



# 17158 - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Cycle: 30, Proposal Category: SNAP  
(Availability Mode: SUPPORTED)

## INVESTIGATORS

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## VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
10	(101) M81-DWJ0959+6837 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:14.0	yes

Proposal 17158 (STScI Edit Number: 0, Created: Wednesday, July 13, 2022 at 3:06:58 PM Eastern Standard Time) - Overview

<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>
11	(102) M81-D1005+68 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:15.0	yes
12	(103) M81-D1006+69 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:16.0	yes
13	(104) M81-D1009+68 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:17.0	yes
14	(105) M81-DWJ0954+6821 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:17.0	yes
15	(106) M81-DWJ1000+6841 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:18.0	yes
16	(107) M81-DWJ1001+6907 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:19.0	yes
17	(108) M81-DWJ1002+6903 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:20.0	yes
18	(109) M81-DWJ1004+6835 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:21.0	yes
19	(110) M81-DWJ1008+6856 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:22.0	yes
20	(111) M81-DWJ1003+6901 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:22.0	yes
21	(112) OBJ-095534+701057 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:23.0	yes
22	(201) OBJ-125344+404100 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:24.0	yes
23	(202) OBJ-125209+405322 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:25.0	yes
24	(203) OBJ-125201+410019 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:26.0	yes

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<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>
25	(204) OBJ-125326+405046 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:27.0	yes
26	(205) OBJ-125308+420004 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:28.0	yes
27	(301) OBJ-133450-300253 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:29.0	yes
29	(302) OBJ-133222-291520 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:30.0	yes
28	(303) OBJ-133732-292413 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:31.0	yes
30	(304) OBJ-133533-294429 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:32.0	yes
31	(401) OBJ-125144+214910 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:33.0	yes
32	(402) OBJ-130227+215856 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:34.0	yes
33	(403) OBJ-125501+205541 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:34.0	yes
34	(404) OBJ-125403+205124 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:35.0	yes
35	(405) OBJ-125704+234255 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:36.0	yes
36	(406) OBJ-125851+232914 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:38.0	yes
37	(407) OBJ-130228+204900 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:38.0	yes
38	(408) OBJ-130022+210349 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:39.0	yes

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<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>
39	(409) OBJ-130045+211917 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:40.0	yes
40	(410) OBJ-125438+221708 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:41.0	yes
41	(411) OBJ-125259+222454 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:42.0	yes
42	(412) OBJ-125206+221556 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:43.0	yes
43	(413) OBJ-130014+211225 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:44.0	yes
44	(414) OBJ-125859+212009 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:45.0	yes
45	(415) OBJ-125719+213212 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:46.0	yes
46	(416) OBJ-125536+210632 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:46.0	yes
47	(1) OBJ-013544+292104	WFC3/UVIS	1	13-Jul-2022 16:06:47.0	yes
48	(2) OBJ-002638+400622	WFC3/UVIS	1	13-Jul-2022 16:06:48.0	yes
49	(3) OBJ-010507+414932	WFC3/UVIS	1	13-Jul-2022 16:06:48.0	yes
50	(4) OBJ-004300+435519	WFC3/UVIS	1	13-Jul-2022 16:06:49.0	yes
51	(5) OBJ-005315+400046 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:49.0	yes
52	(6) OBJ-003401+465102	WFC3/UVIS	1	13-Jul-2022 16:06:50.0	yes
53	(7) OBJ-011640+473910	WFC3/UVIS	1	13-Jul-2022 16:06:51.0	yes
54	(8) OBJ-012045+293518 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:51.0	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>
55	(9) OBJ-013718+305403 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:52.0	yes
56	(10) OBJ-014057+321931 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:52.0	yes
57	(11) OBJ-003157+335303 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:53.0	yes
58	(12) OBJ-005241+351211 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:54.0	yes
59	(13) OBJ-004632+450636	WFC3/UVIS	1	13-Jul-2022 16:06:54.0	yes
60	(14) OBJ-010834+454346 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:55.0	yes
61	(15) OBJ-011318+343942	WFC3/UVIS	1	13-Jul-2022 16:06:56.0	yes
62	(16) OBJ-011135+420355	WFC3/UVIS	1	13-Jul-2022 16:06:56.0	yes
63	(17) OBJ-000657+423639 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:57.0	yes
64	(18) OBJ-013111+381339 ANY	ACS/WFC WFC3/UVIS	1	13-Jul-2022 16:06:57.0	yes

55 Total Orbits Used

## **ABSTRACT**

Faint dwarf galaxies are the observational bedrock of small-scale cosmology and galaxy formation. The faintest of these, the ultra-faint satellites of the Milky Way, are particularly informative: as they have formed so few stars, they are very sensitive to the details of dark matter properties, feedback and reionization. While many models have been tuned to reproduce the Milky Way's satellite population well, large variations between the luminosity functions of bright dwarfs in nearby groups coupled with theoretical expectations for variations in ultra-faint populations motivate searches for ultra-faint dwarfs in other groups.

Recent advances in wide-field deep multi-band imaging, star-galaxy separation and dwarf candidate search techniques place us in a position to explore this issue on a statistical footing. Sufficient data exists in five nearby galaxy groups: M31, M81, M64, M83 and M94. We have identified 55

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faint and ultra-faint satellite candidates using criteria designed to be as selective and restrictive as possible, while recovering artificial galaxies 3-10x deeper than current limits in these groups. We request 55 SNAPs with ACS and WFC3 in parallel (for local 'background' estimation and legacy stellar halo science) to confirm a subset of this statistical sample. This program will confirm the faintest ever galaxy found outside the Milky Way, will allow measurement of their luminosities and sizes, will provide deep enough color-magnitude diagrams to constrain distance, metallicity and young stellar populations, and will propel robust Local Volume ultra-faint galaxy searches on an industrial scale with next-generation facilities like the Vera Rubin Observatory.

### **OBSERVING DESCRIPTION**

The main observational goal of this program is the confirmation of faint and ultra-faint dwarf galaxy candidates in the M31, M81, M64, M83 and M94 groups through HST ACS imaging, complemented when possible by coordinated parallel WFC3, for background measurement and stellar halo legacy science. These candidates were discovered in the best publicly available ground-based imaging data of nearby galaxy groups. The observations need to:

- i) Confirm (or possibly refute) that the clumps of compact objects are indeed stars,
- ii) Increase by factors of  $>4$  the number of detected stars, dramatically increasing the significance of the detection, and providing accurate measures of dwarf luminosity, position, and size.
- iii) Provide deeper and more accurate CMDs.

For the latter point, a few particular CMD features are important for our scientific goals.

- a) For systems at the distance of M31, a horizontal branch or red clump will be easily visible and provide a distance estimate.
- b) For luminous systems  $M_V < -7.5$ , the RGB will be populated enough to provide a TRGB distance estimate sufficient to place it within 0.5 Mpc of the group distance.
- c) For ultra-faint systems with poorly populated RGBs, constraints on distance still exist. If the system was substantially closer than the target galaxy group, a horizontal branch/red clump would be seen. If the system is substantially farther away, in order to have the observed apparent magnitude, its absolute magnitude will be bright enough to expect a well-populated TRGB that would yield a background distance measurement.
- d) The color of the RGB stars will allow us to obtain metallicity measurements of the UFDs. If young and intermediate-aged stars exist, they may be prominent enough to show up on the high-mass main sequence or as helium burning stars (bluer than the RGB).

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There are three different distance ranges for the candidates: M31 distance (~780kpc), M81 distance (~3.5Mpc) and M64 distance (~4.5Mpc). This gives 3 different relevant magnitude limits. In all cases, the dither between CR splits is carried out using a POS TARG instead of a pattern, to allow better packing of prime and parallel exposures.

**M31** : In order to reach below the Horizontal Branch, one wants to reach F814W ~ 25.6 and F606W ~ 26.2. Buffer constraints are the driving constraint for such short SNAPs. We are designing the SNAP to be as short as possible given our scientific needs. Our observing plan has either WFC3 as prime (no parallel) for candidates enclosed entirely by the WFC3 field (visits named M31-OBJXXXX), giving a 23 minute long SNAP, or ACS as prime (WFC3 parallel F814W only) for larger candidates (visits named M31A-OBJXXXX), giving a 30 minute long SNAP. For both cameras, the prime fields have 3 frames (2 in F606W, one in F814W), with a cosmic ray split in F606W for a robust stellar catalog and a single F814W frame for color information for the majority of the stars without cosmic ray contamination. Cosmic ray contaminated stars will be excessively red; very red stars (metallicity or dust) are not expected in UFDs, whereas blue stars could be expected (if a satellite has some ongoing star formation, or if it has a blue horizontal branch, for example).

**M81** : Our dwarf recovery simulations demonstrate that we must reach S/N of 5 or greater at  $m_{F814W} \sim 26.3$  and  $m_{F606W} \sim 27.3$ . Our SNAP design has ACS as primary (to enclose the largest possible field for a background value) with 800 and 690s in F606W and F814W respectively; our parallel is somewhat uneven owing to buffer constraints (1175s CR split in F606W, and single 685s exposure in F814W, again optimized for CR split in F606W so as to recover stars bluer than the RGB with confidence). The SNAPs are 44 minutes long.

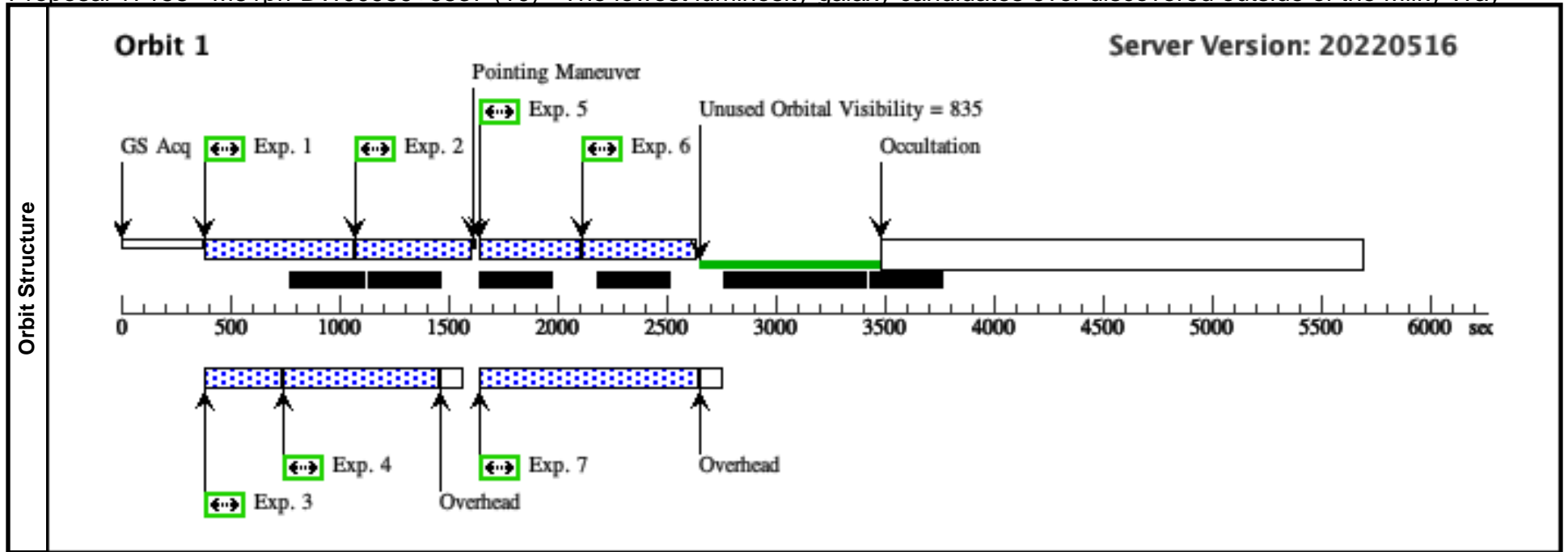
**M64,M83,M94** - Our dwarf recovery simulations demonstrate that we must reach S/N of 5 or greater at  $m_{F814W} \sim 26.7$  and  $m_{F606W} \sim 27.7$ . To reach these limits, we need longer SNAPs. With buffer constraints in mind, we reach ~1020 and 820s in F606W and F814W with ACS as primary (to enclose the largest possible field for a background value), and ~880 and ~1160s in F606W and F814W with WFC3 in parallel (each with 2 images allowing CR rejection). These SNAPs are longer, nearly 50 minutes long. Our exploration of SNAP completion rates in previous cycles suggests that such long SNAPs are executed comparably often to rather shorter SNAPs); at any rate such exposure times are driven by the science requirements.

Most targets are so diffuse that the positioning of the chip gap isn't critical. Some targets are so compact as to prefer a pointing that is 7-20" from the location using a POS TARG, so as to not land the candidate on the chip gap.

Proposal 17158 - M81pri-DWJ0959+6837 (10) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

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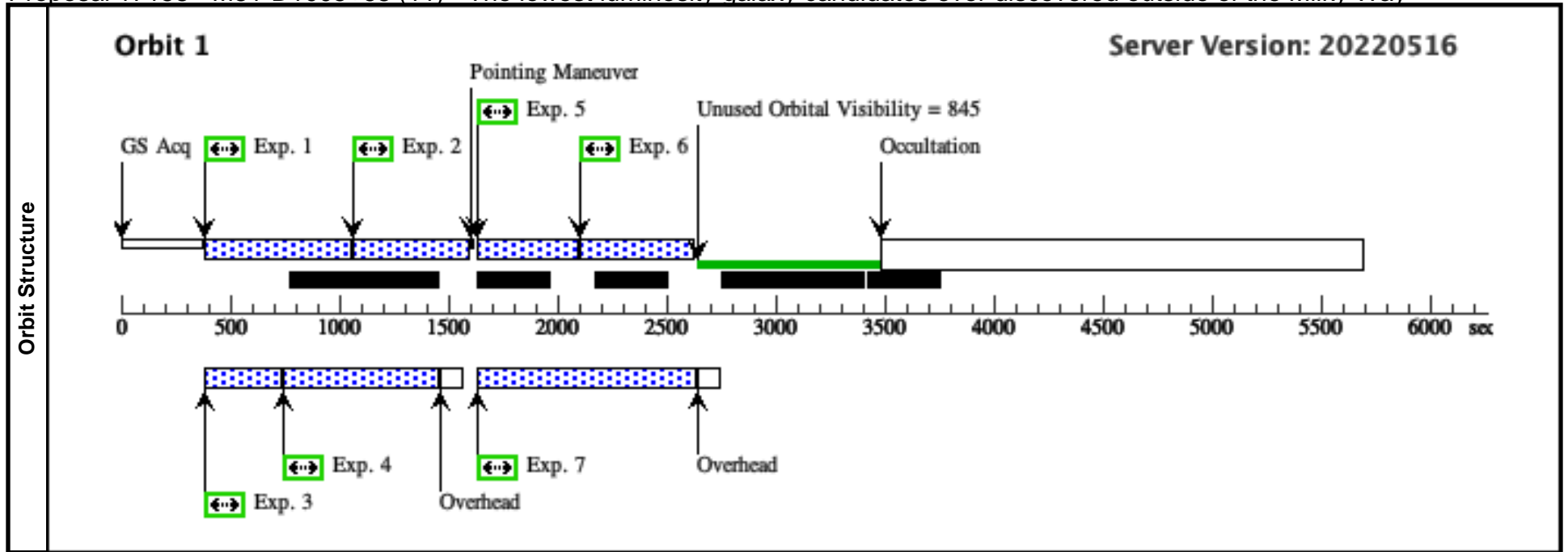
Visit	<b>Proposal 17158, M81pri-DWJ0959+6837 (10)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(101)	M81-DWJ0959+6837	RA: 09 59 10.3440 (149.7931000d) Dec: +68 37 16.32 (68.62120d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M81 candidate; priority</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(101) M81-DWJ0959+6837	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M81pri-DWJ0959+6837 (10)	470 Secs (470 Secs) [==>]	[1]
	2		(101) M81-DWJ0959+6837	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M81pri-DWJ0959+6837 (10)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M81pri-DWJ0959+6837 (10)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M81pri-DWJ0959+6837 (10)	685 Secs (685 Secs) [==>]	[1]
	5		(101) M81-DWJ0959+6837	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-7 in M81pri-DWJ0959+6837 (10)	340 Secs (340 Secs) [==>]	[1]
	6		(101) M81-DWJ0959+6837	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-7 in M81pri-DWJ0959+6837 (10)	340 Secs (340 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-7 in M81pri-DWJ0959+6837 (10)	975 Secs (975 Secs) [==>]	[1]



Proposal 17158 - M81-D1005+68 (11) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

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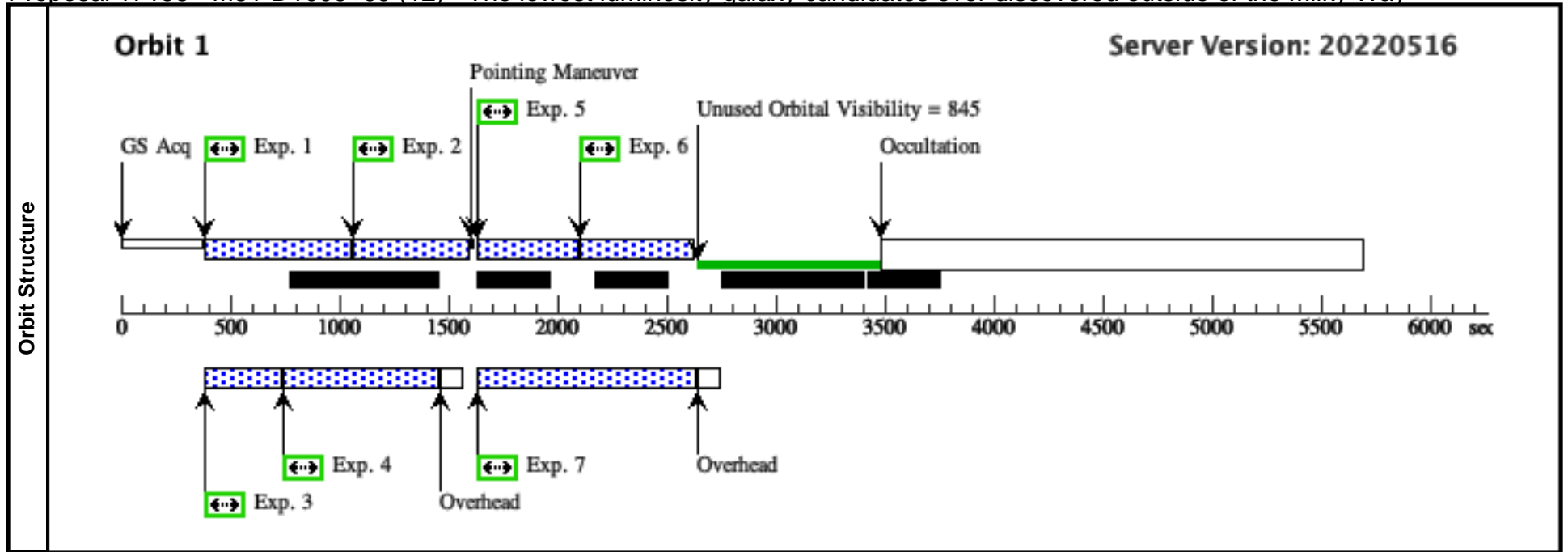
Visit	<b>Proposal 17158, M81-D1005+68 (11)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(102)	M81-D1005+68	RA: 10 05 31.8000 (151.3825000d) Dec: +68 14 20.00 (68.23889d) Equinox: J2000		V=22	Reference Frame: ICRS				
	Comments: <i>Smercina17 resolved star discovery</i> Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(102) M81-D1005+68	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M81-D1005+68 (11)	460 Secs (460 Secs) [==>]	[1]
	2		(102) M81-D1005+68	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M81-D1005+68 (11)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M81-D1005+68 (11)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M81-D1005+68 (11)	685 Secs (685 Secs) [==>]	[1]
	5		(102) M81-D1005+68	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-7 in M81-D1005+68 (11)	340 Secs (340 Secs) [==>]	[1]
	6		(102) M81-D1005+68	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-7 in M81-D1005+68 (11)	340 Secs (340 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-7 in M81-D1005+68 (11)	975 Secs (975 Secs) [==>]	[1]



Proposal 17158 - M81-D1006+69 (12) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

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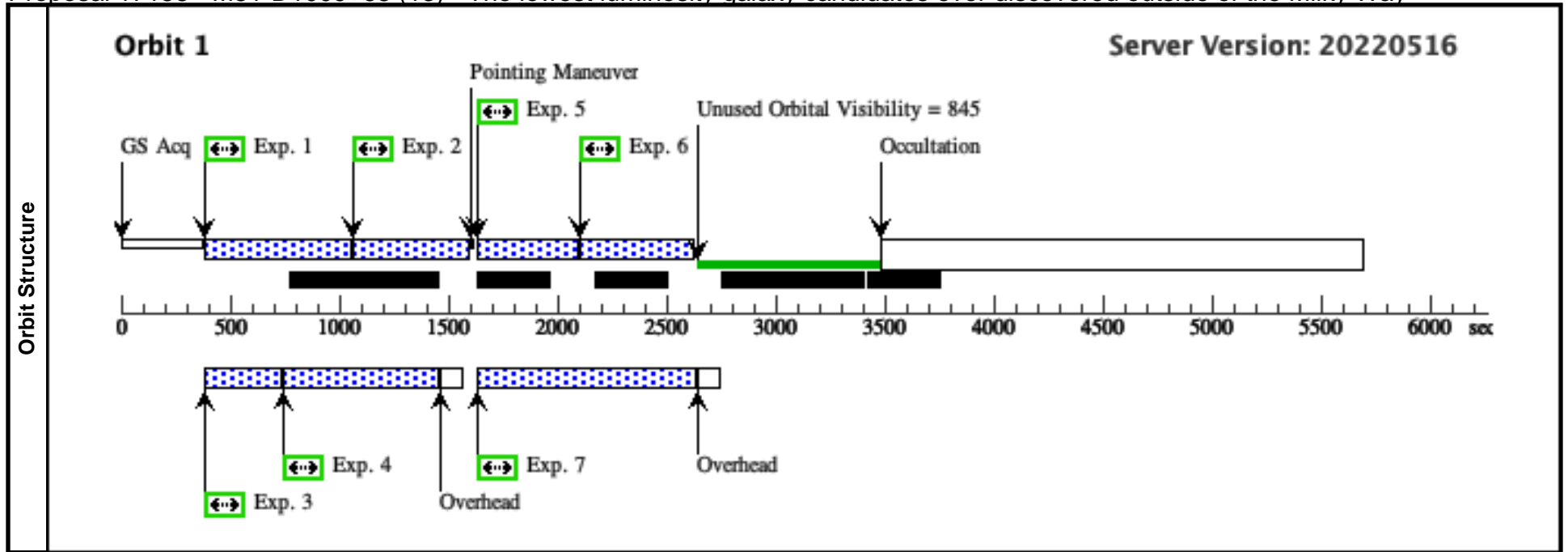
Visit	<b>Proposal 17158, M81-D1006+69 (12)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(103)	M81-D1006+69	RA: 10 06 55.5000 (151.7312500d) Dec: +69 54 17.00 (69.90472d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: Okamoto19 discovery; resolved stars.</i> Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(103) M81-D1006+69	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,-10	Prime + Parallel Group 1-4 in M81-D1006+69 (12)	460 Secs (460 Secs) [==>]	[1]
	2		(103) M81-D1006+69	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M81-D1006+69 (12)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M81-D1006+69 (12)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M81-D1006+69 (12)	685 Secs (685 Secs) [==>]	[1]
	5		(103) M81-D1006+69	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,-7	Prime + Parallel Group 5-7 in M81-D1006+69 (12)	340 Secs (340 Secs) [==>]	[1]
	6		(103) M81-D1006+69	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-7 in M81-D1006+69 (12)	340 Secs (340 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-7 in M81-D1006+69 (12)	975 Secs (975 Secs) [==>]	[1]



Proposal 17158 - M81-D1009+68 (13) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

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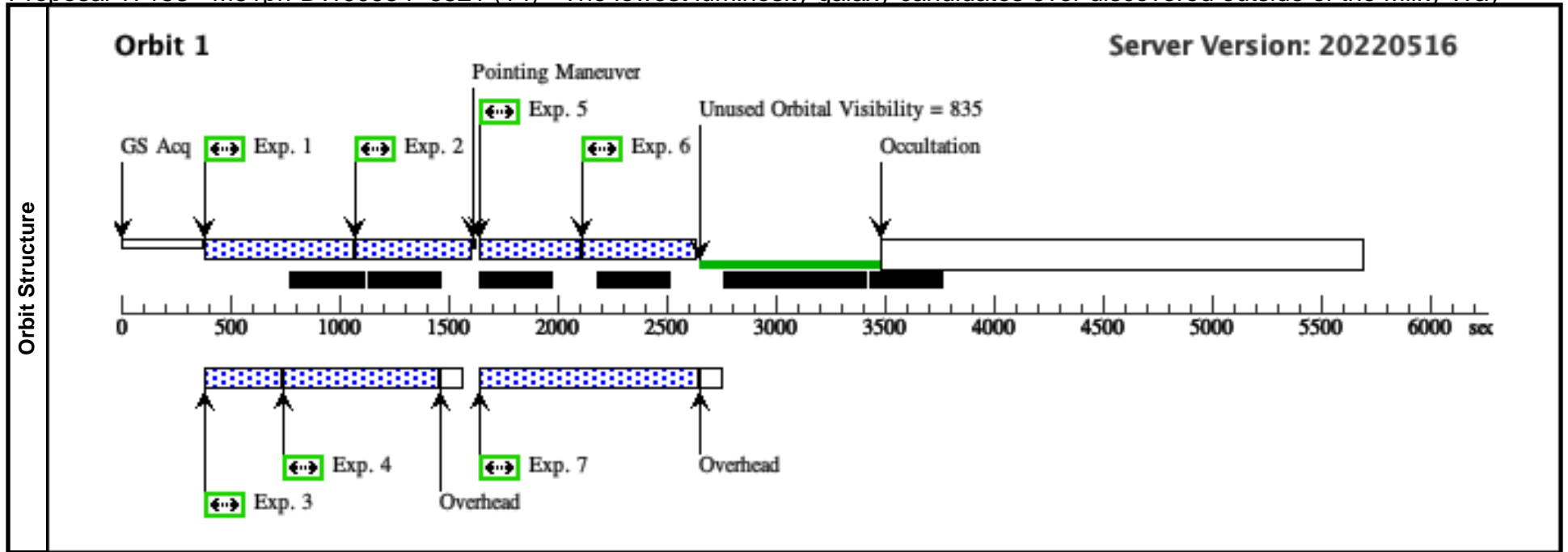
Visit	<b>Proposal 17158, M81-D1009+68 (13)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(104)	M81-D1009+68	RA: 10 09 14.3000 (152.3095833d) Dec: +68 45 25.00 (68.75694d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: Okamoto19 discovery; resolved stars.</i> Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(104) M81-D1009+68	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,-10	Prime + Parallel Group 1-4 in M81-D1009+68 (13)	460 Secs (460 Secs) [==>]	[1]
	2		(104) M81-D1009+68	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M81-D1009+68 (13)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M81-D1009+68 (13)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M81-D1009+68 (13)	685 Secs (685 Secs) [==>]	[1]
	5		(104) M81-D1009+68	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,-7	Prime + Parallel Group 5-7 in M81-D1009+68 (13)	340 Secs (340 Secs) [==>]	[1]
	6		(104) M81-D1009+68	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-7 in M81-D1009+68 (13)	340 Secs (340 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-7 in M81-D1009+68 (13)	975 Secs (975 Secs) [==>]	[1]



