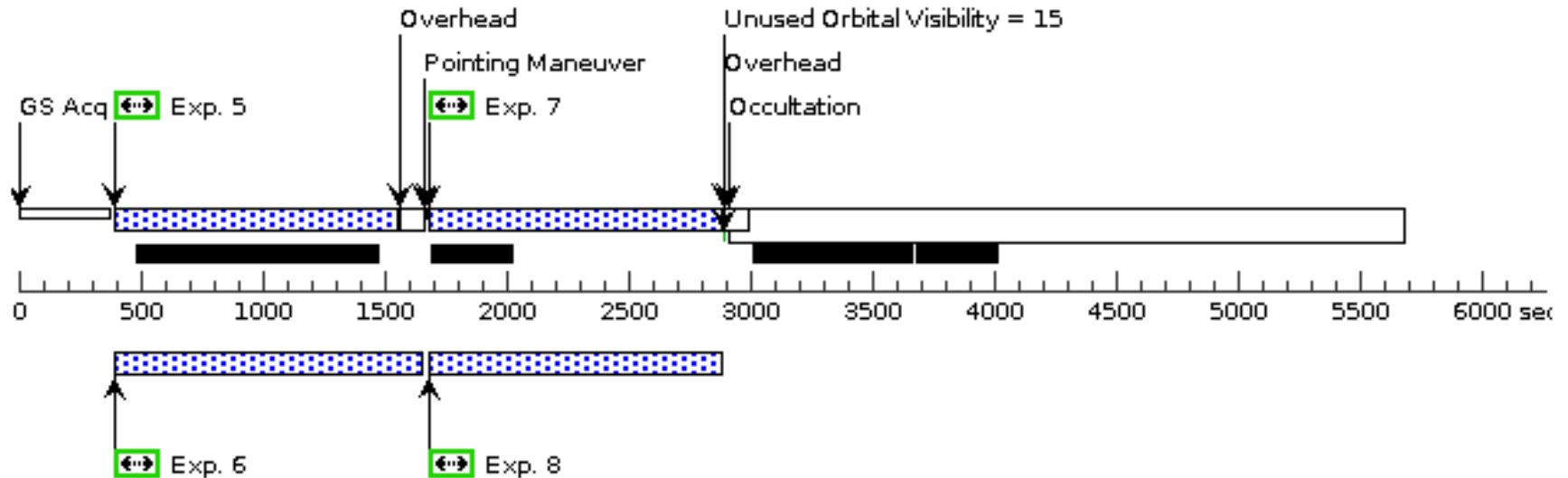
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (71) - Flashlights: Many Extremely Magnified Individual Stars as ...

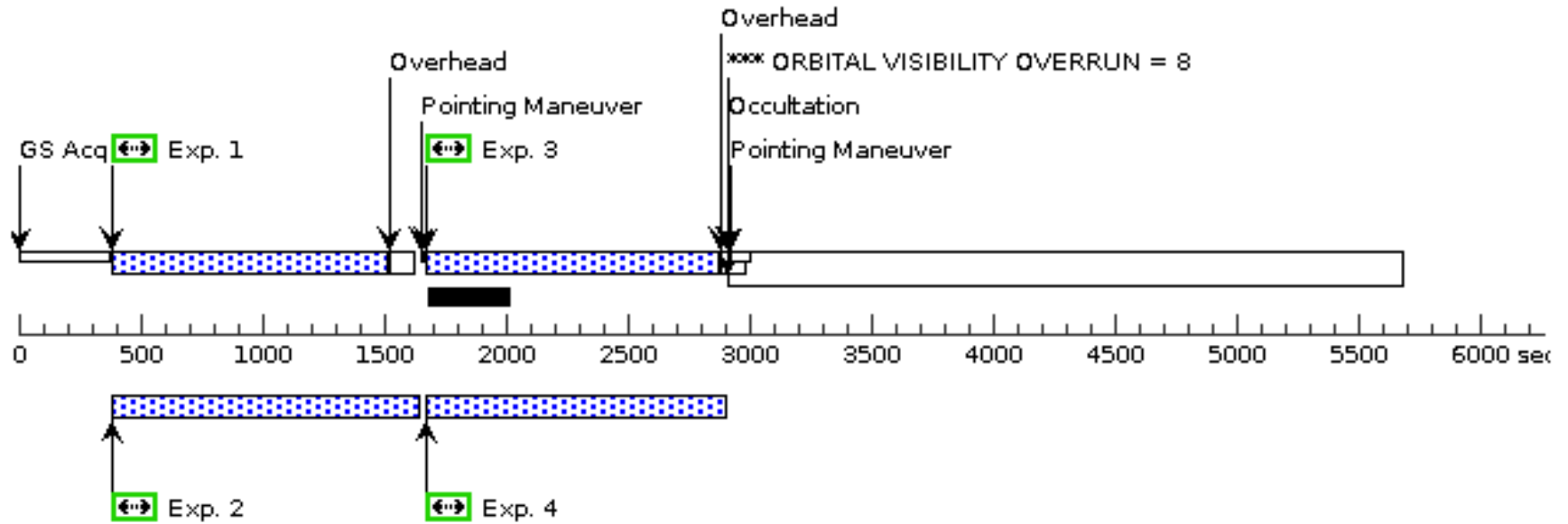
Visit	Proposal 16278, MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (71), completed Wed Jan 03 16:01:41 GMT 2024				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; SAME ORIENT AS 65				
Diagnostics	(MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (71)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27
Fixed Targets	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]				
	Miscellaneous Reference Frame: ICRS				

Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (71) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1517 484375,1.470440625	Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (71)	1110 Secs (1102 Secs) [==>1102.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (71)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.08213 906250000001,1.295 059375	Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (71)	1210 Secs (1202 Secs) [==>1202.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (71)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1661 34375,-3.539479687 5; NEW OBSET FULL ACQ	Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (71)	1185 Secs (1129 Secs) [==>1129.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (71)	1164 Secs (1050 Secs) [==>1050 Secs]	[2]
	7		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.06852 65625 ,-3.390321875	Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (71)	1259 Secs (1203 Secs) [==>1203.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F350LP Primary (71)	1167 Secs (1077 Secs) [==>1077.0 Secs]	[2]

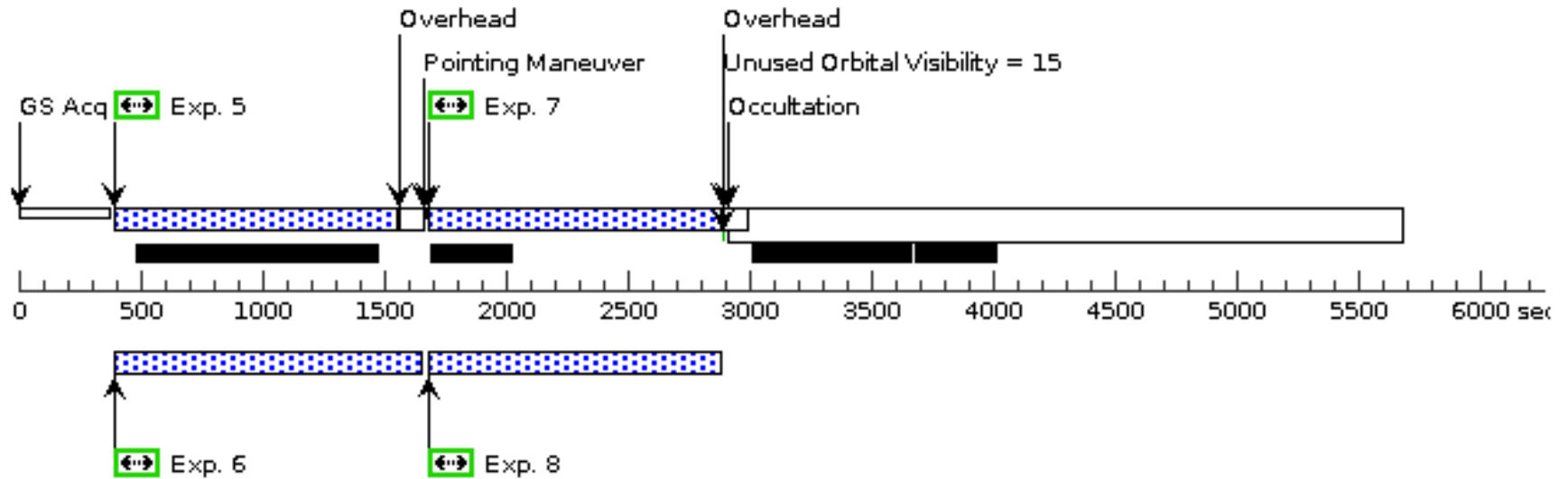
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (72) - Flashlights: Many Extremely Magnified Individual Stars as ...

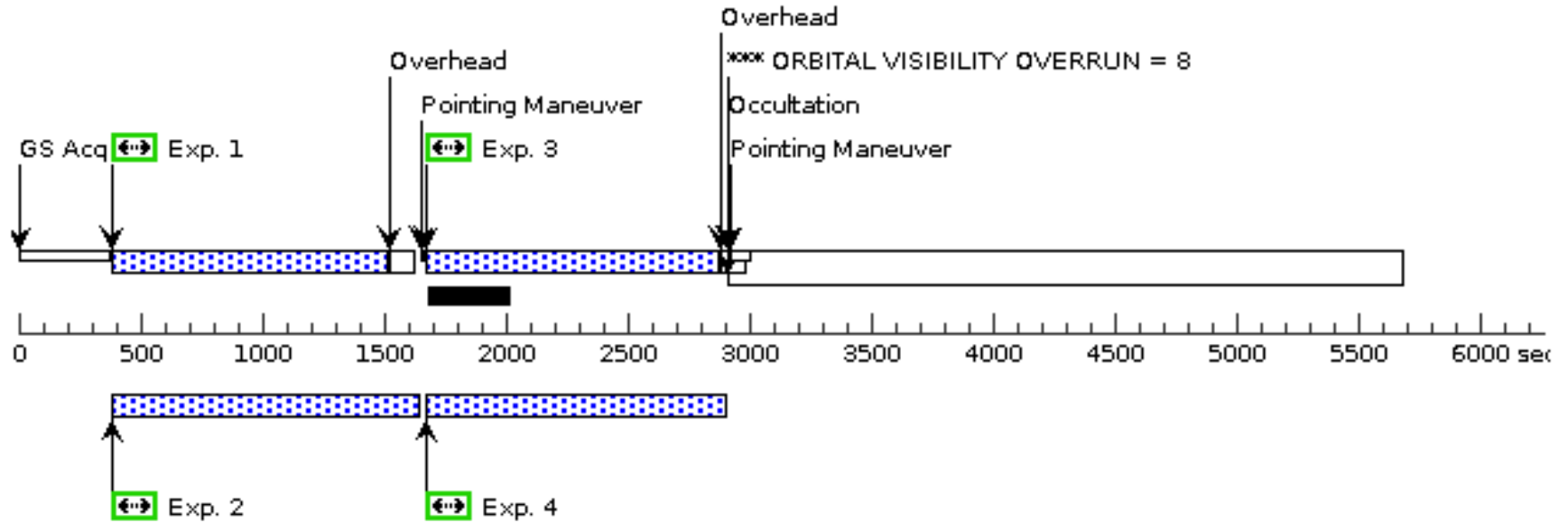
Visit	Proposal 16278, MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (72), completed					Wed Jan 03 16:01:41 GMT 2024
	Diagnostic Status: Warning					
Diagnostics	Scientific Instruments: WFC3/UVIS, ACS/WFC					
	Special Requirements: SCHED 100%; SAME ORIENT AS 65					
Fixed Targets	(MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (72)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
Fixed Targets	Comments:					
	Category=CLUSTER OF GALAXIES					
Fixed Targets	Description=[GRAVITATIONAL LENS]					

Proposal 16278 - MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (72) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1067 34375,1.4613203125	Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (72)	1110 Secs (1102 Secs) [==>1102 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (72)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.08198 437500000001,1.480 9765625	Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (72)	1210 Secs (1202 Secs) [==>1202.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (72)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1220 4843750000001,-3.2 77409375; NEW OBSET FULL ACQ	Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (72)	1185 Secs (1129 Secs) [==>1129.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (72)	1164 Secs (1050 Secs) [==>1050.0 Secs]	[2]
	7		(3) MACSJ1149.5+2223	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.11292 1875,-3.5642734375	Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (72)	1259 Secs (1203 Secs) [==>1203.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in MACSJ1149.5+2223 WFC3/UVIS F200LP Primary (72)	1167 Secs (1077 Secs) [==>1077.0 Secs]	[2]

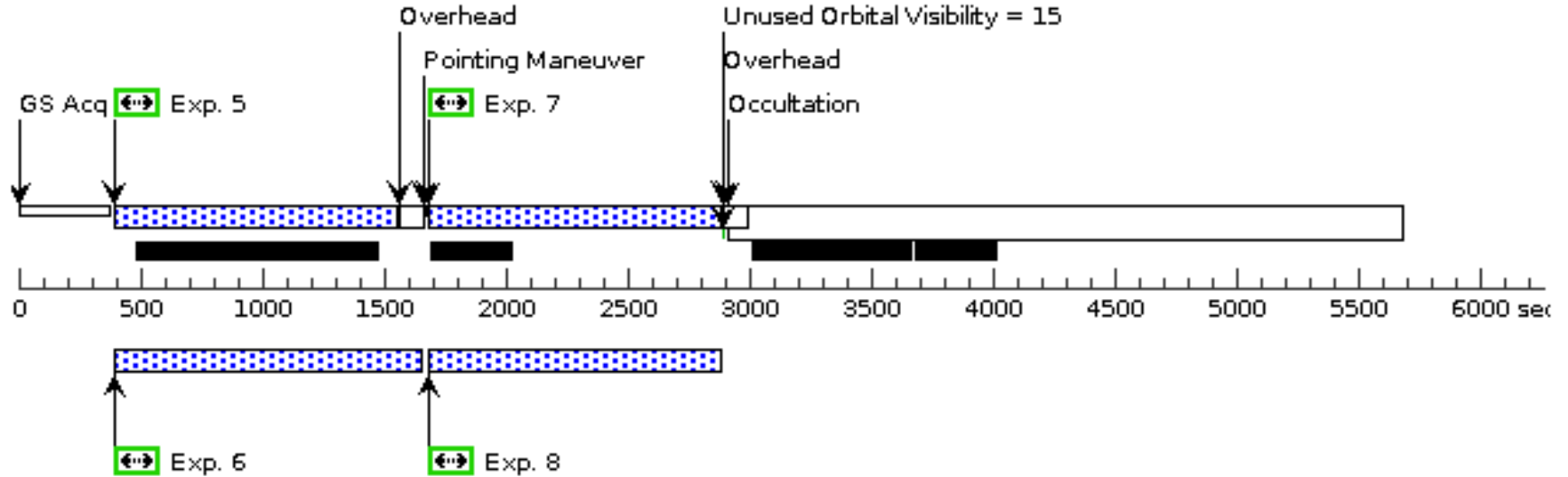
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (73) - Flashlights: Many Extremely Magnified Individual Stars as ...

