



15663 - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways via Spatially Resolved Gradients at $z=1.6-2.9$

Cycle: 26, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
1A	(1) EMACS1341-1	WFC3/IR	2	23-Sep-2019 13:00:40.0	yes
1B	(1) EMACS1341-1	WFC3/IR	2	23-Sep-2019 13:00:41.0	yes
1C	(1) EMACS1341-1	WFC3/IR	2	23-Sep-2019 13:00:42.0	yes
1D	(1) EMACS1341-1	WFC3/IR	1	23-Sep-2019 13:00:43.0	yes
1E	(1) EMACS1341-1	WFC3/IR	2	23-Sep-2019 13:00:43.0	yes
1F	(1) EMACS1341-1	WFC3/IR	2	23-Sep-2019 13:00:44.0	yes
1G	(1) EMACS1341-1	WFC3/IR	2	23-Sep-2019 13:00:45.0	yes
1H	(1) EMACS1341-1	WFC3/IR	2	23-Sep-2019 13:00:46.0	yes
2A	(2) MRG-M0138	WFC3/IR	2	23-Sep-2019 13:00:47.0	yes
2B	(2) MRG-M0138	WFC3/IR	1	23-Sep-2019 13:00:48.0	yes
2C	(2) MRG-M0138	WFC3/IR	2	23-Sep-2019 13:00:48.0	yes
2D	(2) MRG-M0138	WFC3/IR	1	23-Sep-2019 13:00:49.0	yes
3A	(3) MS0451-03	WFC3/IR	2	23-Sep-2019 13:00:50.0	yes
3B	(3) MS0451-03	WFC3/IR	2	23-Sep-2019 13:00:51.0	yes
3C	(3) MS0451-03	WFC3/IR	2	23-Sep-2019 13:00:51.0	yes
3D	(3) MS0451-03	WFC3/IR	2	23-Sep-2019 13:00:52.0	yes
3E	(3) MS0451-03	WFC3/IR	2	23-Sep-2019 13:00:53.0	yes
3F	(3) MS0451-03	WFC3/IR	2	23-Sep-2019 13:00:54.0	yes
4A	(4) MACS2129-1	WFC3/IR	3	23-Sep-2019 13:00:55.0	yes
4B	(4) MACS2129-1	WFC3/IR	2	23-Sep-2019 13:00:56.0	yes
5A	(5) MRG-M0150	WFC3/IR	2	23-Sep-2019 13:00:57.0	yes
5C	(5) MRG-M0150	WFC3/IR	1	23-Sep-2019 13:00:57.0	yes
5B	(5) MRG-M0150	WFC3/IR	2	23-Sep-2019 13:00:58.0	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>
6A	(6) MRG-P0918	WFC3/IR	2	23-Sep-2019 13:00:59.0	yes
6B	(6) MRG-P0918	WFC3/IR	2	23-Sep-2019 13:01:00.0	yes
6C	(6) MRG-P0918	WFC3/IR	2	23-Sep-2019 13:01:01.0	yes
6D	(6) MRG-P0918	WFC3/IR	1	23-Sep-2019 13:01:01.0	yes
7A	(7) MRG-S1522	WFC3/IR	2	23-Sep-2019 13:01:02.0	yes
7B	(7) MRG-S1522	WFC3/IR	2	23-Sep-2019 13:01:03.0	yes
7C	(7) MRG-S1522	WFC3/IR	2	23-Sep-2019 13:01:04.0	yes
7D	(7) MRG-S1522	WFC3/IR	1	23-Sep-2019 13:01:05.0	yes
8A	(2) MRG-M0138	WFC3/UVIS	1	23-Sep-2019 13:01:05.0	yes
8C	(7) MRG-S1522	WFC3/IR	1	23-Sep-2019 13:01:06.0	yes
8B	(7) MRG-S1522	WFC3/UVIS	1	23-Sep-2019 13:01:07.0	yes

60 Total Orbits Used

ABSTRACT

An unexpected - and HST-driven - discovery of the last decade is the remarkable compactness of the quiescent progenitors of today's most massive elliptical galaxies. Although some consensus exists about how these early galaxies grow through merging to become present-day ellipticals, the details of the formation of such dense objects are hotly debated. Although formation models predict unique observational signatures that are imprinted on the stellar populations and structures, these galaxies are often barely resolved, even with HST and similarly in the future with JWST. Strong gravitational lensing can provide an unmatched improvement in spatial resolution, and, despite these objects' low space density, we have identified a unique sample of eight strongly lensed high-redshift ($1.6 < z < 2.9$), massive ($10.5 < \log M^* < 11.7$) quiescent galaxies at this pivotal epoch. We propose to use WFC3/G141 grism spectroscopy to measure age gradients in the inner cores ($< 1 \text{ kpc}$) of the to-date most comprehensive sample of strongly lensed massive quiescent galaxies, building upon a successful pilot program and existing HST data. Our analysis will combine deep G141 grism spectroscopy with a wealth of existing rest-frame FUV-optical HST and Spitzer/IRAC imaging. Exploiting this unrivaled spatially resolved dataset, we will characterize the stellar populations and dust content of the premier sample of quiescent galaxies to provide strong constraints on the physical mechanisms driving massive galaxy evolution in this key phase of their formation.

OBSERVING DESCRIPTION

The goal of this program is to obtain deep WFC3/IR grism spectroscopy of seven gravitationally lensed quiescent galaxies. The total number of allocated orbits is 60, out of which 57 orbits are dedicated to grism spectroscopy and 3 orbits to photometry.

For the grism spectroscopy of each of the seven targets, we choose two orientation angles that minimize the contamination according to our simulations. In each visit, we have 1-3 orbits and each orbit includes non-interruptible sequences of three exposures. A short exposure of a direct image using one of the WFC3/IR filters F105W/F110W/F125W/F140W/F160W is accompanied by two longer G141 grism exposures to fill the orbit. The primary purpose of the direct image filter is to overlap with the G141 bandpass such that we can calibrate the grism data and estimate the background, hence it is crucial that we observe the three exposures in the proposed non-interruptible sequence. We also prioritize selecting key filters that either extend the wavelength coverage of photometric data or increase the depth of the existing data. These added direct image filters are crucial for the pixel-by-pixel analysis of the targets and they will also facilitate constraining the parameters of stellar population, in addition to supporting archival research. The separate visits are dithered following the successful 4-point dithering strategy used for the 3D-HST survey (e.g., Brammer et al. 2012). To be more specific, we set POS-TARG: (0,0) (1.355,0.424) (0.881,1.212) (-0.474,0.788).

We estimate that the spacecraft will leave the earth shadow at the end of the orbit for all targets except MRG-S1522. We therefore put the direct imaging exposures at the end of the orbit as these are less sensitive to the helium airglow backgrounds observed out of the shadow for all targets except for MRG-S1522, where the opposite is true. This will minimize the impact of background variations on our G141 science exposures.

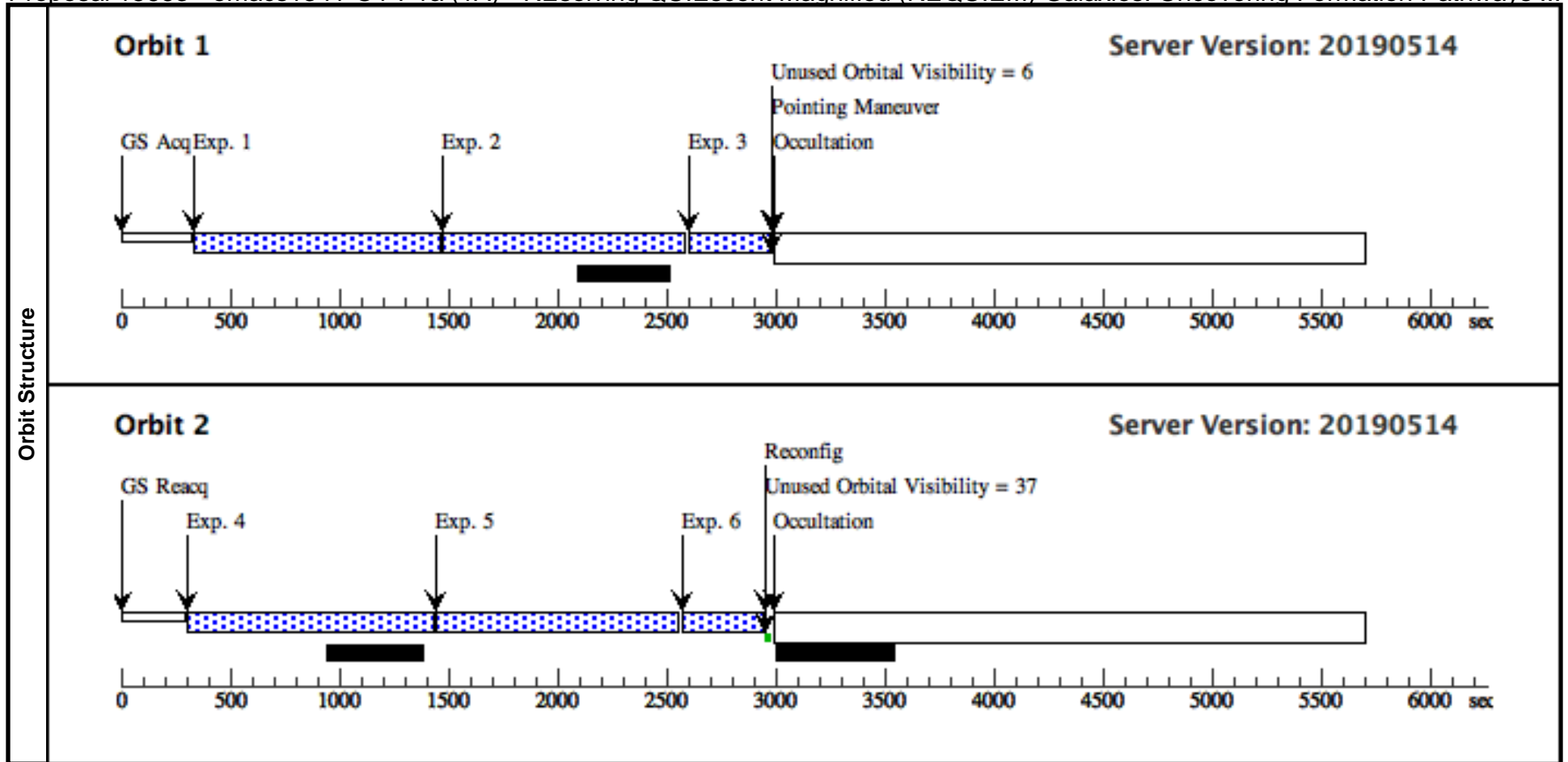
The grism aperture is set to GRISM1024, which uses the same reference pixel and definition for both the direct image and the G141 grism in each visit. In the G141 exposures, we use SPARS100 sampling with NSAMP=12, and for the direct image exposures we select SPARS50 with NSAMP=7-9 that fills the orbits. We organize different visits of the same target with the same number and we use different letters to indicate each combination of the orientation angles and positions. We explicitly checked that the available schedulability window can accommodate the requested observations with the suggested 5 orbits/day rule.

For three orbits of photometric data for the targets MRG-P0918 (1 orbit) and MRG-S1522 (2 orbits), we use the following strategy: For MRG-P0918 we define visit 8A and we organize the visit leveraging the pre-defined WFC3-UVIS-DITHER-LINE pattern and add two exposures with F814W (912s adjusted exposure time) and F390W (1272s adjusted exposure time) with FLASH=1 and FLASH=6 respectively to fill the orbit. For MRG-S1522 we have two visits 8B and 8C. We adopt pre-defined WFC3-UVIS-DITHER-LINE-3PT pattern with F814W and adjusted exposure time of 2412 seconds to form visit 8B. We adopt WFC3-IR-DITHER-BOX-MIN pattern and a single exposure using F125W with SPARS50 sampling (NSAMP=13) to fill the final orbit and form visit 8C.