Proposal 17158 - M81pri-DWJ0954+6821 (14) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:58 GMT 2022

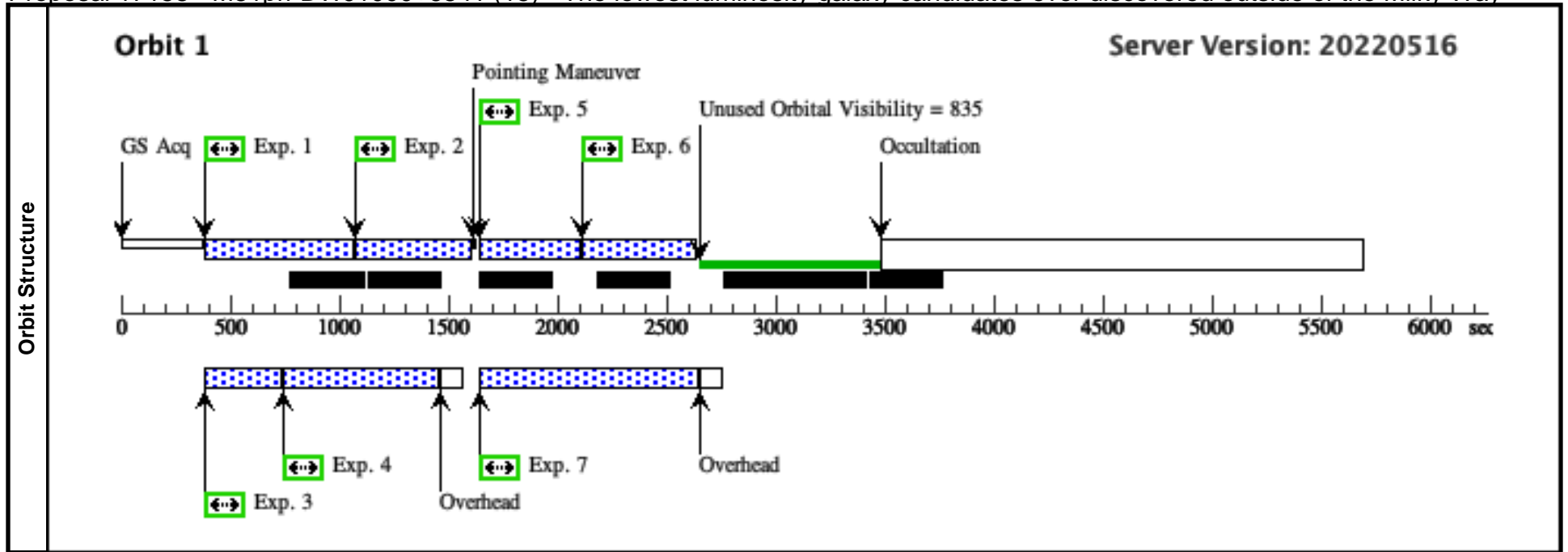
Visit	<b>Proposal 17158, M81pri-DWJ0954+6821 (14)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(105)	M81-DWJ0954+6821	RA: 09 54 7.0080 (148.5292000d) Dec: +68 21 50.76 (68.36410d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: Diffuse light clearly visible</i> Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(105) M81-DWJ0954+6821	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,20	Prime + Parallel Group 1-4 in M81pri-DWJ0954+6821 (14)	470 Secs (470 Secs) [==>]	[1]
	2		(105) M81-DWJ0954+6821	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M81pri-DWJ0954+6821 (14)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M81pri-DWJ0954+6821 (14)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M81pri-DWJ0954+6821 (14)	685 Secs (685 Secs) [==>]	[1]
	5		(105) M81-DWJ0954+6821	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,23	Prime + Parallel Group 5-7 in M81pri-DWJ0954+6821 (14)	340 Secs (340 Secs) [==>]	[1]
	6		(105) M81-DWJ0954+6821	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-7 in M81pri-DWJ0954+6821 (14)	340 Secs (340 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-7 in M81pri-DWJ0954+6821 (14)	975 Secs (975 Secs) [==>]	[1]



Proposal 17158 - M81pri-DWJ1000+6841 (15) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:58 GMT 2022

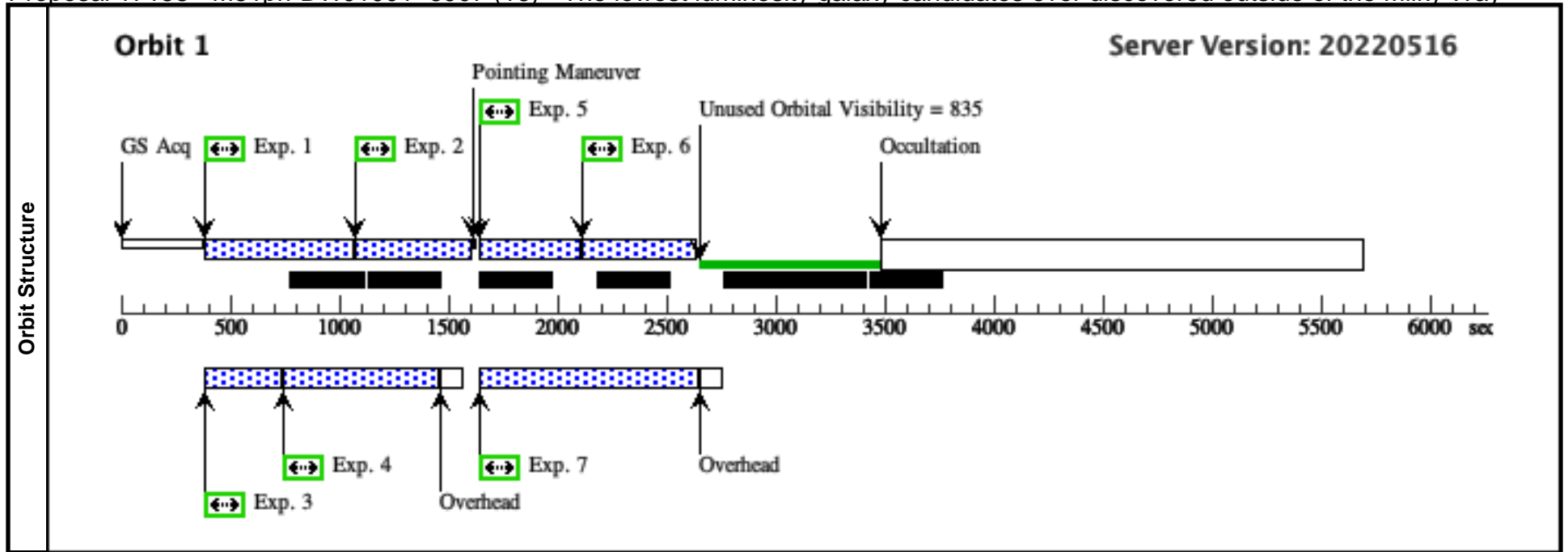
Visit	<b>Proposal 17158, M81pri-DWJ1000+6841 (15)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(106)	M81-DWJ1000+6841	RA: 10 00 9.6480 (150.0402000d) Dec: +68 41 7.80 (68.68550d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: priority</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(106) M81-DWJ1000+6841	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,-10	Prime + Parallel Group 1-4 in M81pri-DWJ1000+6841 (15)	470 Secs (470 Secs) [==>]	[1]
	2		(106) M81-DWJ1000+6841	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M81pri-DWJ1000+6841 (15)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M81pri-DWJ1000+6841 (15)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M81pri-DWJ1000+6841 (15)	685 Secs (685 Secs) [==>]	[1]
	5		(106) M81-DWJ1000+6841	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,-7	Prime + Parallel Group 5-7 in M81pri-DWJ1000+6841 (15)	340 Secs (340 Secs) [==>]	[1]
	6		(106) M81-DWJ1000+6841	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-7 in M81pri-DWJ1000+6841 (15)	340 Secs (340 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-7 in M81pri-DWJ1000+6841 (15)	975 Secs (975 Secs) [==>]	[1]



Proposal 17158 - M81pri-DWJ1001+6907 (16) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:58 GMT 2022

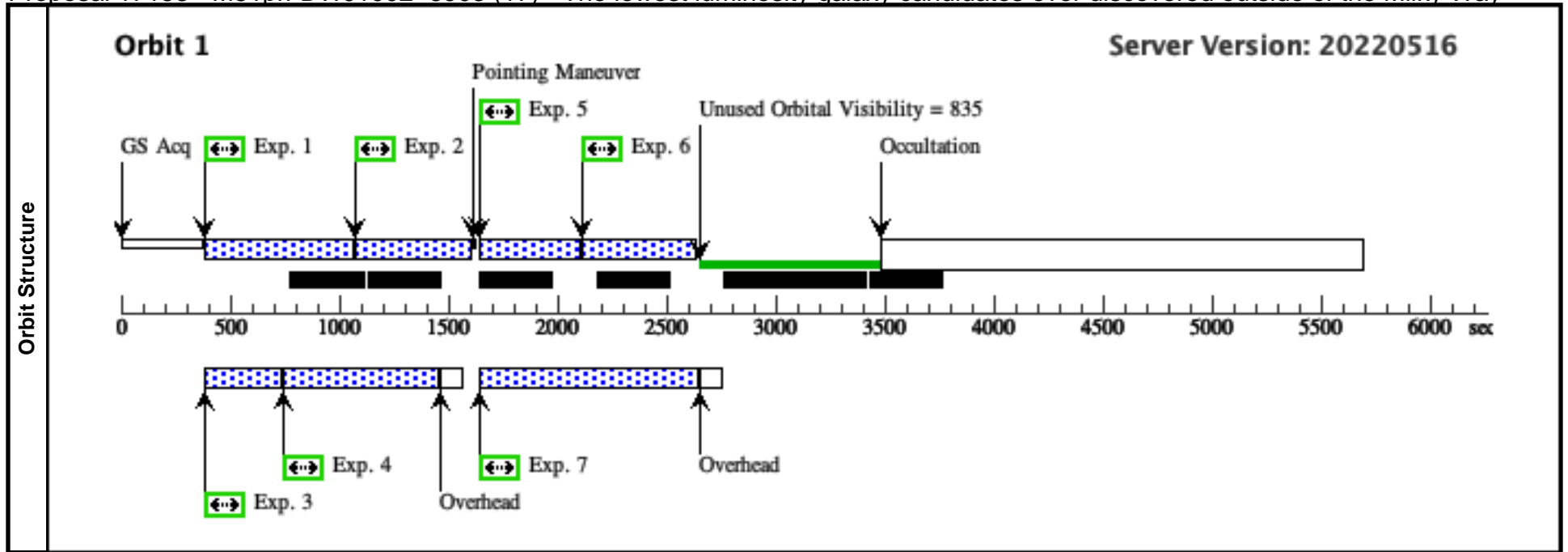
Visit	<b>Proposal 17158, M81pri-DWJ1001+6907 (16)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(107)	M81-DWJ1001+6907	RA: 10 01 36.9360 (150.4039000d) Dec: +69 07 20.64 (69.12240d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: priority</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(107) M81-DWJ1001+6907	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,-10	Prime + Parallel Group 1-4 in M81pri-DWJ1001+6907 (16)	470 Secs (470 Secs) [==>]	[1]
	2		(107) M81-DWJ1001+6907	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M81pri-DWJ1001+6907 (16)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M81pri-DWJ1001+6907 (16)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M81pri-DWJ1001+6907 (16)	685 Secs (685 Secs) [==>]	[1]
	5		(107) M81-DWJ1001+6907	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,-7	Prime + Parallel Group 5-7 in M81pri-DWJ1001+6907 (16)	340 Secs (340 Secs) [==>]	[1]
	6		(107) M81-DWJ1001+6907	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-7 in M81pri-DWJ1001+6907 (16)	340 Secs (340 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-7 in M81pri-DWJ1001+6907 (16)	975 Secs (975 Secs) [==>]	[1]



Proposal 17158 - M81pri-DWJ1002+6903 (17) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

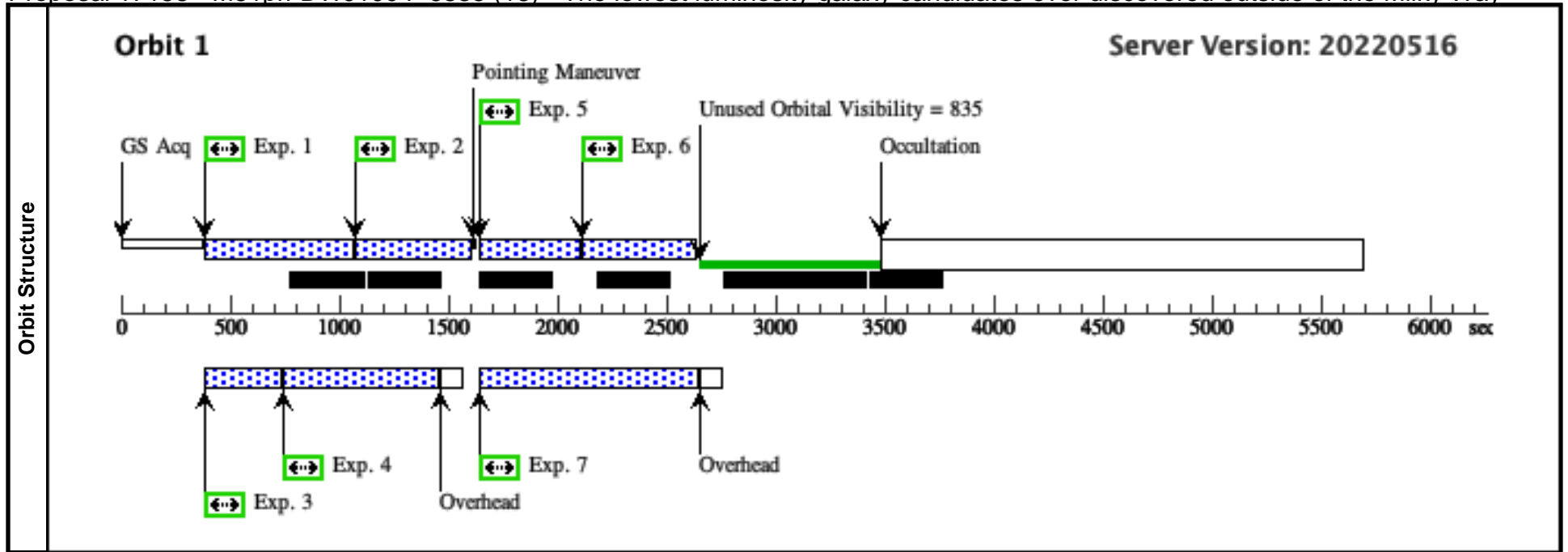
Visit	<b>Proposal 17158, M81pri-DWJ1002+6903 (17)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(108)	M81-DWJ1002+6903	RA: 10 02 57.7200 (150.7405000d) Dec: +69 03 21.24 (69.05590d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: priority</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(108) M81-DWJ1002+6903	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M81pri-DWJ1002+6903 (17)	470 Secs (470 Secs) [==>]	[1]
	2		(108) M81-DWJ1002+6903	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M81pri-DWJ1002+6903 (17)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M81pri-DWJ1002+6903 (17)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M81pri-DWJ1002+6903 (17)	685 Secs (685 Secs) [==>]	[1]
	5		(108) M81-DWJ1002+6903	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-7 in M81pri-DWJ1002+6903 (17)	340 Secs (340 Secs) [==>]	[1]
	6		(108) M81-DWJ1002+6903	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-7 in M81pri-DWJ1002+6903 (17)	340 Secs (340 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-7 in M81pri-DWJ1002+6903 (17)	975 Secs (975 Secs) [==>]	[1]



Proposal 17158 - M81pri-DWJ1004+6835 (18) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

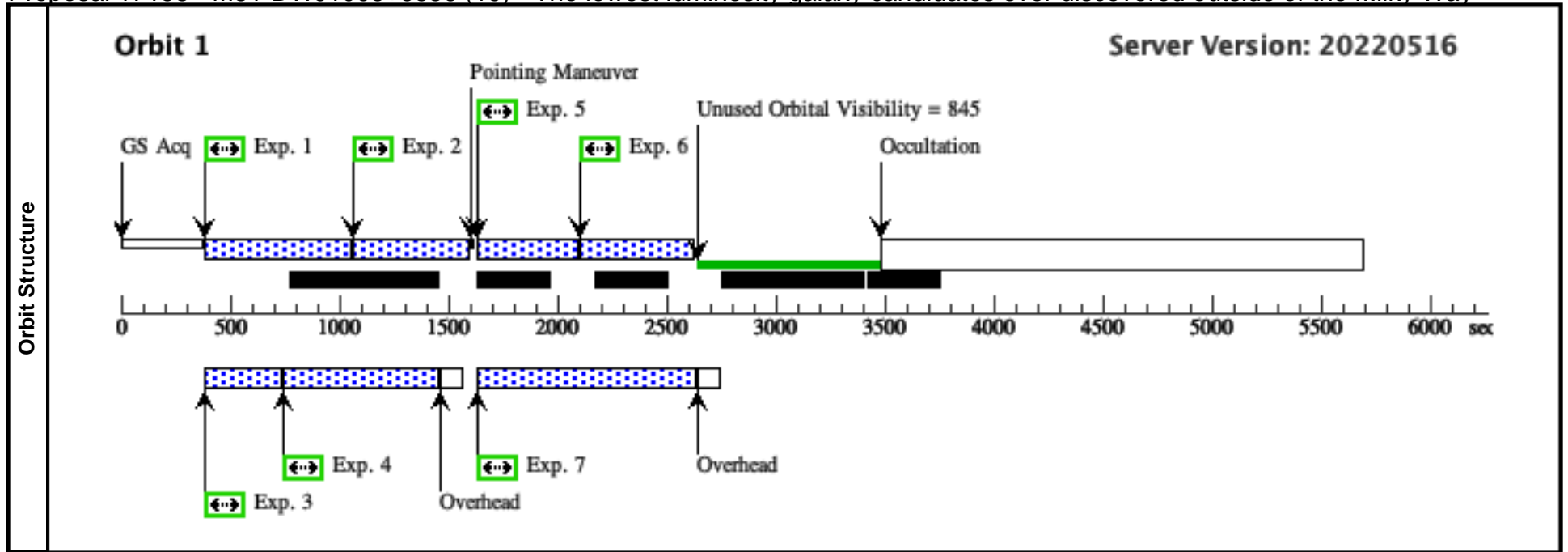
Visit	<b>Proposal 17158, M81pri-DWJ1004+6835 (18)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(109)	M81-DWJ1004+6835	RA: 10 04 38.7120 (151.1613000d) Dec: +68 35 29.76 (68.59160d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: priority</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(109) M81-DWJ1004+6835	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M81pri-DWJ1004+6835 (18)	470 Secs (470 Secs) [==>]	[1]
	2		(109) M81-DWJ1004+6835	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M81pri-DWJ1004+6835 (18)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M81pri-DWJ1004+6835 (18)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M81pri-DWJ1004+6835 (18)	685 Secs (685 Secs) [==>]	[1]
	5		(109) M81-DWJ1004+6835	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-7 in M81pri-DWJ1004+6835 (18)	340 Secs (340 Secs) [==>]	[1]
	6		(109) M81-DWJ1004+6835	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-7 in M81pri-DWJ1004+6835 (18)	340 Secs (340 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-7 in M81pri-DWJ1004+6835 (18)	975 Secs (975 Secs) [==>]	[1]



Proposal 17158 - M81-DWJ1008+6856 (19) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

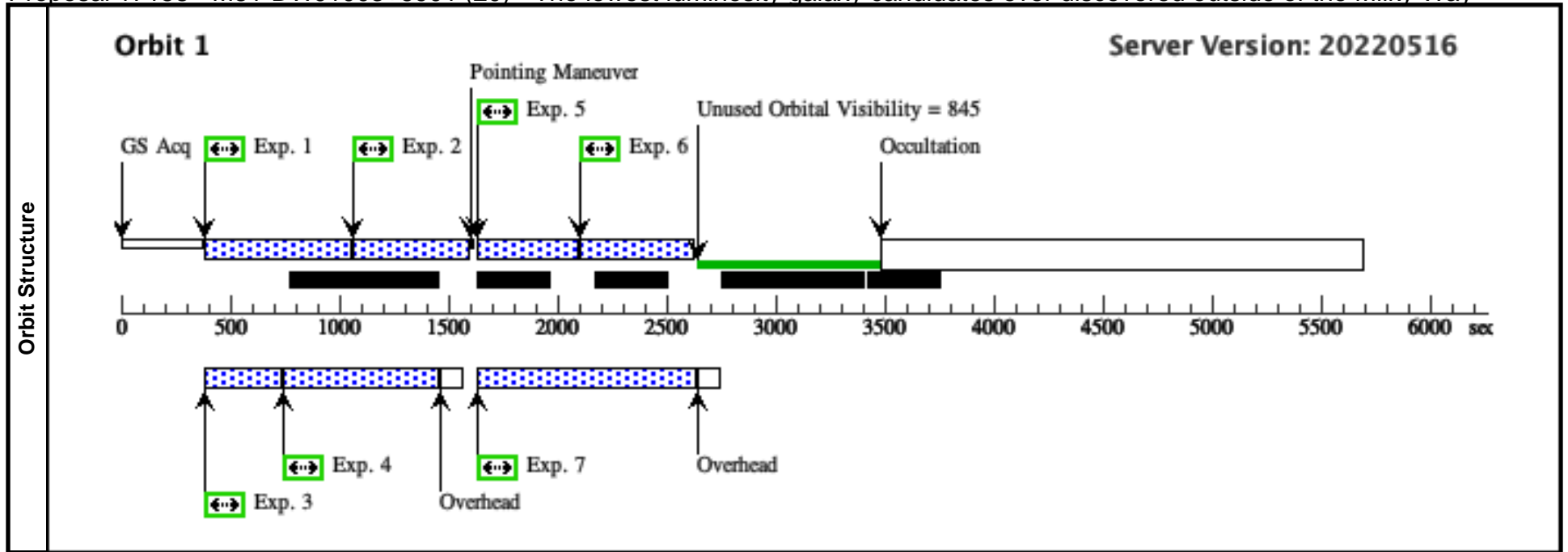
Visit	<b>Proposal 17158, M81-DWJ1008+6856 (19)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(110)	M81-DWJ1008+6856	RA: 10 08 2.4960 (152.0104000d) Dec: +68 56 12.12 (68.93670d) Equinox: J2000		V=22	Reference Frame: ICRS				
	Comments: Lower confidence Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(110) M81-DWJ1008+6856	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,-10	Prime + Parallel Group 1-4 in M81-DWJ 1008+6856 (19)	460 Secs (460 Secs) [==>]	[1]
	2		(110) M81-DWJ1008+6856	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M81-DWJ 1008+6856 (19)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M81-DWJ 1008+6856 (19)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M81-DWJ 1008+6856 (19)	685 Secs (685 Secs) [==>]	[1]
	5		(110) M81-DWJ1008+6856	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,-7	Prime + Parallel Group 5-7 in M81-DWJ 1008+6856 (19)	340 Secs (340 Secs) [==>]	[1]
	6		(110) M81-DWJ1008+6856	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-7 in M81-DWJ 1008+6856 (19)	340 Secs (340 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-7 in M81-DWJ 1008+6856 (19)	975 Secs (975 Secs) [==>]	[1]



Proposal 17158 - M81-DWJ1003+6901 (20) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

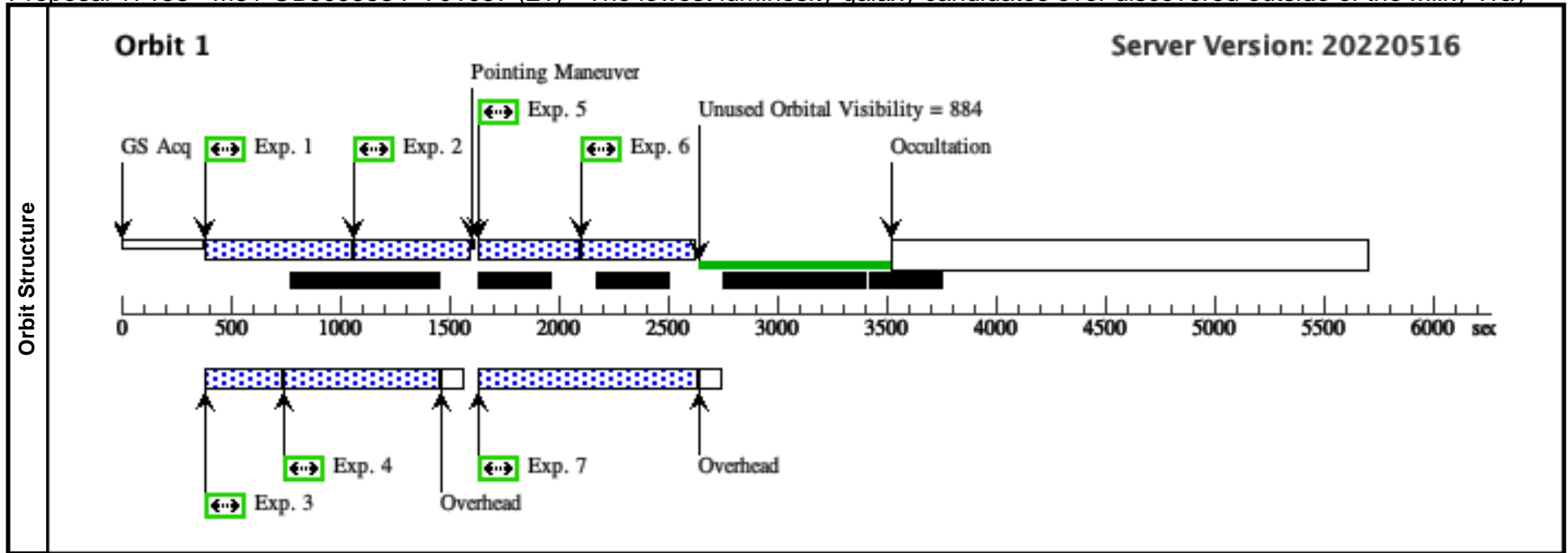
Visit	<b>Proposal 17158, M81-DWJ1003+6901 (20)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(111)	M81-DWJ1003+6901	RA: 10 03 37.4880 (150.9062000d) Dec: +69 01 7.32 (69.01870d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: Lower confidence</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(111) M81-DWJ1003+6901	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,-10	Prime + Parallel Group 1-4 in M81-DWJ 1003+6901 (20)	460 Secs (460 Secs) [==>]	[1]
	2		(111) M81-DWJ1003+6901	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M81-DWJ 1003+6901 (20)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M81-DWJ 1003+6901 (20)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M81-DWJ 1003+6901 (20)	685 Secs (685 Secs) [==>]	[1]
	5		(111) M81-DWJ1003+6901	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,-7	Prime + Parallel Group 5-7 in M81-DWJ 1003+6901 (20)	340 Secs (340 Secs) [==>]	[1]
	6		(111) M81-DWJ1003+6901	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-7 in M81-DWJ 1003+6901 (20)	340 Secs (340 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-7 in M81-DWJ 1003+6901 (20)	975 Secs (975 Secs) [==>]	[1]