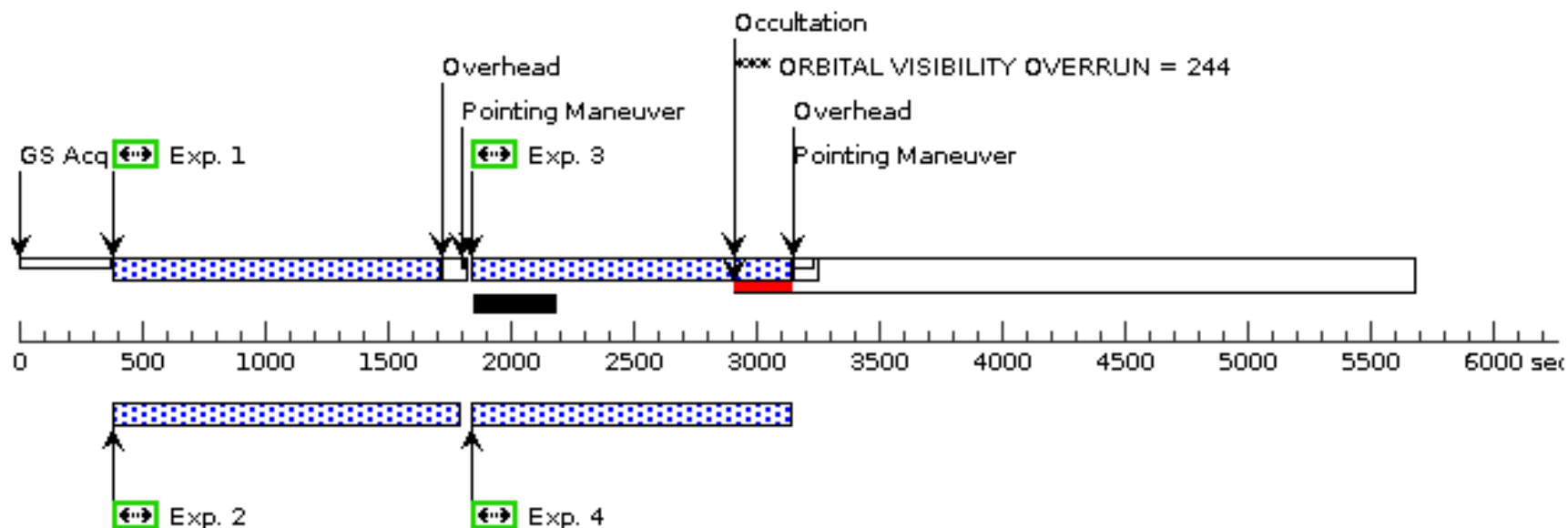
Visit	Proposal 16278, MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (73), completed					Wed Jan 03 16:01:41 GMT 2024
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/UVIS, ACS/WFC					
	Special Requirements: SCHED 100%; ORIENT 279.5D TO 280.5 D; SEQ 73,74,75,76,77,78,79,80 WITHIN 14.5 Orbits					
Diagnostics	Comments: Orient needs to match that of Cycle 27 (GO-15936) visit to field on schedule for Fall 2020					
	(MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (73)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (73)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	MACSJ0416.1-2403	RA: 04 16 8.9000 (64.0370833d)		V=27	Reference Frame: ICRS
			Dec: -24 04 28.70 (-24.07464d)			
			Equinox: J2000			
	Comments:					
	Category=CLUSTER OF GALAXIES					
	Description=[GRAVITATIONAL LENS]					

Proposal 16278 - MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (73) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2410 03125,1.2380015625	Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (73)	1110 Secs (1300 Secs) [==>1300.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (73)	1109 Secs (1200 Secs) [==>1200.0 Secs]	[1]
	3		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.12792 6562,1.29447812	Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (73)	1210 Secs (1300 Secs) [==>1300.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (73)	1109 Secs (1175 Secs) [==>1175.0 Secs]	[1]
	5		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2113 03125,-3.332098; NEW OBSET FULL ACQ	Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (73)	1185 Secs (1295 Secs) [==>1295.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (73)	1164 Secs (1200 Secs) [==>1200.0 Secs]	[2]
	7		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.24533 437500000002,-3.49 96984375	Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (73)	1259 Secs (1295 Secs) [==>1295.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (73)	1167 Secs (1170 Secs) [==>1170.0 Secs]	[2]

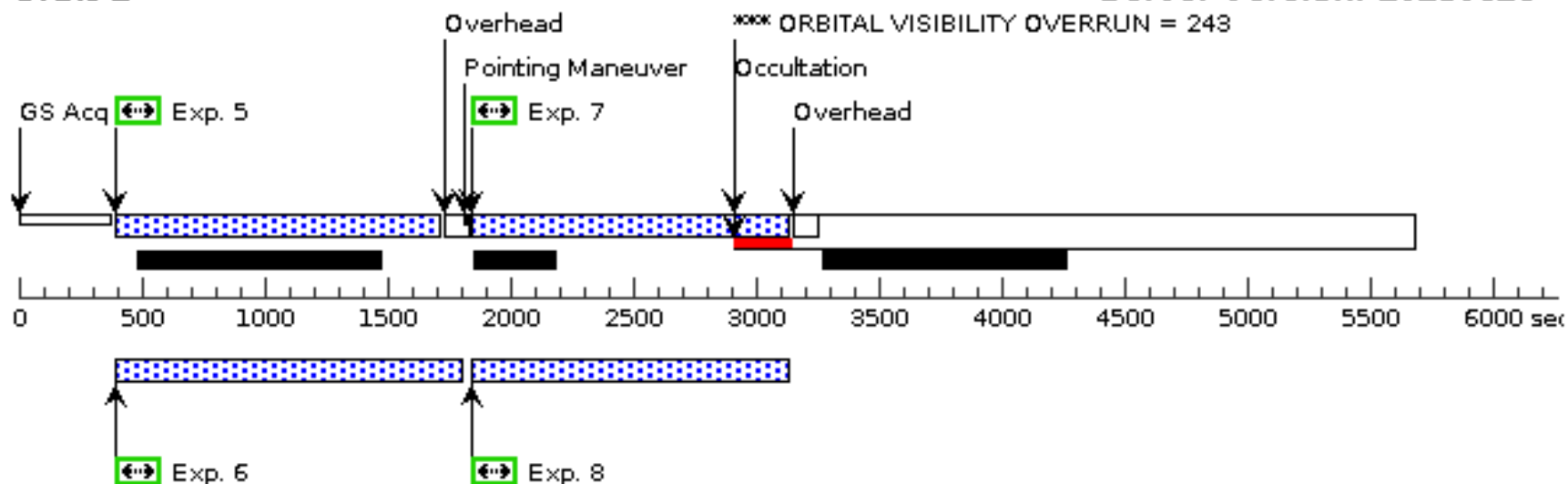
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (74) - Flashlights: Many Extremely Magnified Individual Stars as ...

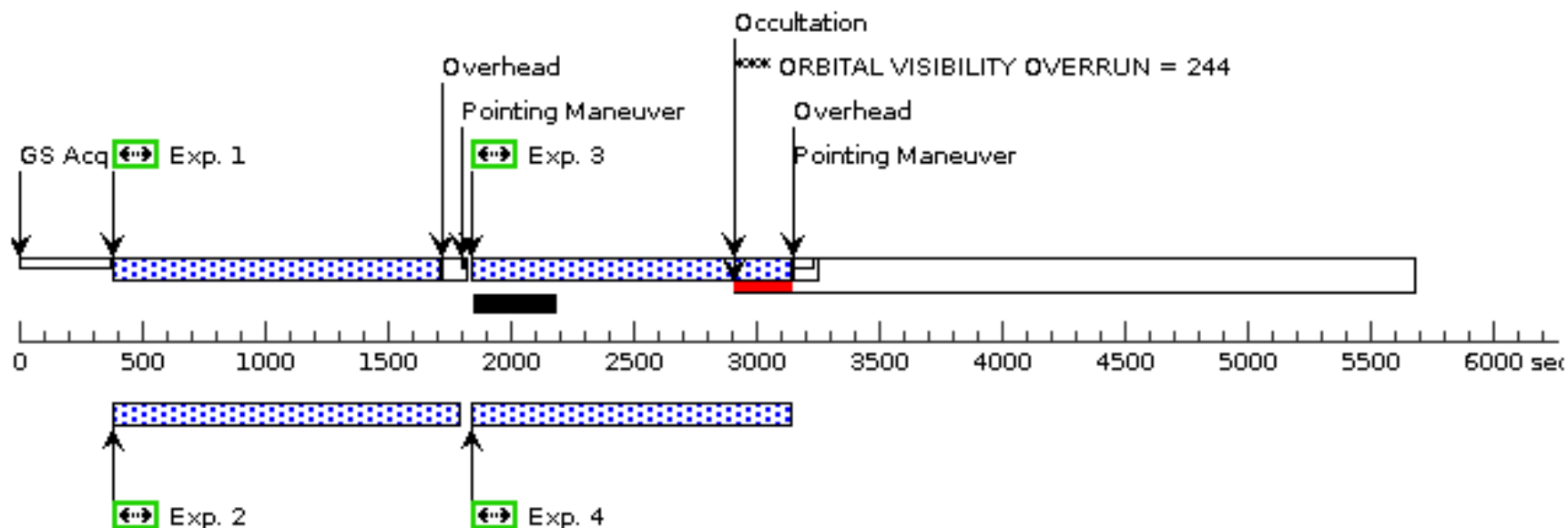
Visit	Proposal 16278, MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (74), completed Wed Jan 03 16:01:41 GMT 2024				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; SAME ORIENT AS 73				
Diagnostics	(MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (74)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (74)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(5)	MACSJ0416.1-2403	RA: 04 16 8.9000 (64.0370833d) Dec: -24 04 28.70 (-24.07464d) Equinox: J2000		V=27
Fixed Targets	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]				
	Miscellaneous Reference Frame: ICRS				

Proposal 16278 - MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (74) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1047 234375,1.293428125	Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (74)	1110 Secs (1300 Secs) [==>1300.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (74)	1109 Secs (1200 Secs) [==>1200.0 Secs]	[1]
	3		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.0504 28125000000004,1.2584015625	Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (74)	1210 Secs (1300 Secs) [==>1300.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (74)	1109 Secs (1175 Secs) [==>1175.0 Secs]	[1]
	5		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.01283 9062500000002,-3.380540625; NEW OBSET FULL ACQ	Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (74)	1185 Secs (1295 Secs) [==>1295.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (74)	1164 Secs (1200 Secs) [==>1200.0 Secs]	[2]
	7		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.28880 15625,-3.372834375	Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (74)	1259 Secs (1295 Secs) [==>1295.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (74)	1167 Secs (1170 Secs) [==>1170.0 Secs]	[2]

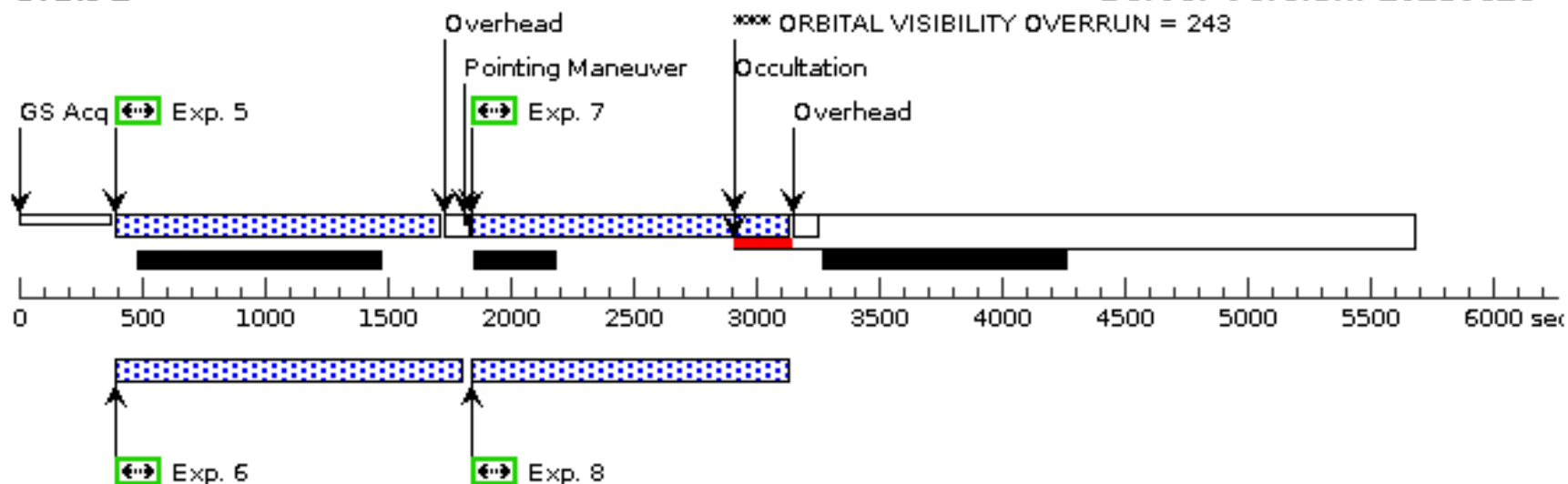
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (75) - Flashlights: Many Extremely Magnified Individual Stars as ...