Proposal 15663 - emacs1341-O1-P1a (1A) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

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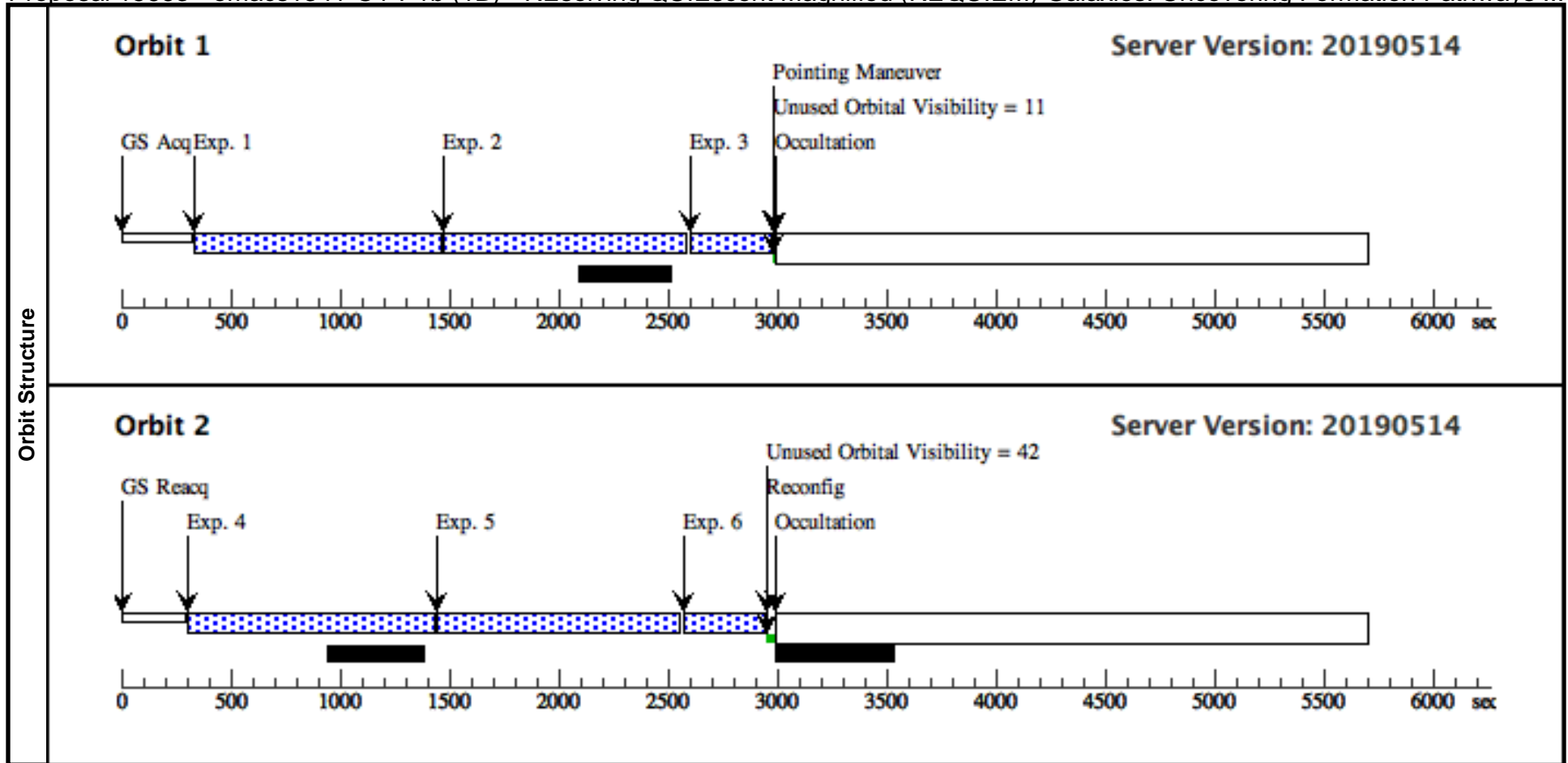
Visit	Proposal 15663, emacs1341-O1-P1a (1A), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 325.89D TO 325.89 D <i>Comments: EMACS1341, ORIENT 1, First pair, F140W direct imaging</i>									
	(emacs1341-O1-P1a (1A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (emacs1341-O1-P1a (1A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	EMACS1341-1	RA: 13 42 2.3740 (205.5098917d) Dec: -24 41 52.11 (-24.69781d) Equinox: J2000		V=(?) F140W 18.7	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0	Sequence 1-3 Non-Int in emacs1341-O1-P1a (1A)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O1-P1a (1A)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O1-P1a (1A)	352.935448 Secs (352.935 Secs) [==>]	[1]
	4	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in emacs1341-O1-P1a (1A)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in emacs1341-O1-P1a (1A)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in emacs1341-O1-P1a (1A)	352.935448 Secs (352.935 Secs) [==>]	[2]



Proposal 15663 - emacs1341-O1-P1b (1B) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

Mon Sep 23 17:01:07 GMT 2019

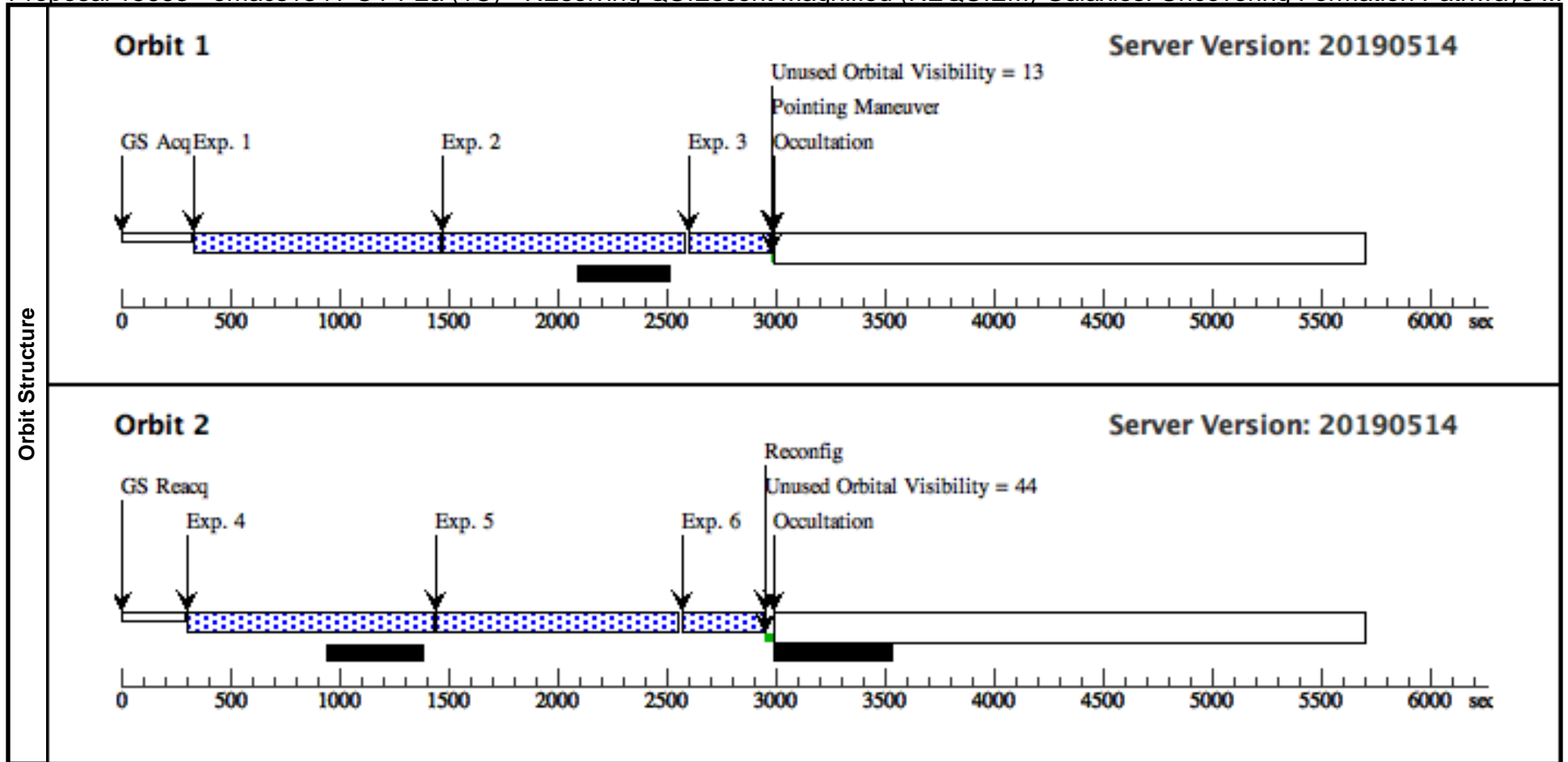
Visit	Proposal 15663, emacs1341-O1-P1b (1B), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 1A <i>Comments: EMACS1341, ORIENT 1, First pair, F160W direct imaging</i>									
	(emacs1341-O1-P1b (1B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (emacs1341-O1-P1b (1B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	EMACS1341-1	RA: 13 42 2.3740 (205.5098917d) Dec: -24 41 52.11 (-24.69781d) Equinox: J2000		V=(?) F140W 18.7	Reference Frame: ICRS				
<i>Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0	Sequence 1-3 Non-Int in emacs1341-O1-P1b (1B)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O1-P1b (1B)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O1-P1b (1B)	352.935448 Secs (352.935 Secs) [==>]	[1]
	4	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in emacs1341-O1-P1b (1B)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in emacs1341-O1-P1b (1B)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in emacs1341-O1-P1b (1B)	352.935448 Secs (352.935 Secs) [==>]	[2]



Proposal 15663 - emacs1341-O1-P2a (1C) - Resolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

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Visit	Proposal 15663, emacs1341-O1-P2a (1C), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 1A <i>Comments: EMACS1341, ORIENT 1, Second pair, F125W direct imaging</i>									
	(emacs1341-O1-P2a (1C)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (emacs1341-O1-P2a (1C)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	EMACS1341-1	RA: 13 42 2.3740 (205.5098917d) Dec: -24 41 52.11 (-24.69781d) Equinox: J2000		V=(?) F140W 18.7	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424	Sequence 1-3 Non-Int in emacs1341-O1-P2a (1C)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O1-P2a (1C)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O1-P2a (1C)	352.935448 Secs (352.935 Secs) [==>]	[1]
	4	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212	Sequence 4-6 Non-Int in emacs1341-O1-P2a (1C)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in emacs1341-O1-P2a (1C)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in emacs1341-O1-P2a (1C)	352.935448 Secs (352.935 Secs) [==>]	[2]

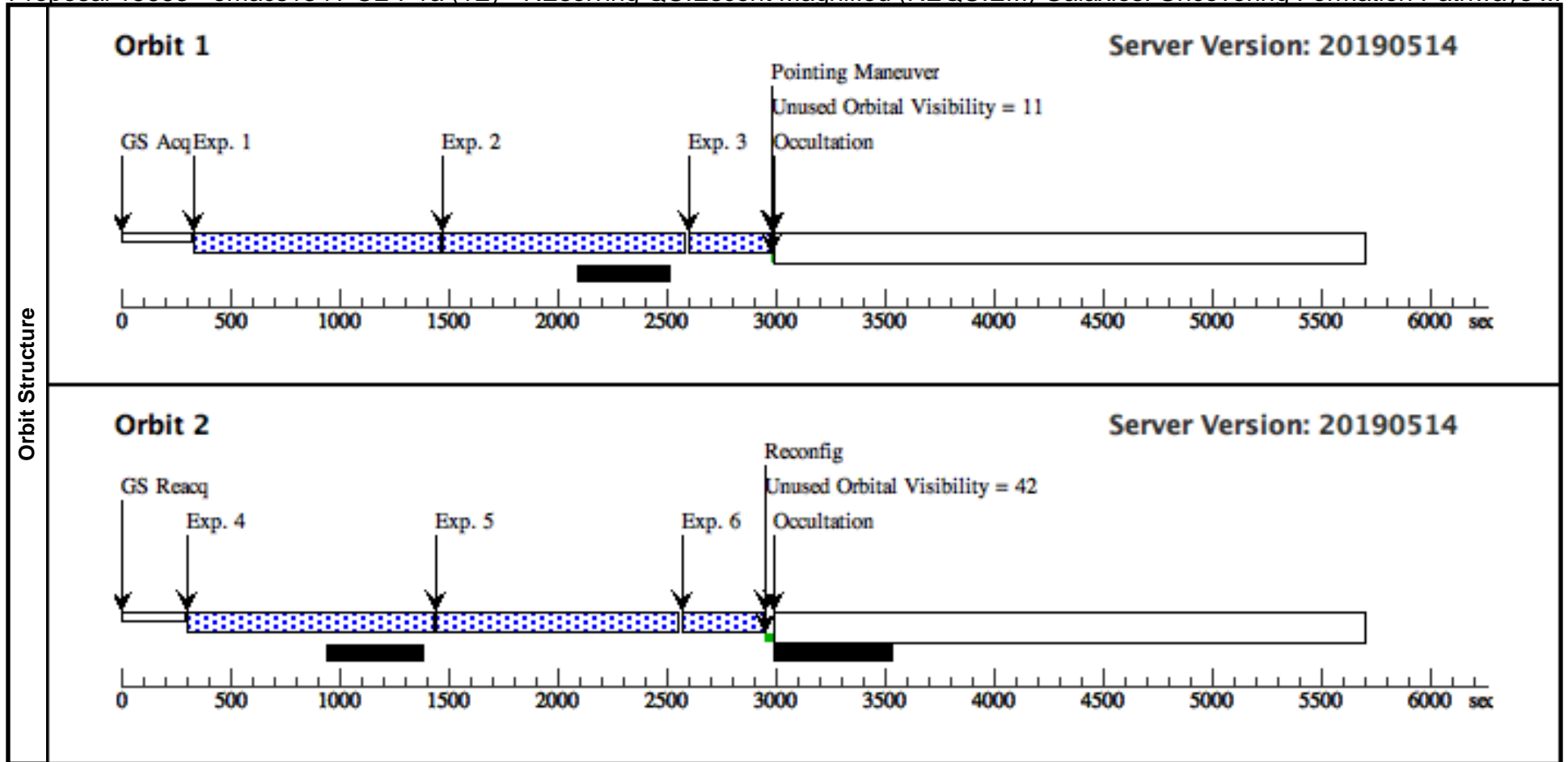


Visit	Proposal 15663, emacs1341-O1-P2b (1D), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 1A <i>Comments: EMACS1341, ORIENT 1, 3rd position, F140W direct imaging</i>									
	(emacs1341-O1-P2b (1D)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	EMACS1341-1	RA: 13 42 2.3740 (205.5098917d) Dec: -24 41 52.11 (-24.69781d) Equinox: J2000		V=(?) F140W 18.7	Reference Frame: ICRS				
<i>Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424	Sequence 1-3 Non-Int in emacs1341-O1-P2b (1D)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O1-P2b (1D)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O1-P2b (1D)	352.935448 Secs (352.935 Secs) [==>]	[1]
Orbit Structure	Orbit 1 Server Version: 20190514									
	<p>The diagram shows a horizontal timeline from 0 to 6000 seconds. Key events are marked with arrows: 'GS Acq' at ~100s, 'Exp. 1' at ~300s, 'Exp. 2' at ~1500s, 'Exp. 3' at ~2600s, 'Reconfig' at ~3000s, and 'Occultation' at ~3100s. A blue and white checkered shaded region covers the period from approximately 300s to 3000s. A label 'Unused Orbital Visibility = 6' is positioned above the timeline at the 3000s mark.</p>									