Proposal 17158 - M81-OBJ095534+701057 (21) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

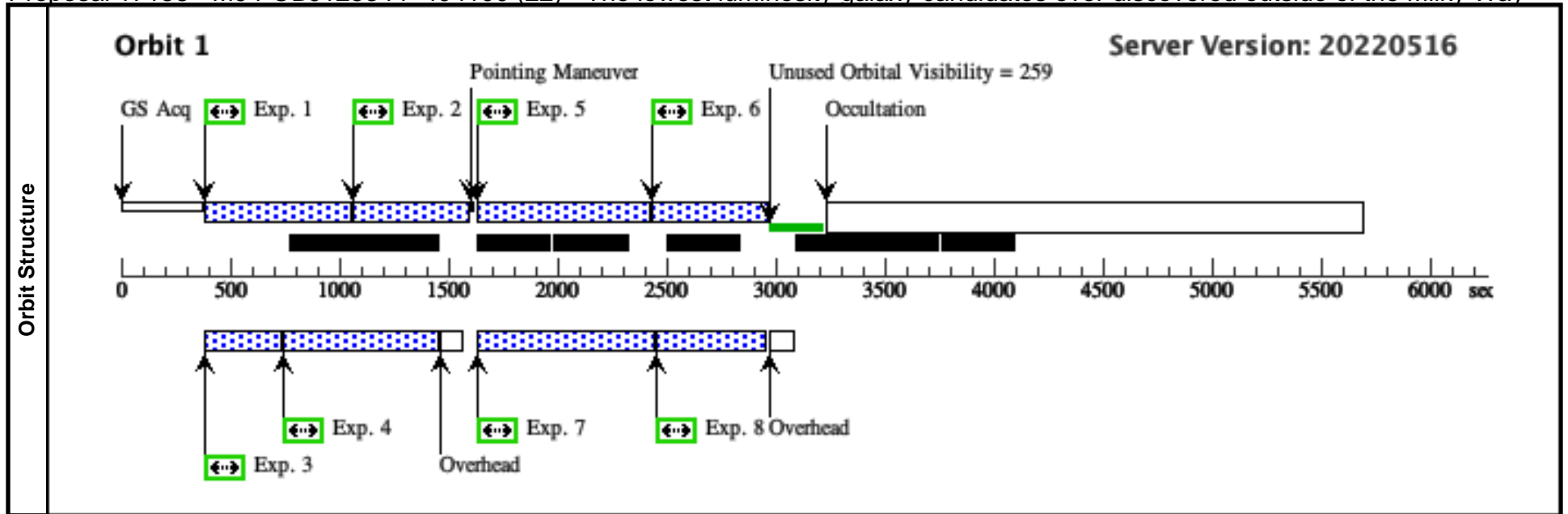
Visit	<b>Proposal 17158, M81-OBJ095534+701057 (21)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(112)	OBJ-095534+701057 Alt Name1: C14889+7018	RA: 09 55 33.7076 (148.8904483d) Dec: +70 10 57.22 (70.18256d) Equinox: J2000		V=22	Reference Frame: ICRS				
	Comments: M81 candidate; Poss bck GC Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(112) OBJ-095534+701057	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M81-OBJ095534+701057 (21)	460 Secs (460 Secs) [==>]	[1]
	2		(112) OBJ-095534+701057	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M81-OBJ095534+701057 (21)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M81-OBJ095534+701057 (21)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M81-OBJ095534+701057 (21)	685 Secs (685 Secs) [==>]	[1]
	5		(112) OBJ-095534+701057	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-7 in M81-OBJ095534+701057 (21)	340 Secs (340 Secs) [==>]	[1]
	6		(112) OBJ-095534+701057	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-7 in M81-OBJ095534+701057 (21)	340 Secs (340 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-7 in M81-OBJ095534+701057 (21)	975 Secs (975 Secs) [==>]	[1]



Proposal 17158 - M94-OBJ125344+404100 (22) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

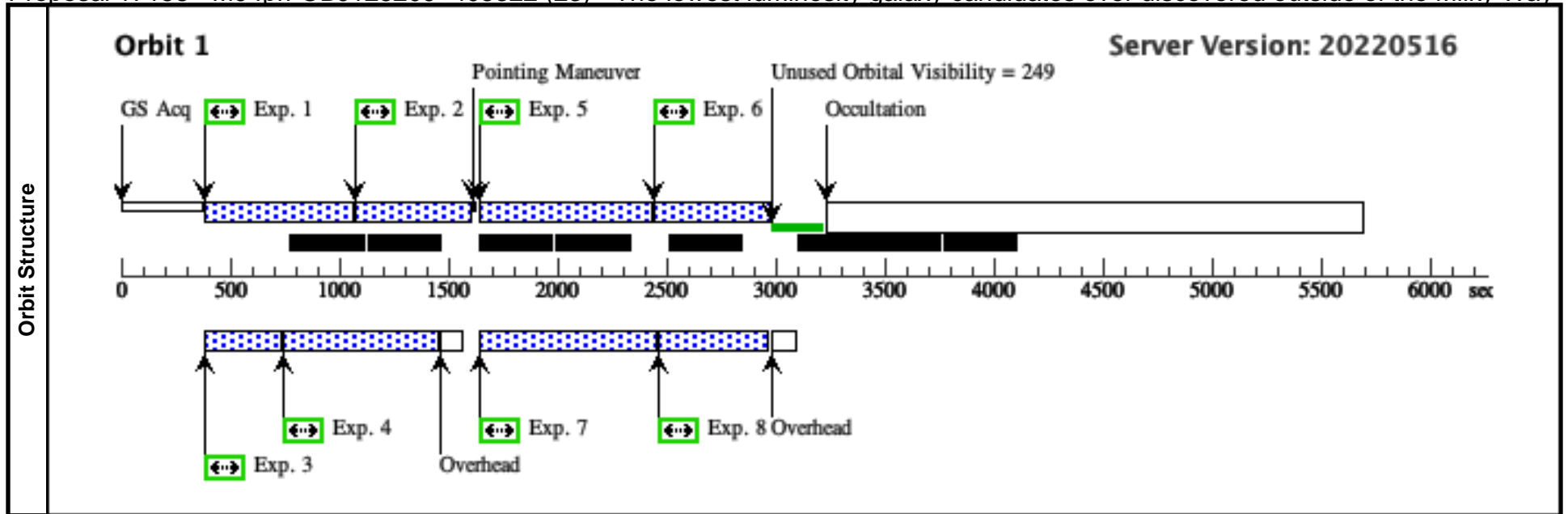
Visit	<b>Proposal 17158, M94-OBJ125344+404100 (22)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(201)	OBJ-125344+404100	RA: 12 53 44.2121 (193.4342171d) Dec: +40 41 0.19 (40.68339d) Equinox: J2000		V=22	Reference Frame: ICRS				
	Comments: M94 candidate Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(201) OBJ-125344+404100	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M94-OBJ125344+404100 (22)	460 Secs (460 Secs) [==>]	[1]
	2		(201) OBJ-125344+404100	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M94-OBJ125344+404100 (22)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M94-OBJ125344+404100 (22)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M94-OBJ125344+404100 (22)	685 Secs (685 Secs) [==>]	[1]
	5		(201) OBJ-125344+404100	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M94-OBJ125344+404100 (22)	670 Secs (670 Secs) [==>]	[1]
	6		(201) OBJ-125344+404100	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M94-OBJ125344+404100 (22)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M94-OBJ125344+404100 (22)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M94-OBJ125344+404100 (22)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M94pri-OB125209+405322 (23) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

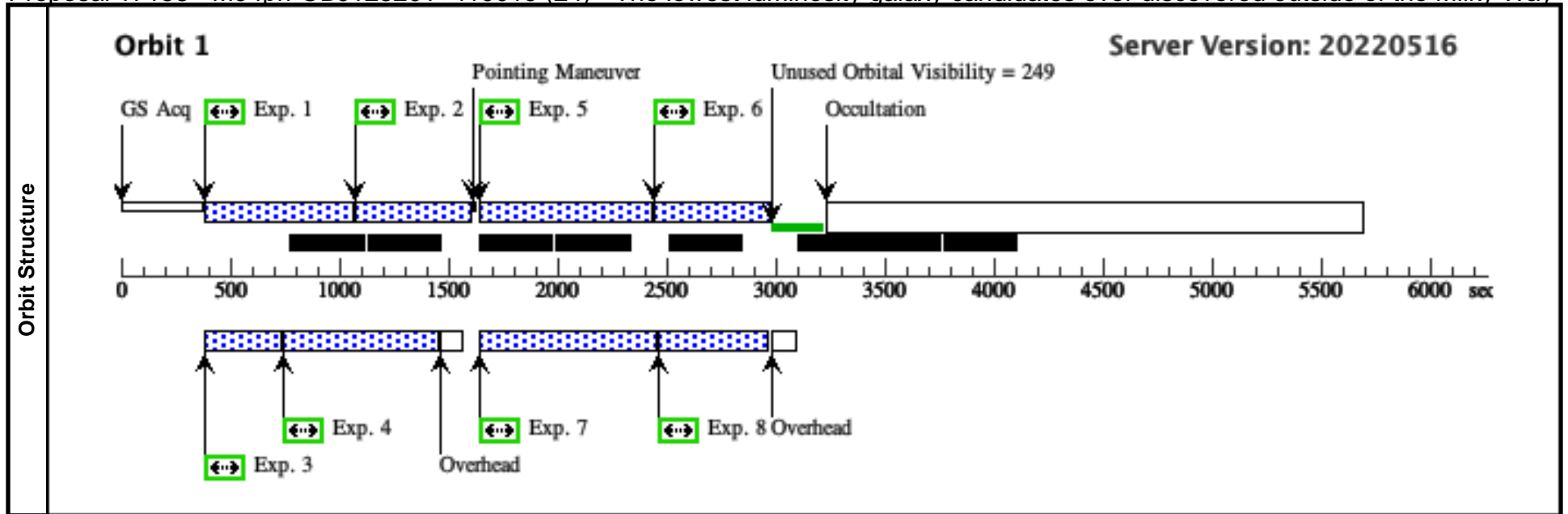
Visit	<b>Proposal 17158, M94pri-OB125209+405322 (23)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(202)	OBJ-125209+405322	RA: 12 52 8.8541 (193.0368921d) Dec: +40 53 22.07 (40.88946d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M94 candidate; priority</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(202) OBJ-125209+405322	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,20	Prime + Parallel Group 1-4 in M94pri-OB125209+405322 (23)	470 Secs (470 Secs) [==>]	[1]
	2		(202) OBJ-125209+405322	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M94pri-OB125209+405322 (23)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M94pri-OB125209+405322 (23)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M94pri-OB125209+405322 (23)	685 Secs (685 Secs) [==>]	[1]
	5		(202) OBJ-125209+405322	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,17	Prime + Parallel Group 5-8 in M94pri-OB125209+405322 (23)	670 Secs (670 Secs) [==>]	[1]
	6		(202) OBJ-125209+405322	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M94pri-OB125209+405322 (23)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M94pri-OB125209+405322 (23)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M94pri-OB125209+405322 (23)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M94pri-OBJ125201+410019 (24) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

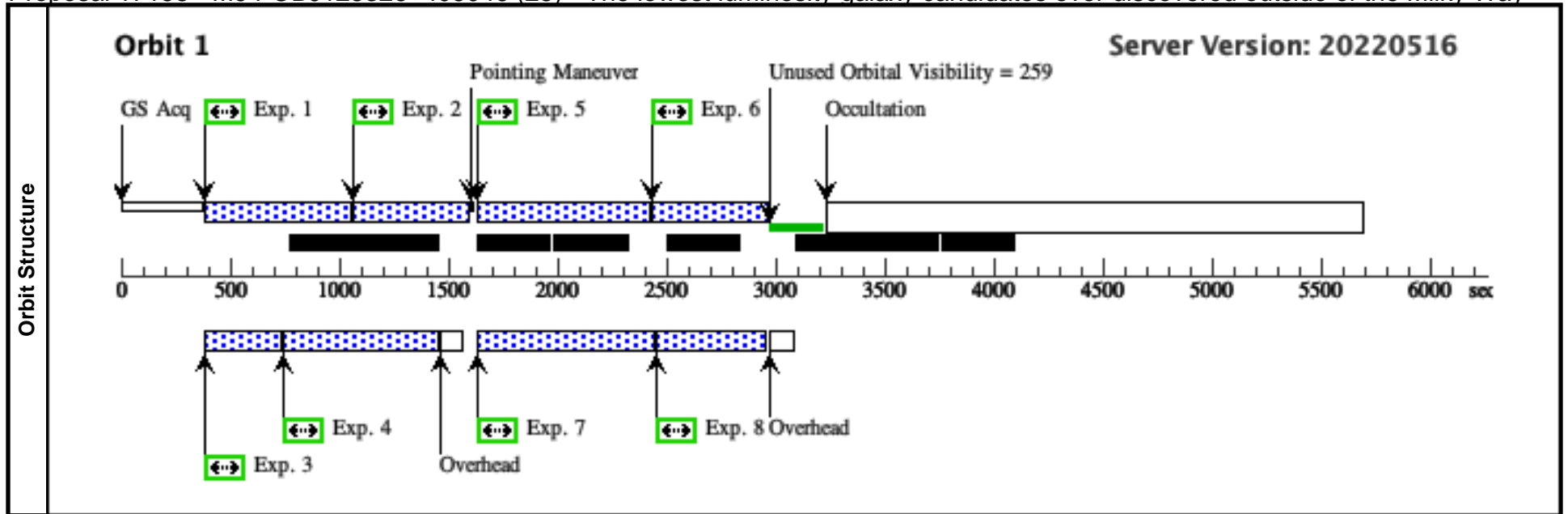
Visit	<b>Proposal 17158, M94pri-OBJ125201+410019 (24)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(203)	OBJ-125201+410019	RA: 12 52 0.5386 (193.0022442d)		V=22	Reference Frame: ICRS				
		Alt Name1: C19300+4101	Dec: +41 00 19.18 (41.00533d)	Equinox: J2000						
	Comments: M94 candidate; priority Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(203) OBJ-125201+410019	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,-10	Prime + Parallel Group 1-4 in M94pri-OBJ125201+410019 (24)	470 Secs (470 Secs) [==>]	[1]
	2		(203) OBJ-125201+410019	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M94pri-OBJ125201+410019 (24)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M94pri-OBJ125201+410019 (24)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M94pri-OBJ125201+410019 (24)	685 Secs (685 Secs) [==>]	[1]
	5		(203) OBJ-125201+410019	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,-7	Prime + Parallel Group 5-8 in M94pri-OBJ125201+410019 (24)	670 Secs (670 Secs) [==>]	[1]
	6		(203) OBJ-125201+410019	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M94pri-OBJ125201+410019 (24)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M94pri-OBJ125201+410019 (24)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M94pri-OBJ125201+410019 (24)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M94-OBJ125326+405046 (25) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

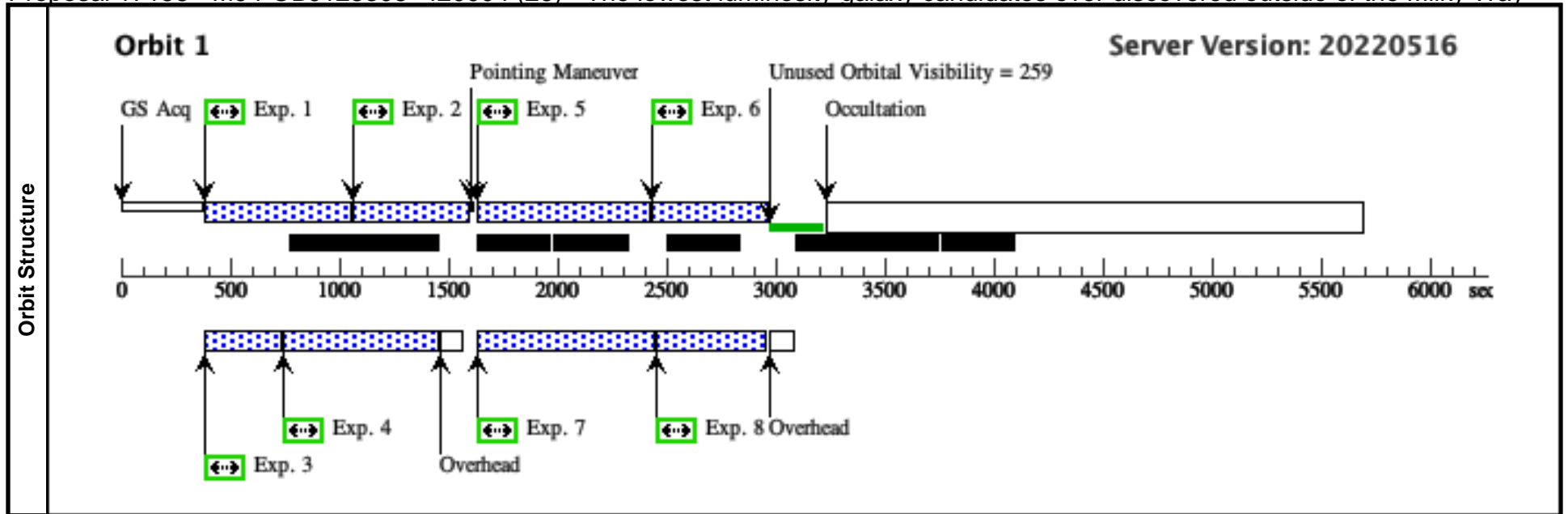
Visit	<b>Proposal 17158, M94-OBJ125326+405046 (25)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(204)	OBJ-125326+405046 Alt Name1: C19336+4085	RA: 12 53 25.7223 (193.3571762d) Dec: +40 50 46.22 (40.84617d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M94 candidate</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(204) OBJ-125326+405046	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M94-OBJ125326+405046 (25)	460 Secs (460 Secs) [==>]	[1]
	2		(204) OBJ-125326+405046	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M94-OBJ125326+405046 (25)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M94-OBJ125326+405046 (25)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M94-OBJ125326+405046 (25)	685 Secs (685 Secs) [==>]	[1]
	5		(204) OBJ-125326+405046	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M94-OBJ125326+405046 (25)	670 Secs (670 Secs) [==>]	[1]
	6		(204) OBJ-125326+405046	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M94-OBJ125326+405046 (25)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M94-OBJ125326+405046 (25)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M94-OBJ125326+405046 (25)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M94-OBJ125308+420004 (26) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

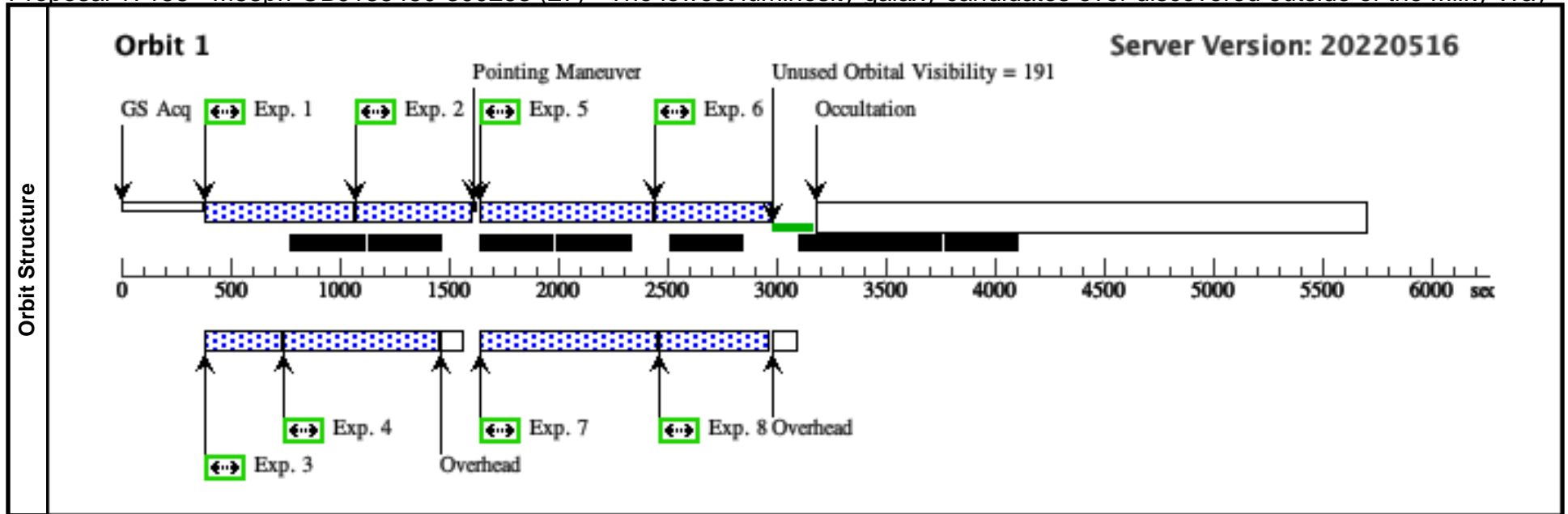
Visit	<b>Proposal 17158, M94-OBJ125308+420004 (26)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(205)	OBJ-125308+420004	RA: 12 53 8.4828 (193.2853450d) Dec: +42 00 3.60 (42.00100d) Equinox: J2000		V=22	Reference Frame: ICRS				
	Comments: M94 candidate Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(205) OBJ-125308+420004	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,-20	Prime + Parallel Group 1-4 in M94-OBJ125308+420004 (26)	460 Secs (460 Secs) [==>]	[1]
	2		(205) OBJ-125308+420004	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M94-OBJ125308+420004 (26)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M94-OBJ125308+420004 (26)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M94-OBJ125308+420004 (26)	685 Secs (685 Secs) [==>]	[1]
	5		(205) OBJ-125308+420004	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,-17	Prime + Parallel Group 5-8 in M94-OBJ125308+420004 (26)	670 Secs (670 Secs) [==>]	[1]
	6		(205) OBJ-125308+420004	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M94-OBJ125308+420004 (26)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M94-OBJ125308+420004 (26)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M94-OBJ125308+420004 (26)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M83pri-OB133450-300253 (27) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

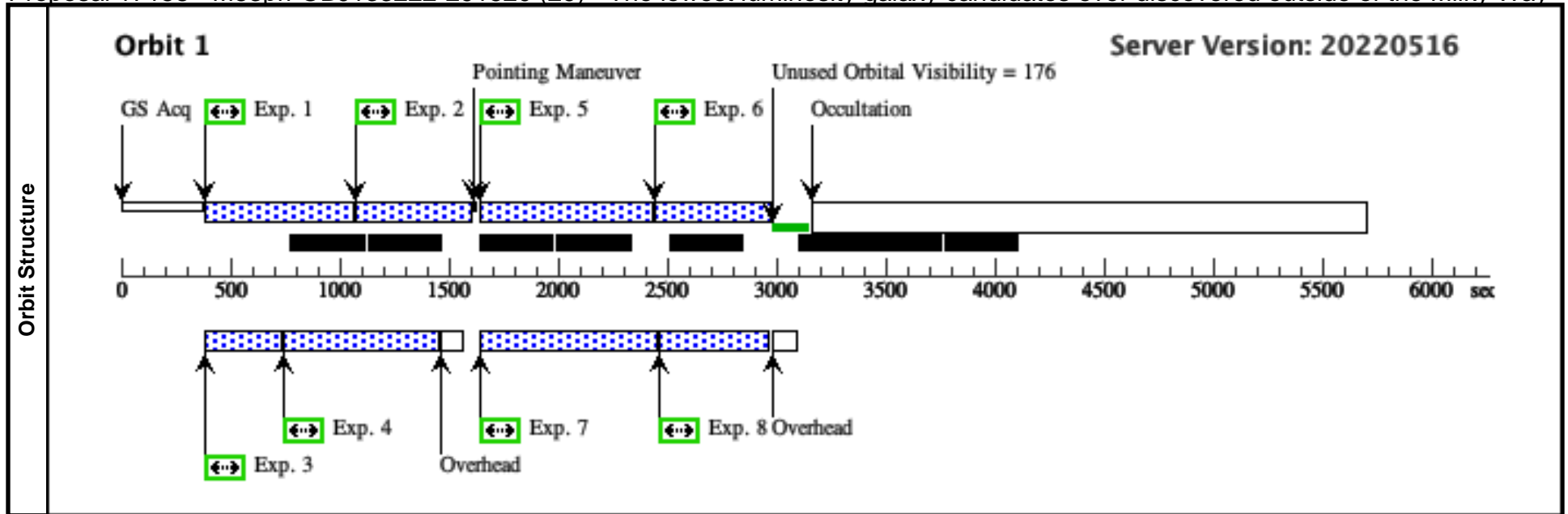
Visit	<b>Proposal 17158, M83pri-OB133450-300253 (27)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(301)	OBJ-133450-300253 Alt Name1: C20371-3005	RA: 13 34 49.7508 (203.7072950d) Dec: -30 02 53.47 (-30.04819d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M83 candidate; priority</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(301) OBJ-133450-300253	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,-15	Prime + Parallel Group 1-4 in M83pri-OB133450-300253 (27)	470 Secs (470 Secs) [==>]	[1]
	2		(301) OBJ-133450-300253	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M83pri-OB133450-300253 (27)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M83pri-OB133450-300253 (27)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M83pri-OB133450-300253 (27)	685 Secs (685 Secs) [==>]	[1]
	5		(301) OBJ-133450-300253	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,-12	Prime + Parallel Group 5-8 in M83pri-OB133450-300253 (27)	670 Secs (670 Secs) [==>]	[1]
	6		(301) OBJ-133450-300253	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M83pri-OB133450-300253 (27)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M83pri-OB133450-300253 (27)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M83pri-OB133450-300253 (27)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M83pri-OBJ133222-291520 (29) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