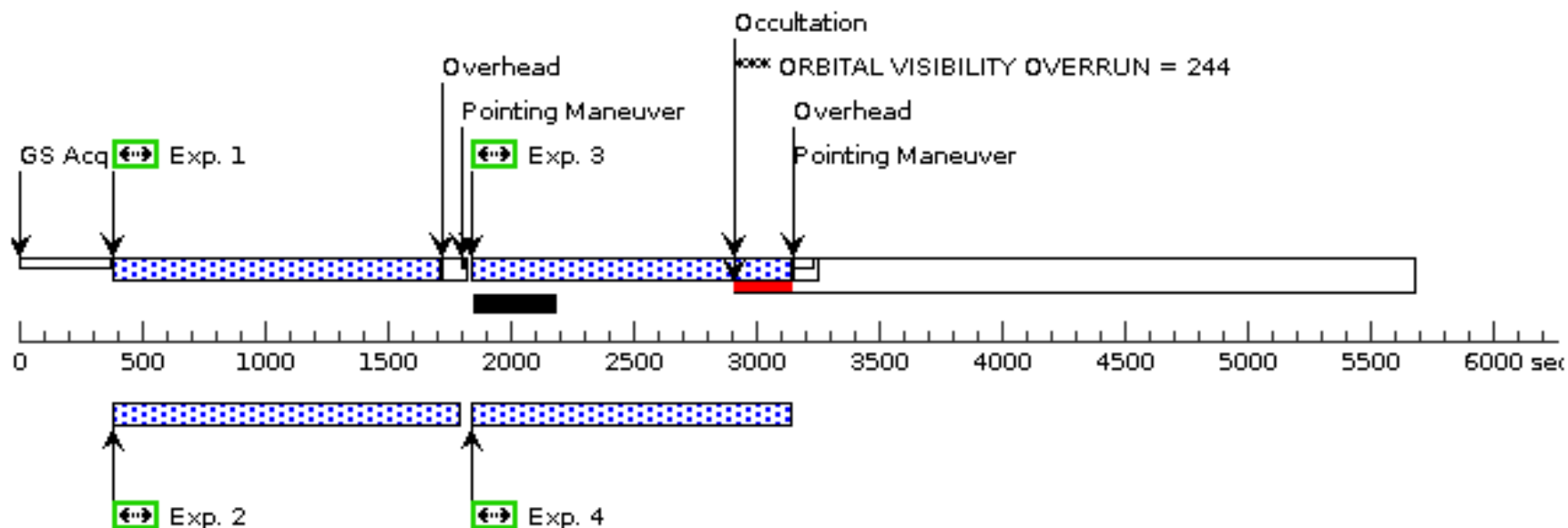
Visit	Proposal 16278, MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (75), completed Wed Jan 03 16:01:41 GMT 2024				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; SAME ORIENT AS 73				
Diagnostics	(MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (75)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (75)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(5)	MACSJ0416.1-2403	RA: 04 16 8.9000 (64.0370833d) Dec: -24 04 28.70 (-24.07464d) Equinox: J2000		V=27
Fixed Targets	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]				
	Miscellaneous Reference Frame: ICRS				

Proposal 16278 - MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (75) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2397 65625,1.2763515625	Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (75)	1110 Secs (1300 Secs) [==>1300.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (75)	1109 Secs (1200 Secs) [==>1200.0 Secs]	[1]
	3		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.03867 1875,1.5113515625	Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (75)	1210 Secs (1300 Secs) [==>1300.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (75)	1109 Secs (1175 Secs) [==>1175.0 Secs]	[1]
	5		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0298 54687, -3.310006250 0000003; NEW OBSET FULL ACQ	Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (75)	1185 Secs (1295 Secs) [==>1295.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (75)	1164 Secs (1200 Secs) [==>1200 Secs]	[2]
	7		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.02196 5625000000003,-3.3 390296874999996	Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (75)	1259 Secs (1295 Secs) [==>1295 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (75)	1167 Secs (1170 Secs) [==>1170 Secs]	[2]

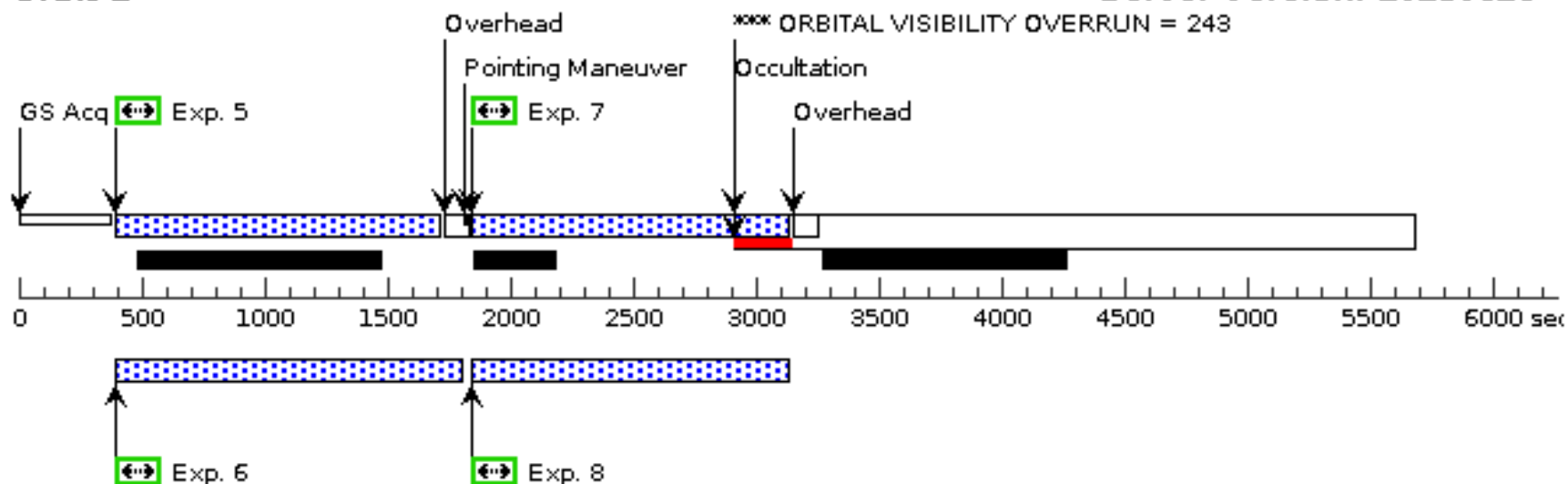
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (76) - Flashlights: Many Extremely Magnified Individual Stars as ...

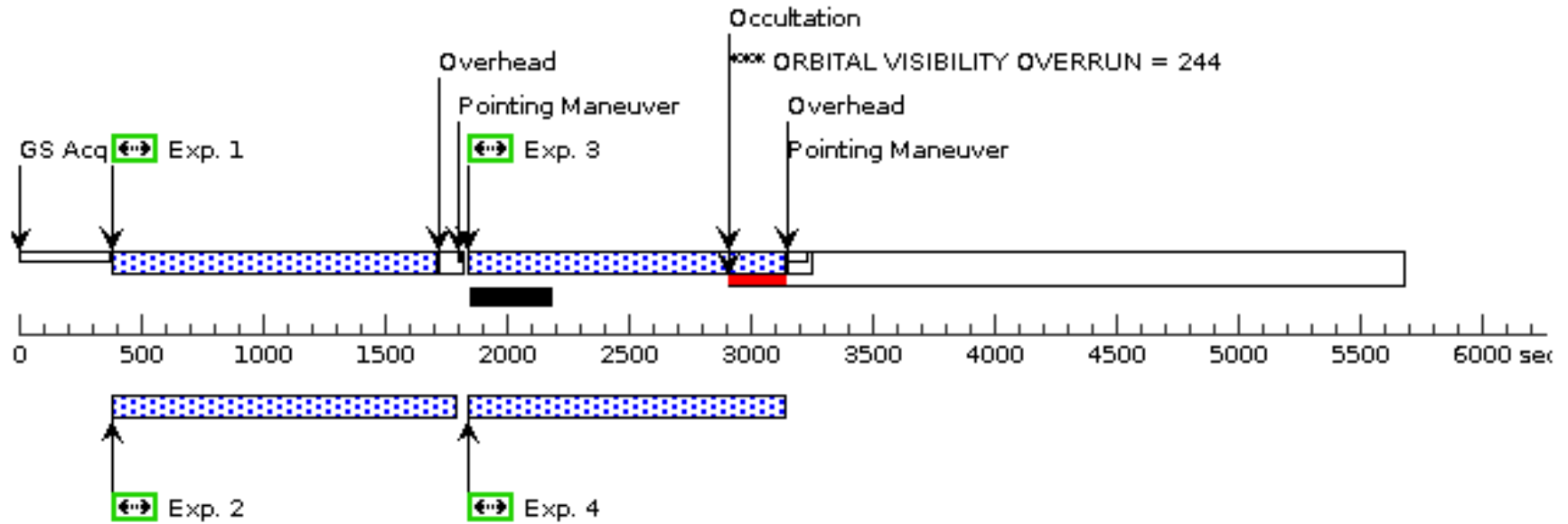
Visit	Proposal 16278, MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (76), completed Wed Jan 03 16:01:41 GMT 2024				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; SAME ORIENT AS 73				
Diagnostics	(MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (76)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (76)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(5)	MACSJ0416.1-2403	RA: 04 16 8.9000 (64.0370833d) Dec: -24 04 28.70 (-24.07464d) Equinox: J2000		V=27
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]				

Proposal 16278 - MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (76) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1519 0312,1.3132015625	Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (76)	1110 Secs (1300 Secs) [==>1300 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (76)	1109 Secs (1200 Secs) [==>1200 Secs]	[1]
	3		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.17062 0312,1.30788124999 99999	Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (76)	1210 Secs (1300 Secs) [==>1300 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (76)	1109 Secs (1175 Secs) [==>1175 Secs]	[1]
	5		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.01268 4375000000001,-3.5 698734375; NEW OBSET FULL ACQ	Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (76)	1185 Secs (1295 Secs) [==>1295 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (76)	1164 Secs (1200 Secs) [==>1200 Secs]	[2]
	7		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.15375 9375,-3.3750984375	Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (76)	1259 Secs (1295 Secs) [==>1295 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (76)	1167 Secs (1170 Secs) [==>1170 Secs]	[2]

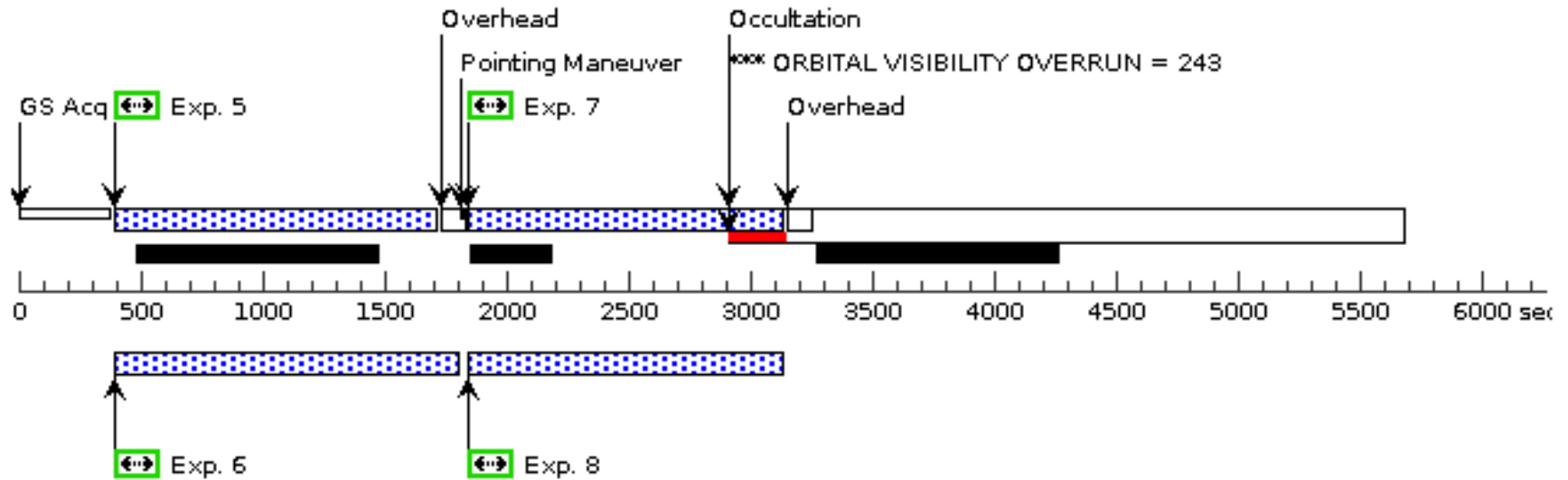
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (77) - Flashlights: Many Extremely Magnified Individual Stars as ...