Proposal 15663 - emacs1341-O2-P1a (1E) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

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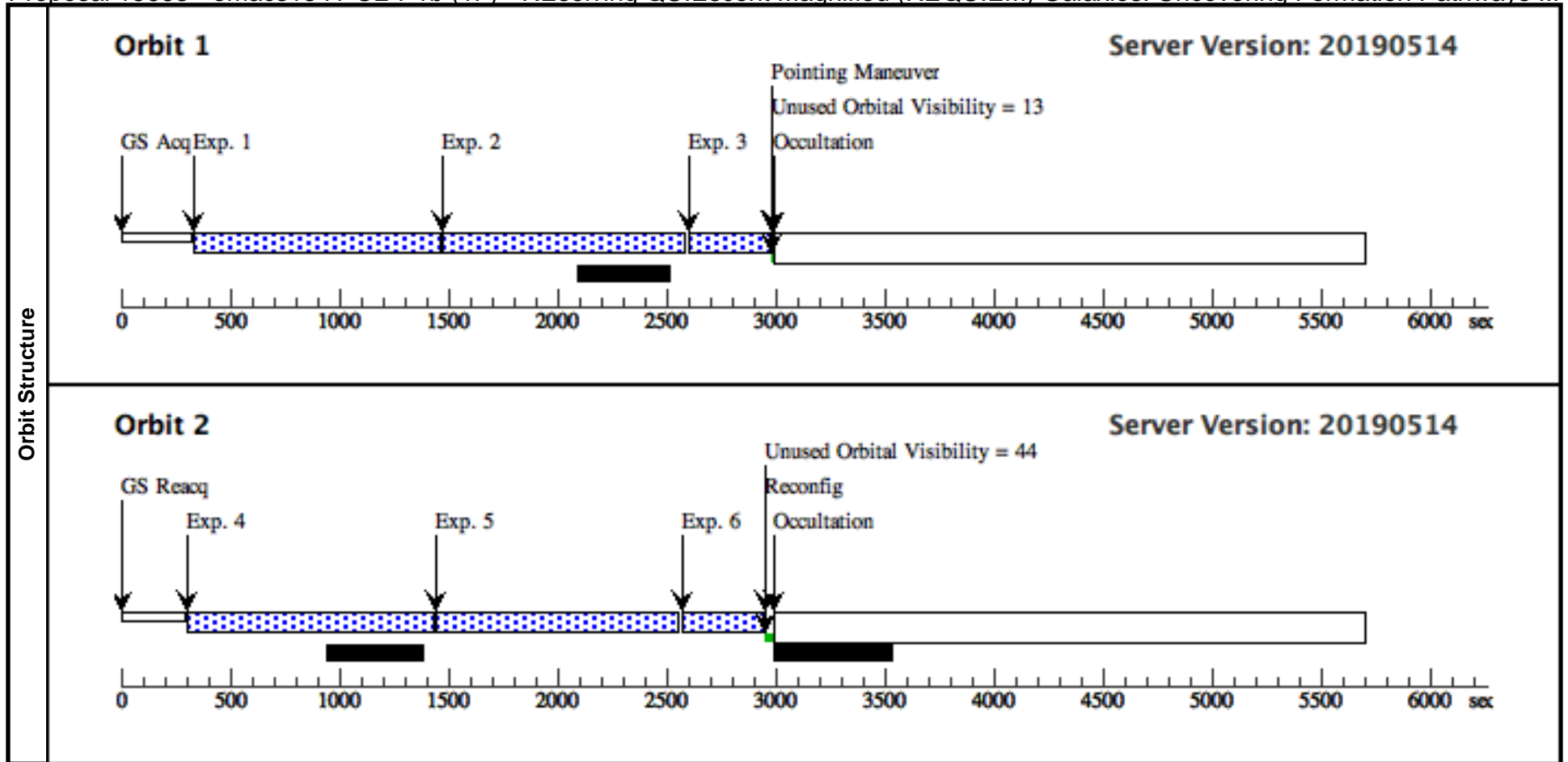
Visit	Proposal 15663, emacs1341-O2-P1a (1E), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 316.89D TO 316.89 D <i>Comments: EMACS1341, ORIENT 2, First pair, F160W direct imaging</i>									
	(emacs1341-O2-P1a (1E)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (emacs1341-O2-P1a (1E)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	EMACS1341-1	RA: 13 42 2.3740 (205.5098917d) Dec: -24 41 52.11 (-24.69781d) Equinox: J2000		V=(?) F140W 18.7	Reference Frame: ICRS				
<i>Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0	Sequence 1-3 Non-Int in emacs1341-O2-P1a (1E)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O2-P1a (1E)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O2-P1a (1E)	352.935448 Secs (352.935 Secs) [==>]	[1]
	4	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in emacs1341-O2-P1a (1E)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in emacs1341-O2-P1a (1E)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in emacs1341-O2-P1a (1E)	352.935448 Secs (352.935 Secs) [==>]	[2]



Proposal 15663 - emacs1341-O2-P1b (1F) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

Mon Sep 23 17:01:08 GMT 2019

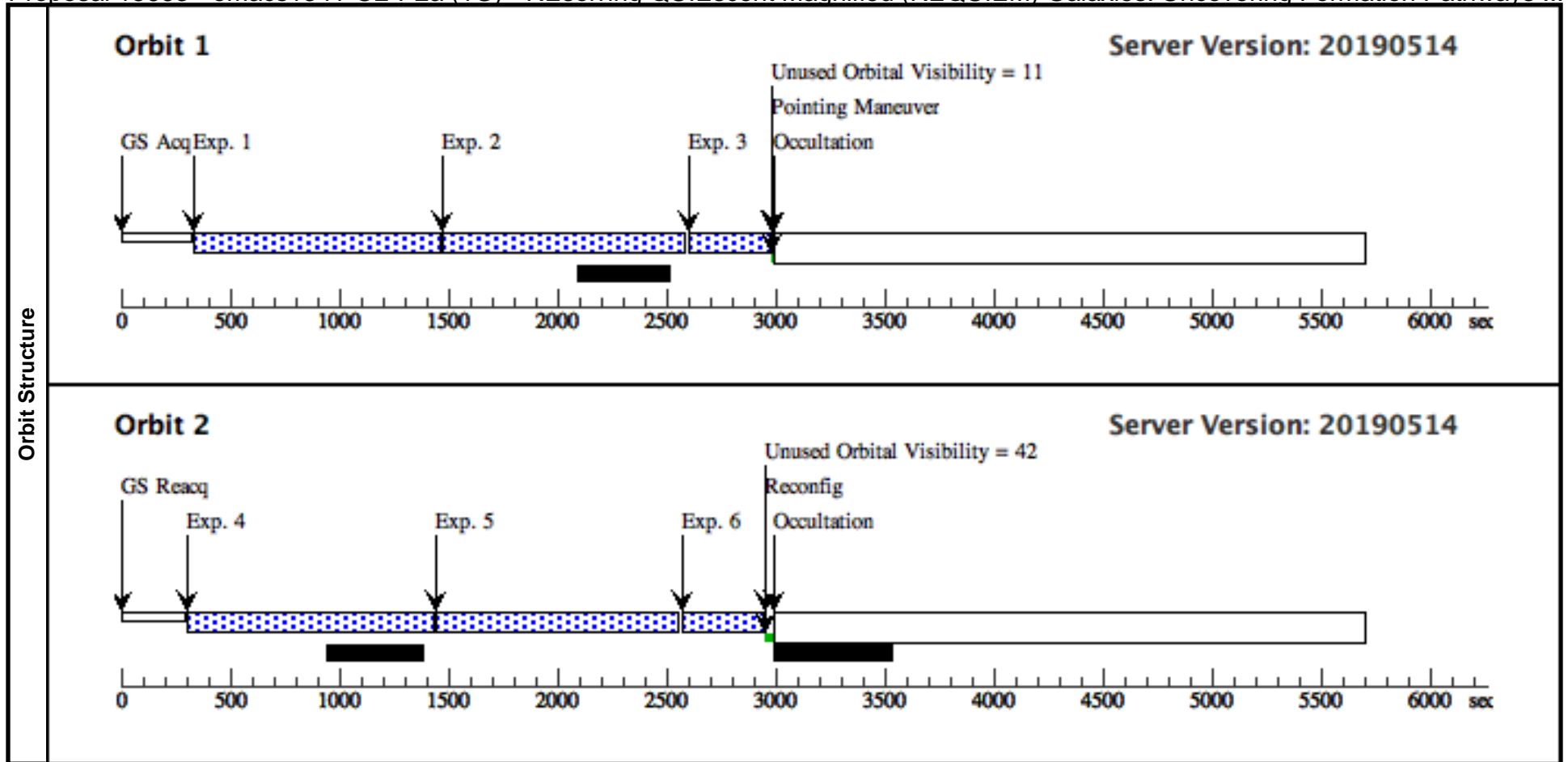
Visit	Proposal 15663, emacs1341-O2-P1b (1F), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 1E <i>Comments: EMACS1341, ORIENT 2, First pair, F125W direct imaging</i>									
	(emacs1341-O2-P1b (1F)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (emacs1341-O2-P1b (1F)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	EMACS1341-1	RA: 13 42 2.3740 (205.5098917d) Dec: -24 41 52.11 (-24.69781d) Equinox: J2000		V=(?) F140W 18.7	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0	Sequence 1-3 Non-Int in emacs1341-O2-P1b (1F)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O2-P1b (1F)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O2-P1b (1F)	352.935448 Secs (352.935 Secs) [==>]	[1]
	4	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in emacs1341-O2-P1b (1F)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in emacs1341-O2-P1b (1F)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in emacs1341-O2-P1b (1F)	352.935448 Secs (352.935 Secs) [==>]	[2]



Proposal 15663 - emacs1341-O2-P2a (1G) - Resolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