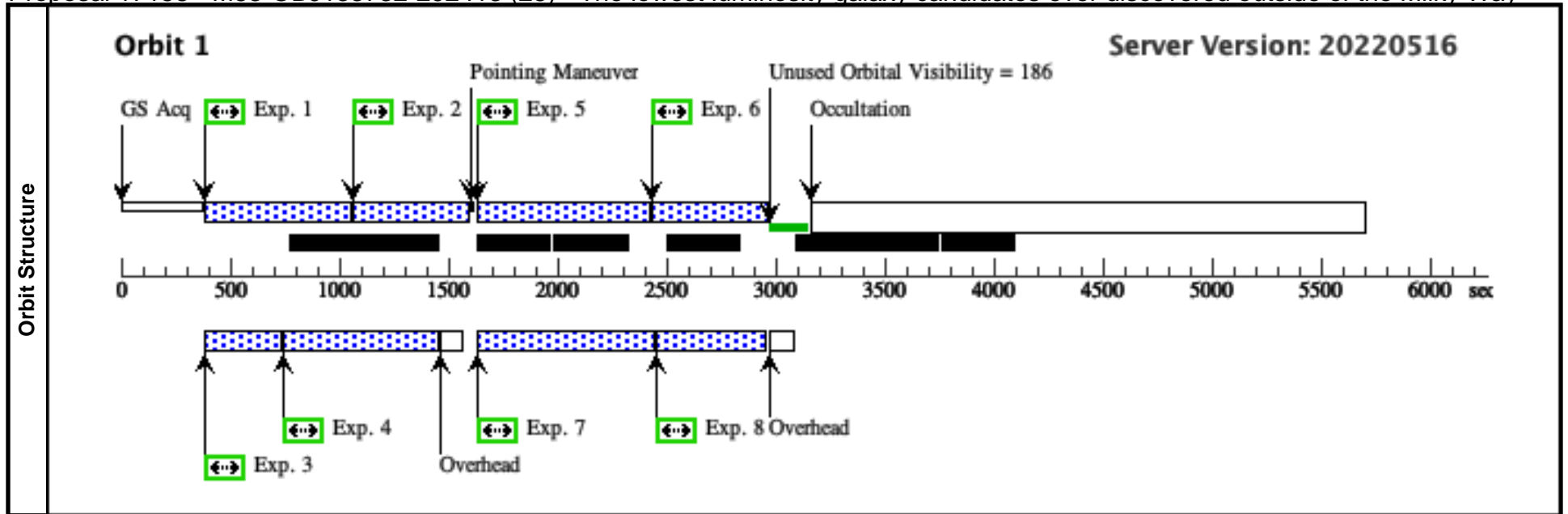
Visit	<b>Proposal 17158, M83pri-OBJ133222-291520 (29)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(302)	OBJ-133222-291520 Alt Name1: C20309-2926	RA: 13 32 22.4144 (203.0933933d) Dec: -29 15 20.14 (-29.25559d) Equinox: J2000		V=22	Reference Frame: ICRS				
	Comments: M83 candidate; priority Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(302) OBJ-133222-291520	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M83pri-OBJ133222-291520 (29)	470 Secs (470 Secs) [==>]	[1]
	2		(302) OBJ-133222-291520	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M83pri-OBJ133222-291520 (29)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M83pri-OBJ133222-291520 (29)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M83pri-OBJ133222-291520 (29)	685 Secs (685 Secs) [==>]	[1]
	5		(302) OBJ-133222-291520	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M83pri-OBJ133222-291520 (29)	670 Secs (670 Secs) [==>]	[1]
	6		(302) OBJ-133222-291520	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M83pri-OBJ133222-291520 (29)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M83pri-OBJ133222-291520 (29)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M83pri-OBJ133222-291520 (29)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M83-OBJ133732-292413 (28) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

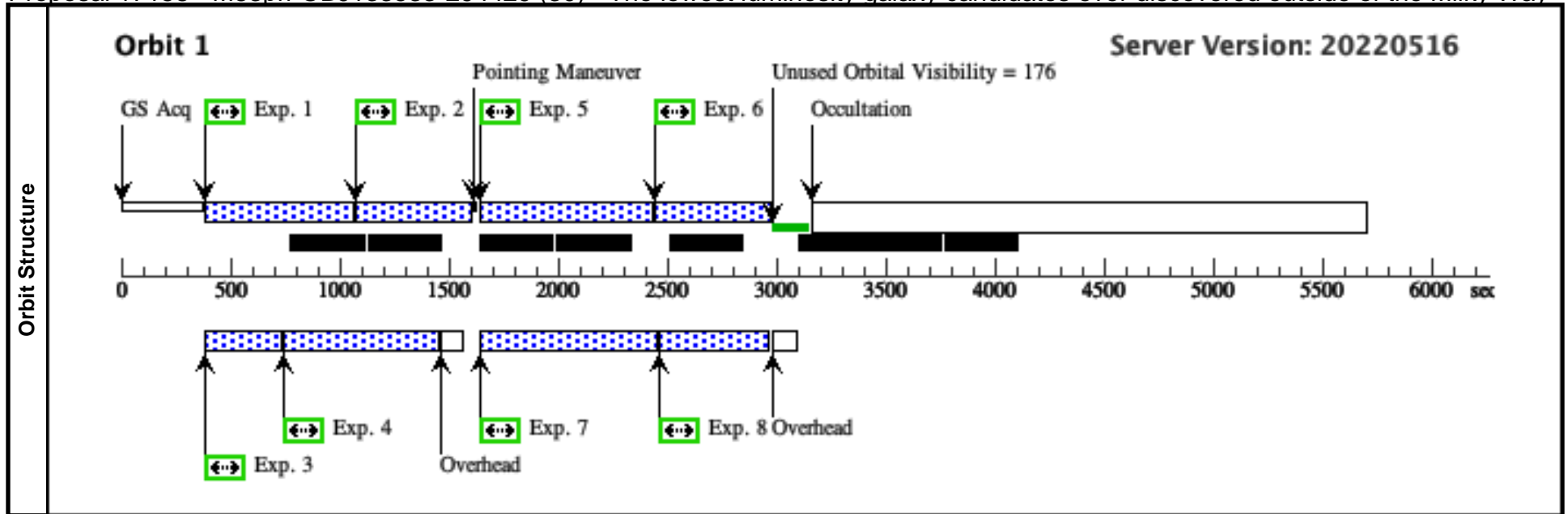
Visit	<b>Proposal 17158, M83-OBJ133732-292413 (28)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(303)	OBJ-133732-292413 Alt Name1: C20438-2940	RA: 13 37 31.6226 (204.3817608d) Dec: -29 24 12.99 (-29.40361d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M83 candidate</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(303) OBJ-133732-292413	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M83-OBJ133732-292413 (28)	460 Secs (460 Secs) [==>]	[1]
	2		(303) OBJ-133732-292413	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M83-OBJ133732-292413 (28)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M83-OBJ133732-292413 (28)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M83-OBJ133732-292413 (28)	685 Secs (685 Secs) [==>]	[1]
	5		(303) OBJ-133732-292413	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M83-OBJ133732-292413 (28)	670 Secs (670 Secs) [==>]	[1]
	6		(303) OBJ-133732-292413	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M83-OBJ133732-292413 (28)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M83-OBJ133732-292413 (28)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M83-OBJ133732-292413 (28)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M83pri-OB133533-294429 (30) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

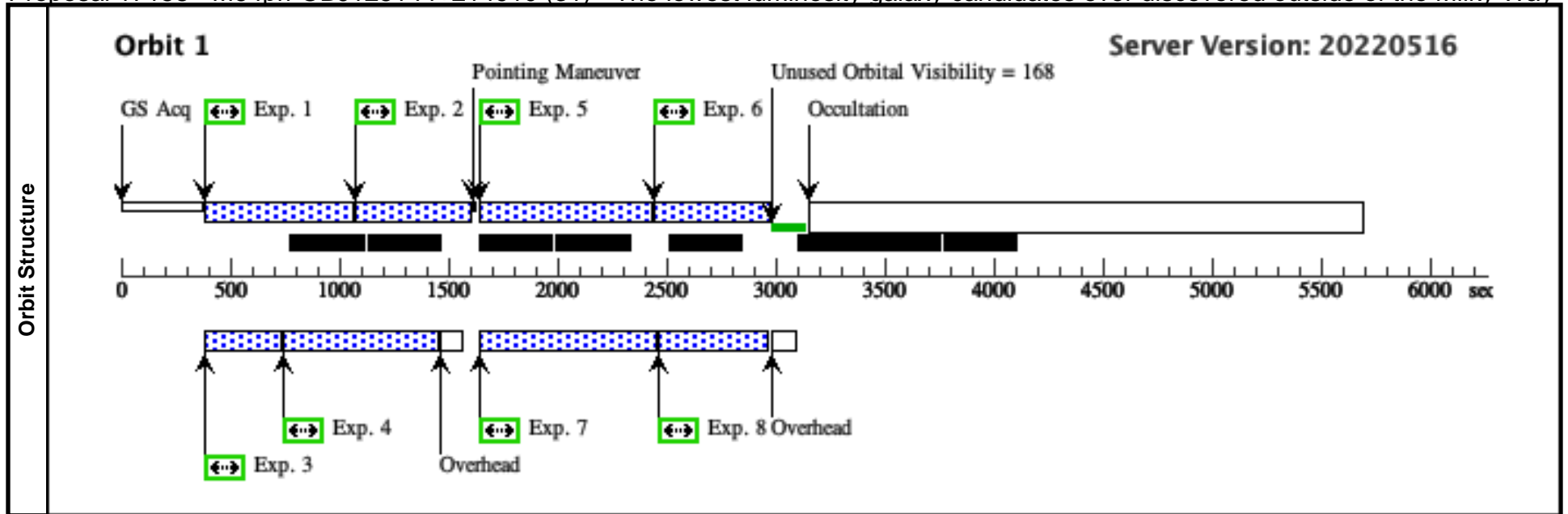
Visit	<b>Proposal 17158, M83pri-OB133533-294429 (30)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(304)	OBJ-133533-294429 Alt Name1: C20389-2974	RA: 13 35 32.6964 (203.8862350d) Dec: -29 44 29.09 (-29.74141d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M83 candidate; priority</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(304) OBJ-133533-294429	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,-15	Prime + Parallel Group 1-4 in M83pri-OB133533-294429 (30)	470 Secs (470 Secs) [==>]	[1]
	2		(304) OBJ-133533-294429	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M83pri-OB133533-294429 (30)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M83pri-OB133533-294429 (30)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M83pri-OB133533-294429 (30)	685 Secs (685 Secs) [==>]	[1]
	5		(304) OBJ-133533-294429	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,-12	Prime + Parallel Group 5-8 in M83pri-OB133533-294429 (30)	670 Secs (670 Secs) [==>]	[1]
	6		(304) OBJ-133533-294429	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M83pri-OB133533-294429 (30)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M83pri-OB133533-294429 (30)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M83pri-OB133533-294429 (30)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64pri-OBJ125144+214910 (31) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

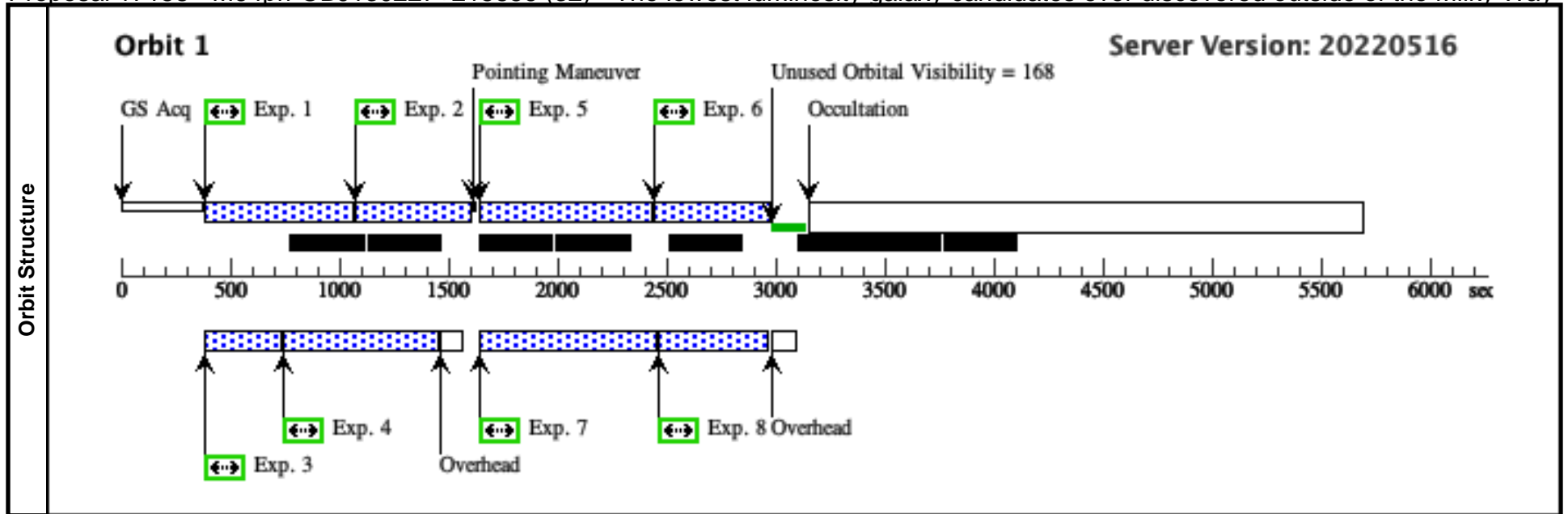
Visit	<b>Proposal 17158, M64pri-OBJ125144+214910 (31)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(401)	OBJ-125144+214910 Alt Name1: C19293+2182	RA: 12 51 44.0213 (192.9334221d) Dec: +21 49 9.45 (21.81929d) Equinox: J2000		V=22	Reference Frame: ICRS				
	Comments: M64 candidate; priority Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(401) OBJ-125144+214910	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,20	Prime + Parallel Group 1-4 in M64pri-OBJ125144+214910 (31)	470 Secs (470 Secs) [==>]	[1]
	2		(401) OBJ-125144+214910	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M64pri-OBJ125144+214910 (31)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64pri-OBJ125144+214910 (31)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64pri-OBJ125144+214910 (31)	685 Secs (685 Secs) [==>]	[1]
	5		(401) OBJ-125144+214910	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,23	Prime + Parallel Group 5-8 in M64pri-OBJ125144+214910 (31)	670 Secs (670 Secs) [==>]	[1]
	6		(401) OBJ-125144+214910	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M64pri-OBJ125144+214910 (31)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64pri-OBJ125144+214910 (31)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64pri-OBJ125144+214910 (31)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64pri-OBJ130227+215856 (32) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

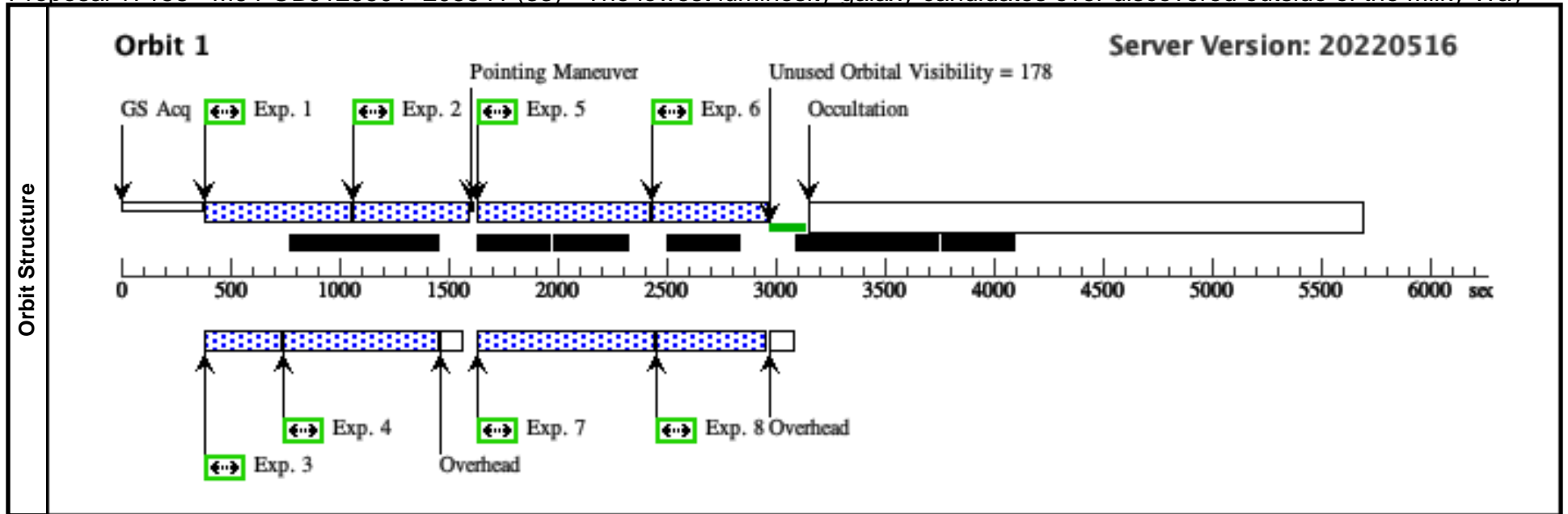
Visit	<b>Proposal 17158, M64pri-OBJ130227+215856 (32)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(402)	OBJ-130227+215856 Alt Name1: C19561+2198	RA: 13 02 26.5864 (195.6107767d) Dec: +21 58 56.16 (21.98227d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M64 candidate; priority</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(402) OBJ-130227+215856	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,-15	Prime + Parallel Group 1-4 in M64pri-OBJ130227+215856 (32)	470 Secs (470 Secs) [==>]	[1]
	2		(402) OBJ-130227+215856	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M64pri-OBJ130227+215856 (32)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64pri-OBJ130227+215856 (32)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64pri-OBJ130227+215856 (32)	685 Secs (685 Secs) [==>]	[1]
	5		(402) OBJ-130227+215856	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,-12	Prime + Parallel Group 5-8 in M64pri-OBJ130227+215856 (32)	670 Secs (670 Secs) [==>]	[1]
	6		(402) OBJ-130227+215856	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M64pri-OBJ130227+215856 (32)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64pri-OBJ130227+215856 (32)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64pri-OBJ130227+215856 (32)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64-OBJ125501+205541 (33) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

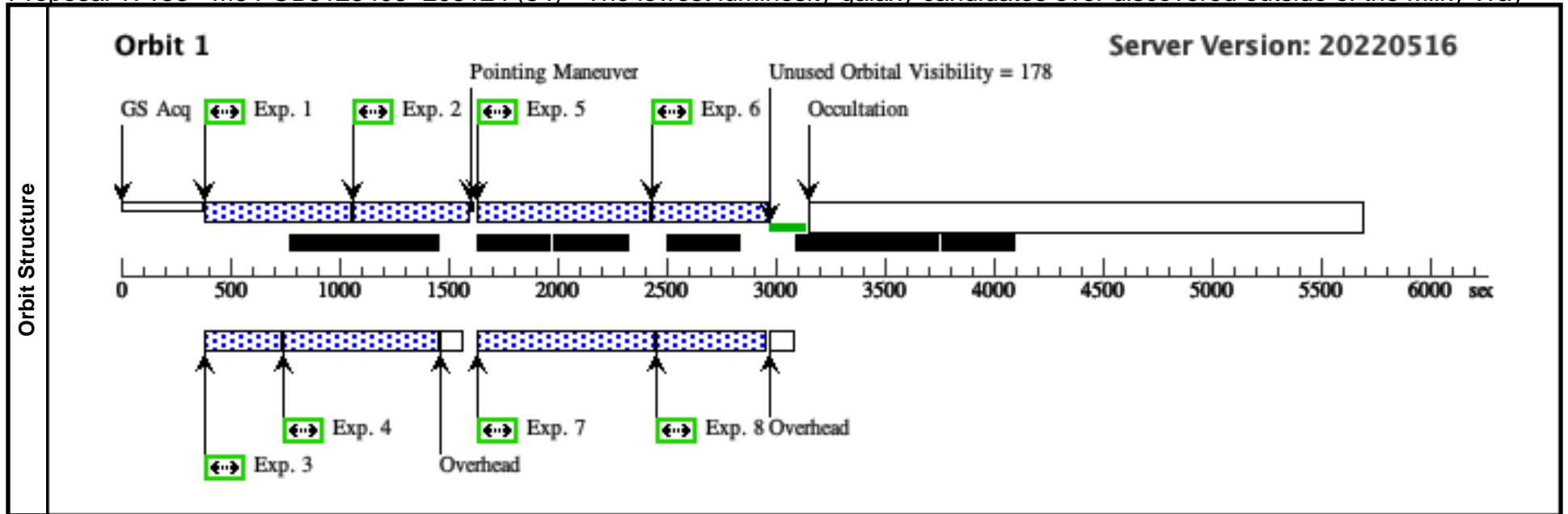
Visit	<b>Proposal 17158, M64-OBJ125501+205541 (33)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(403)	OBJ-125501+205541 Alt Name1: C19375+2093	RA: 12 55 0.6712 (193.7527967d) Dec: +20 55 40.89 (20.92803d) Equinox: J2000		V=22	Reference Frame: ICRS				
	Comments: M64 candidate Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(403) OBJ-125501+205541	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M64-OBJ125501+205541 (33)	460 Secs (460 Secs) [==>]	[1]
	2		(403) OBJ-125501+205541	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M64-OBJ125501+205541 (33)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64-OBJ125501+205541 (33)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64-OBJ125501+205541 (33)	685 Secs (685 Secs) [==>]	[1]
	5		(403) OBJ-125501+205541	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M64-OBJ125501+205541 (33)	670 Secs (670 Secs) [==>]	[1]
	6		(403) OBJ-125501+205541	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M64-OBJ125501+205541 (33)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64-OBJ125501+205541 (33)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64-OBJ125501+205541 (33)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64-OBJ125403+205124 (34) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

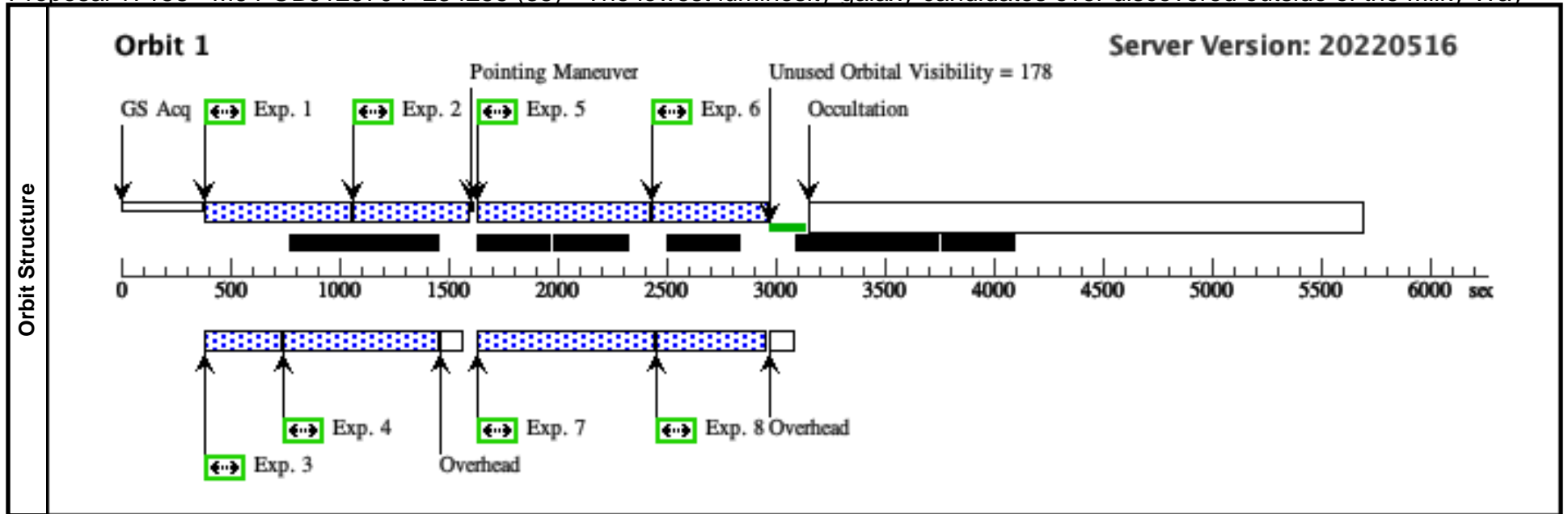
Visit	<b>Proposal 17158, M64-OBJ125403+205124 (34)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(404)	OBJ-125403+205124 Alt Name1: C19351+2086	RA: 12 54 3.4520 (193.5143833d) Dec: +20 51 24.20 (20.85672d) Equinox: J2000		V=22	Reference Frame: ICRS				
	Comments: M64 candidate Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(404) OBJ-125403+205124	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,-10	Prime + Parallel Group 1-4 in M64-OBJ125403+205124 (34)	460 Secs (460 Secs) [==>]	[1]
	2		(404) OBJ-125403+205124	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M64-OBJ125403+205124 (34)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64-OBJ125403+205124 (34)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64-OBJ125403+205124 (34)	685 Secs (685 Secs) [==>]	[1]
	5		(404) OBJ-125403+205124	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,-7	Prime + Parallel Group 5-8 in M64-OBJ125403+205124 (34)	670 Secs (670 Secs) [==>]	[1]
	6		(404) OBJ-125403+205124	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M64-OBJ125403+205124 (34)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64-OBJ125403+205124 (34)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64-OBJ125403+205124 (34)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64-OBJ125704+234255 (35) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