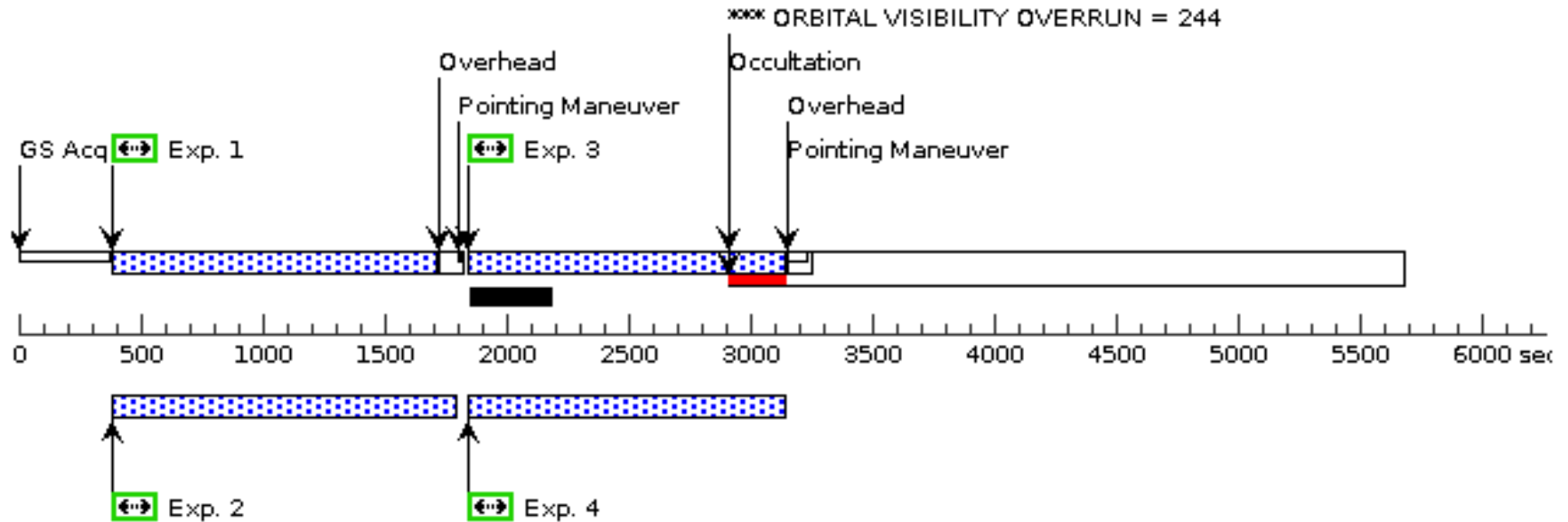
Visit	Proposal 16278, MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (77), completed Wed Jan 03 16:01:41 GMT 2024				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; SAME ORIENT AS 73				
Diagnostics	(MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (77)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (77)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(5)	MACSJ0416.1-2403	RA: 04 16 8.9000 (64.0370833d) Dec: -24 04 28.70 (-24.07464d) Equinox: J2000		V=27
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]				

Proposal 16278 - MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (77) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1048 78125,1.4966265625	Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (77)	1110 Secs (1300 Secs) [==>1300 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (77)	1109 Secs (1200 Secs) [==>1200 Secs]	[1]
	3		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0966 7968750000001,1.20 078125	Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (77)	1210 Secs (1300 Secs) [==>1300 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (77)	1109 Secs (1175 Secs) [==>1175 Secs]	[1]
	5		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0323 296875,-3.52989375; NEW OBSET FULL ACQ	Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (77)	1185 Secs (1295 Secs) [==>1295 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (77)	1164 Secs (1200 Secs) [==>1200 Secs]	[2]
	7		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.06713 43750000000,-3.334 0984375000002	Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (77)	1259 Secs (1295 Secs) [==>1295 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (77)	1167 Secs (1170 Secs) [==>1170 Secs]	[2]

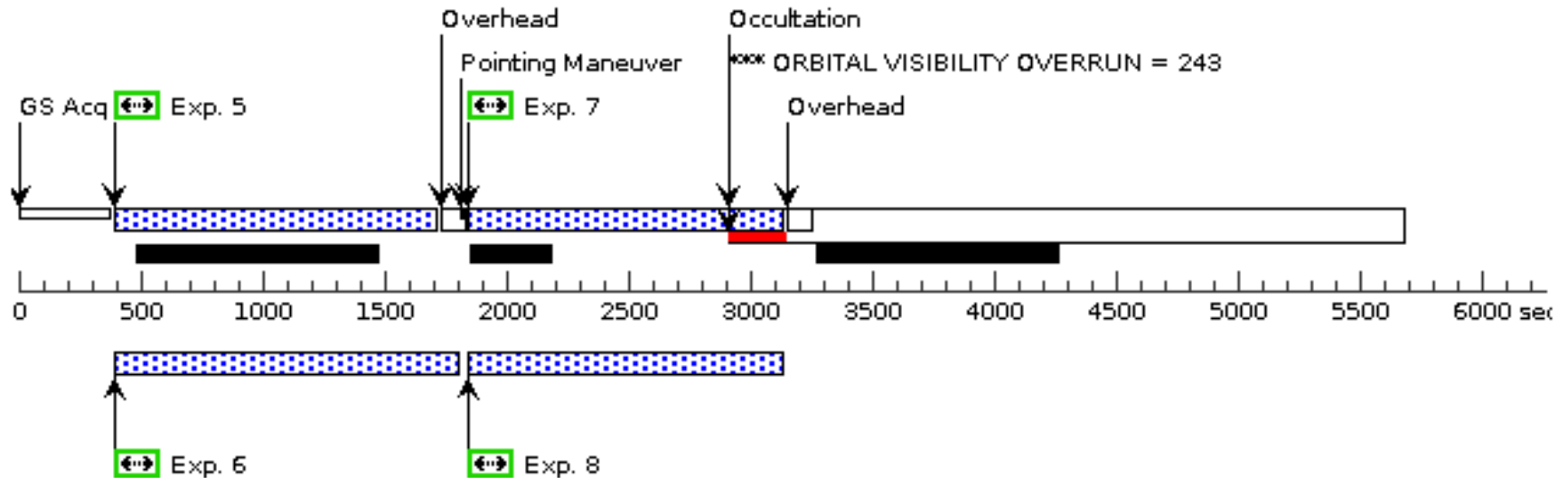
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626

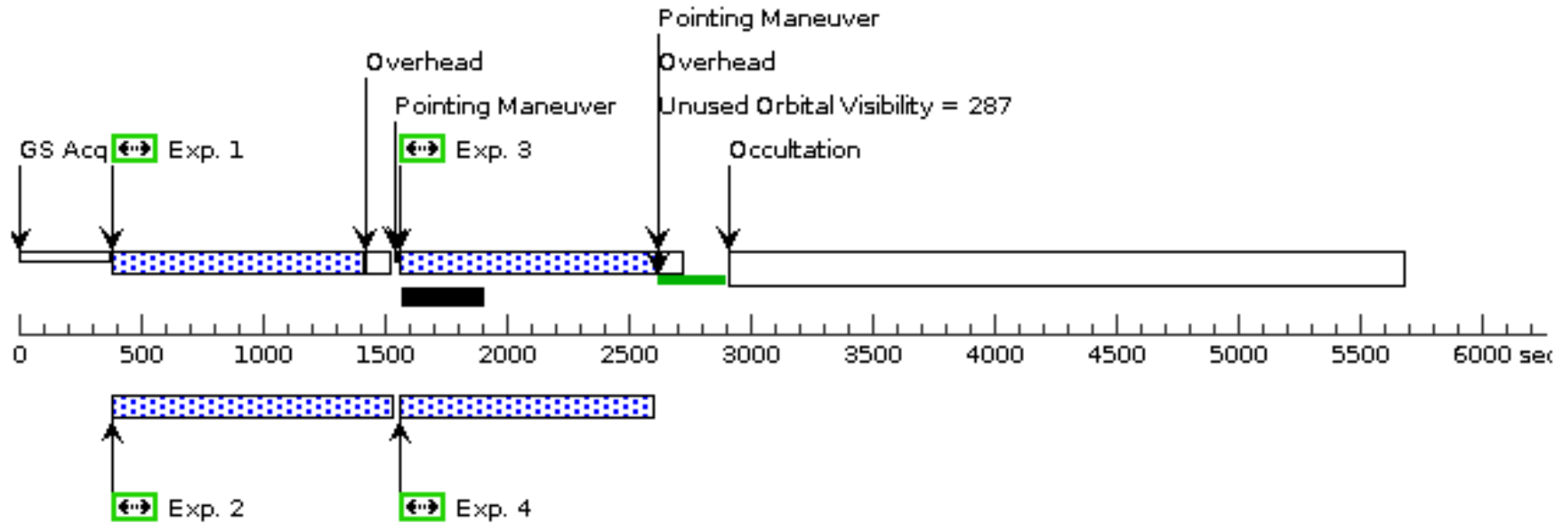


Proposal 16278 - MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (78) - Flashlights: Many Extremely Magnified Individual Stars as ...

Visit	Proposal 16278, MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (78), completed								Wed Jan 03 16:01:41 GMT 2024	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 73									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	MACSJ0416.1-2403	RA: 04 16 8.9000 (64.0370833d) Dec: -24 04 28.70 (-24.07464d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.2867 90625,1.3595515624 999999	Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (78)	1110 Secs (1000 Secs) [>=>1000 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (78)	1109 Secs (940 Secs) [>=>940 Secs]	[1]
	3		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.12668 90625,1.510409375	Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (78)	1210 Secs (1050 Secs) [>=>1050 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (78)	1109 Secs (920 Secs) [>=>920 Secs]	[1]
	5		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1678 359375,-3.286703125	Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (78)	1185 Secs (1020 Secs) [>=>1020 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (78)	1164 Secs (1010 Secs) [>=>1010 Secs]	[2]
	7		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.02134 6875,-3.5285484375	Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (78)	1259 Secs (1050 Secs) [>=>1050 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (78)	1167 Secs (930 Secs) [>=>930 Secs]	[2]

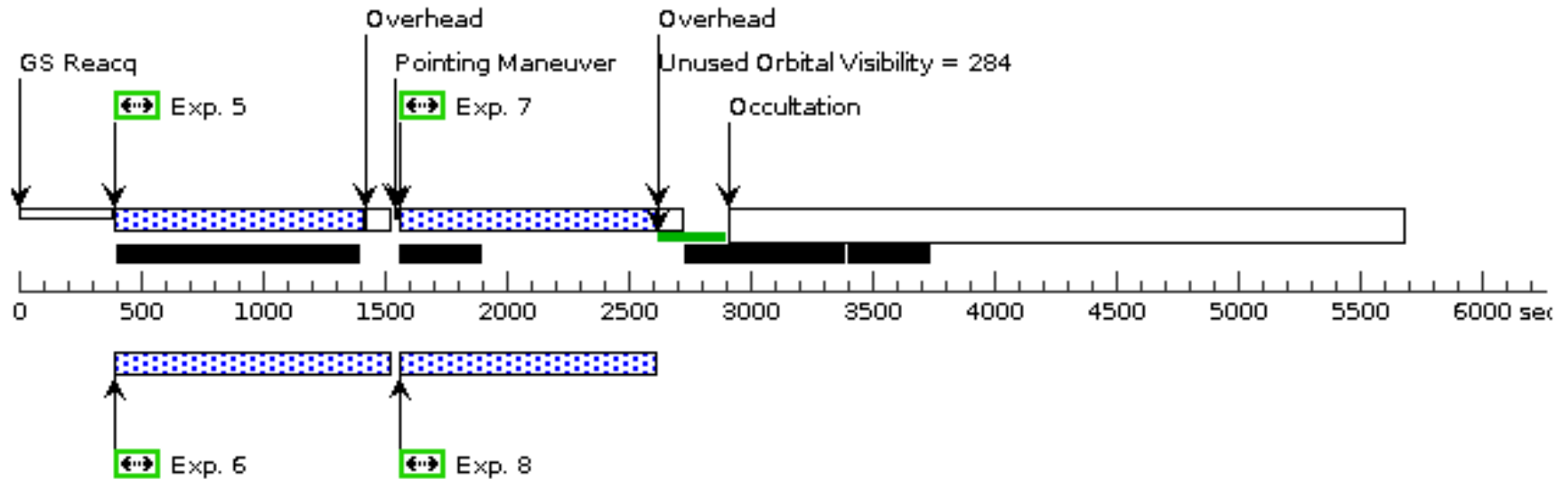
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626

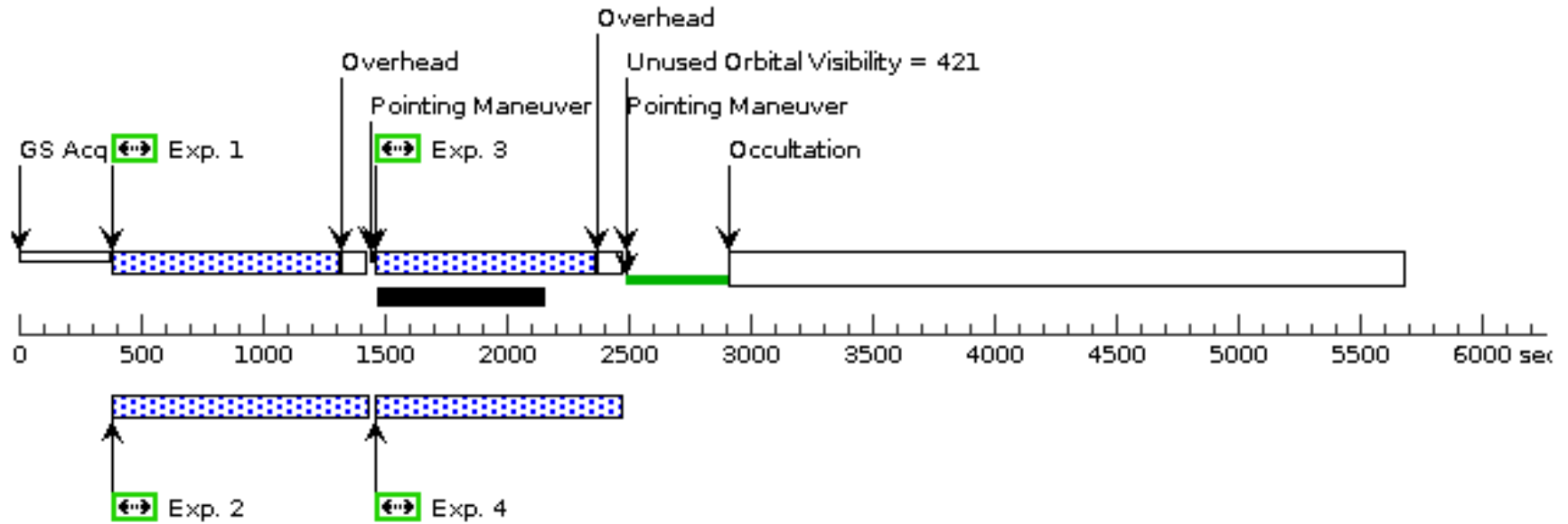


Proposal 16278 - MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (79) - Flashlights: Many Extremely Magnified Individual Stars as ...