Mon Sep 23 17:01:08 GMT 2019

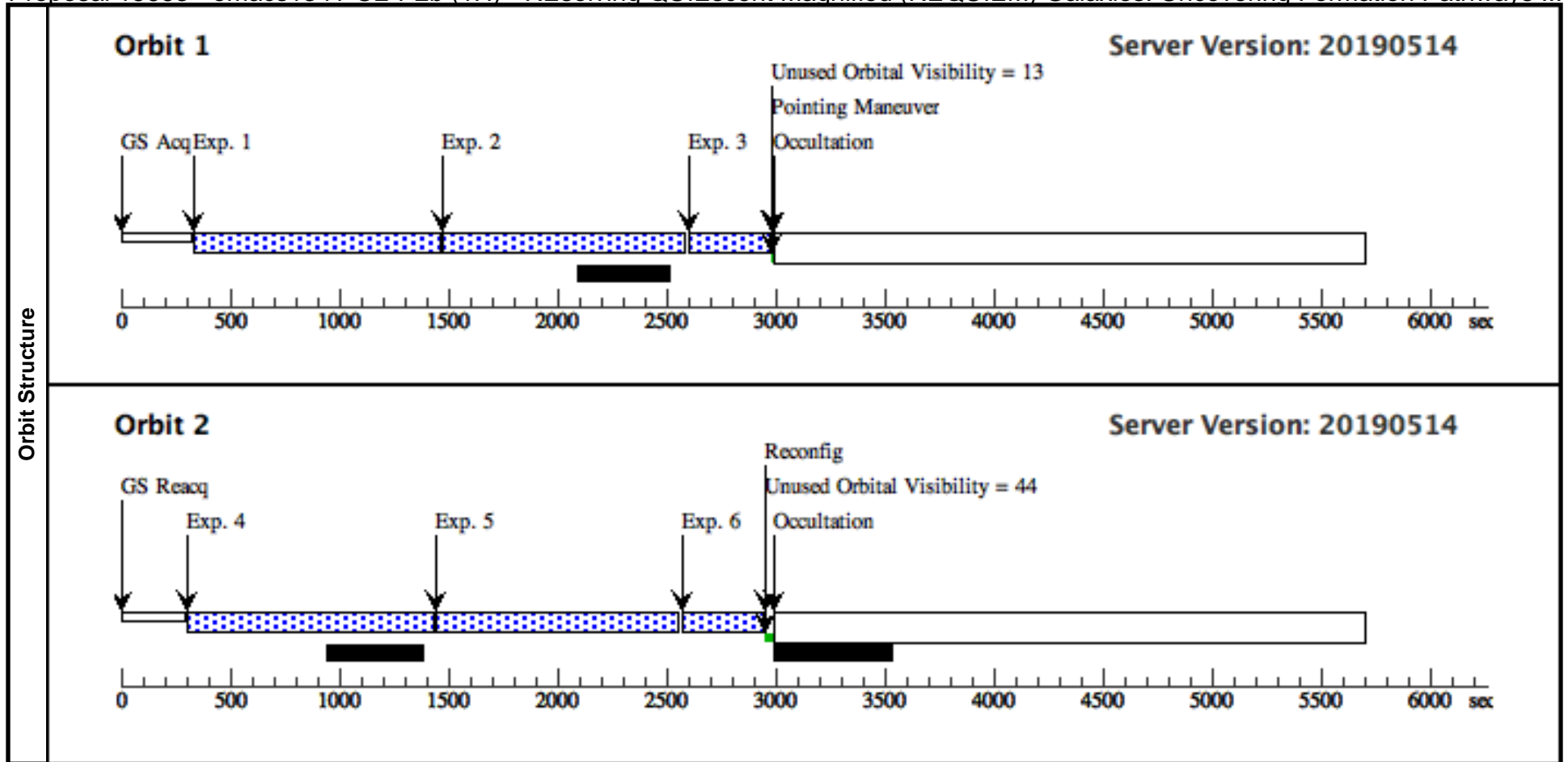
Visit	Proposal 15663, emacs1341-O2-P2a (1G), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 1E <i>Comments: EMACS1341, ORIENT 2, Second pair, F160W direct imaging</i>									
	(emacs1341-O2-P2a (1G)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (emacs1341-O2-P2a (1G)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	EMACS1341-1	RA: 13 42 2.3740 (205.5098917d) Dec: -24 41 52.11 (-24.69781d) Equinox: J2000		V=(?) F140W 18.7	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424	Sequence 1-3 Non-Int in emacs1341-O2-P2a (1G)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O2-P2a (1G)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O2-P2a (1G)	352.935448 Secs (352.935 Secs) [==>]	[1]
	4	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212	Sequence 4-6 Non-Int in emacs1341-O2-P2a (1G)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in emacs1341-O2-P2a (1G)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in emacs1341-O2-P2a (1G)	352.935448 Secs (352.935 Secs) [==>]	[2]



Proposal 15663 - emacs1341-O2-P2b (1H) - Resolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

Mon Sep 23 17:01:08 GMT 2019

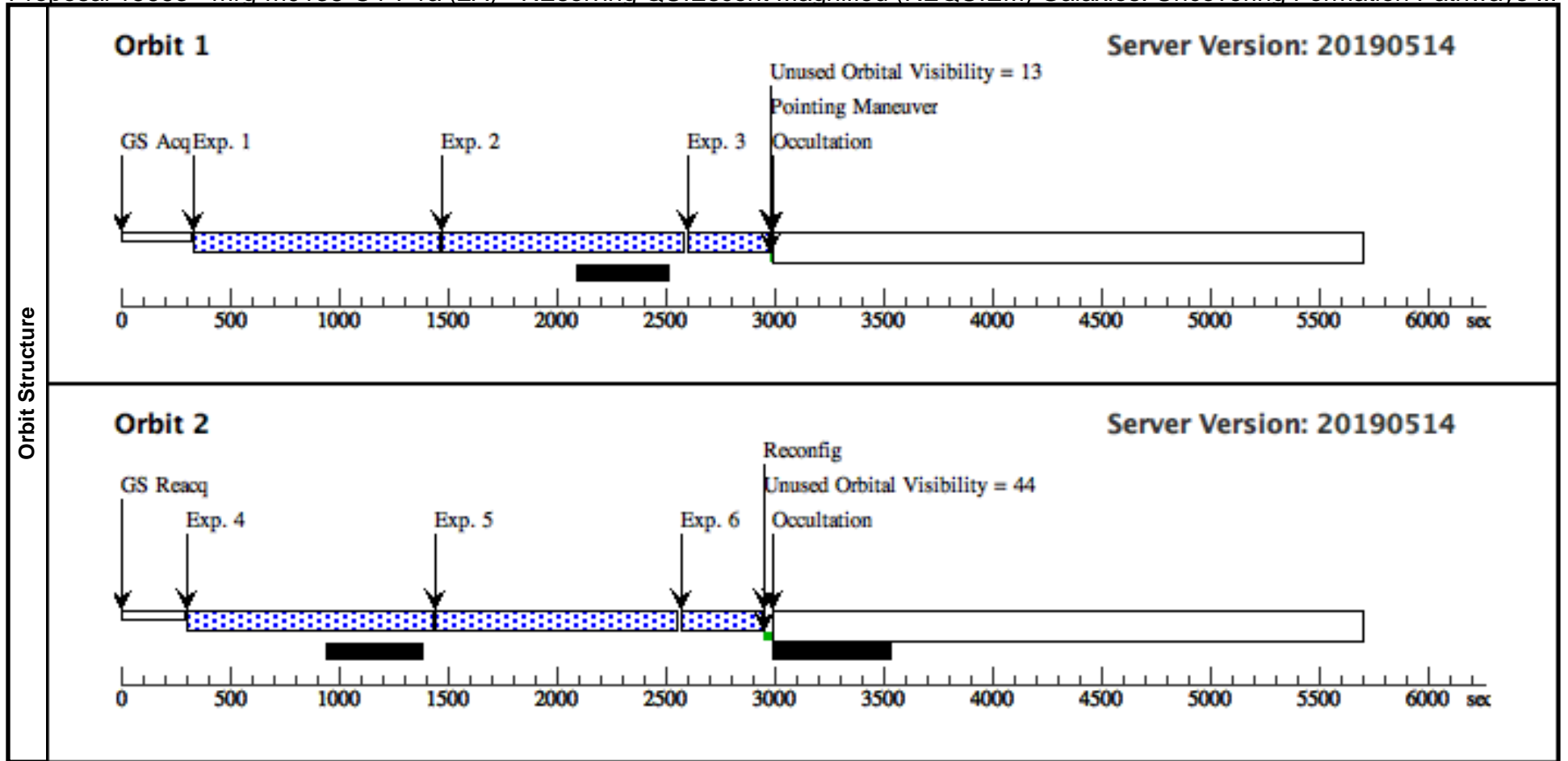
Visit	Proposal 15663, emacs1341-O2-P2b (1H), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 1E <i>Comments: EMACS1341, ORIENT 2, Second pair, F125W direct imaging</i>									
	(emacs1341-O2-P2b (1H)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (emacs1341-O2-P2b (1H)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	EMACS1341-1	RA: 13 42 2.3740 (205.5098917d) Dec: -24 41 52.11 (-24.69781d) Equinox: J2000		V=(?) F140W 18.7	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424	Sequence 1-3 Non-Int in emacs1341-O2-P2b (1H)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O2-P2b (1H)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in emacs1341-O2-P2b (1H)	352.935448 Secs (352.935 Secs) [==>]	[1]
	4	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212	Sequence 4-6 Non-Int in emacs1341-O2-P2b (1H)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in emacs1341-O2-P2b (1H)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(1) EMACS1341-1	(1) EMACS1341-1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in emacs1341-O2-P2b (1H)	352.935448 Secs (352.935 Secs) [==>]	[2]



Proposal 15663 - mrg-m0138-O1-P1a (2A) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

Mon Sep 23 17:01:08 GMT 2019

Visit	Proposal 15663, mrg-m0138-O1-P1a (2A), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 245.4D TO 245.4 D <i>Comments: MRG-M0138, ORIENT 1, First pair, F110W direct imaging</i>									
	(mrg-m0138-O1-P1a (2A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (mrg-m0138-O1-P1a (2A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	MRG-M0138	RA: 01 38 3.9100 (24.5162917d) Dec: -21 55 49.32 (-21.93037d) Equinox: J2000		V=(?) F160W 17.28	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0; GS ACQ SCENARI O BASE1B3	Sequence 1-3 Non-Int in mrg-m0138-O1-P1a (2A)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in mrg-m0138-O1-P1a (2A)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in mrg-m0138-O1-P1a (2A)	352.935448 Secs (352.935 Secs) [==>]	[1]
	4	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in mrg-m0138-O1-P1a (2A)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in mrg-m0138-O1-P1a (2A)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in mrg-m0138-O1-P1a (2A)	352.935448 Secs (352.935 Secs) [==>]	[2]

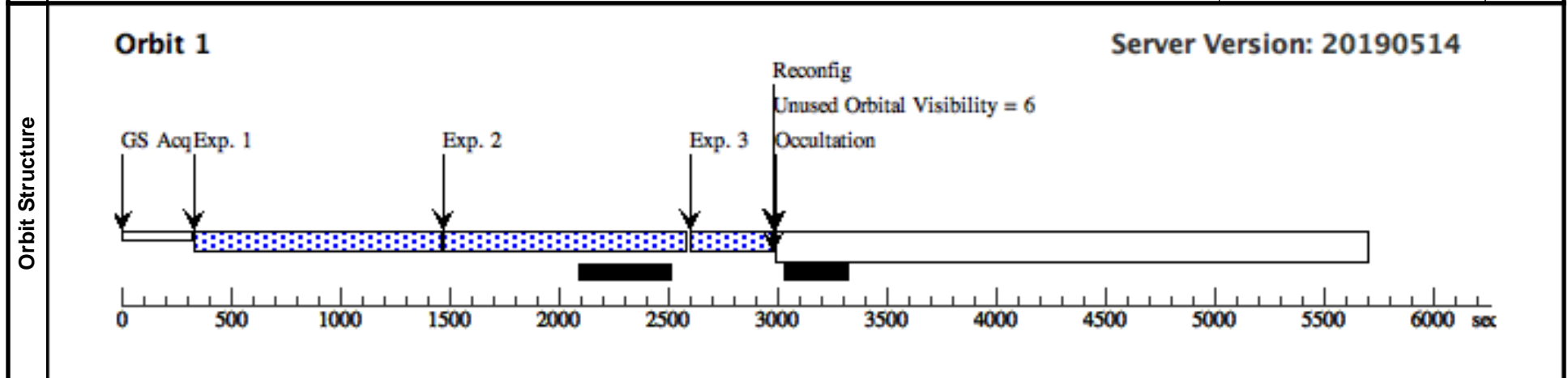


Visit	<p>Proposal 15663, mrg-m0138-O1-P2 (2B), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 80%; SAME ORIENT AS 2A</p> <p><i>Comments: MRG-M0138, ORIENT 1, F140W direct imaging</i></p>
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Diagnostics	(mrg-m0138-O1-P2 (2B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
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Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>MRG-M0138</td> <td>RA: 01 38 3.9100 (24.5162917d) Dec: -21 55 49.32 (-21.93037d) Equinox: J2000</td> <td></td> <td>V=(?) F160W 17.28</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]</i></p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	MRG-M0138	RA: 01 38 3.9100 (24.5162917d) Dec: -21 55 49.32 (-21.93037d) Equinox: J2000		V=(?) F160W 17.28	Reference Frame: ICRS
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(2)	MRG-M0138	RA: 01 38 3.9100 (24.5162917d) Dec: -21 55 49.32 (-21.93037d) Equinox: J2000		V=(?) F160W 17.28	Reference Frame: ICRS								