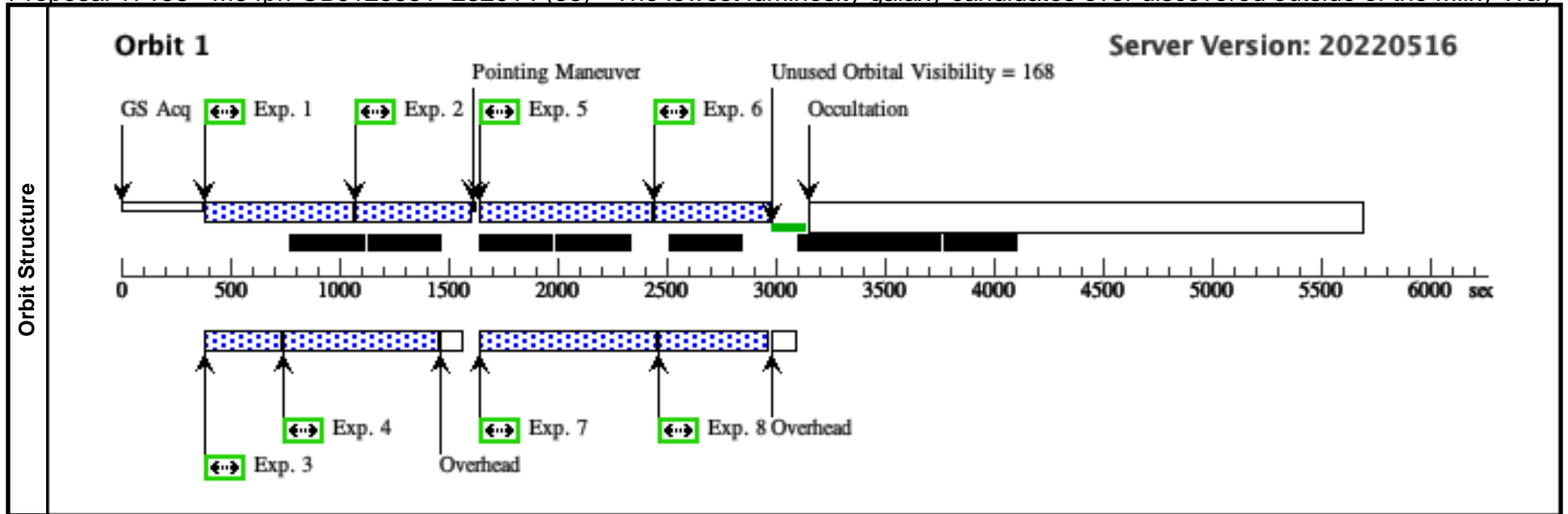
Visit	<b>Proposal 17158, M64-OBJ125704+234255 (35)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(405)	OBJ-125704+234255 Alt Name1: C19427+2372	RA: 12 57 3.9885 (194.2666187d) Dec: +23 42 54.53 (23.71515d) Equinox: J2000		V=22	Reference Frame: ICRS				
	Comments: M64 candidate Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(405) OBJ-125704+234255	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M64-OBJ125704+234255 (35)	460 Secs (460 Secs) [==>]	[1]
	2		(405) OBJ-125704+234255	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M64-OBJ125704+234255 (35)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64-OBJ125704+234255 (35)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64-OBJ125704+234255 (35)	685 Secs (685 Secs) [==>]	[1]
	5		(405) OBJ-125704+234255	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M64-OBJ125704+234255 (35)	670 Secs (670 Secs) [==>]	[1]
	6		(405) OBJ-125704+234255	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M64-OBJ125704+234255 (35)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64-OBJ125704+234255 (35)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64-OBJ125704+234255 (35)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64pri-OBJ125851+232914 (36) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

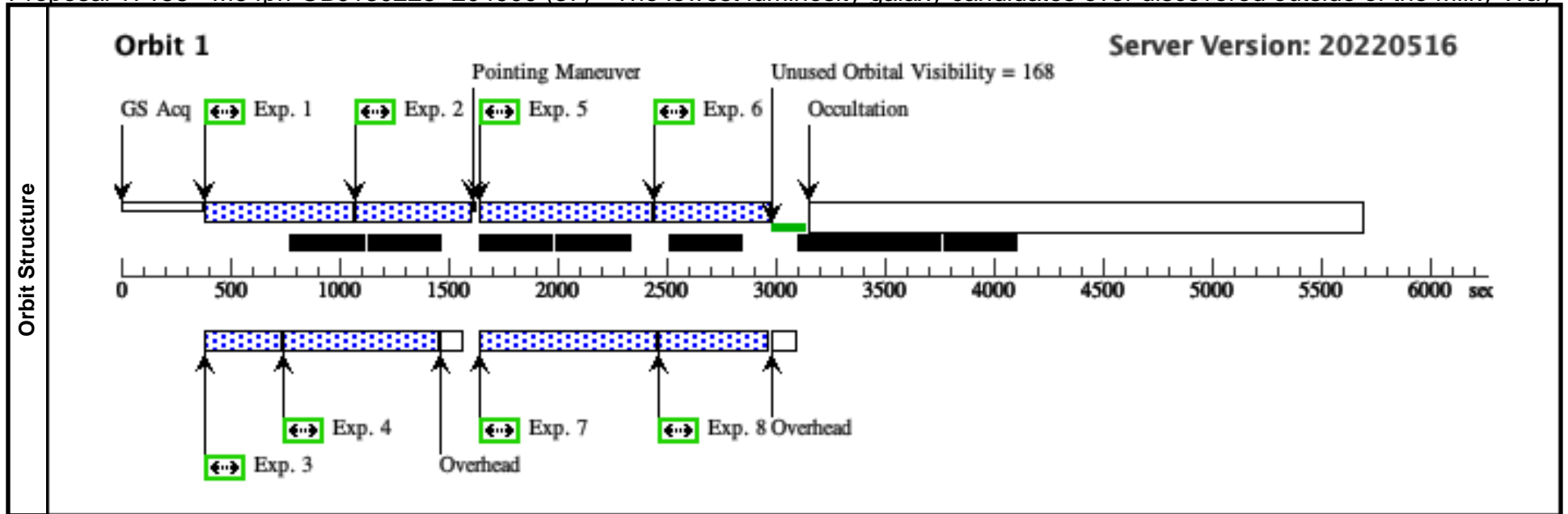
Visit	<b>Proposal 17158, M64pri-OBJ125851+232914 (36)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(406)	OBJ-125851+232914 Alt Name1: C19471+2349	RA: 12 58 50.8634 (194.7119308d) Dec: +23 29 14.05 (23.48724d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M64 candidate, diffuse light; also dw1258+2329; priority</i> Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(406) OBJ-125851+232914	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,20	Prime + Parallel Group 1-4 in M64pri-OBJ125851+232914 (36)	470 Secs (470 Secs) [==>]	[1]
	2		(406) OBJ-125851+232914	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M64pri-OBJ125851+232914 (36)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64pri-OBJ125851+232914 (36)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64pri-OBJ125851+232914 (36)	685 Secs (685 Secs) [==>]	[1]
	5		(406) OBJ-125851+232914	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,23	Prime + Parallel Group 5-8 in M64pri-OBJ125851+232914 (36)	670 Secs (670 Secs) [==>]	[1]
	6		(406) OBJ-125851+232914	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M64pri-OBJ125851+232914 (36)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64pri-OBJ125851+232914 (36)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64pri-OBJ125851+232914 (36)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64pri-OBJ130228+204900 (37) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

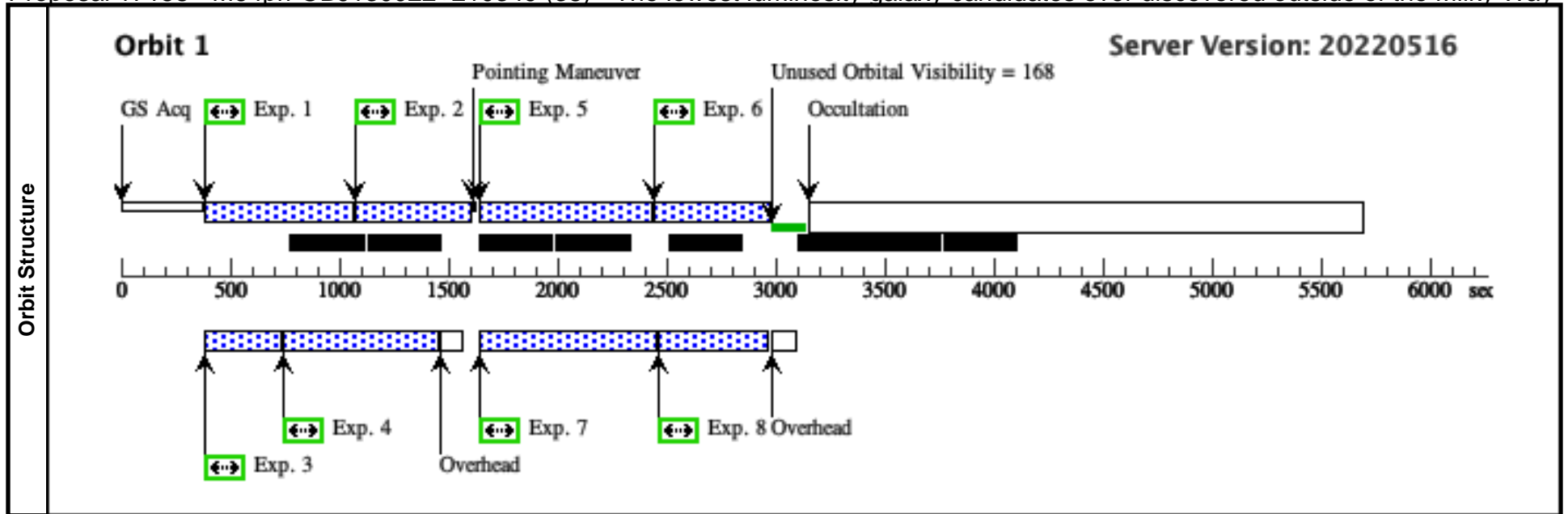
Visit	<b>Proposal 17158, M64pri-OBJ130228+204900 (37)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(407)	OBJ-130228+204900	RA: 13 02 27.9745 (195.6165604d)		V=22	Reference Frame: ICRS				
		Alt Name1: ASC19562+2082	Dec: +20 48 59.59 (20.81655d)	Equinox: J2000						
	Comments: M64 candidate; diffuse light; priority Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(407) OBJ-130228+204900	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,20	Prime + Parallel Group 1-4 in M64pri-OBJ130228+204900 (37)	470 Secs (470 Secs) [==>]	[1]
	2		(407) OBJ-130228+204900	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M64pri-OBJ130228+204900 (37)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64pri-OBJ130228+204900 (37)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64pri-OBJ130228+204900 (37)	685 Secs (685 Secs) [==>]	[1]
	5		(407) OBJ-130228+204900	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,23	Prime + Parallel Group 5-8 in M64pri-OBJ130228+204900 (37)	670 Secs (670 Secs) [==>]	[1]
	6		(407) OBJ-130228+204900	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M64pri-OBJ130228+204900 (37)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64pri-OBJ130228+204900 (37)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64pri-OBJ130228+204900 (37)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64pri-OBJ130022+210349 (38) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

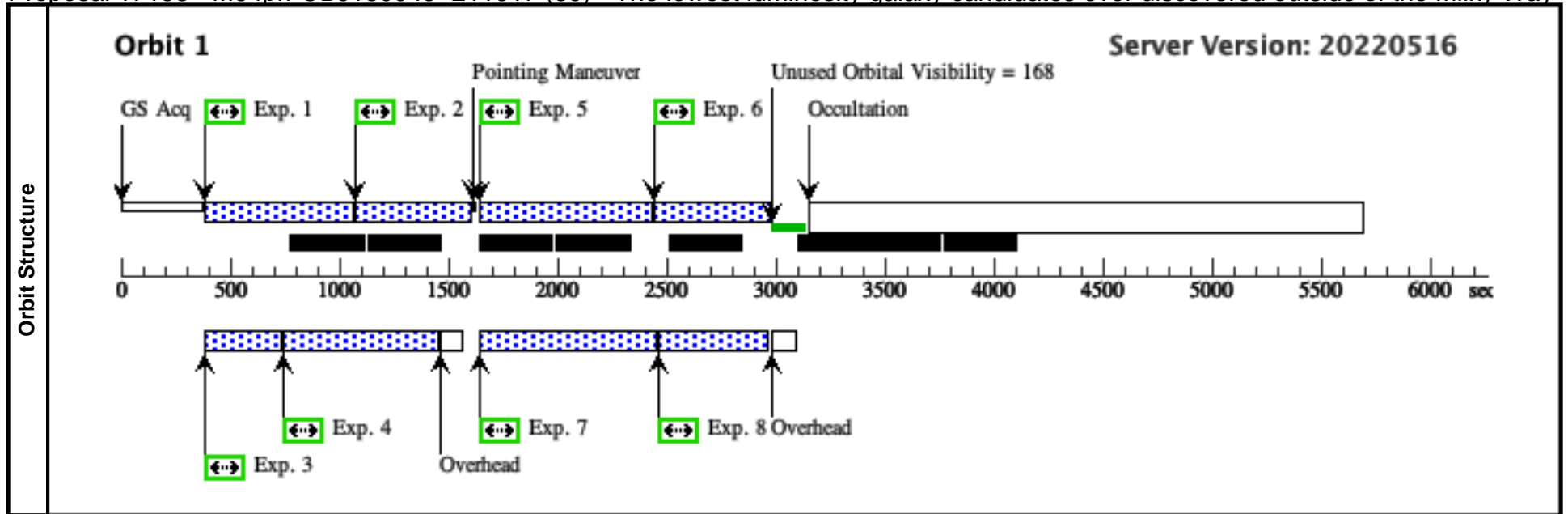
Visit	<b>Proposal 17158, M64pri-OBJ130022+210349 (38)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(408)	OBJ-130022+210349	RA: 13 00 22.1038 (195.0920992d) Dec: +21 03 48.90 (21.06358d) Equinox: J2000		V=22	Reference Frame: ICRS				
	Comments: M64 candidate; diffuse light; priority Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(408) OBJ-130022+210349	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,20	Prime + Parallel Group 1-4 in M64pri-OBJ130022+210349 (38)	470 Secs (470 Secs) [==>]	[1]
	2		(408) OBJ-130022+210349	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M64pri-OBJ130022+210349 (38)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64pri-OBJ130022+210349 (38)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64pri-OBJ130022+210349 (38)	685 Secs (685 Secs) [==>]	[1]
	5		(408) OBJ-130022+210349	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,23	Prime + Parallel Group 5-8 in M64pri-OBJ130022+210349 (38)	670 Secs (670 Secs) [==>]	[1]
	6		(408) OBJ-130022+210349	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M64pri-OBJ130022+210349 (38)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64pri-OBJ130022+210349 (38)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64pri-OBJ130022+210349 (38)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64pri-OB130045+211917 (39) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

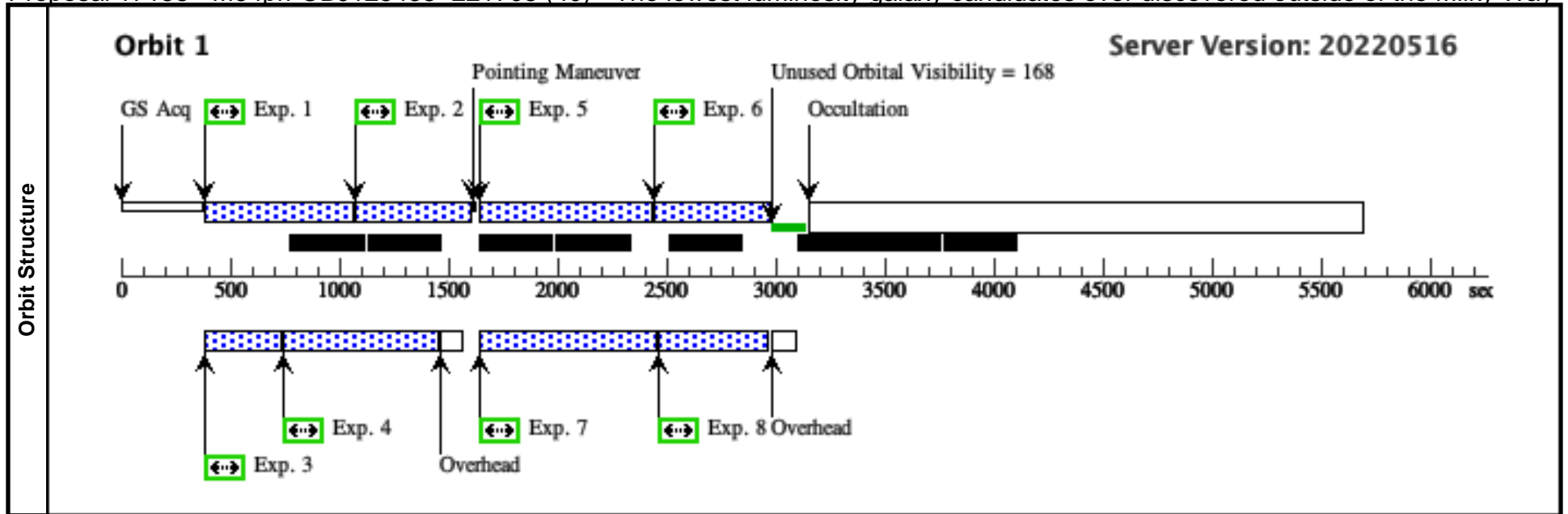
Visit	<b>Proposal 17158, M64pri-OB130045+211917 (39)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(409)	OBJ-130045+211917 Alt Name1: ASC19519+2132	RA: 13 00 44.9961 (195.1874838d) Dec: +21 19 17.34 (21.32148d) Equinox: J2000		V=22	Reference Frame: ICRS				
	Comments: M64 candidate; diffuse light; priority Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(409) OBJ-130045+211917	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,20	Prime + Parallel Group 1-4 in M64pri-OB130045+211917 (39)	470 Secs (470 Secs) [==>]	[1]
	2		(409) OBJ-130045+211917	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M64pri-OB130045+211917 (39)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64pri-OB130045+211917 (39)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64pri-OB130045+211917 (39)	685 Secs (685 Secs) [==>]	[1]
	5		(409) OBJ-130045+211917	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,23	Prime + Parallel Group 5-8 in M64pri-OB130045+211917 (39)	670 Secs (670 Secs) [==>]	[1]
	6		(409) OBJ-130045+211917	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M64pri-OB130045+211917 (39)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64pri-OB130045+211917 (39)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64pri-OB130045+211917 (39)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64pri-OBJ125438+221708 (40) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

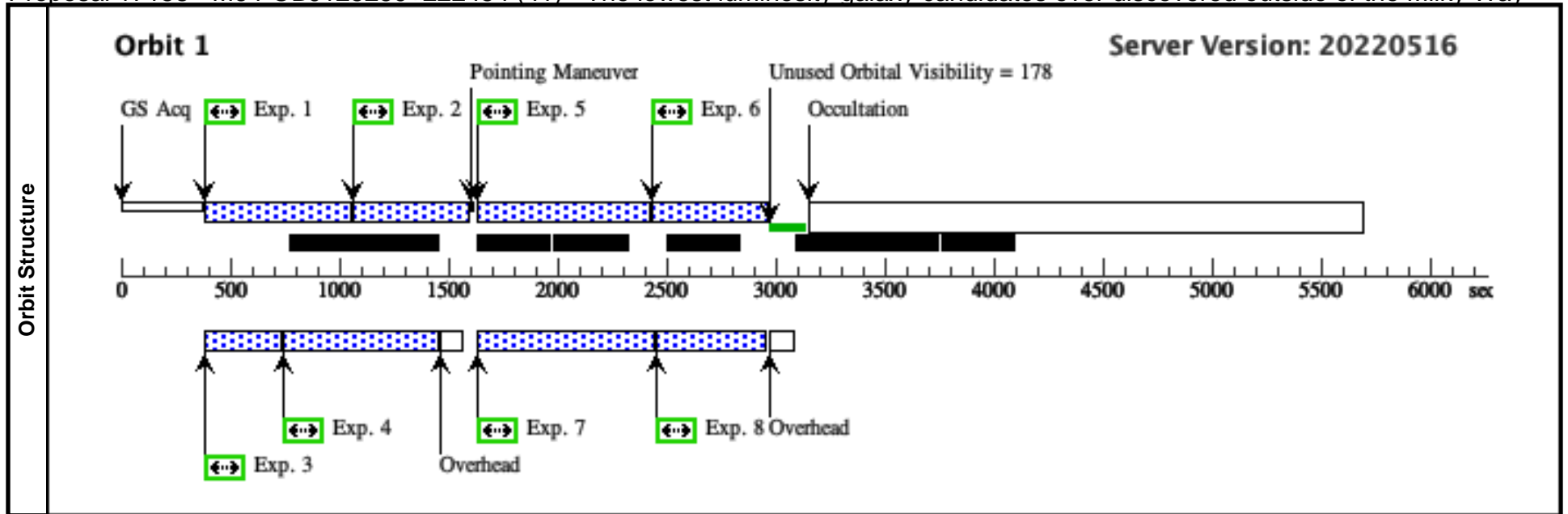
Visit	<b>Proposal 17158, M64pri-OBJ125438+221708 (40)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(410)	OBJ-125438+221708 Alt Name1: ASC19366+2229	RA: 12 54 38.4989 (193.6604121d) Dec: +22 17 7.83 (22.28551d) Equinox: J2000		V=22	Reference Frame: ICRS				
	Comments: M64 candidate; diffuse light; priority Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(410) OBJ-125438+221708	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,20	Prime + Parallel Group 1-4 in M64pri-OBJ125438+221708 (40)	470 Secs (470 Secs) [==>]	[1]
	2		(410) OBJ-125438+221708	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M64pri-OBJ125438+221708 (40)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64pri-OBJ125438+221708 (40)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64pri-OBJ125438+221708 (40)	685 Secs (685 Secs) [==>]	[1]
	5		(410) OBJ-125438+221708	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,23	Prime + Parallel Group 5-8 in M64pri-OBJ125438+221708 (40)	670 Secs (670 Secs) [==>]	[1]
	6		(410) OBJ-125438+221708	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M64pri-OBJ125438+221708 (40)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64pri-OBJ125438+221708 (40)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64pri-OBJ125438+221708 (40)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64-OBJ125259+222454 (41) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

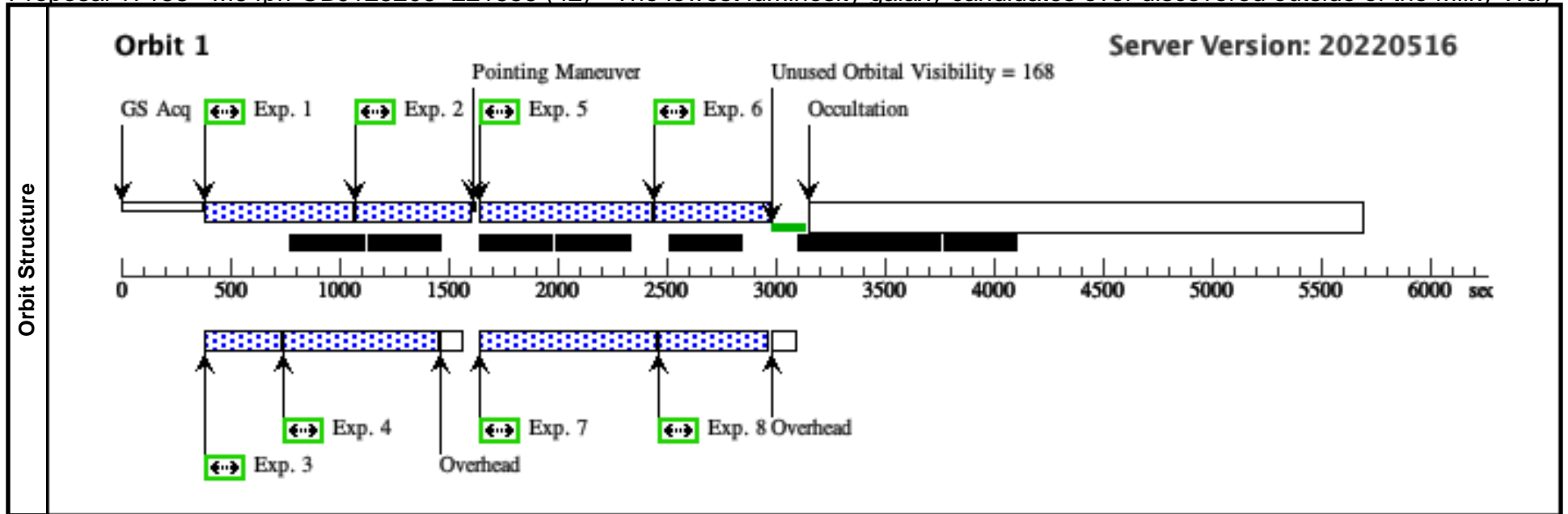
Visit		Proposal 17158, M64-OBJ125259+222454 (41)								
		<b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(411)	OBJ-125259+222454	RA: 12 52 59.2594 (193.2469142d) Dec: +22 24 53.85 (22.41496d) Equinox: J2000		V=22	Reference Frame: ICRS				
		Alt Name1: ASC19325+2241 Alt Name2: SDSSJ125259.08+22245 5.9 Comments: M64 candidate; diffuse light; SDSS J125259.08+222455.9 Category=GALAXY Description=[DWARF SPHEROIDAL]								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(411) OBJ-125259+222454	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,20	Prime + Parallel Group 1-4 in M64-OBJ125259+222454 (41)	460 Secs (460 Secs) [==>]	[1]
	2		(411) OBJ-125259+222454	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M64-OBJ125259+222454 (41)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64-OBJ125259+222454 (41)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64-OBJ125259+222454 (41)	685 Secs (685 Secs) [==>]	[1]
	5		(411) OBJ-125259+222454	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,23	Prime + Parallel Group 5-8 in M64-OBJ125259+222454 (41)	670 Secs (670 Secs) [==>]	[1]
	6		(411) OBJ-125259+222454	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M64-OBJ125259+222454 (41)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64-OBJ125259+222454 (41)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64-OBJ125259+222454 (41)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64pri-OBJ125206+221556 (42) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:06:59 GMT 2022