Visit	Proposal 16278, MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (79), completed								Wed Jan 03 16:01:41 GMT 2024	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS, ACS/WFC									
	Special Requirements: SCHED 100%; SAME ORIENT AS 73									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	MACSJ0416.1-2403	RA: 04 16 8.9000 (64.0370833d) Dec: -24 04 28.70 (-24.07464d) Equinox: J2000			V=27		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1517 484375,1.470440625	Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (79)	1110 Secs (900 Secs) [>=>900 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (79)	1109 Secs (840 Secs) [>=>840.0 Secs]	[1]
	3		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.08213 906250000001,1.295 059375	Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (79)	1210 Secs (900 Secs) [>=>900 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (79)	1109 Secs (890 Secs) [>=>890.0 Secs]	[1]
	5		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1661 34375,-3.539479687 5	Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (79)	1185 Secs (800 Secs) [>=>800 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (79)	1164 Secs (790 Secs) [>=>790.0 Secs]	[2]
	7		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.06852 65625,-3.390321875	Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (79)	1259 Secs (850 Secs) [>=>850 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F350LP Primary (79)	1167 Secs (840 Secs) [>=>840.0 Secs]	[2]

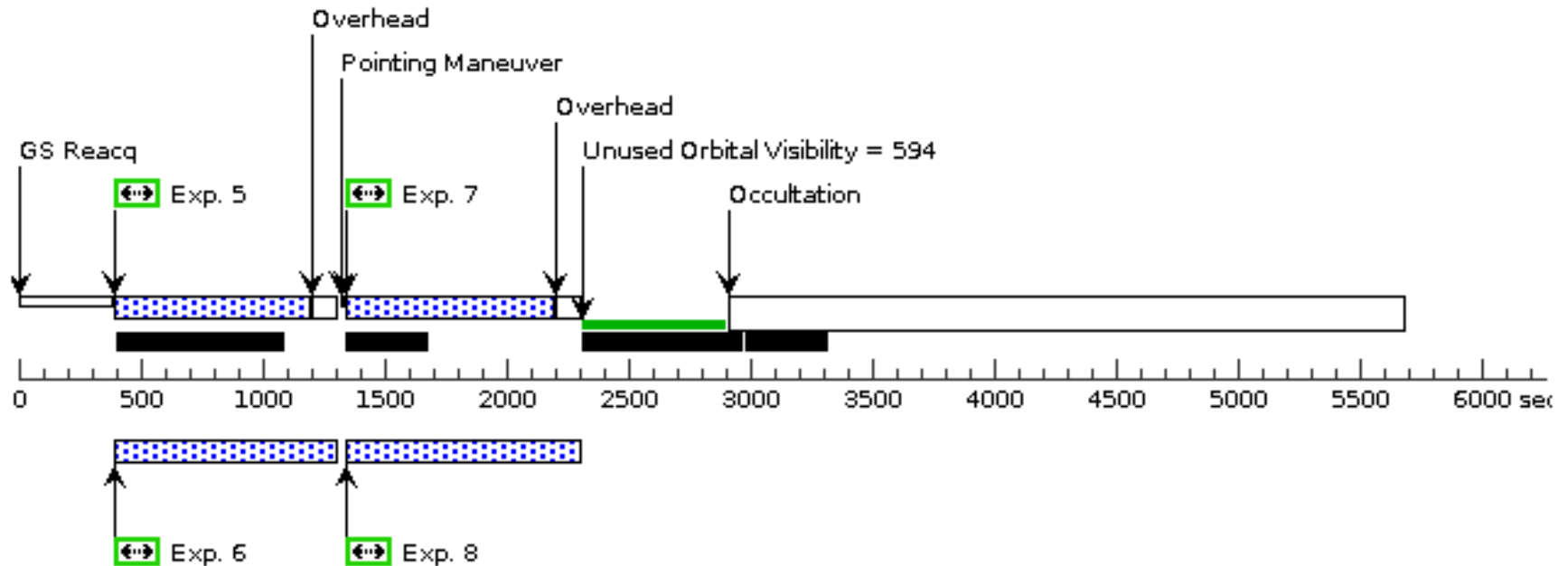
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



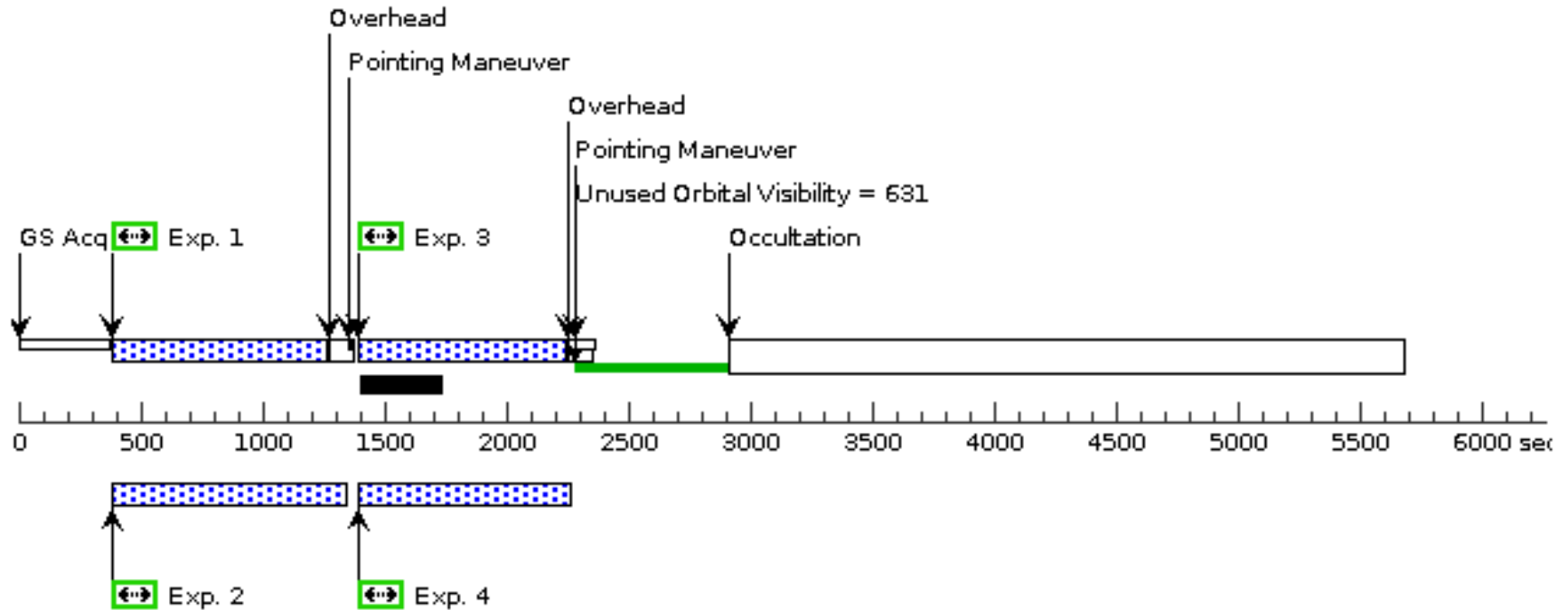
Visit	Proposal 16278, MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (80), completed					Wed Jan 03 16:01:41 GMT 2024
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; SAME ORIENT AS 73					
Diagnos	(MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (80)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	MACSJ0416.1-2403	RA: 04 16 8.9000 (64.0370833d) Dec: -24 04 28.70 (-24.07464d) Equinox: J2000		V=27	Reference Frame: ICRS
Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]						

Proposal 16278 - MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (80) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1067 34375,1.4613203125	Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (80)	1110 Secs (850 Secs) [==>850.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (80)	1109 Secs (750 Secs) [==>750.0 Secs]	[1]
	3		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.08198 437500000001,1.480 9765625	Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (80)	1210 Secs (850 Secs) [==>850.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (80)	1109 Secs (750 Secs) [==>750.0 Secs]	[1]
	5		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1220 4843750000001,-3.2 77409375; NEW OBSET FULL ACQ	Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (80)	1185 Secs (1295 Secs) [==>1295 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (80)	1164 Secs (1200 Secs) [==>1200 Secs]	[2]
	7		(5) MACSJ0416.1-2403	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.11292 1875,-3.5642734375	Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (80)	1259 Secs (1295 Secs) [==>1295 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in MACSJ0416.1-2403 WFC3/UVIS F200LP Primary (80)	1167 Secs (1170 Secs) [==>1170 Secs]	[2]

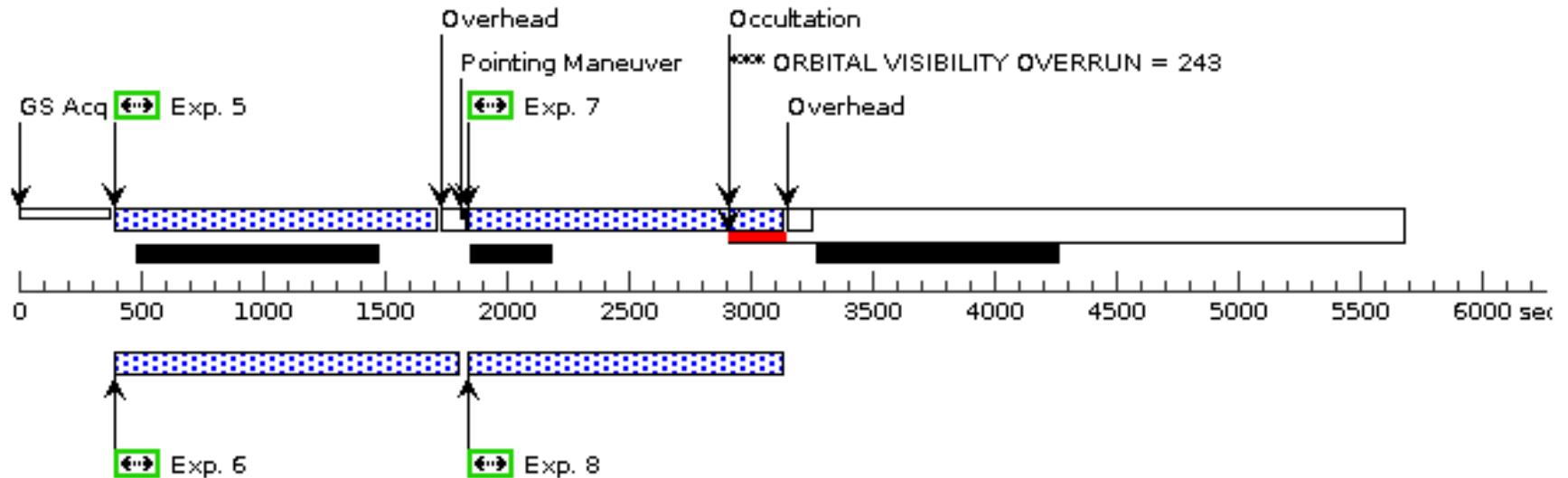
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (81) - Flashlights: Many Extremely Magnified Individual Stars as ...

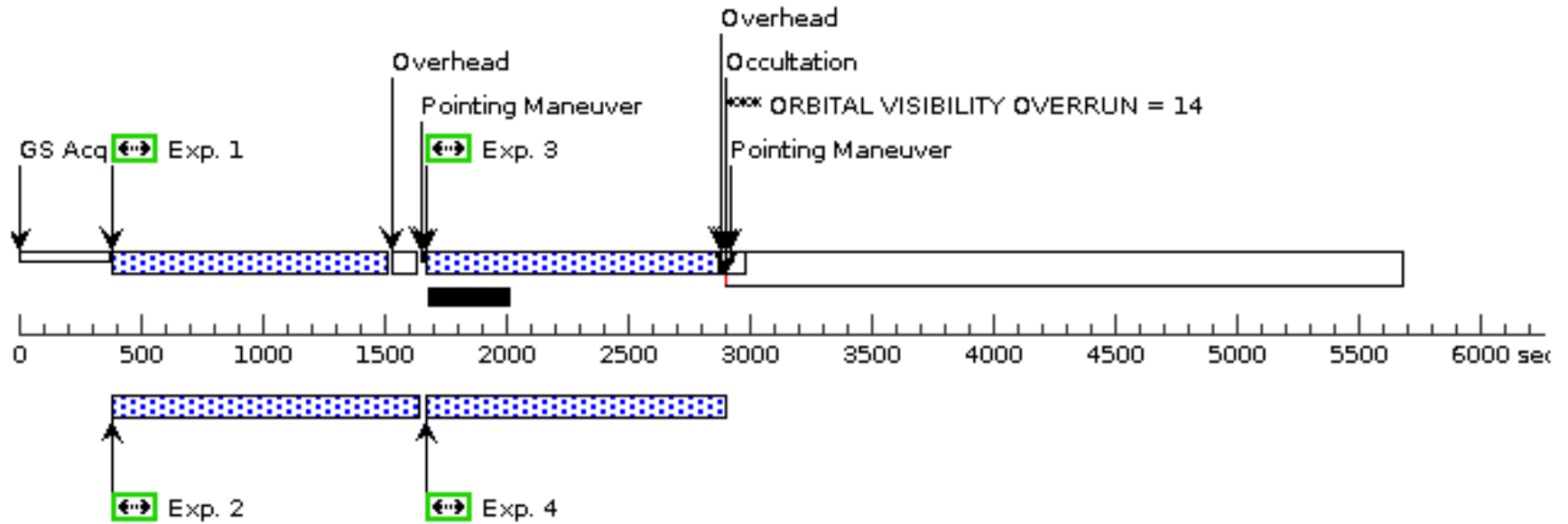
Visit	Proposal 16278, MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (81), completed					Wed Jan 03 16:01:41 GMT 2024
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/UVIS, ACS/WFC					
	Special Requirements: SCHED 100%; ORIENT 281.5D TO 282.5 D; SEQ 81,82,83,84,85,86,87,88 WITHIN 40 H					
Comments: Orient needs to match that of Cycle 27 (GO-15936) visit to field on schedule for Fall 2020						
Diagnostics	(MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (81)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (81)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	MACSJ0717.5+3745	RA: 07 17 34.0000 (109.3916667d)		V=27	Reference Frame: ICRS
			Dec: +37 44 49.00 (37.74694d)			
			Equinox: J2000			
Comments:						
Category=CLUSTER OF GALAXIES						
Description=[GRAVITATIONAL LENS]						

Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (81) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2410 03125,1.2380015625	Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (81)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (81)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.12792 6562,1.29447812	Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (81)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (81)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2113 03125,-3.332098	Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (81)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (81)	1164 Secs (1164 Secs) [==>]	[2]
	7		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.24533 437500000002,-3.49 96984375	Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (81)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (81)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

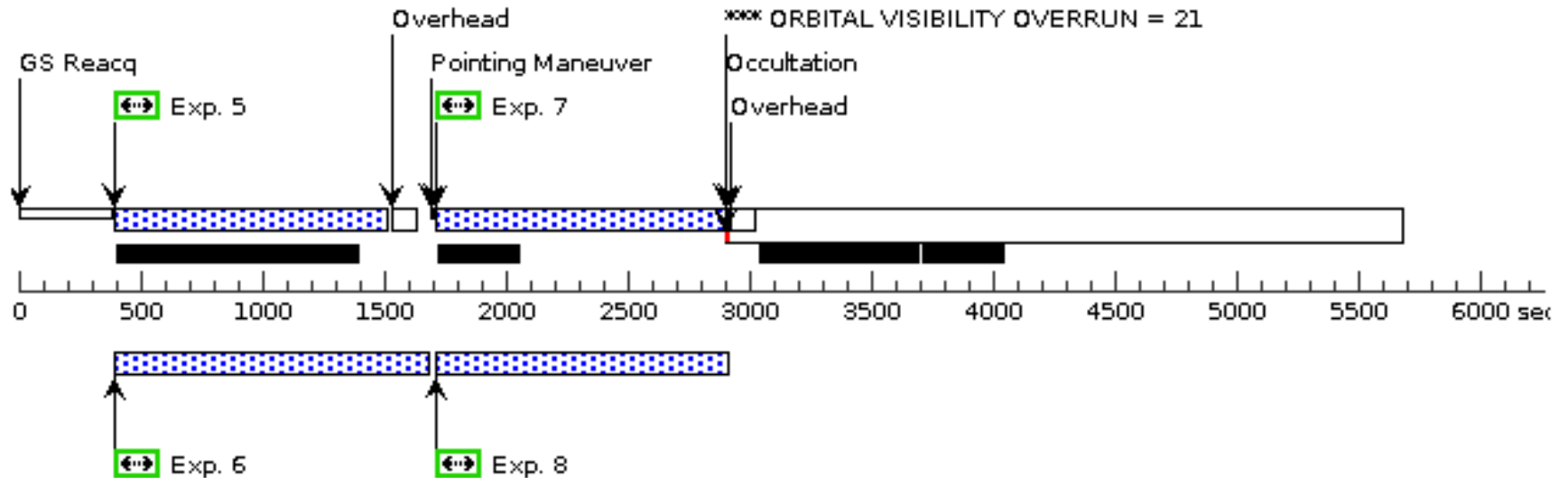
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (82) - Flashlights: Many Extremely Magnified Individual Stars as...