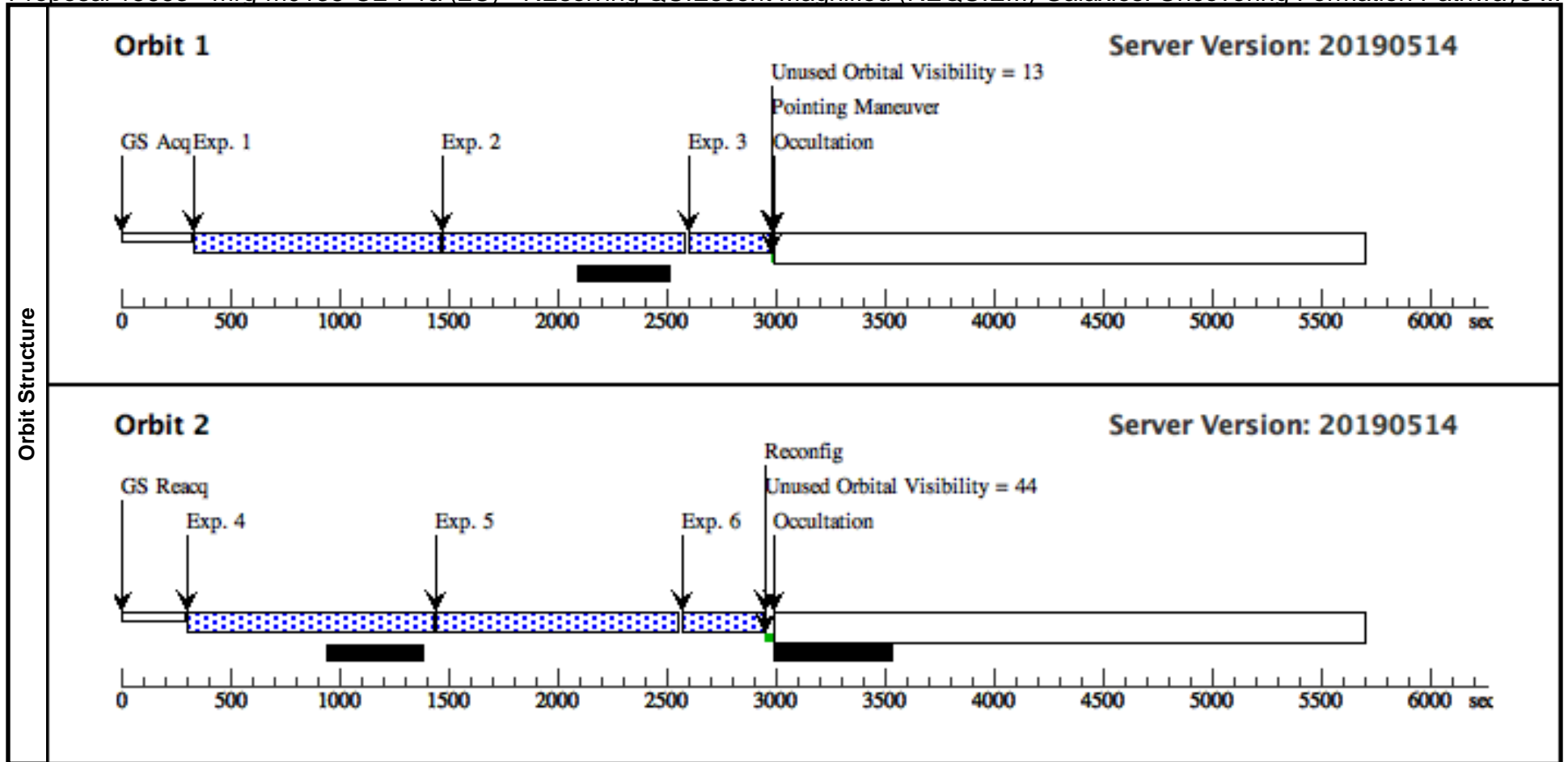
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424; GS ACQ SCENARI O BASE1B3	Sequence 1-3 Non-Int in mrg-m0138-O1-P2 (2B)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
2	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in mrg-m0138-O1-P2 (2B)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
3	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in mrg-m0138-O1-P2 (2B)	352.935448 Secs (352.935 Secs) [==>]	[1]



Proposal 15663 - mrg-m0138-O2-P1a (2C) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

Mon Sep 23 17:01:08 GMT 2019

Visit	Proposal 15663, mrg-m0138-O2-P1a (2C), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 239.4D TO 239.4 D <i>Comments: MRG-M0138, ORIENT 2, First pair, F125W direct imaging</i>									
	(mrg-m0138-O2-P1a (2C)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (mrg-m0138-O2-P1a (2C)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	MRG-M0138	RA: 01 38 3.9100 (24.5162917d) Dec: -21 55 49.32 (-21.93037d) Equinox: J2000		V=(?) F160W 17.28	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0; GS ACQ SCENARI O BASE1B3	Sequence 1-3 Non-Int in mrg-m0138-O2-P1a (2C)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in mrg-m0138-O2-P1a (2C)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in mrg-m0138-O2-P1a (2C)	352.935448 Secs (352.935 Secs) [==>]	[1]
	4	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in mrg-m0138-O2-P1a (2C)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in mrg-m0138-O2-P1a (2C)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in mrg-m0138-O2-P1a (2C)	352.935448 Secs (352.935 Secs) [==>]	[2]

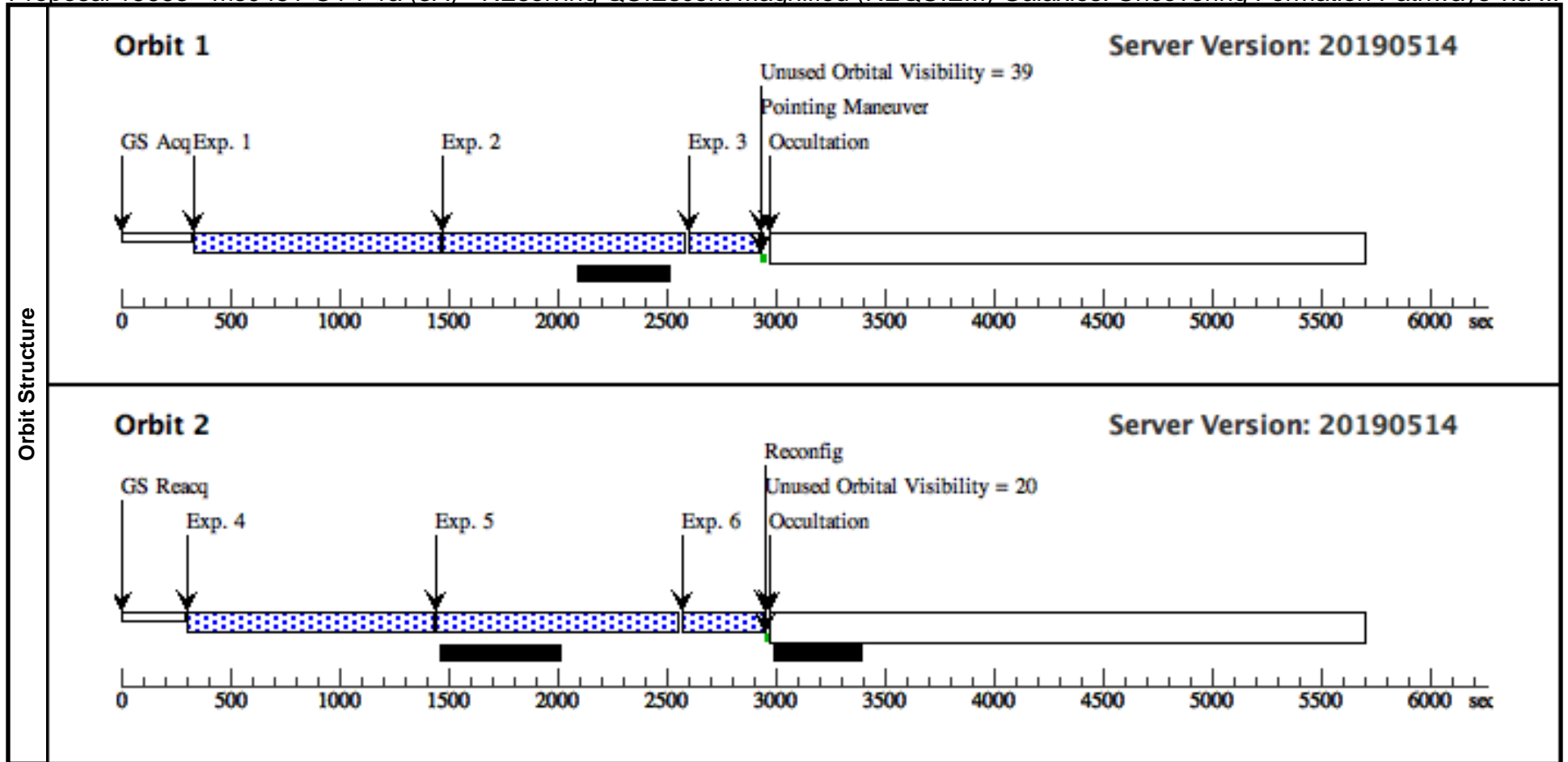


Visit	Proposal 15663, mrg-m0138-O2-P2 (2D), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 2C <i>Comments: MRG-M0138, ORIENT 2, F140W direct imaging</i>									
	(mrg-m0138-O2-P2 (2D)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	MRG-M0138	RA: 01 38 3.9100 (24.5162917d) Dec: -21 55 49.32 (-21.93037d) Equinox: J2000		V=(?) F160W 17.28	Reference Frame: ICRS				
<i>Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212; GS ACQ SCENARIO BASE1B3	Sequence 1-3 Non-Int in mrg-m0138-O2-P2 (2D)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in mrg-m0138-O2-P2 (2D)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(2) MRG-M0138	(2) MRG-M0138	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in mrg-m0138-O2-P2 (2D)	352.935448 Secs (352.935 Secs) [==>]	[1]
Orbit Structure	Orbit 1 Server Version: 20190514									
	<p>The diagram shows a horizontal timeline from 0 to 6000 seconds. A blue hatched bar represents the observation period, starting at approximately 200 seconds and ending at 3000 seconds. Key events are marked with arrows: 'GS Acq Exp. 1' at ~200s, 'Exp. 2' at ~1500s, 'Exp. 3' at ~2600s, 'Reconfig' at ~3000s, and 'Occultation' at ~3000s. A label 'Unused Orbital Visibility = 6' points to the period from 3000s to ~5700s. The x-axis is labeled 'sec' and has major ticks every 500 units.</p>									

Proposal 15663 - ms0451-O1-P1a (3A) - RESolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways via ...

Mon Sep 23 17:01:08 GMT 2019

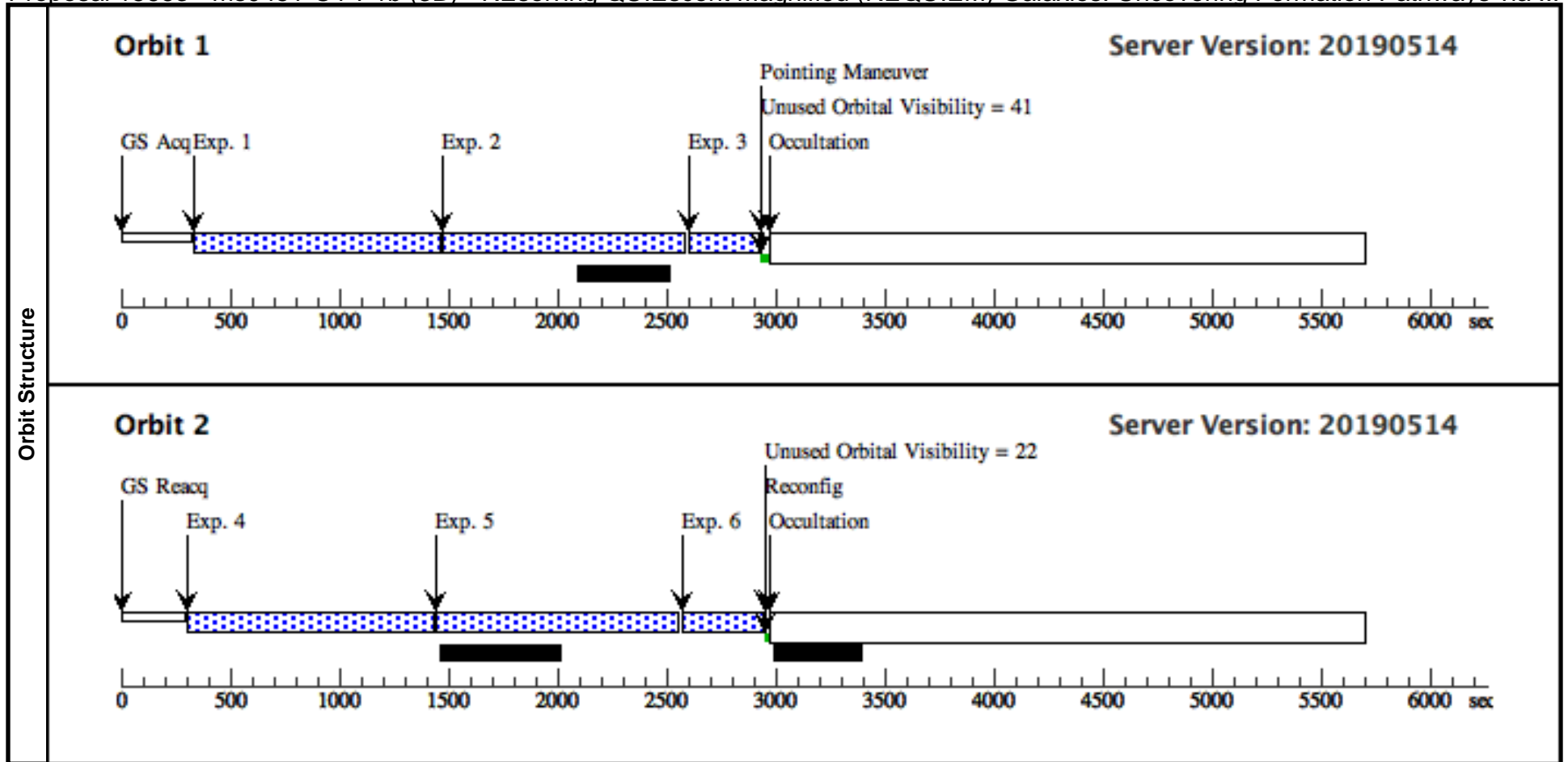
Visit	Proposal 15663, ms0451-O1-P1a (3A), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 2.42D TO 2.42 D <i>Comments: MS-0451, ORIENT 1, First pair, F105W direct imaging</i>									
	(ms0451-O1-P1a (3A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (ms0451-O1-P1a (3A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	MS0451-03	RA: 04 54 12.6410 (73.5526708d) Dec: -03 01 15.99 (-3.02111d) Equinox: J2000		V=(?) F160W 20.19	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0	Sequence 1-3 Non-Int in ms0451-O1-P1a (3A)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in ms0451-O1-P1a (3A)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in ms0451-O1-P1a (3A)	302.934997 Secs (302.935 Secs) [==>]	[1]
	4	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in ms0451-O1-P1a (3A)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in ms0451-O1-P1a (3A)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in ms0451-O1-P1a (3A)	352.935448 Secs (352.935 Secs) [==>]	[2]



Proposal 15663 - ms0451-O1-P1b (3B) - RESolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways via ...