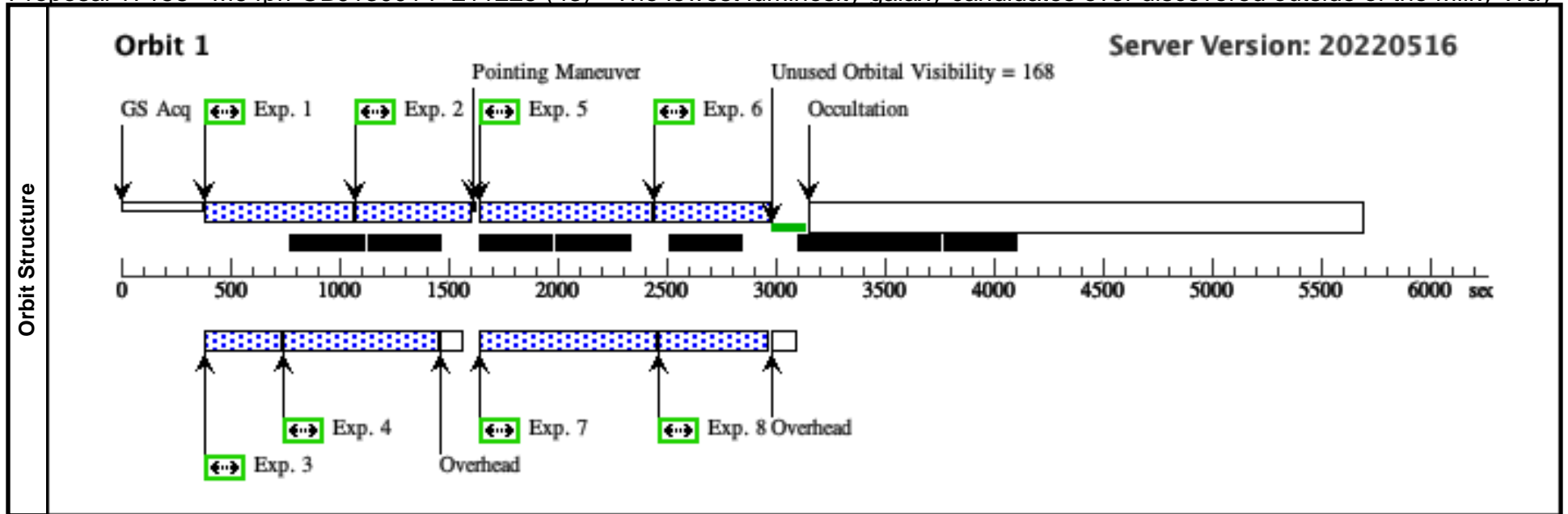
Visit	<b>Proposal 17158, M64pri-OBJ125206+221556 (42)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(412)	OBJ-125206+221556	RA: 12 52 5.5826 (193.0232608d)		V=22	Reference Frame: ICRS				
		Alt Name1: ASC19302+2227	Dec: +22 15 56.17 (22.26560d)	Equinox: J2000						
	<i>Comments: M64 candidate; priority</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(412) OBJ-125206+221556	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,15	Prime + Parallel Group 1-4 in M64pri-OBJ125206+221556 (42)	470 Secs (470 Secs) [==>]	[1]
	2		(412) OBJ-125206+221556	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M64pri-OBJ125206+221556 (42)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64pri-OBJ125206+221556 (42)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64pri-OBJ125206+221556 (42)	685 Secs (685 Secs) [==>]	[1]
	5		(412) OBJ-125206+221556	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,18	Prime + Parallel Group 5-8 in M64pri-OBJ125206+221556 (42)	670 Secs (670 Secs) [==>]	[1]
	6		(412) OBJ-125206+221556	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M64pri-OBJ125206+221556 (42)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64pri-OBJ125206+221556 (42)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64pri-OBJ125206+221556 (42)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64pri-OBJ130014+211225 (43) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

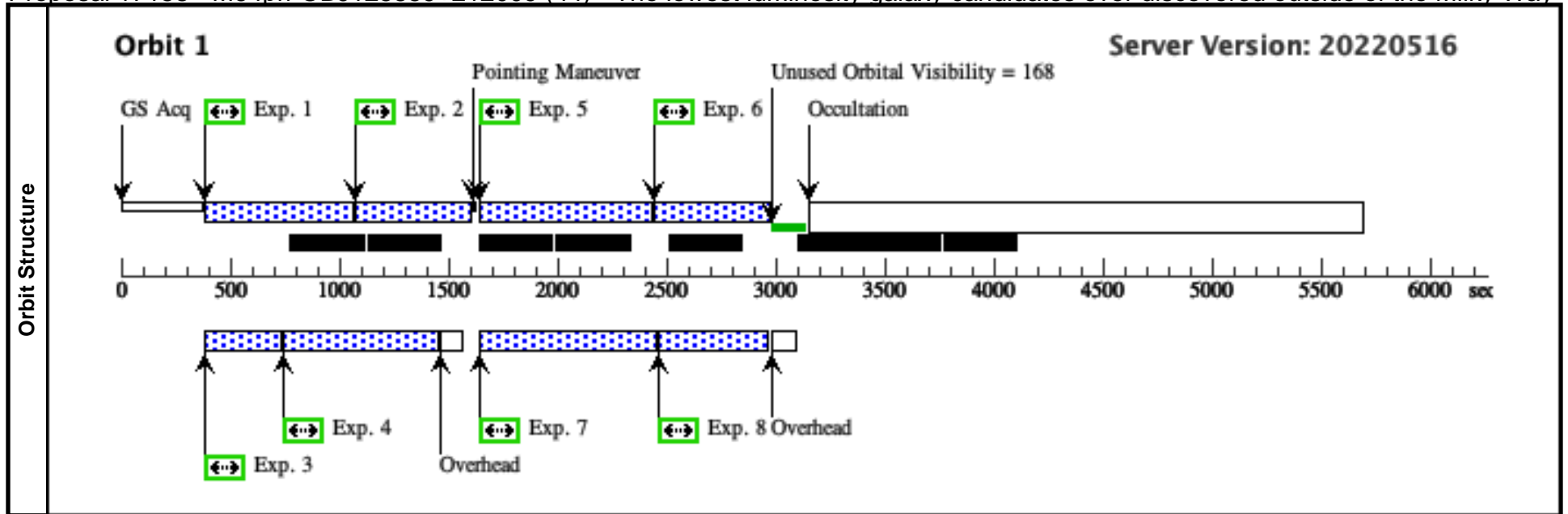
Visit	<b>Proposal 17158, M64pri-OBJ130014+211225 (43)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(413)	OBJ-130014+211225 Alt Name1: DC19506+2121	RA: 13 00 14.2807 (195.0595029d) Dec: +21 12 25.47 (21.20707d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M64 candidate; from deep coverage; UCD?; priority</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(413) OBJ-130014+211225	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,20	Prime + Parallel Group 1-4 in M64pri-OBJ130014+211225 (43)	470 Secs (470 Secs) [==>]	[1]
	2		(413) OBJ-130014+211225	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M64pri-OBJ130014+211225 (43)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64pri-OBJ130014+211225 (43)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64pri-OBJ130014+211225 (43)	685 Secs (685 Secs) [==>]	[1]
	5		(413) OBJ-130014+211225	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,23	Prime + Parallel Group 5-8 in M64pri-OBJ130014+211225 (43)	670 Secs (670 Secs) [==>]	[1]
	6		(413) OBJ-130014+211225	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M64pri-OBJ130014+211225 (43)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64pri-OBJ130014+211225 (43)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64pri-OBJ130014+211225 (43)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64pri-OBJ125859+212009 (44) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

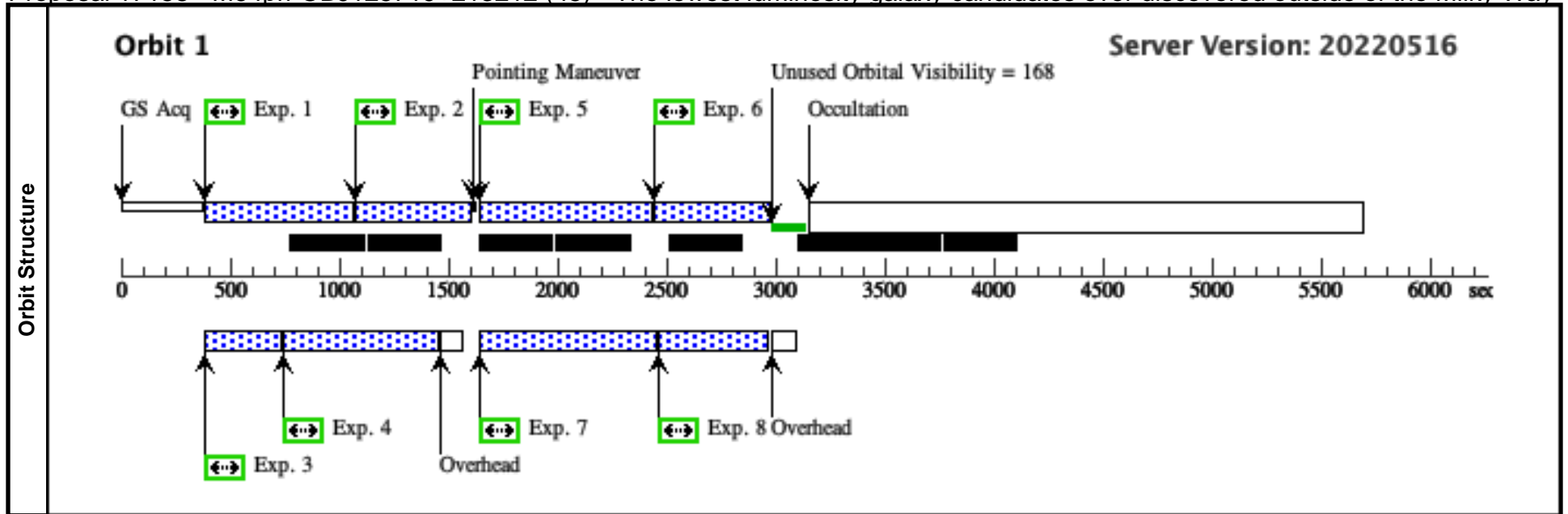
Visit	<b>Proposal 17158, M64pri-OBJ125859+212009 (44)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(414)	OBJ-125859+212009	RA: 12 58 59.2490 (194.7468708d)		V=22	Reference Frame: ICRS				
		Alt Name1: DC19475+2134	Dec: +21 20 8.81 (21.33578d)	Equinox: J2000						
	Comments: M64 candidate; from deep coverage; priority Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(414) OBJ-125859+212009	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,20	Prime + Parallel Group 1-4 in M64pri-OBJ125859+212009 (44)	470 Secs (470 Secs) [==>]	[1]
	2		(414) OBJ-125859+212009	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	SAME POS AS 1	Prime + Parallel Group 1-4 in M64pri-OBJ125859+212009 (44)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64pri-OBJ125859+212009 (44)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64pri-OBJ125859+212009 (44)	685 Secs (685 Secs) [==>]	[1]
	5		(414) OBJ-125859+212009	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,23	Prime + Parallel Group 5-8 in M64pri-OBJ125859+212009 (44)	670 Secs (670 Secs) [==>]	[1]
	6		(414) OBJ-125859+212009	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	SAME POS AS 5	Prime + Parallel Group 5-8 in M64pri-OBJ125859+212009 (44)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64pri-OBJ125859+212009 (44)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64pri-OBJ125859+212009 (44)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64pri-OBJ125719+213212 (45) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

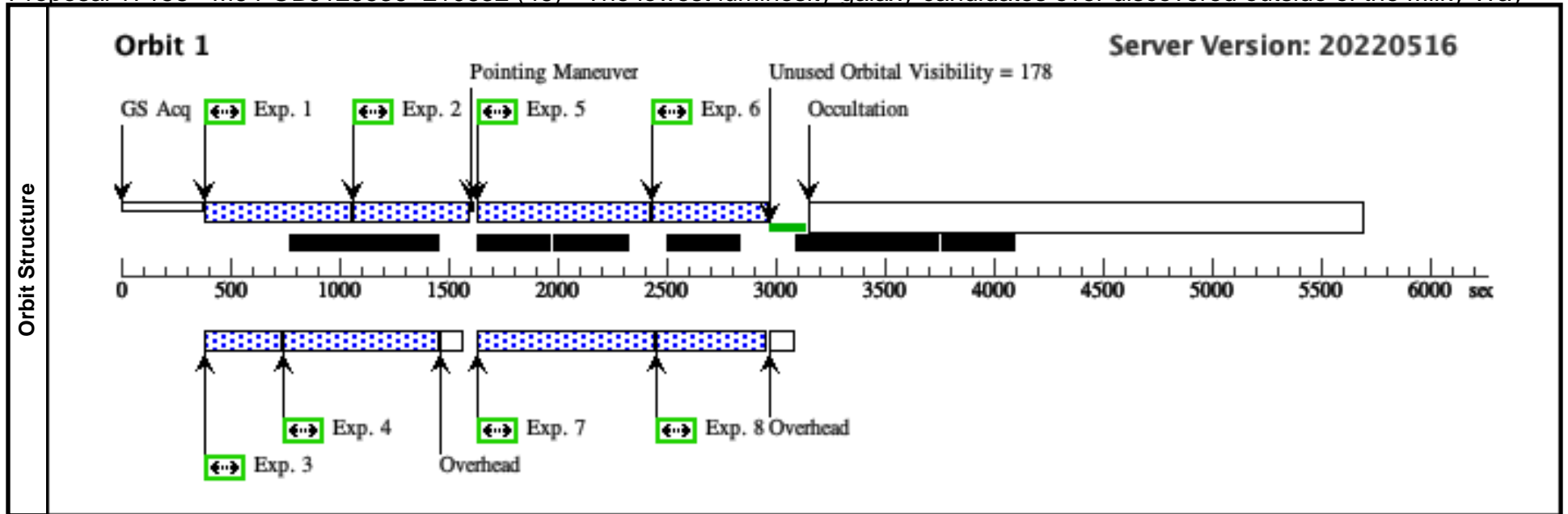
Visit	<b>Proposal 17158, M64pri-OBJ125719+213212 (45)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(415)	OBJ-125719+213212	RA: 12 57 18.9509 (194.3289621d)		V=22	Reference Frame: ICRS				
		Alt Name1: DC19433+2154	Dec: +21 32 11.88 (21.53663d)	Equinox: J2000						
	Comments: M64 candidate; from deep coverage; close to M64; priority Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(415) OBJ-125719+213212	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M64pri-OBJ125719+213212 (45)	470 Secs (470 Secs) [==>]	[1]
	2		(415) OBJ-125719+213212	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M64pri-OBJ125719+213212 (45)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64pri-OBJ125719+213212 (45)	200 Secs (200 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64pri-OBJ125719+213212 (45)	685 Secs (685 Secs) [==>]	[1]
	5		(415) OBJ-125719+213212	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M64pri-OBJ125719+213212 (45)	670 Secs (670 Secs) [==>]	[1]
	6		(415) OBJ-125719+213212	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M64pri-OBJ125719+213212 (45)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64pri-OBJ125719+213212 (45)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64pri-OBJ125719+213212 (45)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M64-OBJ125536+210632 (46) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

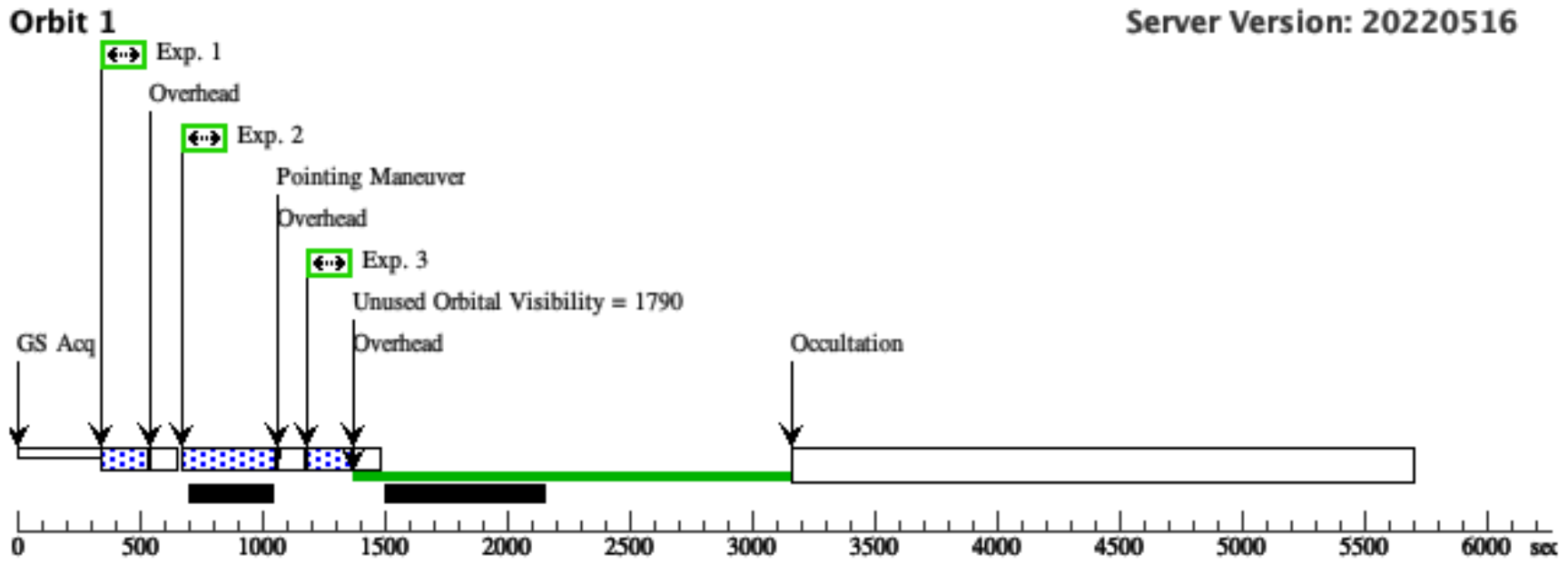
Visit	<b>Proposal 17158, M64-OBJ125536+210632 (46)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(416)	OBJ-125536+210632	RA: 12 55 36.1866 (193.9007775d) Dec: +21 06 31.77 (21.10883d) Equinox: J2000		V=22	Reference Frame: ICRS				
	Comments: M64 candidate; from deep coverage Category=GALAXY Description=[DWARF SPHEROIDAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(416) OBJ-125536+210632	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M64-OBJ125536+210632 (46)	460 Secs (460 Secs) [==>]	[1]
	2		(416) OBJ-125536+210632	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO		Prime + Parallel Group 1-4 in M64-OBJ125536+210632 (46)	350 Secs (350 Secs) [==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=9		Prime + Parallel Group 1-4 in M64-OBJ125536+210632 (46)	190 Secs (190 Secs) [==>]	[1]
	4		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=2		Prime + Parallel Group 1-4 in M64-OBJ125536+210632 (46)	685 Secs (685 Secs) [==>]	[1]
	5		(416) OBJ-125536+210632	ACS/WFC, ACCUM, WFCENTER	F606W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M64-OBJ125536+210632 (46)	670 Secs (670 Secs) [==>]	[1]
	6		(416) OBJ-125536+210632	ACS/WFC, ACCUM, WFCENTER	F814W	CR-SPLIT=NO	POS TARG null,3	Prime + Parallel Group 5-8 in M64-OBJ125536+210632 (46)	348 Secs (348 Secs) [==>]	[1]
	7		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Prime + Parallel Group 5-8 in M64-OBJ125536+210632 (46)	677 Secs (677 Secs) [==>]	[1]
	8		ANY	WFC3/UVIS, ACCUM, UVIS-FIX	F814W	CR-SPLIT=NO; FLASH=6		Prime + Parallel Group 5-8 in M64-OBJ125536+210632 (46)	479 Secs (479 Secs) [==>]	[1]



Proposal 17158 - M31pri-OBJ013544+292104 (47) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

<b>Visit</b>	Proposal 17158, M31pri-OBJ013544+292104 (47)									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	OBJ-013544+292104 Alt Name1: C02393+2935	RA: 01 35 44.2674 (23.9344475d) Dec: +29 21 3.99 (29.35111d) Equinox: J2000		V=22	Reference Frame: ICRS				
Comments: M31 candidate; priority Category=GALAXY Description=[DWARF SPHEROIDAL]										
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) OBJ-013544+292104	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12			155 Secs (155 Secs)	
									[==>]	[1]
	2		(1) OBJ-013544+292104	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9			355 Secs (355 Secs)	
								[==>]	[1]	
	3		(1) OBJ-013544+292104	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12	POS TARG null,3		155 Secs (155 Secs)	
								[==>]	[1]	



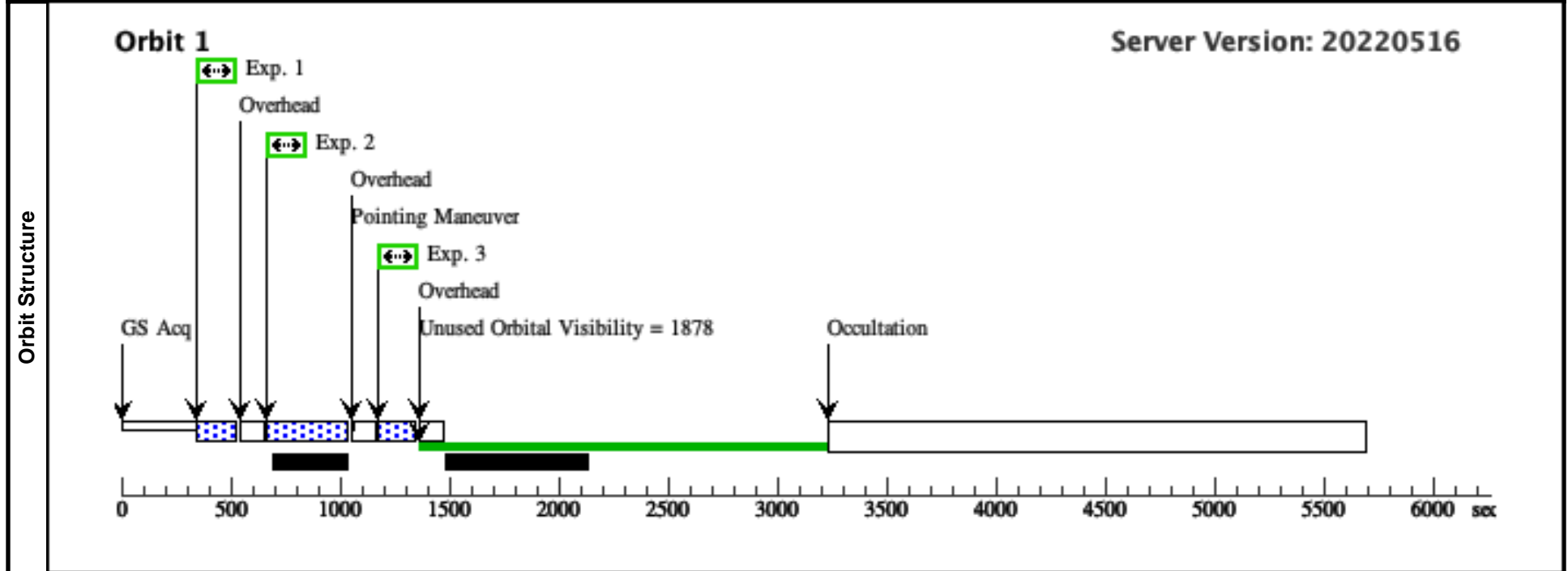
Proposal 17158 - M31-OBJ002638+400622 (48) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

<b>Visit</b>	Proposal 17158, M31-OBJ002638+400622 (48)				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/UVIS				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	OBJ-002638+400622	RA: 00 26 37.8302 (6.6576258d) Dec: +40 06 22.34 (40.10621d) Equinox: J2000		V=22	Reference Frame: ICRS
	<i>Comments: M31 candidate; Compact</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) OBJ-002638+400622	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12	POS TARG null,20		150 Secs (150 Secs)	
									[==>]	[1]
	2		(2) OBJ-002638+400622	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9	SAME POS AS 1		350 Secs (350 Secs)	
									[==>]	[1]
	3		(2) OBJ-002638+400622	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12	POS TARG null,23		150 Secs (150 Secs)	
									[==>]	[1]



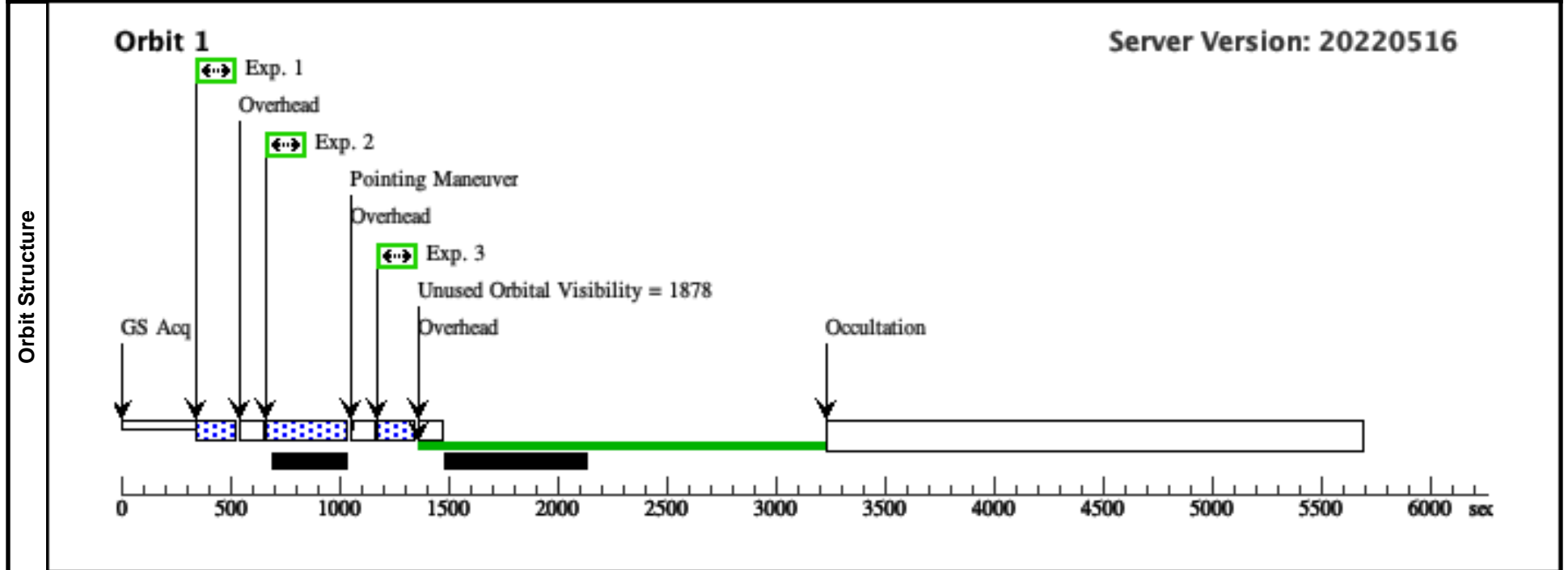
Proposal 17158 - M31-OBJ010507+414932 (49) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

<b>Visit</b>	Proposal 17158, M31-OBJ010507+414932 (49)				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/UVIS				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	OBJ-010507+414932	RA: 01 05 6.6939 (16.2778912d)		V=22	Reference Frame: ICRS
		Alt Name1: C01628+4183	Dec: +41 49 31.78 (41.82549d)			
		Equinox: J2000				
	<i>Comments: M31 candidate</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) OBJ-010507+414932	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12			150 Secs (150 Secs)	
									[==>]	[1]
	2		(3) OBJ-010507+414932	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9			350 Secs (350 Secs)	
									[==>]	[1]
	3		(3) OBJ-010507+414932	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12	POS TARG null,3		150 Secs (150 Secs)	
									[==>]	[1]



Proposal 17158 - M31-OBJ004300+435519 (50) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