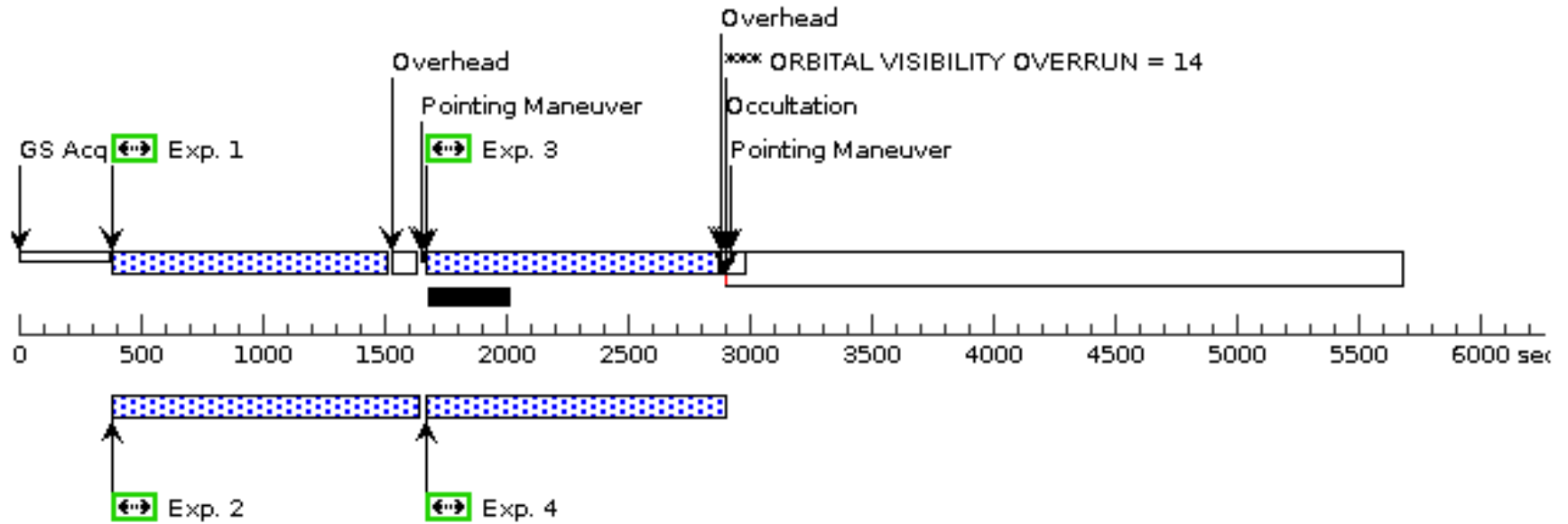
Visit	Proposal 16278, MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (82), completed					Wed Jan 03 16:01:41 GMT 2024
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/UVIS, ACS/WFC					
	Special Requirements: SCHED 100%; SAME ORIENT AS 81					
Diagnostics	(MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (82)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (82)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	MACSJ0717.5+3745	RA: 07 17 34.0000 (109.3916667d)		V=27	Reference Frame: ICRS
			Dec: +37 44 49.00 (37.74694d)			
			Equinox: J2000			
	Comments:					
	Category=CLUSTER OF GALAXIES					
	Description=[GRAVITATIONAL LENS]					

Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (82) - Flashlights: Many Extremely Magnified Individual Stars as...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1047 234375,1.293428125	Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (82)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (82)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.0504 28125000000004,1.2584015625	Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (82)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (82)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.01283 9062500000002,-3.380540625	Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (82)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (82)	1164 Secs (1164 Secs) [==>]	[2]
	7		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.28880 15625,-3.372834375	Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (82)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (82)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

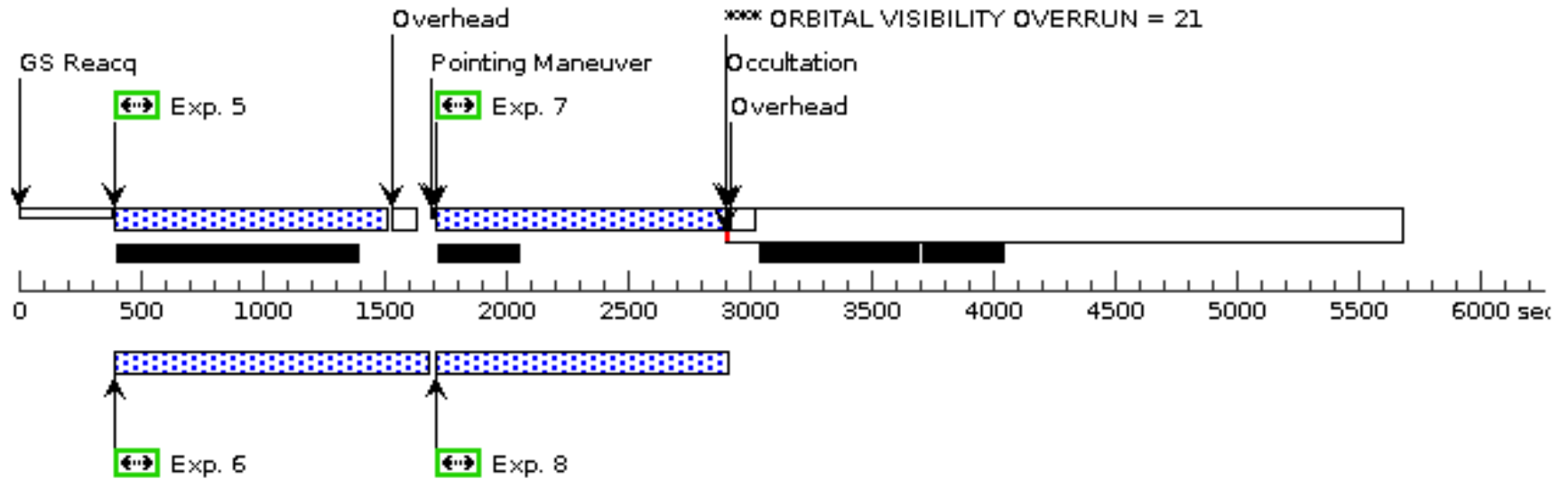
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (83) - Flashlights: Many Extremely Magnified Individual Stars as ...

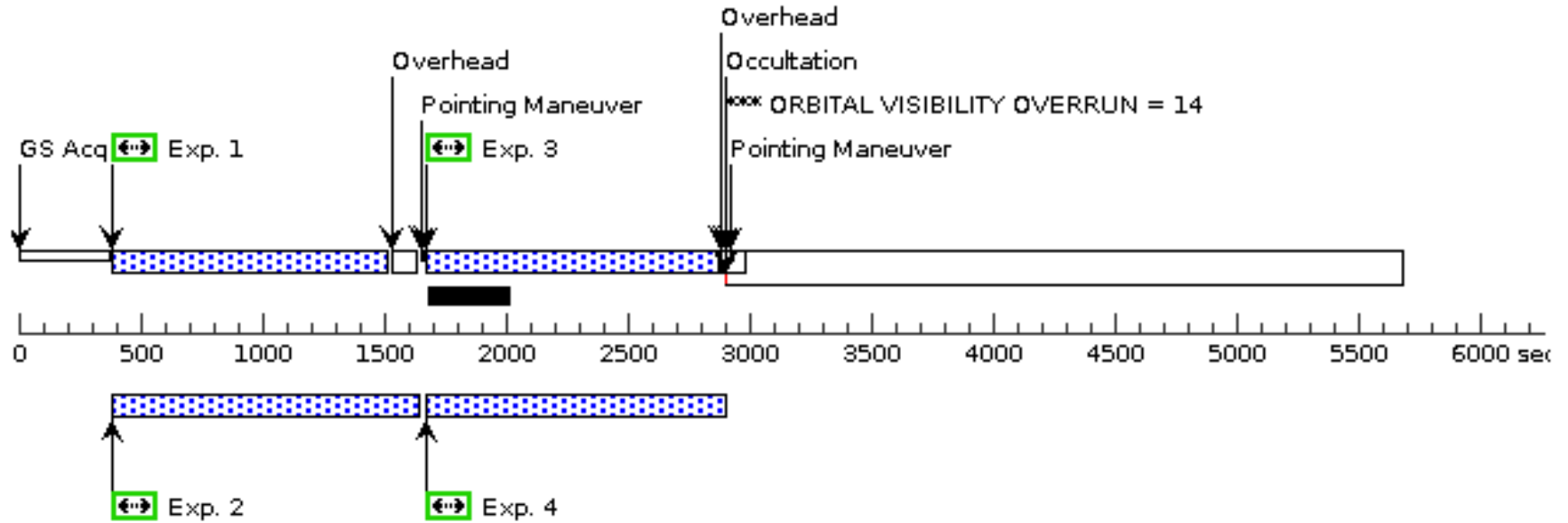
Visit	Proposal 16278, MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (83), completed					Wed Jan 03 16:01:41 GMT 2024
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/UVIS, ACS/WFC					
	Special Requirements: SCHED 100%; SAME ORIENT AS 81					
Diagnostics	(MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (83)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (83)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	MACSJ0717.5+3745	RA: 07 17 34.0000 (109.3916667d)		V=27	Reference Frame: ICRS
			Dec: +37 44 49.00 (37.74694d)			
			Equinox: J2000			
		Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]				

Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (83) - Flashlights: Many Extremely Magnified Individual Stars as ...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.2397 65625,1.2763515625	Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (83)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (83)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.03867 1875,1.5113515625	Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (83)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (83)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0298 54687, -3.310006250 0000003	Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (83)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (83)	1164 Secs (1164 Secs) [==>]	[2]
	7		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.02196 5625000000003,-3.3 390296874999996	Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (83)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (83)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

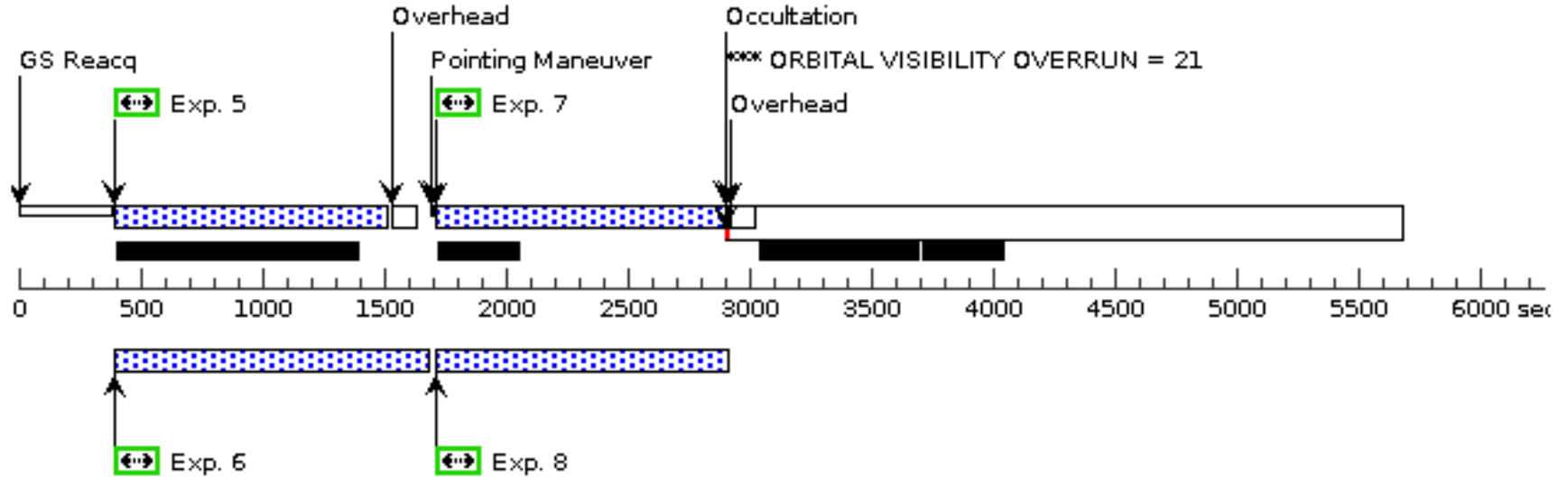
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (84) - Flashlights: Many Extremely Magnified Individual Stars as...