Mon Sep 23 17:01:08 GMT 2019

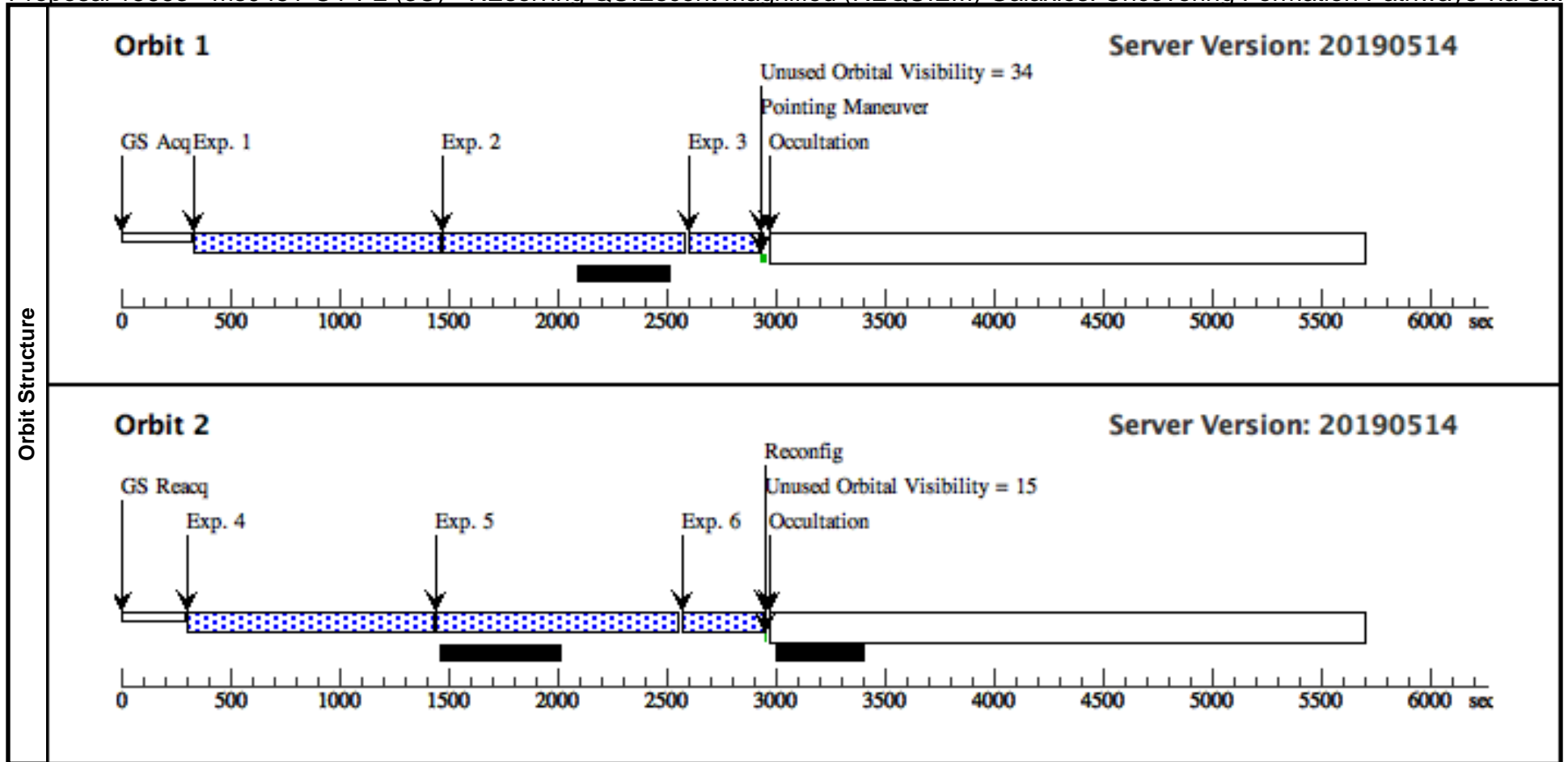
Visit	Proposal 15663, ms0451-O1-P1b (3B), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 3A <i>Comments: MS-0451, ORIENT 1, First pair, F125W direct imaging</i>									
	(ms0451-O1-P1b (3B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (ms0451-O1-P1b (3B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	MS0451-03	RA: 04 54 12.6410 (73.5526708d) Dec: -03 01 15.99 (-3.02111d) Equinox: J2000		V=(?) F160W 20.19	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0	Sequence 1-3 Non-Int in ms0451-O1-P1b (3B)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in ms0451-O1-P1b (3B)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in ms0451-O1-P1b (3B)	302.934997 Secs (302.935 Secs) [==>]	[1]
	4	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in ms0451-O1-P1b (3B)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in ms0451-O1-P1b (3B)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in ms0451-O1-P1b (3B)	352.935448 Secs (352.935 Secs) [==>]	[2]



Proposal 15663 - ms0451-O1-P2 (3C) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways via S...

Mon Sep 23 17:01:08 GMT 2019

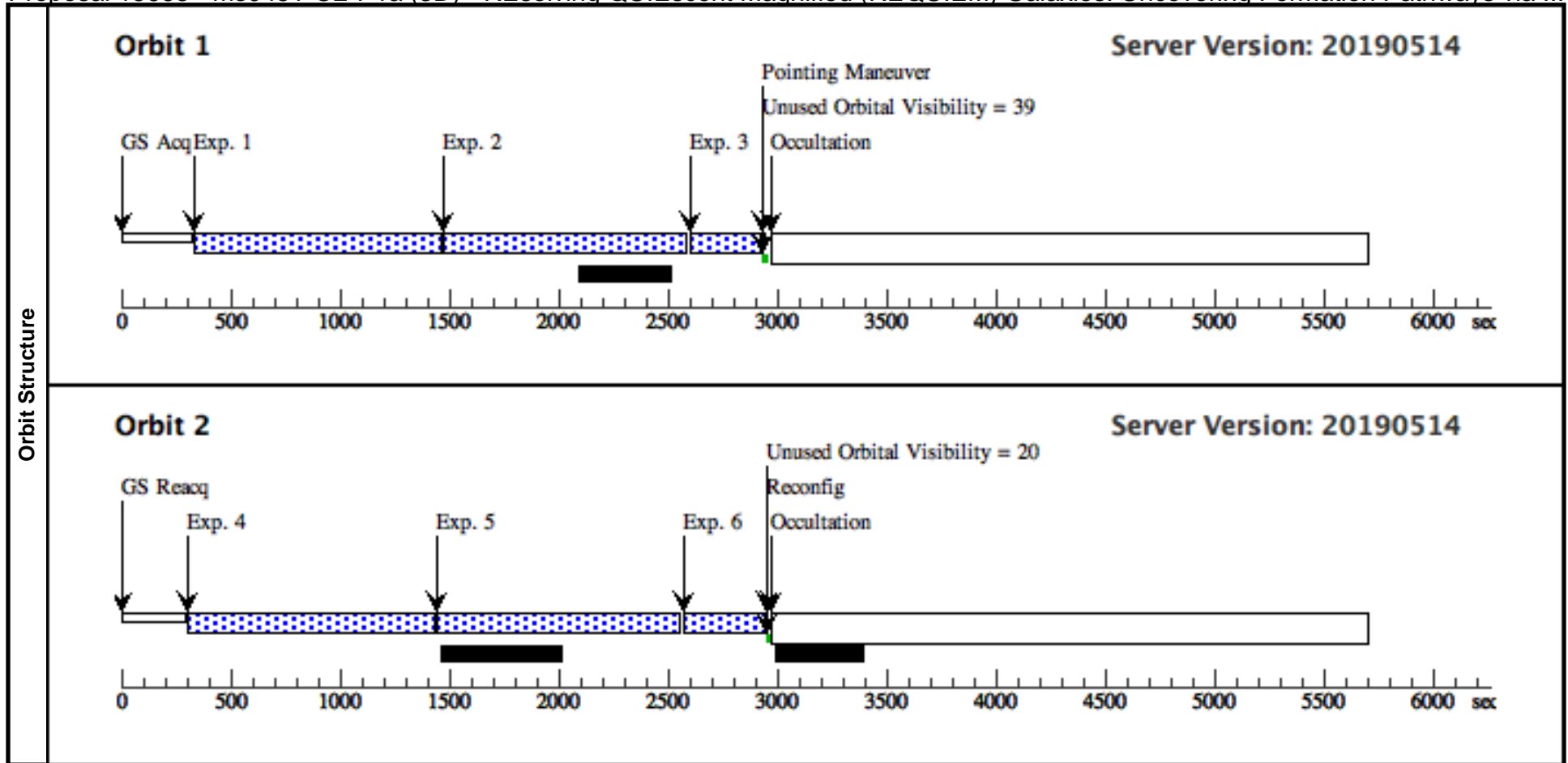
Visit	Proposal 15663, ms0451-O1-P2 (3C), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 3A <i>Comments: MS-0451, ORIENT 1, First pair, F140W direct imaging</i>									
	(ms0451-O1-P2 (3C)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (ms0451-O1-P2 (3C)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	MS0451-03	RA: 04 54 12.6410 (73.5526708d) Dec: -03 01 15.99 (-3.02111d) Equinox: J2000		V=(?) F160W 20.19	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424	Sequence 1-3 Non-Int in ms0451-O1-P2 (3C)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in ms0451-O1-P2 (3C)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in ms0451-O1-P2 (3C)	302.934997 Secs (302.935 Secs) [==>]	[1]
	4	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212	Sequence 4-6 Non-Int in ms0451-O1-P2 (3C)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in ms0451-O1-P2 (3C)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in ms0451-O1-P2 (3C)	352.935448 Secs (352.935 Secs) [==>]	[2]



Proposal 15663 - ms0451-O2-P1a (3D) - RESolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways via ...

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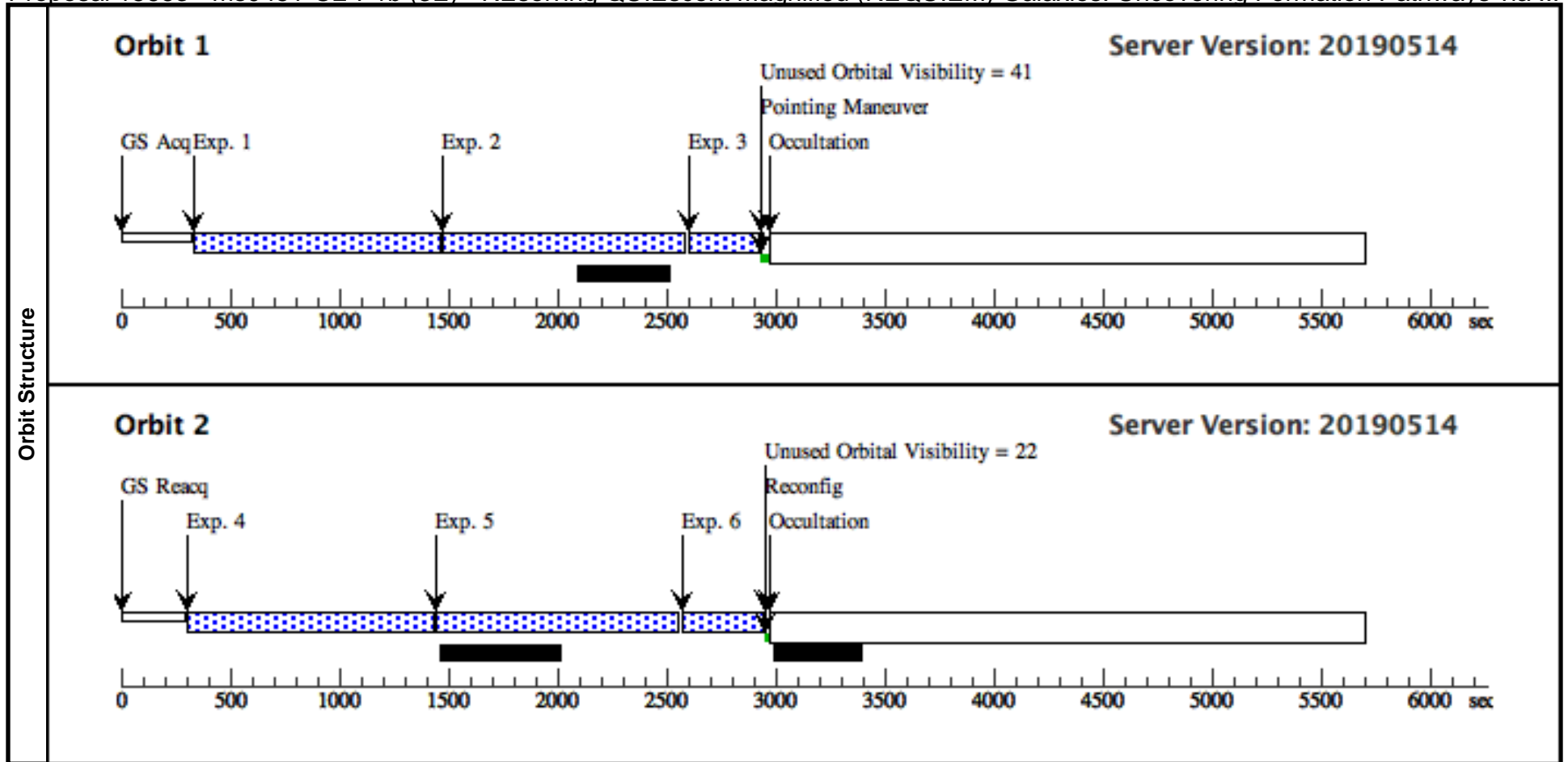
Visit	Proposal 15663, ms0451-O2-P1a (3D), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 346.3D TO 346.3 D <i>Comments: MS-0451, ORIENT 2, First pair, F105W direct imaging</i>									
	(ms0451-O2-P1a (3D)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (ms0451-O2-P1a (3D)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	MS0451-03	RA: 04 54 12.6410 (73.5526708d) Dec: -03 01 15.99 (-3.02111d) Equinox: J2000		V=(?) F160W 20.19	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0	Sequence 1-3 Non-Int in ms0451-O2-P1a (3D)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in ms0451-O2-P1a (3D)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in ms0451-O2-P1a (3D)	302.934997 Secs (302.935 Secs) [==>]	[1]
	4	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in ms0451-O2-P1a (3D)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in ms0451-O2-P1a (3D)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in ms0451-O2-P1a (3D)	352.935448 Secs (352.935 Secs) [==>]	[2]