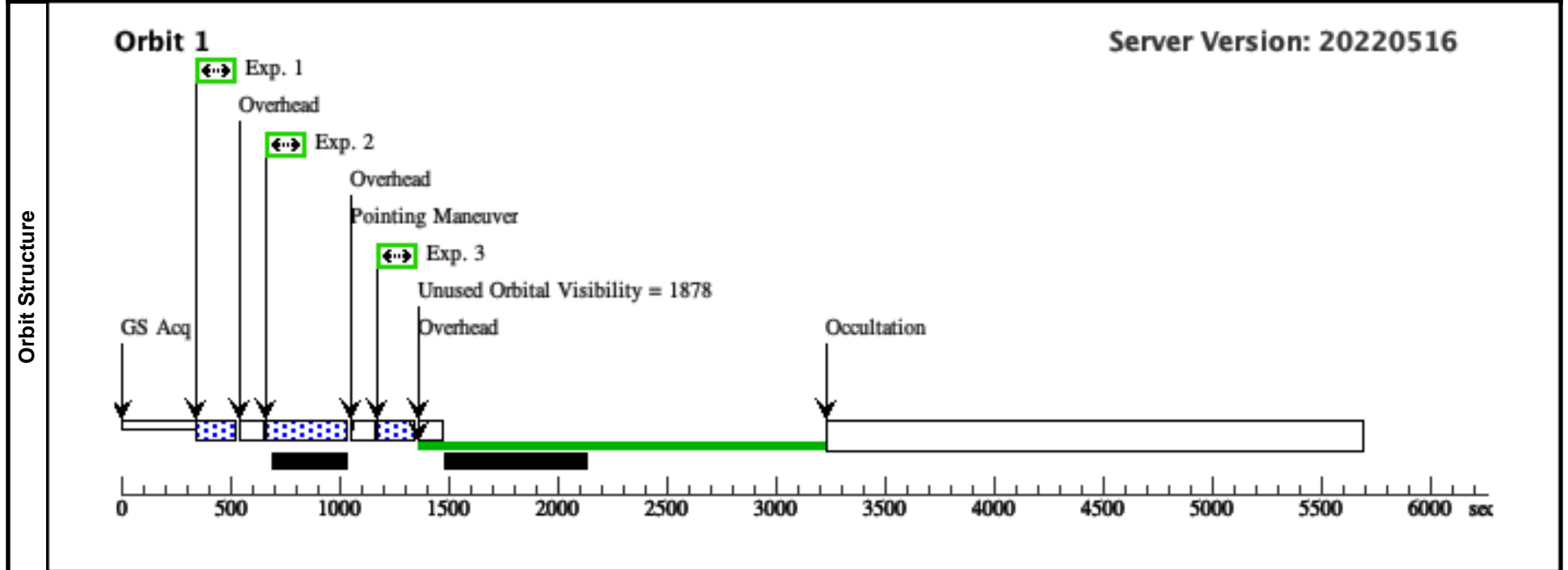
Wed Jul 13 20:07:00 GMT 2022

<b>Visit</b>	Proposal 17158, M31-OBJ004300+435519 (50)				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/UVIS				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	OBJ-004300+435519 Alt Name1: C01075+4392	RA: 00 42 59.8797 (10.7494988d) Dec: +43 55 19.21 (43.92200d) Equinox: J2000		V=22	Reference Frame: ICRS

*Comments: M31 candidate  
Category=GALAXY  
Description=[DWARF SPHEROIDAL]*

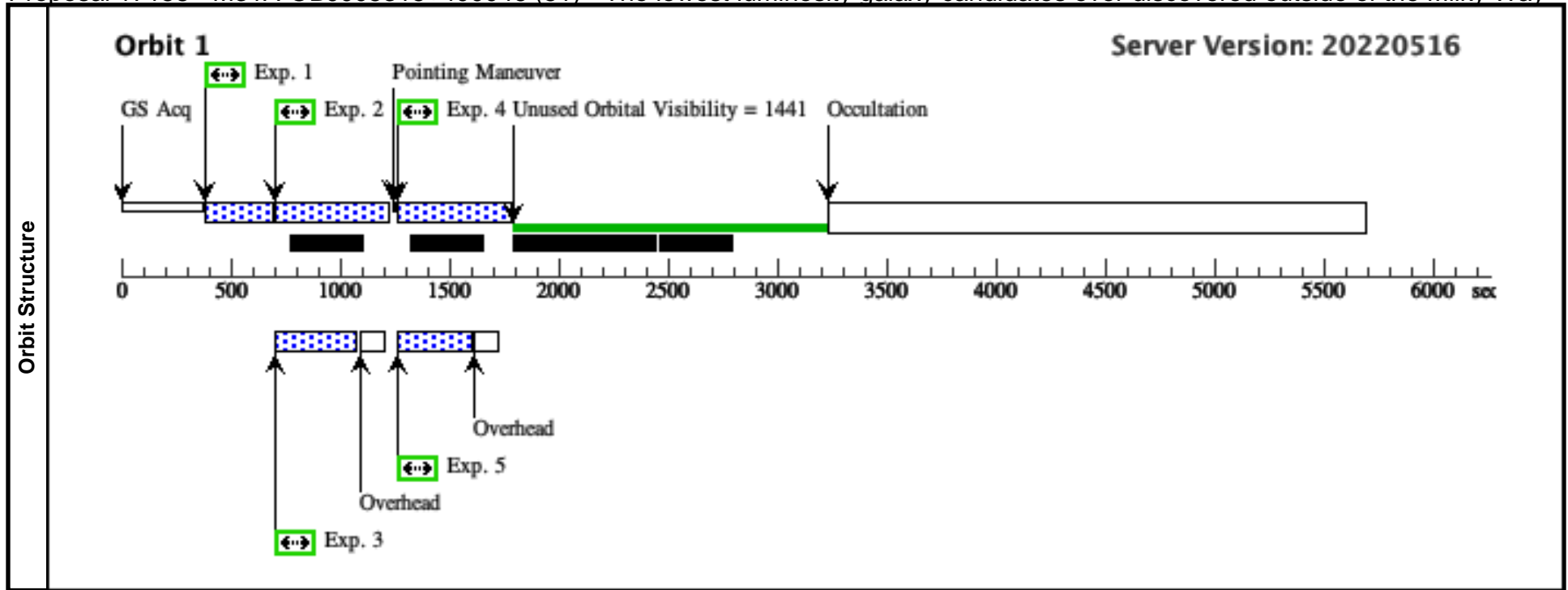
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) OBJ-004300+435519	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12			150 Secs (150 Secs)	[1]
	2		(4) OBJ-004300+435519	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9			350 Secs (350 Secs)	[1]
	3		(4) OBJ-004300+435519	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12	POS TARG null,3		150 Secs (150 Secs)	[1]



Proposal 17158 - M31A-OBJ005315+400046 (51) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

Visit	<b>Proposal 17158, M31A-OBJ005315+400046 (51)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	OBJ-005315+400046	RA: 00 53 14.6472 (13.3110300d) Dec: +44 00 46.34 (44.01287d) Equinox: J2000		V=22	Reference Frame: ICRS					
	Comments: M31 candidate; stream-like? ; must be ACS! Category=GALAXY Description=[DWARF SPHEROIDAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		(5) OBJ-005315+400046	ACS/WFC, ACCUM, WFC	F606W				100 Secs (100 Secs)		
									[==>]	[1]	
	2		(5) OBJ-005315+400046	ACS/WFC, ACCUM, WFC	F814W				Prime + Parallel Group 2-3 in M31A-OBJ 005315+400046 (51)	340 Secs (340 Secs)	
									[==>]	[1]	
	3		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9			Prime + Parallel Group 2-3 in M31A-OBJ 005315+400046 (51)	340 Secs (340 Secs)	
								[==>]	[1]		
4		(5) OBJ-005315+400046	ACS/WFC, ACCUM, WFC	F606W			POS TARG null,3	Prime + Parallel Group 4-5 in M31A-OBJ 005315+400046 (51)	340 Secs (340 Secs)		
								[==>]	[1]		
5		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9			Prime + Parallel Group 4-5 in M31A-OBJ 005315+400046 (51)	340 Secs (340 Secs)		
								[==>]	[1]		



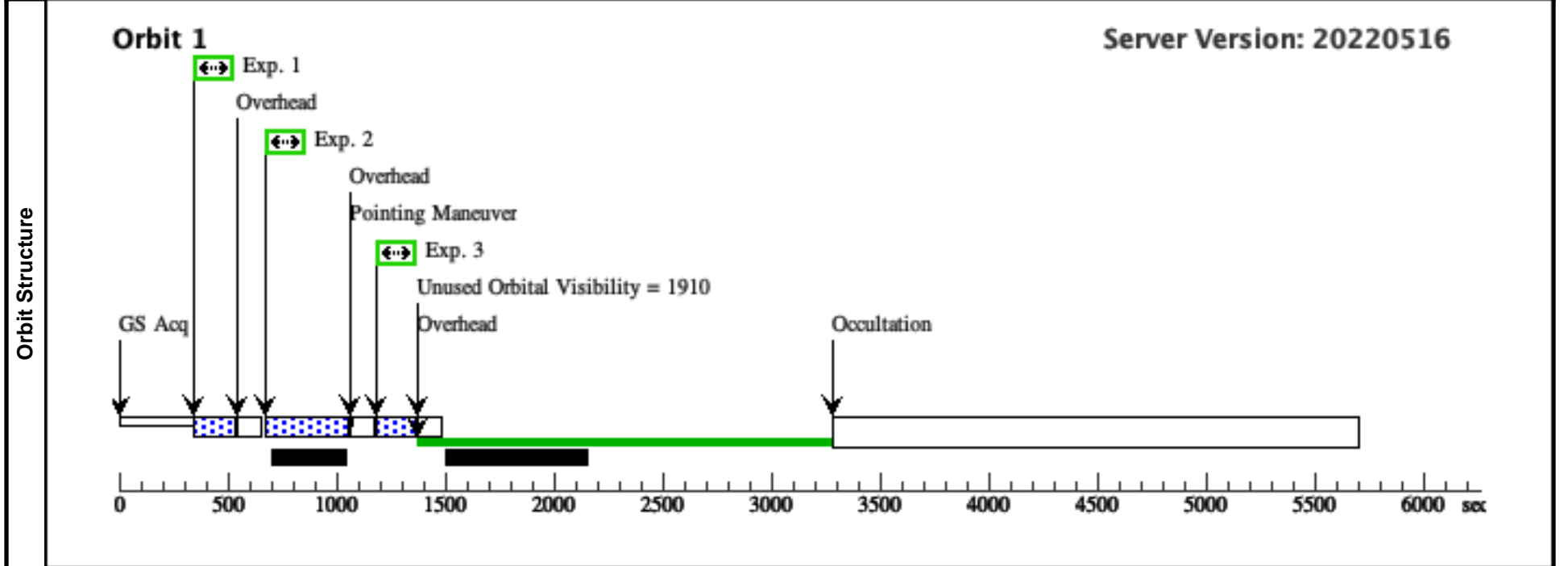
Proposal 17158 - M31pri-OBJ003401+465102 (52) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

<b>Visit</b>	Proposal 17158, M31pri-OBJ003401+465102 (52)				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/UVIS				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	OBJ-003401+465102	RA: 00 34 1.1561 (8.5048171d) Dec: +46 51 1.51 (46.85042d) Equinox: J2000		V=22	Reference Frame: ICRS
		Alt Name1: C00851+4685				
	<i>Comments: M31 candidate; priority</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) OBJ-003401+465102	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12			155 Secs (155 Secs)	
									[==>]	[1]
	2		(6) OBJ-003401+465102	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9			355 Secs (355 Secs)	
									[==>]	[1]
	3		(6) OBJ-003401+465102	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12	POS TARG null,3		155 Secs (155 Secs)	
									[==>]	[1]



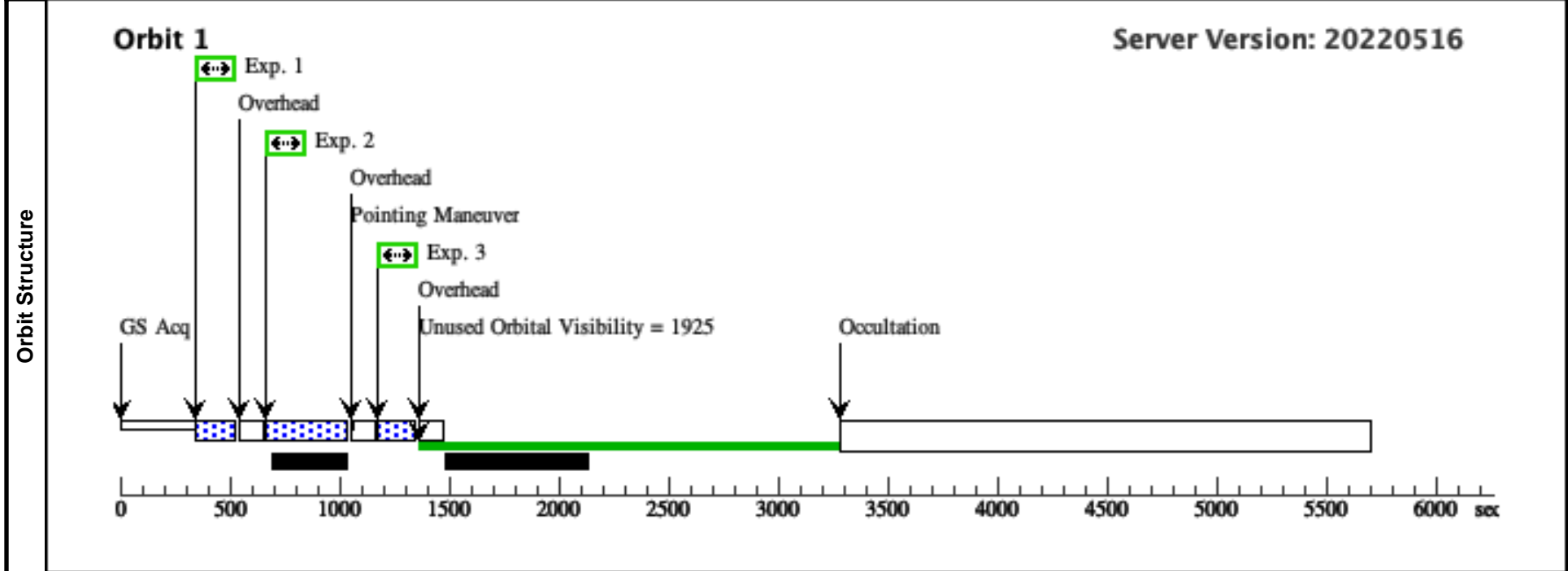
Proposal 17158 - M31-OBJ011640+473910 (53) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

<b>Visit</b>	Proposal 17158, M31-OBJ011640+473910 (53)				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/UVIS				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	OBJ-011640+473910	RA: 01 16 39.6965 (19.1654021d) Dec: +47 39 10.07 (47.65280d) Equinox: J2000		V=22	Reference Frame: ICRS
		Alt Name1: C01917+4765				
	<i>Comments: M31 candidate; compact.</i> Category=GALAXY Description=[DWARF SPHEROIDAL]					

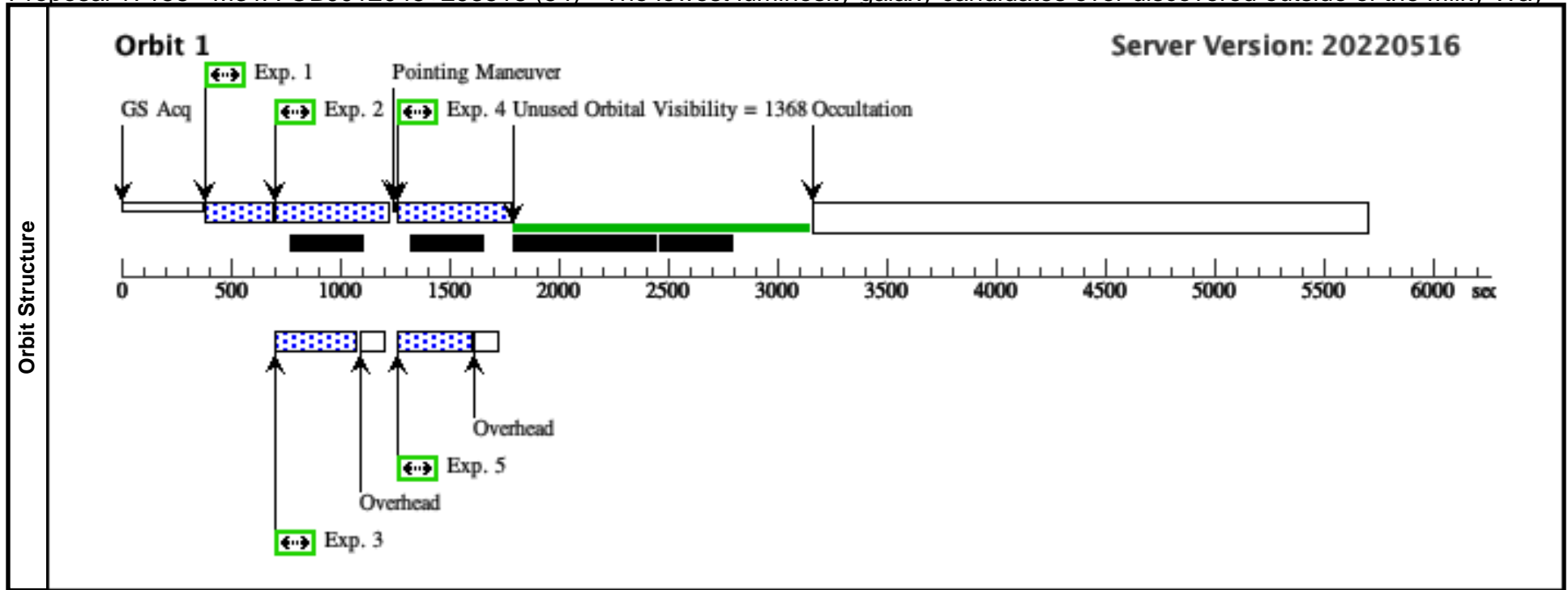
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) OBJ-011640+473910	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12	POS TARG null,8		150 Secs (150 Secs)	[1]
	2		(7) OBJ-011640+473910	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9	SAME POS AS 1		350 Secs (350 Secs)	[1]
	3		(7) OBJ-011640+473910	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12	POS TARG null,11		150 Secs (150 Secs)	[1]



Proposal 17158 - M31A-OBJ012045+293518 (54) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

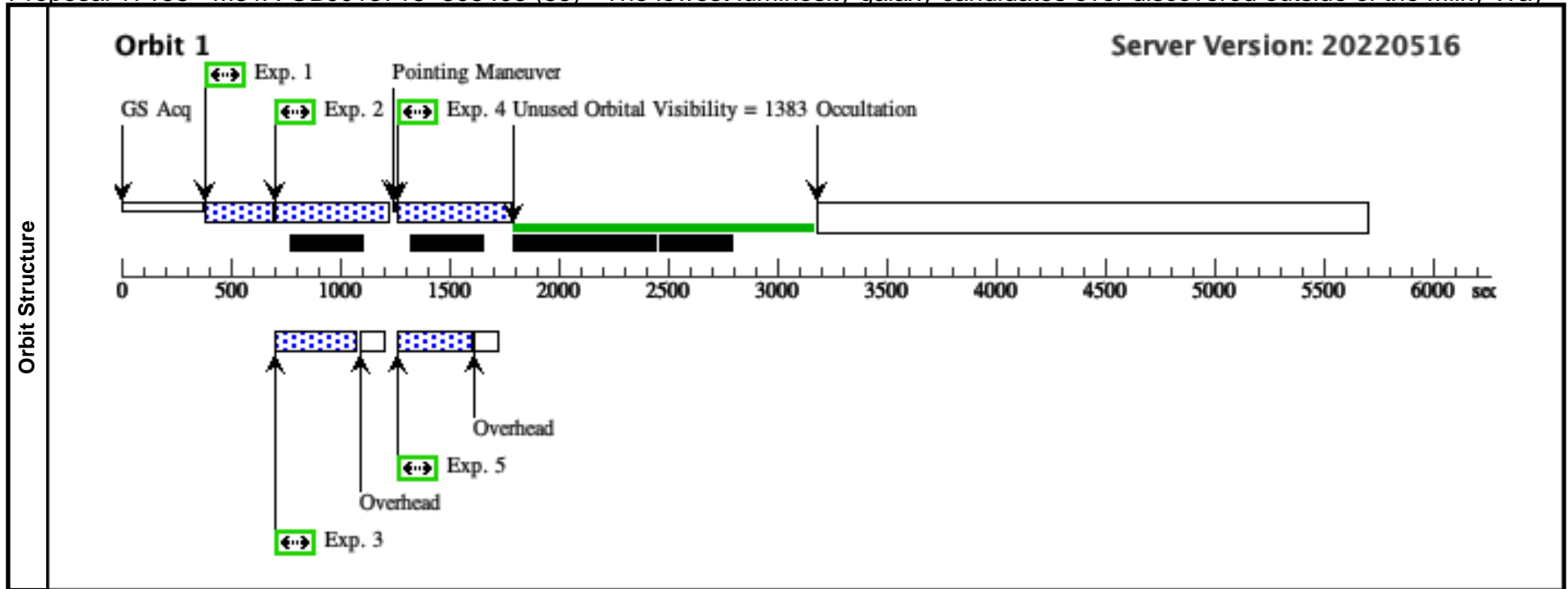
Visit	<b>Proposal 17158, M31A-OBJ012045+293518 (54)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(8)	OBJ-012045+293518 Alt Name1: C02019+2959	RA: 01 20 44.5098 (20.1854575d) Dec: +29 35 17.75 (29.58826d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M31 candidate.</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(8) OBJ-012045+293518	ACS/WFC, ACCUM, WFC	F606W				100 Secs (100 Secs)	
									[==>]	[1]
	2		(8) OBJ-012045+293518	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-3 in M31A-OBJ 012045+293518 (54)	340 Secs (340 Secs)	
									[==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9		Prime + Parallel Group 2-3 in M31A-OBJ 012045+293518 (54)	340 Secs (340 Secs)	
								[==>]	[1]	
4		(8) OBJ-012045+293518	ACS/WFC, ACCUM, WFC	F606W			POS TARG null,3	Prime + Parallel Group 4-5 in M31A-OBJ 012045+293518 (54)	340 Secs (340 Secs)	
								[==>]	[1]	
5		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9			Prime + Parallel Group 4-5 in M31A-OBJ 012045+293518 (54)	340 Secs (340 Secs)	
								[==>]	[1]	



Proposal 17158 - M31A-OBJ013718+305403 (55) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

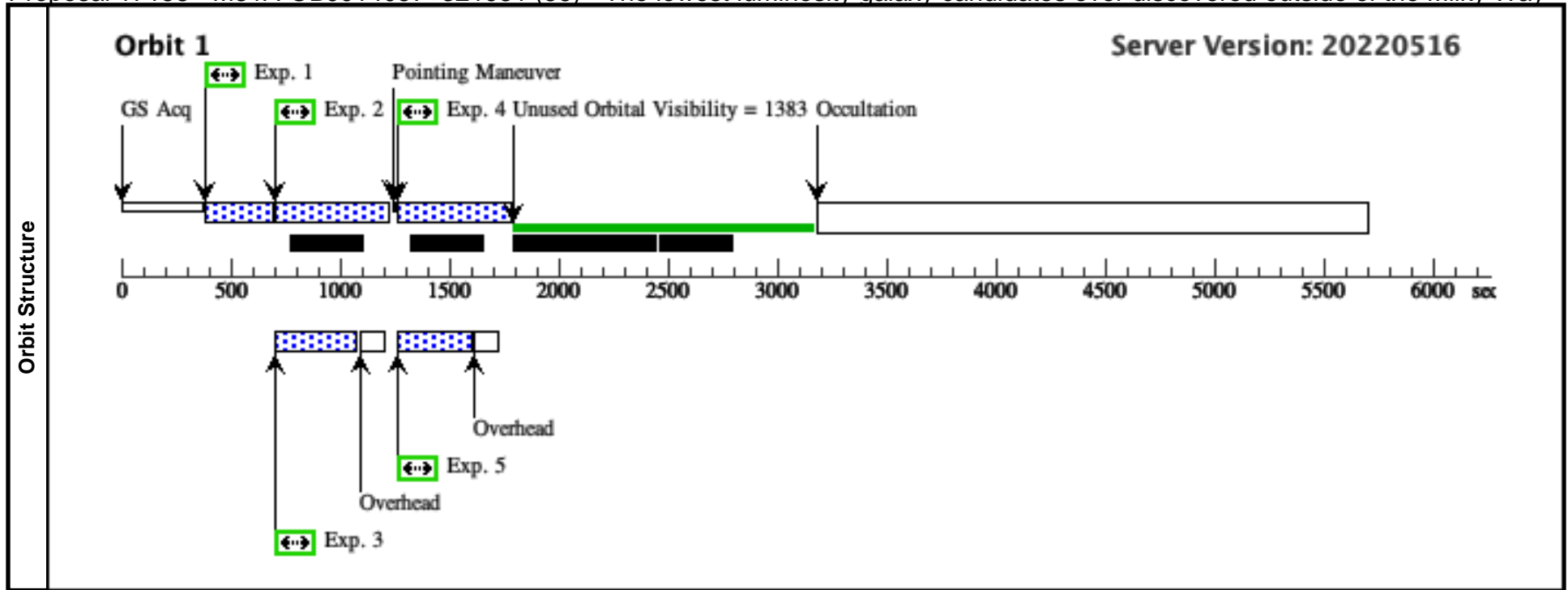
Visit	<b>Proposal 17158, M31A-OBJ013718+305403 (55)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(9)	OBJ-013718+305403 Alt Name1: C02432+3090	RA: 01 37 17.6181 (24.3234087d) Dec: +30 54 3.34 (30.90093d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M31 candidate.</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) OBJ-013718+305403	ACS/WFC, ACCUM, WFC	F606W				100 Secs (100 Secs)	
									[==>]	[1]
	2		(9) OBJ-013718+305403	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-3 in M31A-OBJ 013718+305403 (55)	340 Secs (340 Secs)	
									[==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9		Prime + Parallel Group 2-3 in M31A-OBJ 013718+305403 (55)	340 Secs (340 Secs)	
								[==>]	[1]	
4		(9) OBJ-013718+305403	ACS/WFC, ACCUM, WFC	F606W			POS TARG null,3	Prime + Parallel Group 4-5 in M31A-OBJ 013718+305403 (55)	340 Secs (340 Secs)	
								[==>]	[1]	
5		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9			Prime + Parallel Group 4-5 in M31A-OBJ 013718+305403 (55)	340 Secs (340 Secs)	
								[==>]	[1]	



Proposal 17158 - M31A-OBJ014057+321931 (56) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