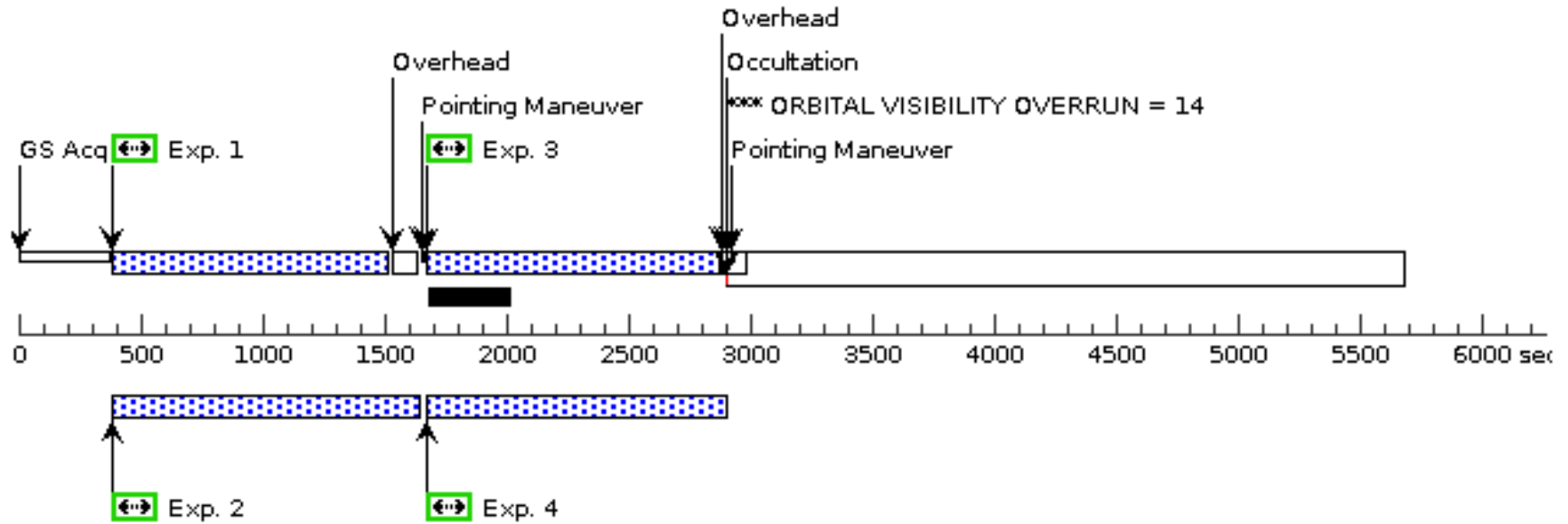
Visit	Proposal 16278, MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (84), completed Wed Jan 03 16:01:41 GMT 2024				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; SAME ORIENT AS 81				
Diagnostics	(MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (84)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (84)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(11)	MACSJ0717.5+3745	RA: 07 17 34.0000 (109.3916667d) Dec: +37 44 49.00 (37.74694d) Equinox: J2000		V=27
Fixed Targets	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]				
	Reference Frame: ICRS				

Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (84) - Flashlights: Many Extremely Magnified Individual Stars as...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1519 0312,1.3132015625	Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (84)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (84)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.17062 0312,1.30788124999 99999	Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (84)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (84)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.01268 4375000000001,-3.5 698734375	Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (84)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (84)	1164 Secs (1164 Secs) [==>]	[2]
	7		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.15375 9375,-3.3750984375	Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (84)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (84)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

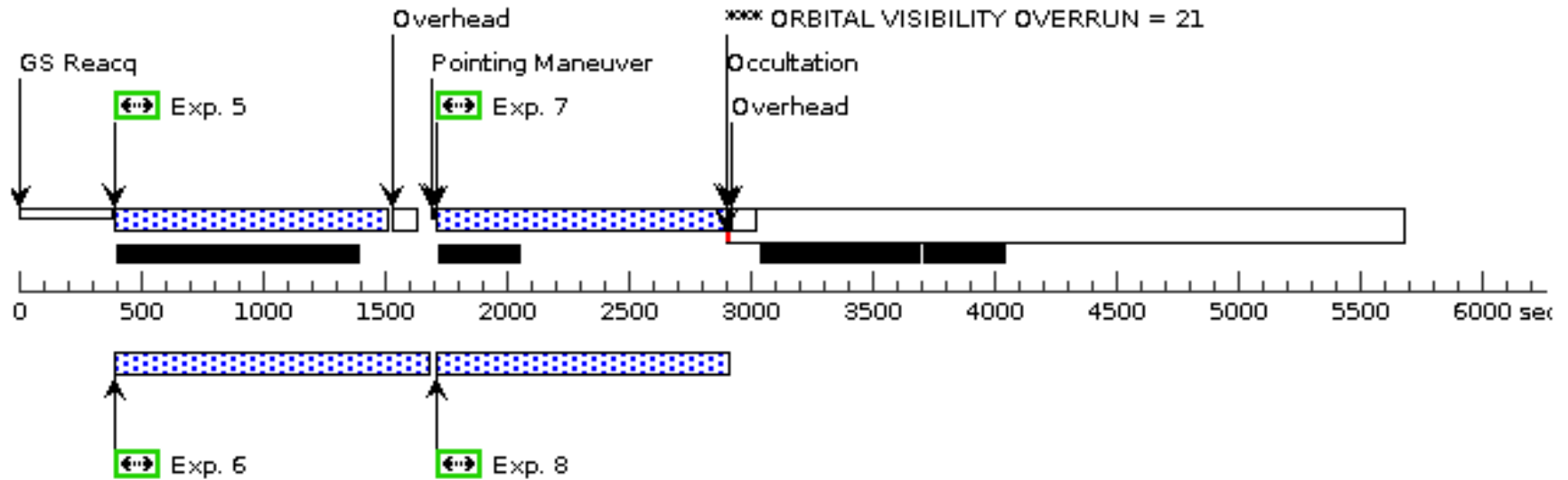
Orbit 1

Server Version: 20230626



Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (85) - Flashlights: Many Extremely Magnified Individual Stars as...

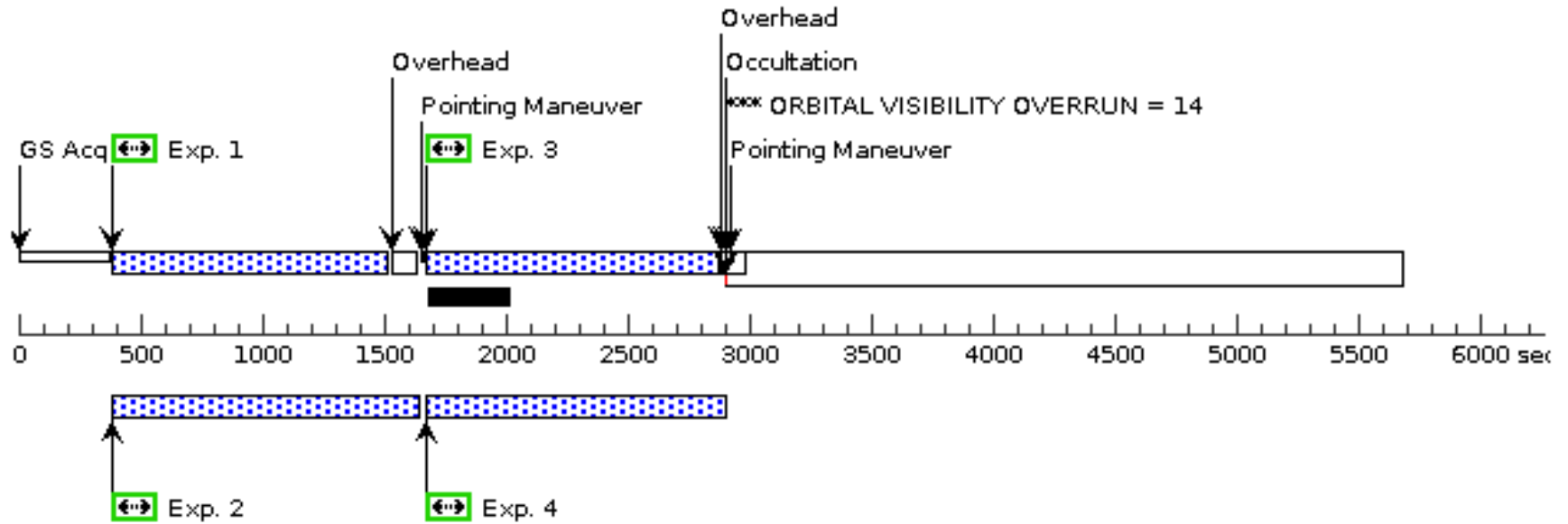
Visit	Proposal 16278, MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (85), completed					Wed Jan 03 16:01:41 GMT 2024
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/UVIS, ACS/WFC					
	Special Requirements: SCHED 100%; SAME ORIENT AS 81					
Diagnostics	(MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (85)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (85)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	MACSJ0717.5+3745	RA: 07 17 34.0000 (109.3916667d)		V=27	Reference Frame: ICRS
			Dec: +37 44 49.00 (37.74694d)			
			Equinox: J2000			
	Comments:					
	Category=CLUSTER OF GALAXIES					
	Description=[GRAVITATIONAL LENS]					

Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (85) - Flashlights: Many Extremely Magnified Individual Stars as...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1048 78125,1.4966265625	Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (85)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (85)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0966 7968750000001,1.20 078125	Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (85)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (85)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.0323 296875,-3.52989375	Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (85)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (85)	1164 Secs (1164 Secs) [==>]	[2]
	7		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.06713 43750000000,-3.334 0984375000002	Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (85)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (85)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

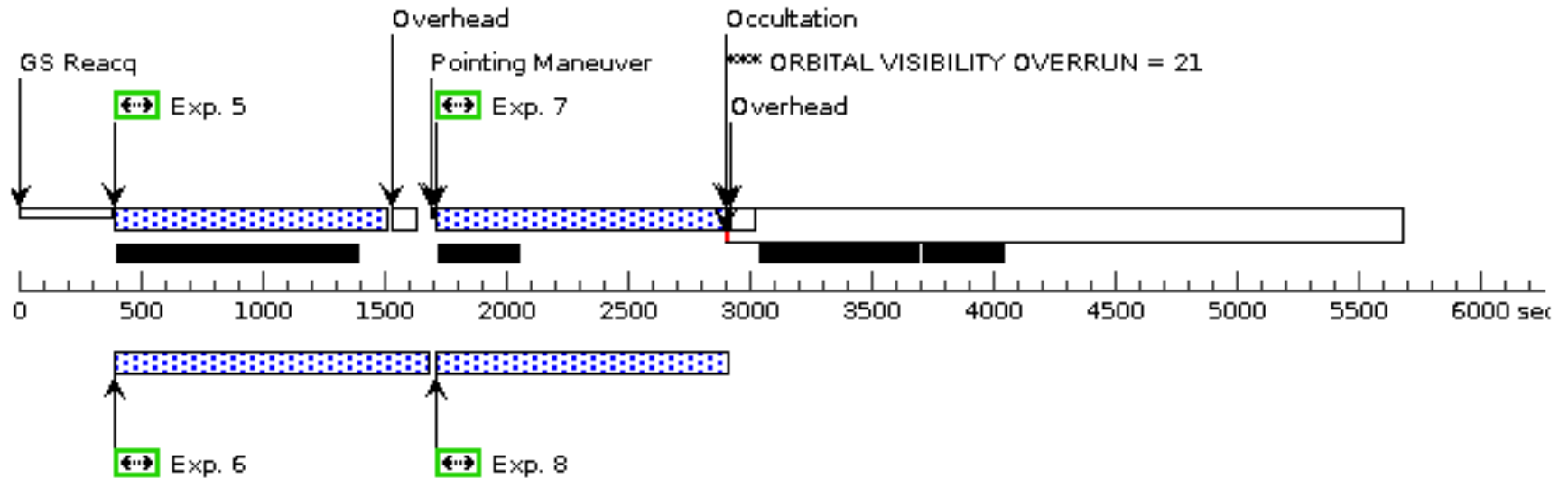
Orbit 1

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Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (86) - Flashlights: Many Extremely Magnified Individual Stars as...

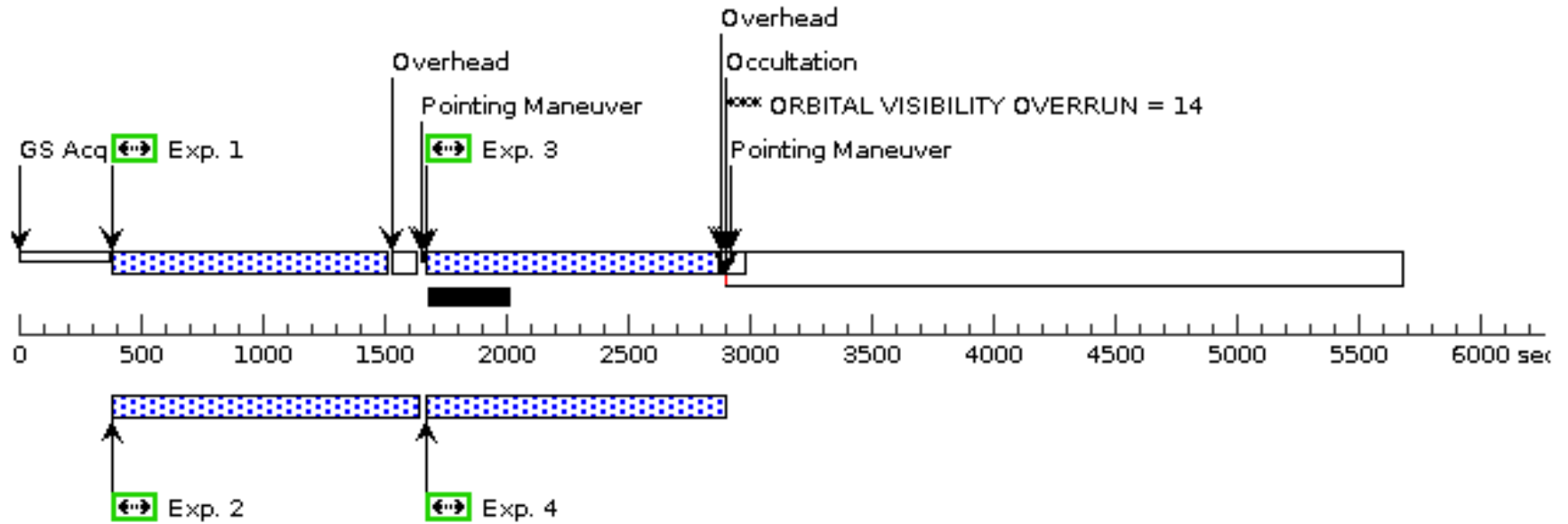
Visit	Proposal 16278, MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (86), completed Wed Jan 03 16:01:41 GMT 2024				
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; SAME ORIENT AS 81				
Diagnostics	(MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (86)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (86)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(11)	MACSJ0717.5+3745	RA: 07 17 34.0000 (109.3916667d) Dec: +37 44 49.00 (37.74694d) Equinox: J2000		V=27
Fixed Targets	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]				
	Reference Frame: ICRS				

Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (86) - Flashlights: Many Extremely Magnified Individual Stars as...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.2867 90625,1.3595515624 999999	Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (86)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (86)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.12668 90625,1.510409375	Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (86)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (86)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1678 359375,-3.286703125	Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (86)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (86)	1164 Secs (1164 Secs) [==>]	[2]
	7		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.02134 6875,-3.5285484375	Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (86)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (86)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

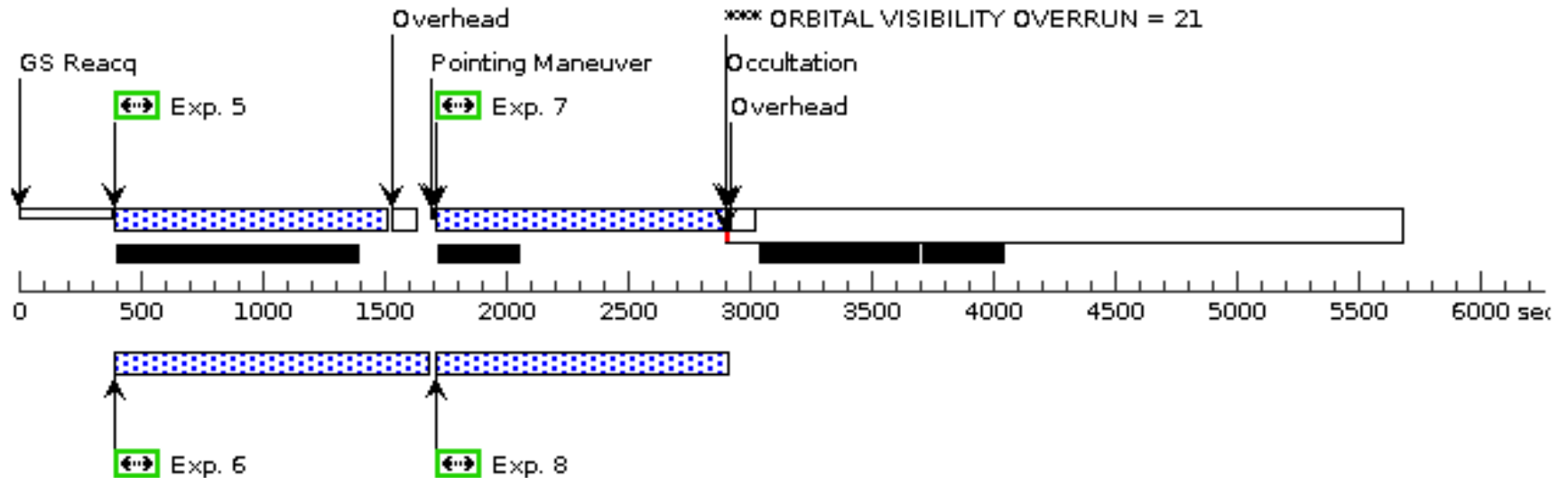
Orbit 1

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Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (87) - Flashlights: Many Extremely Magnified Individual Stars as...

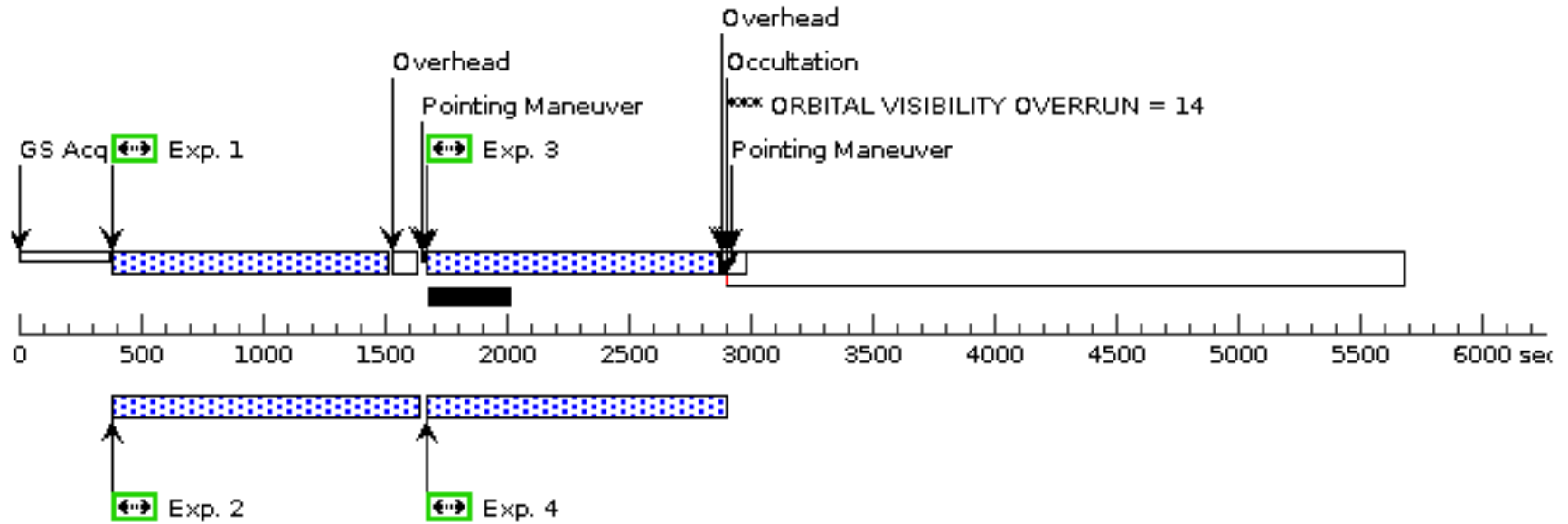
Visit	Proposal 16278, MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (87), completed					Wed Jan 03 16:01:41 GMT 2024
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/UVIS, ACS/WFC					
	Special Requirements: SCHED 100%; SAME ORIENT AS 81					
Diagnostics	(MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (87)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (87)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	MACSJ0717.5+3745	RA: 07 17 34.0000 (109.3916667d)		V=27	Reference Frame: ICRS
			Dec: +37 44 49.00 (37.74694d)			
			Equinox: J2000			
	Comments:					
	Category=CLUSTER OF GALAXIES					
	Description=[GRAVITATIONAL LENS]					

Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (87) - Flashlights: Many Extremely Magnified Individual Stars as...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1517 484375,1.470440625	Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (87)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (87)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.08213 906250000001,1.295 059375	Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (87)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (87)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG -0.1661 34375,-3.539479687 5	Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (87)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (87)	1164 Secs (1164 Secs) [==>]	[2]
	7		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		POS TARG 0.06852 65625 ,-3.390321875	Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (87)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F350LP Primary (87)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

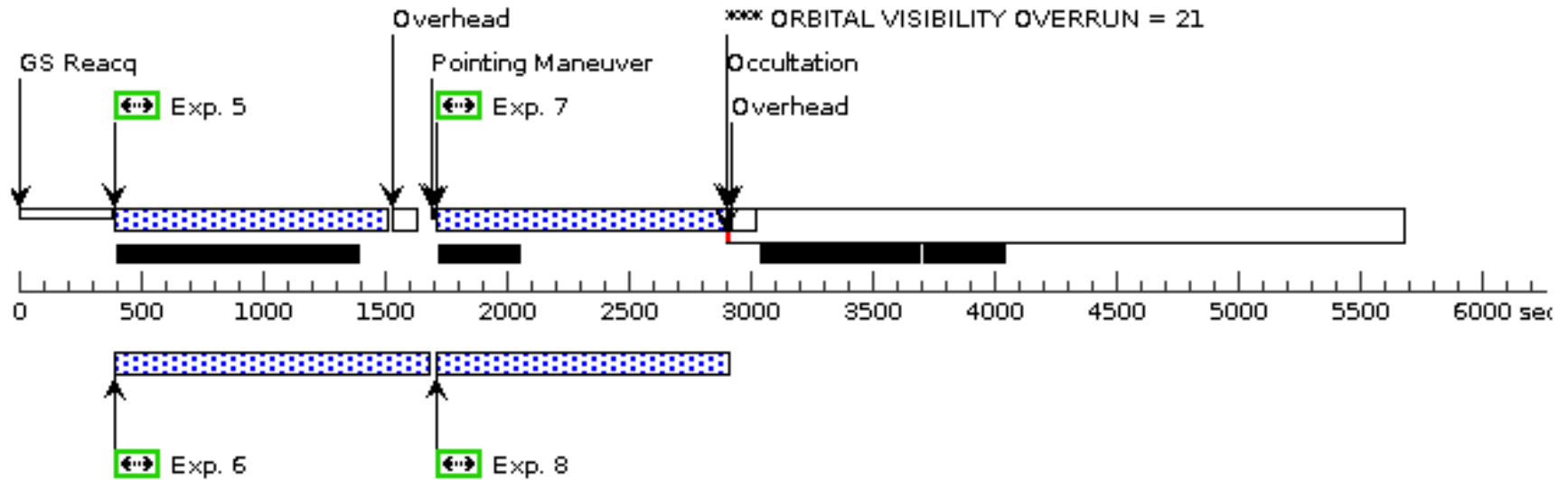
Orbit 1

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Orbit 2

Server Version: 20230626



Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (88) - Flashlights: Many Extremely Magnified Individual Stars as...

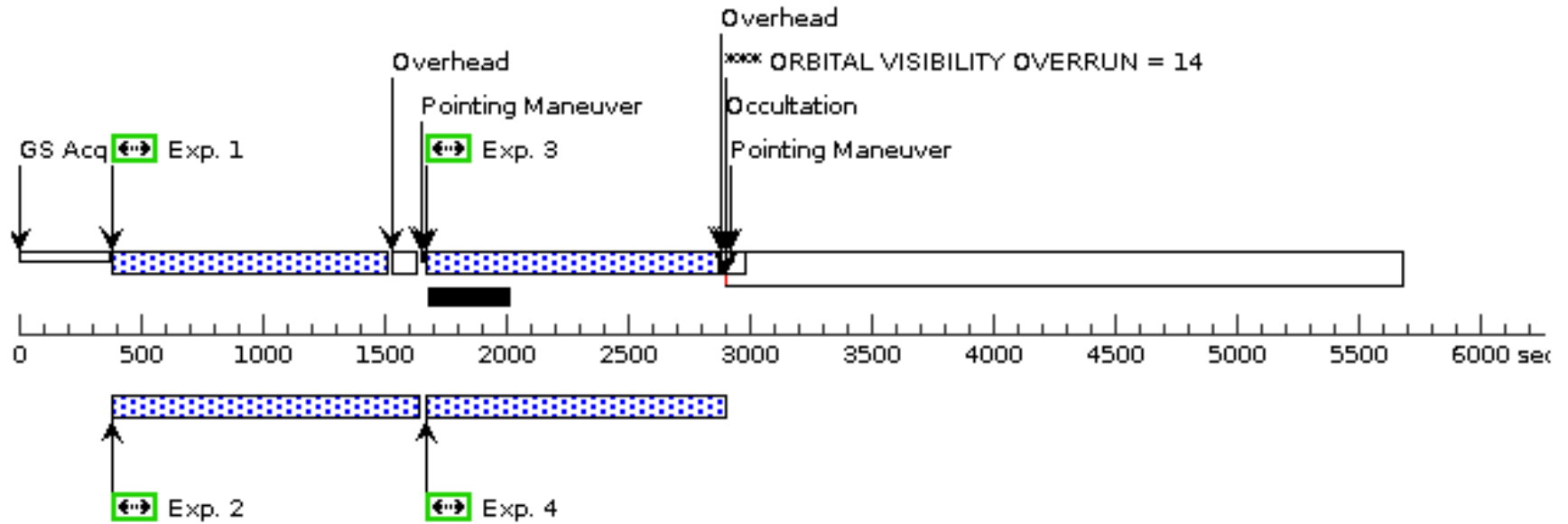
Visit	Proposal 16278, MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (88), completed					Wed Jan 03 16:01:41 GMT 2024
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/UVIS, ACS/WFC					
	Special Requirements: SCHED 100%; SAME ORIENT AS 81					
Diagnostics	(MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (88)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (88)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	MACSJ0717.5+3745	RA: 07 17 34.0000 (109.3916667d)		V=27	Reference Frame: ICRS
			Dec: +37 44 49.00 (37.74694d)			
			Equinox: J2000			
	Comments:					
	Category=CLUSTER OF GALAXIES					
	Description=[GRAVITATIONAL LENS]					

Proposal 16278 - MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (88) - Flashlights: Many Extremely Magnified Individual Stars as...

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1067 34375,1.4613203125	Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (88)	1110 Secs (1104 Secs) [==>1104.0 Secs]	[1]
	2		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (88)	1109 Secs (1050 Secs) [==>1050.0 Secs]	[1]
	3		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.08198 437500000001,1.480 9765625	Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (88)	1210 Secs (1204 Secs) [==>1204.0 Secs]	[1]
	4		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (88)	1109 Secs (1109 Secs) [==>1109.0 Secs]	[1]
	5		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG -0.1220 4843750000001,-3.2 77409375	Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (88)	1185 Secs (1127 Secs) [==>1127.0 Secs]	[2]
	6		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (88)	1164 Secs (1164 Secs) [==>]	[2]
	7		(11) MACSJ0717.5+3745	WFC3/UVIS, ACCUM, UVIS-CENTER	F200LP		POS TARG 0.11292 1875,-3.5642734375	Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (88)	1259 Secs (1201 Secs) [==>1201.0 Secs]	[2]
	8		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in MACSJ0717.5+3745 WFC3/UVIS F200LP Primary (88)	1167 Secs (1075 Secs) [==>1075.0 Secs]	[2]

Orbit 1

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Orbit 2

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