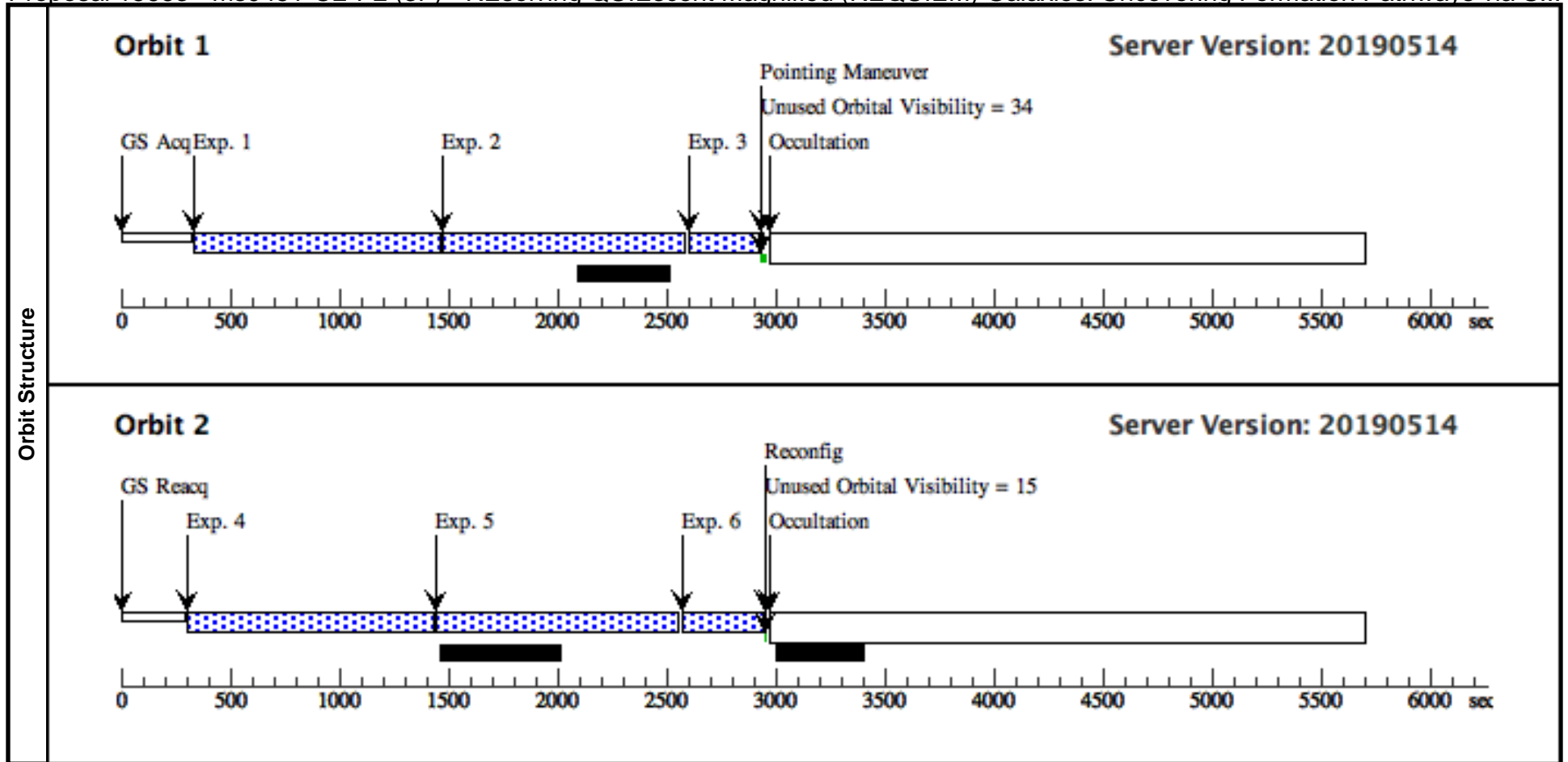
Proposal 15663 - ms0451-O2-P1b (3E) - RESolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways via ...

Mon Sep 23 17:01:08 GMT 2019

Visit	Proposal 15663, ms0451-O2-P1b (3E), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 3D <i>Comments: MS-0451, ORIENT 2, First pair, F125W direct imaging</i>									
	(ms0451-O2-P1b (3E)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (ms0451-O2-P1b (3E)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	MS0451-03	RA: 04 54 12.6410 (73.5526708d) Dec: -03 01 15.99 (-3.02111d) Equinox: J2000		V=(?) F160W 20.19	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0	Sequence 1-3 Non-Int in ms0451-O2-P1b (3E)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in ms0451-O2-P1b (3E)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in ms0451-O2-P1b (3E)	302.934997 Secs (302.935 Secs) [==>]	[1]
	4	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in ms0451-O2-P1b (3E)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in ms0451-O2-P1b (3E)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in ms0451-O2-P1b (3E)	352.935448 Secs (352.935 Secs) [==>]	[2]



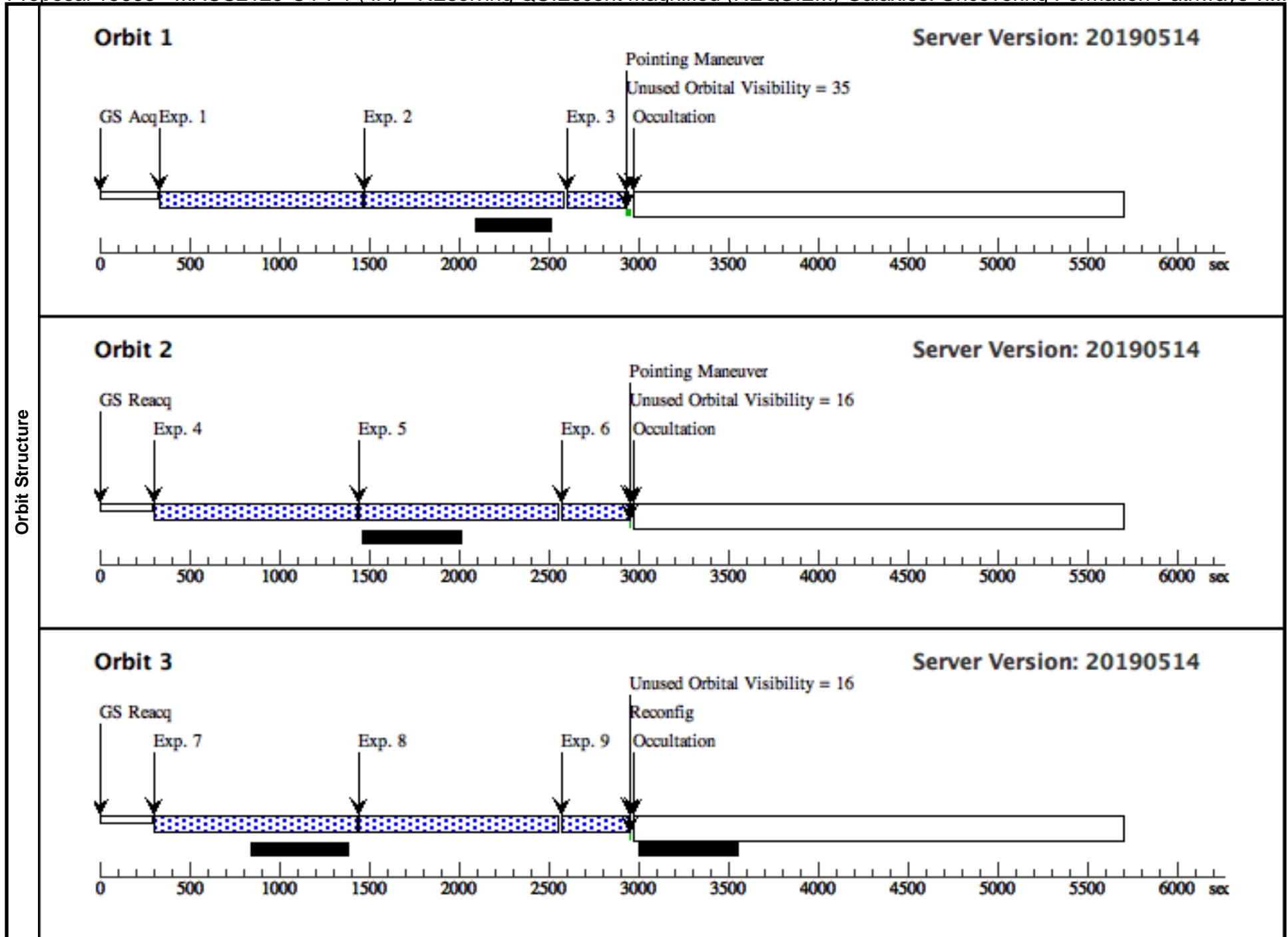
Visit	Proposal 15663, ms0451-O2-P2 (3F), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 3D <i>Comments: MS-0451, ORIENT 2, Second pair, F140W direct imaging</i>									
	(ms0451-O2-P2 (3F)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (ms0451-O2-P2 (3F)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	MS0451-03	RA: 04 54 12.6410 (73.5526708d) Dec: -03 01 15.99 (-3.02111d) Equinox: J2000		V=(?) F160W 20.19	Reference Frame: ICRS				
<i>Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424	Sequence 1-3 Non-Int in ms0451-O2-P2 (3F)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in ms0451-O2-P2 (3F)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in ms0451-O2-P2 (3F)	302.934997 Secs (302.935 Secs) [==>]	[1]
	4	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212	Sequence 4-6 Non-Int in ms0451-O2-P2 (3F)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in ms0451-O2-P2 (3F)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(3) MS0451-03	(3) MS0451-03	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in ms0451-O2-P2 (3F)	352.935448 Secs (352.935 Secs) [==>]	[2]



Proposal 15663 - MACS2129-O1-P1 (4A) - Resolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways vi...