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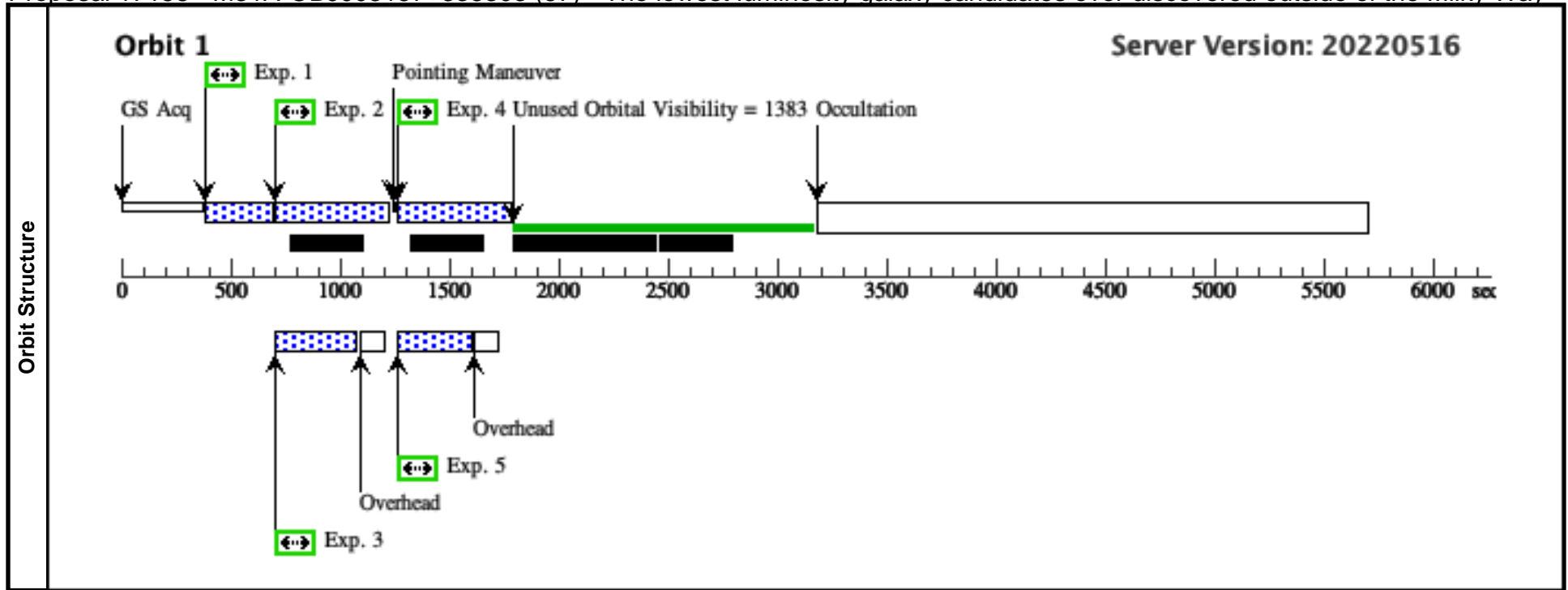
Visit	<b>Proposal 17158, M31A-OBJ014057+321931 (56)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(10)	OBJ-014057+321931 Alt Name1: C02524+3233	RA: 01 40 57.3830 (25.2390958d) Dec: +32 19 31.38 (32.32538d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M31 candidate</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(10) OBJ-014057+321931	ACS/WFC, ACCUM, WFC	F606W				100 Secs (100 Secs)	
									[==>]	[1]
	2		(10) OBJ-014057+321931	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-3 in M31A-OBJ 014057+321931 (56)	340 Secs (340 Secs)	
									[==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9		Prime + Parallel Group 2-3 in M31A-OBJ 014057+321931 (56)	340 Secs (340 Secs)	
								[==>]	[1]	
4		(10) OBJ-014057+321931	ACS/WFC, ACCUM, WFC	F606W			POS TARG null,3	Prime + Parallel Group 4-5 in M31A-OBJ 014057+321931 (56)	340 Secs (340 Secs)	
								[==>]	[1]	
5		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9		Prime + Parallel Group 4-5 in M31A-OBJ 014057+321931 (56)	340 Secs (340 Secs)		
								[==>]	[1]	



Proposal 17158 - M31A-OBJ003157+335303 (57) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

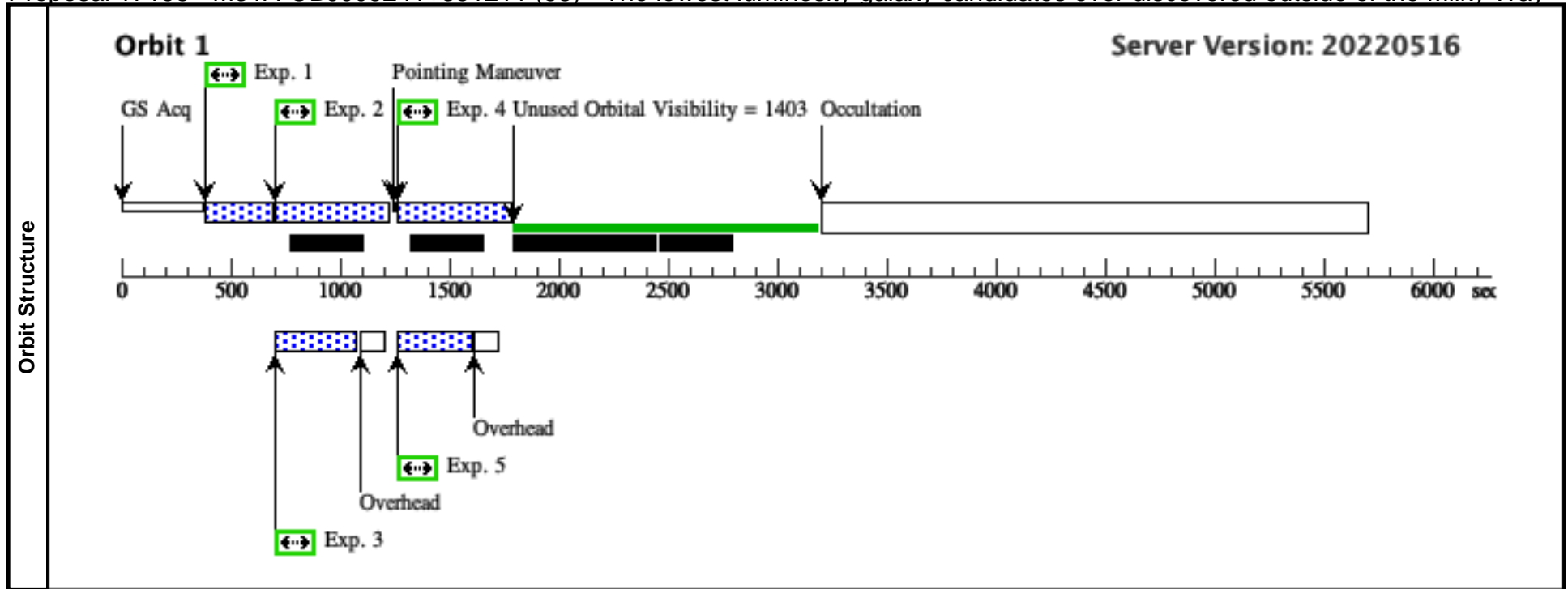
Visit	<b>Proposal 17158, M31A-OBJ003157+335303 (57)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(11)	OBJ-003157+335303 Alt Name1: C00799+3388	RA: 00 31 57.4912 (7.9895467d) Dec: +33 53 2.79 (33.88411d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M31 candidate</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(11) OBJ-003157+335303	ACS/WFC, ACCUM, WFC	F606W				100 Secs (100 Secs)	
									[==>]	[1]
	2		(11) OBJ-003157+335303	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-3 in M31A-OBJ 003157+335303 (57)	340 Secs (340 Secs)	
									[==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9		Prime + Parallel Group 2-3 in M31A-OBJ 003157+335303 (57)	340 Secs (340 Secs)	
								[==>]	[1]	
4		(11) OBJ-003157+335303	ACS/WFC, ACCUM, WFC	F606W			POS TARG null,3	Prime + Parallel Group 4-5 in M31A-OBJ 003157+335303 (57)	340 Secs (340 Secs)	
								[==>]	[1]	
5		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9		Prime + Parallel Group 4-5 in M31A-OBJ 003157+335303 (57)	340 Secs (340 Secs)		
								[==>]	[1]	



Proposal 17158 - M31A-OBJ005241+351211 (58) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

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Visit	<b>Proposal 17158, M31A-OBJ005241+351211 (58)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(12)	OBJ-005241+351211 Alt Name1: C01317+3520	RA: 00 52 40.7417 (13.1697571d) Dec: +35 12 10.68 (35.20297d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M31 candidate</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(12) OBJ-005241+351211	ACS/WFC, ACCUM, WFC	F606W				100 Secs (100 Secs)	
									[==>]	[1]
	2		(12) OBJ-005241+351211	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-3 in M31A-OBJ 005241+351211 (58)	340 Secs (340 Secs)	
									[==>]	[1]
	3	ANY		WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9		Prime + Parallel Group 2-3 in M31A-OBJ 005241+351211 (58)	340 Secs (340 Secs)	
								[==>]	[1]	
4		(12) OBJ-005241+351211	ACS/WFC, ACCUM, WFC	F606W			POS TARG null,3	Prime + Parallel Group 4-5 in M31A-OBJ 005241+351211 (58)	340 Secs (340 Secs)	
								[==>]	[1]	
5	ANY		WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9			Prime + Parallel Group 4-5 in M31A-OBJ 005241+351211 (58)	340 Secs (340 Secs)	
								[==>]	[1]	



Proposal 17158 - M31-OBJ004632+450636 (59) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

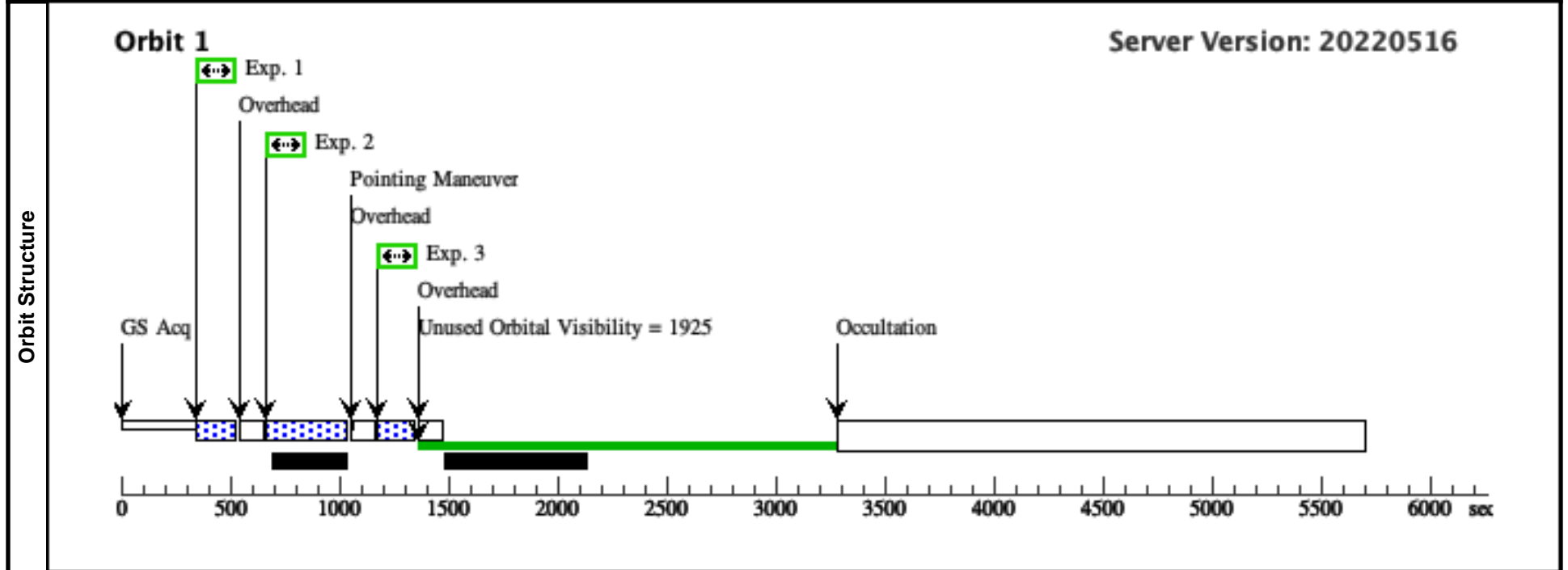
Wed Jul 13 20:07:00 GMT 2022

<b>Visit</b>	Proposal 17158, M31-OBJ004632+450636 (59)				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/UVIS				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(13)	OBJ-004632+450636	RA: 00 46 31.9790 (11.6332458d)		V=22	Reference Frame: ICRS
		Alt Name1: C01162+4511	Dec: +45 06 35.80 (45.10994d)			
		Equinox: J2000				

*Comments: M31 candidate; compact*  
*Category=GALAXY*  
*Description=[DWARF SPHEROIDAL]*

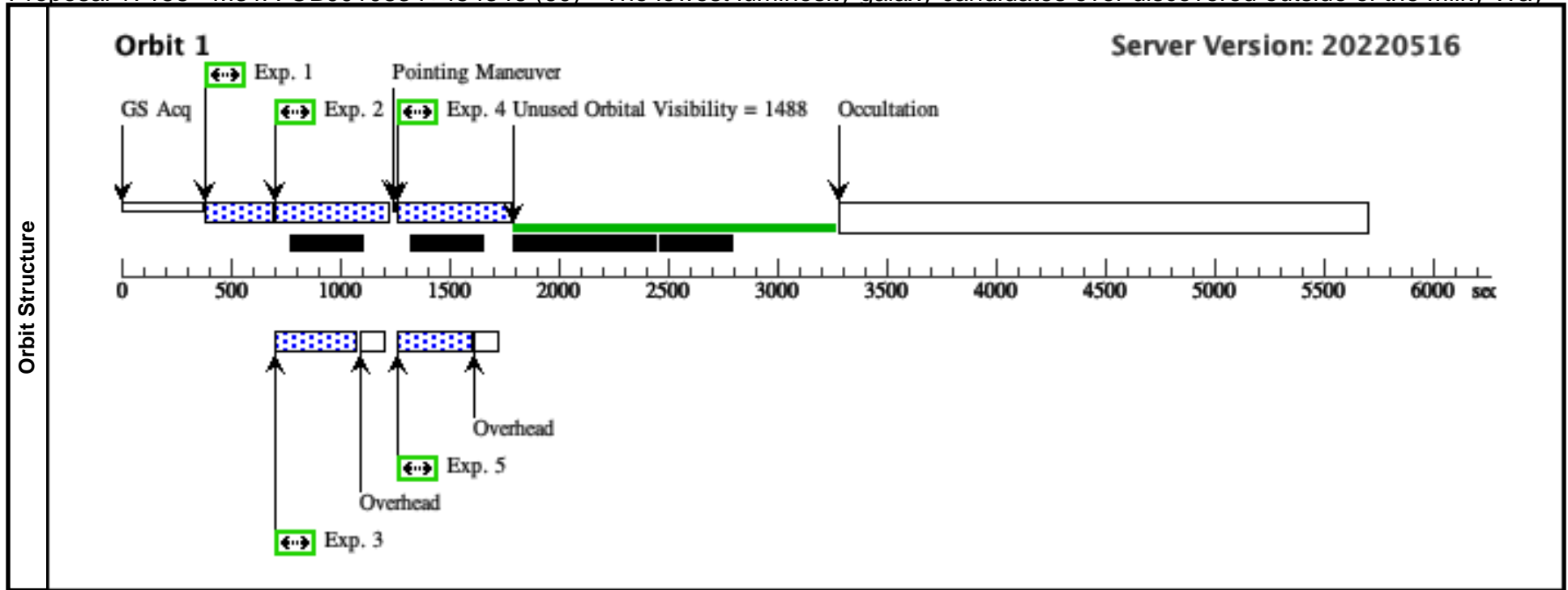
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(13) OBJ-004632+450636	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12	POS TARG null,8		150 Secs (150 Secs)	
									[==>]	[1]
	2		(13) OBJ-004632+450636	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9	SAME POS AS 1		350 Secs (350 Secs)	
									[==>]	[1]
	3		(13) OBJ-004632+450636	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12	POS TARG null,11		150 Secs (150 Secs)	
									[==>]	[1]



Proposal 17158 - M31A-OBJ010834+454346 (60) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

Visit	<b>Proposal 17158, M31A-OBJ010834+454346 (60)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(14)	OBJ-010834+454346 Alt Name1: C01713+4570	RA: 01 08 33.7435 (17.1405979d) Dec: +45 43 46.15 (45.72949d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M31 candidate; very diffuse.</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(14) OBJ-010834+454346	ACS/WFC, ACCUM, WFC	F606W				100 Secs (100 Secs)	
									[==>]	[1]
	2		(14) OBJ-010834+454346	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-3 in M31A-OBJ 010834+454346 (60)	340 Secs (340 Secs)	
									[==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9		Prime + Parallel Group 2-3 in M31A-OBJ 010834+454346 (60)	340 Secs (340 Secs)	
								[==>]	[1]	
4		(14) OBJ-010834+454346	ACS/WFC, ACCUM, WFC	F606W			POS TARG null,3	Prime + Parallel Group 4-5 in M31A-OBJ 010834+454346 (60)	340 Secs (340 Secs)	
								[==>]	[1]	
5		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9		Prime + Parallel Group 4-5 in M31A-OBJ 010834+454346 (60)	340 Secs (340 Secs)		
								[==>]	[1]	



Proposal 17158 - M31-OBJ011318+343942 (61) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

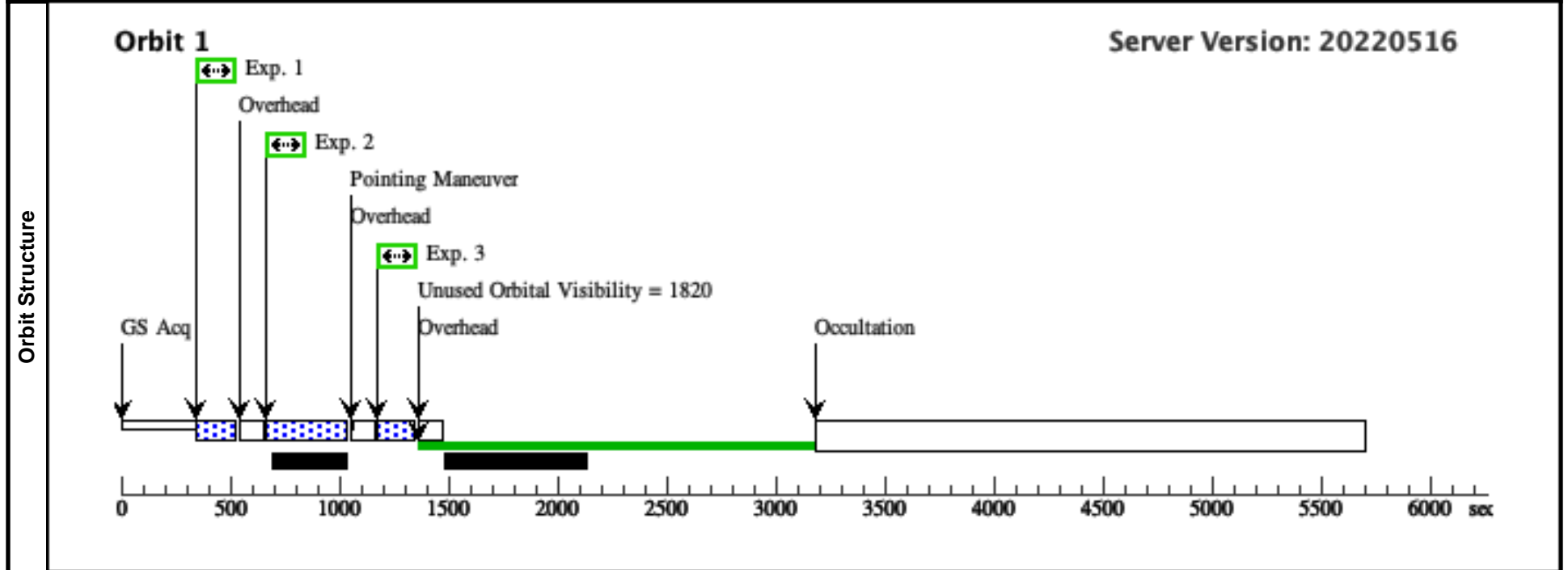
Wed Jul 13 20:07:00 GMT 2022

<b>Visit</b>	Proposal 17158, M31-OBJ011318+343942 (61)				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/UVIS				
	Special Requirements: (none)				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	OBJ-011318+343942	RA: 01 13 17.5507 (18.3231279d)		V=22	Reference Frame: ICRS
		Alt Name1: C01832+3466	Dec: +34 39 42.03 (34.66167d)			
		Equinox: J2000				

Comments: M31 candidate  
Category=GALAXY  
Description=[DWARF SPHEROIDAL]

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(15) OBJ-011318+343942	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12			150 Secs (150 Secs)	
									[==>]	[1]
	2		(15) OBJ-011318+343942	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9			350 Secs (350 Secs)	
									[==>]	[1]
	3		(15) OBJ-011318+343942	WFC3/UVIS, ACCUM, UVIS	F606W	FLASH=12	POS TARG null,3		150 Secs (150 Secs)	
									[==>]	[1]

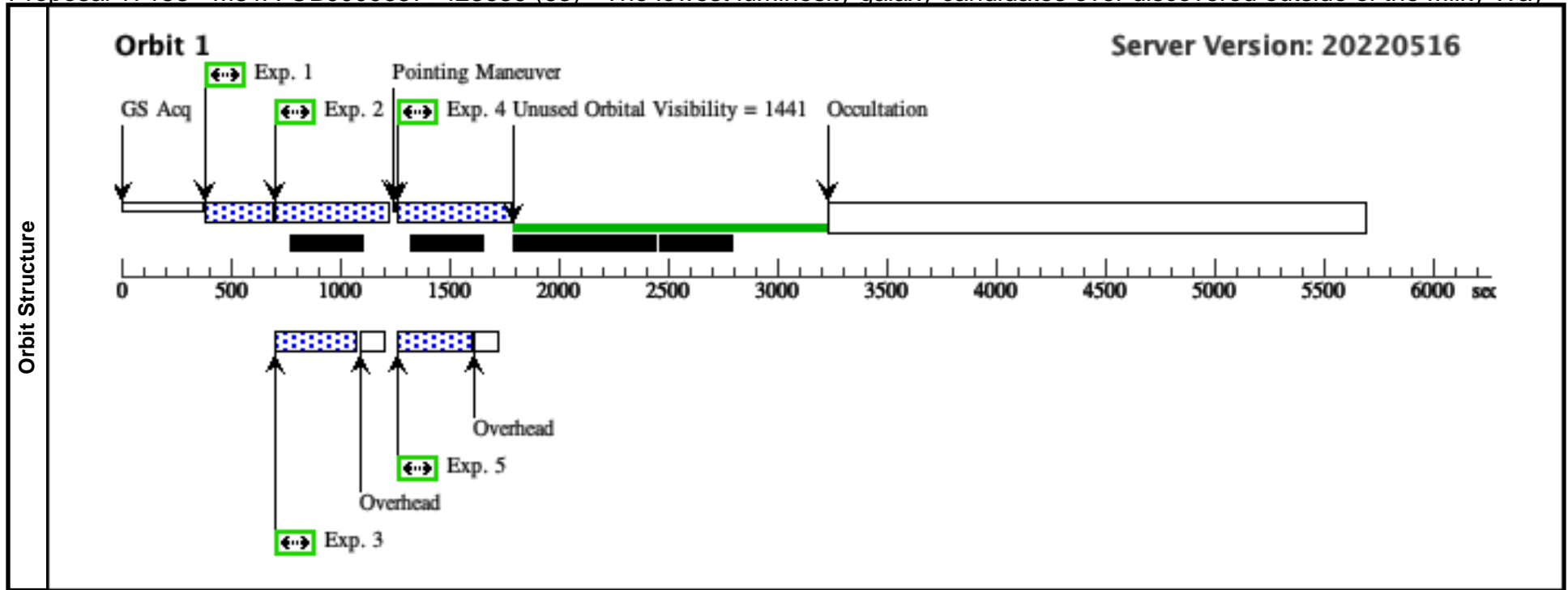




Proposal 17158 - M31A-OBJ000657+423639 (63) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

Visit	<b>Proposal 17158, M31A-OBJ000657+423639 (63)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(17)	OBJ-000657+423639 Alt Name1: C00174+4261	RA: 00 06 57.1945 (1.7383104d) Dec: +42 36 38.86 (42.61079d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M31 candidate; diffuse.</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(17) OBJ-000657+423639	ACS/WFC, ACCUM, WFC	F606W				100 Secs (100 Secs)	
									[==>]	[1]
	2		(17) OBJ-000657+423639	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-3 in M31A-OBJ000657+423639 (63)	340 Secs (340 Secs)	
									[==>]	[1]
	3	ANY		WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9		Prime + Parallel Group 2-3 in M31A-OBJ000657+423639 (63)	340 Secs (340 Secs)	
								[==>]	[1]	
4		(17) OBJ-000657+423639	ACS/WFC, ACCUM, WFC	F606W			POS TARG null,3	Prime + Parallel Group 4-5 in M31A-OBJ000657+423639 (63)	340 Secs (340 Secs)	
								[==>]	[1]	
5	ANY		WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9		Prime + Parallel Group 4-5 in M31A-OBJ000657+423639 (63)	340 Secs (340 Secs)		
								[==>]	[1]	



Proposal 17158 - M31A-OBJ013111+381339 (64) - The lowest luminosity galaxy candidates ever discovered outside of the Milky Way

Wed Jul 13 20:07:00 GMT 2022

Visit	<b>Proposal 17158, M31A-OBJ013111+381339 (64)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(18)	OBJ-013111+381339 Alt Name1: C02281+3825	RA: 01 31 11.4126 (22.7975525d) Dec: +38 13 39.17 (38.22755d) Equinox: J2000		V=22	Reference Frame: ICRS				
	<i>Comments: M31 candidate; diffuse.</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(18) OBJ-013111+381339	ACS/WFC, ACCUM, WFC	F606W				100 Secs (100 Secs)	
									[==>]	[1]
	2		(18) OBJ-013111+381339	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 2-3 in M31A-OBJ 013111+381339 (64)	340 Secs (340 Secs)	
									[==>]	[1]
	3		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9		Prime + Parallel Group 2-3 in M31A-OBJ 013111+381339 (64)	340 Secs (340 Secs)	
								[==>]	[1]	
4		(18) OBJ-013111+381339	ACS/WFC, ACCUM, WFC	F606W		POS TARG null,3	Prime + Parallel Group 4-5 in M31A-OBJ 013111+381339 (64)	340 Secs (340 Secs)		
								[==>]	[1]	
5		ANY	WFC3/UVIS, ACCUM, UVIS	F814W	FLASH=9		Prime + Parallel Group 4-5 in M31A-OBJ 013111+381339 (64)	340 Secs (340 Secs)		
								[==>]	[1]	