Mon Sep 23 17:01:08 GMT 2019

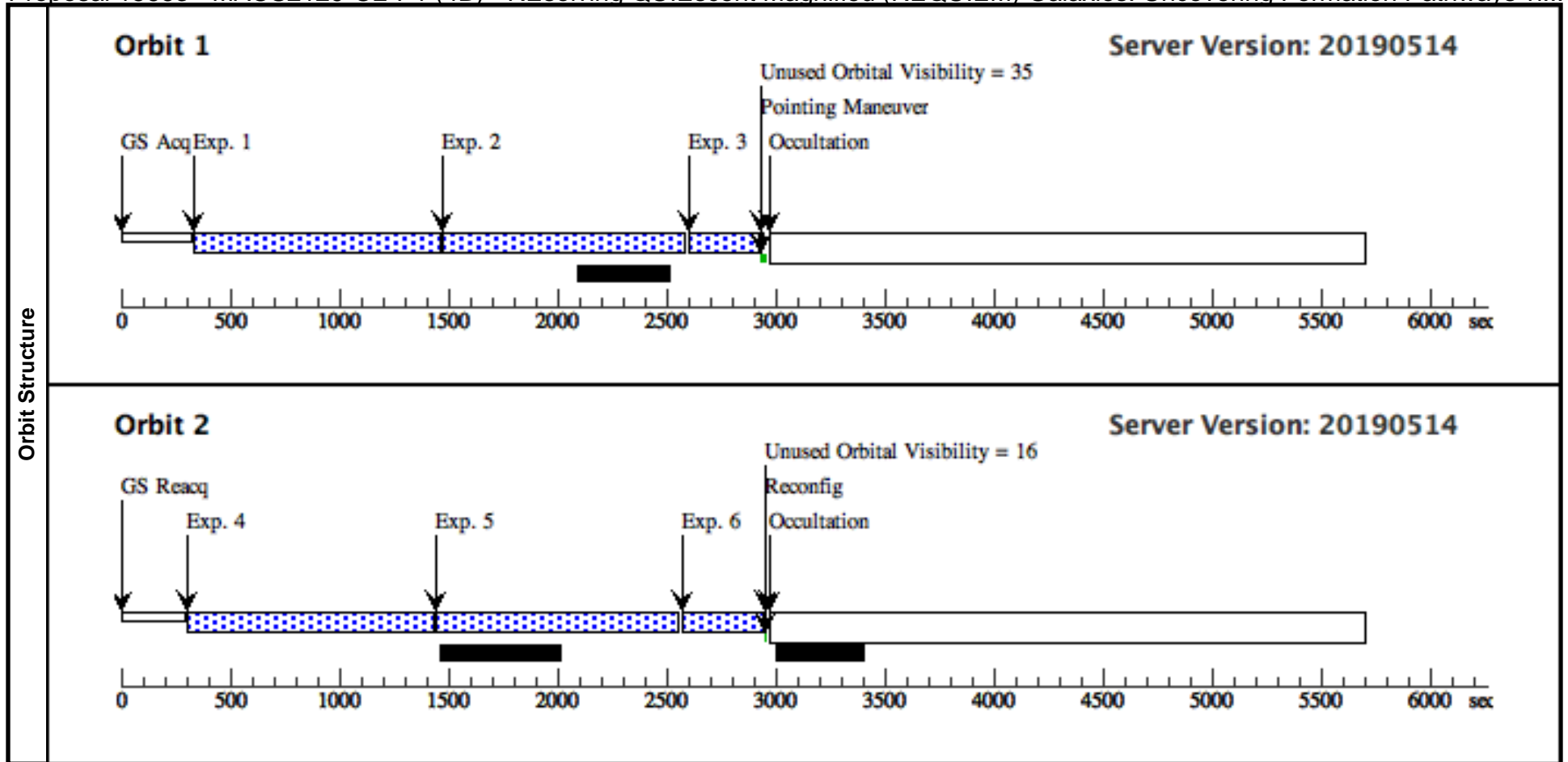
Visit	Proposal 15663, MACS2129-O1-P1 (4A), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 96D TO 96 D <i>Comments: MACS2129, ORIENT 1, F140W direct imaging</i>									
	(MACS2129-O1-P1 (4A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MACS2129-O1-P1 (4A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MACS2129-O1-P1 (4A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(4)	MACS2129-1	RA: 21 29 22.3760 (322.3432333d) Dec: -07 41 31.52 (-7.69209d) Equinox: J2000			V=(?) F160W 20.16	Reference Frame: ICRS			
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0	Sequence 1-3 Non-Int in MACS2129-O1-P1 (4A)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MACS2129-O1-P1 (4A)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in MACS2129-O1-P1 (4A)	302.934997 Secs (302.935 Secs) [==>]	[1]
	4	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in MACS2129-O1-P1 (4A)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in MACS2129-O1-P1 (4A)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in MACS2129-O1-P1 (4A)	352.935448 Secs (352.935 Secs) [==>]	[2]
	7	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424	Sequence 7-9 Non-Int in MACS2129-O1-P1 (4A)	1102.935844 Secs (1102.936 Secs) [==>]	[3]
	8	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 7	Sequence 7-9 Non-Int in MACS2129-O1-P1 (4A)	1102.935844 Secs (1102.936 Secs) [==>]	[3]
	9	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 7	Sequence 7-9 Non-Int in MACS2129-O1-P1 (4A)	352.935448 Secs (352.935 Secs) [==>]	[3]



Proposal 15663 - MACS2129-O2-P1 (4B) - RESolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways vi...

Mon Sep 23 17:01:09 GMT 2019

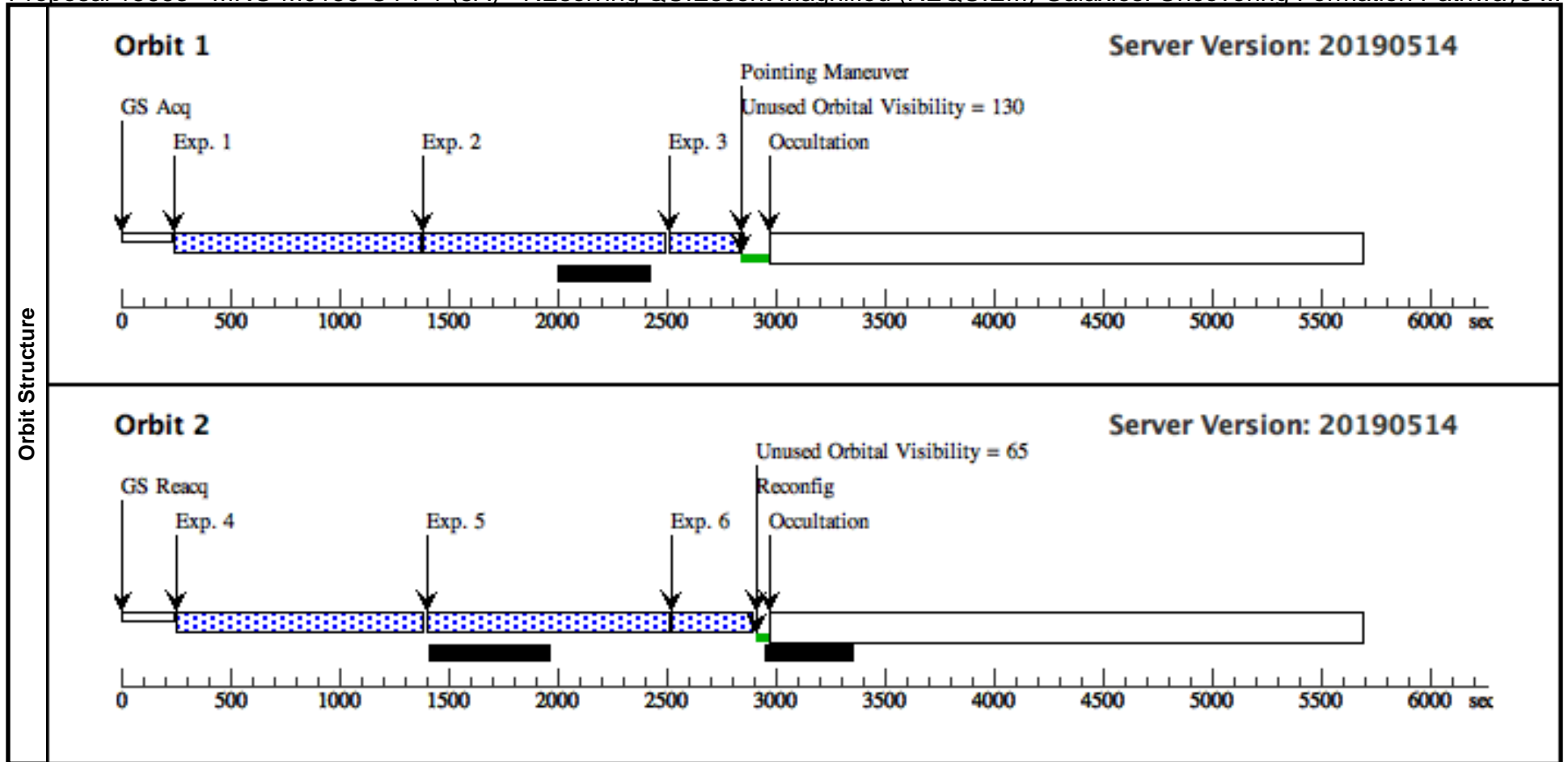
Visit	Proposal 15663, MACS2129-O2-P1 (4B), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 136D TO 136 D <i>Comments: MACS2129, ORIENT 2, First pair, F140W direct imaging</i>									
	(MACS2129-O2-P1 (4B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MACS2129-O2-P1 (4B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	MACS2129-1	RA: 21 29 22.3760 (322.3432333d) Dec: -07 41 31.52 (-7.69209d) Equinox: J2000		V=(?) F160W 20.16	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0	Sequence 1-3 Non-Int in MACS2129-O2-P1 (4B)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	2	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MACS2129-O2-P1 (4B)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in MACS2129-O2-P1 (4B)	302.934997 Secs (302.935 Secs) [==>]	[1]
	4	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212	Sequence 4-6 Non-Int in MACS2129-O2-P1 (4B)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	5	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in MACS2129-O2-P1 (4B)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(4) MACS2129-1	(4) MACS2129-1	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in MACS2129-O2-P1 (4B)	352.935448 Secs (352.935 Secs) [==>]	[2]



Proposal 15663 - MRG-M0150-O1-P1 (5A) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

Mon Sep 23 17:01:09 GMT 2019

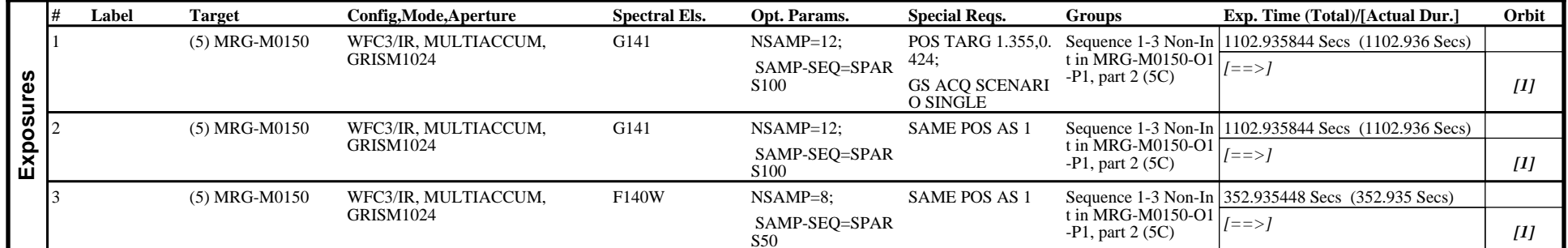
Visit	Proposal 15663, MRG-M0150-O1-P1 (5A), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 316.3D TO 316.3 D <i>Comments: MRG-M0150, ORIENT 1, First pair, F140W direct imaging</i>				
	(MRG-M0150-O1-P1 (5A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-M0150-O1-P1 (5A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE				
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous				
	(5) MRG-M0150 RA: 01 50 20.1080 (27.5837833d) Dec: -10 05 32.95 (-10.09249d) Equinox: J2000 Fluxes: V=(?) F160W: 19.9 Reference Frame: ICRS <i>Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]</i>				
Exposures	# Label Target Config,Mode,Aperture Spectral Els. Opt. Params. Special Reqs. Groups Exp. Time (Total)/[Actual Dur.] Orbit				
	1 (5) MRG-M0150 WFC3/IR, MULTIACCUM, GRISM1024 G141 NSAMP=12; SAMP-SEQ=SPAR S100 POS TARG 0.0,0.0; GS ACQ SCENARIO SINGLE Sequence 1-3 Non-Int in MRG-M0150-O1-P1 (5A) 1102.935844 Secs (1102.936 Secs) [==>] [1]				
	2 (5) MRG-M0150 WFC3/IR, MULTIACCUM, GRISM1024 G141 NSAMP=12; SAMP-SEQ=SPAR S100 SAME POS AS 1 Sequence 1-3 Non-Int in MRG-M0150-O1-P1 (5A) 1102.935844 Secs (1102.936 Secs) [==>] [1]				
	3 (5) MRG-M0150 WFC3/IR, MULTIACCUM, GRISM1024 F140W NSAMP=7; SAMP-SEQ=SPAR S50 SAME POS AS 1 Sequence 1-3 Non-Int in MRG-M0150-O1-P1 (5A) 302.934997 Secs (302.935 Secs) [==>] [1]				
	4 (5) MRG-M0150 WFC3/IR, MULTIACCUM, GRISM1024 G141 NSAMP=12; SAMP-SEQ=SPAR S100 POS TARG -0.474,0.788 Sequence 4-6 Non-Int in MRG-M0150-O1-P1 (5A) 1102.935844 Secs (1102.936 Secs) [==>] [2]				
	5 (5) MRG-M0150 WFC3/IR, MULTIACCUM, GRISM1024 G141 NSAMP=12; SAMP-SEQ=SPAR S100 SAME POS AS 4 Sequence 4-6 Non-Int in MRG-M0150-O1-P1 (5A) 1102.935844 Secs (1102.936 Secs) [==>] [2]				
	6 (5) MRG-M0150 WFC3/IR, MULTIACCUM, GRISM1024 F140W NSAMP=8; SAMP-SEQ=SPAR S50 SAME POS AS 4 Sequence 4-6 Non-Int in MRG-M0150-O1-P1 (5A) 352.935448 Secs (352.935 Secs) [==>] [2]				



Visit	Proposal 15663, MRG-M0150-O1-P1, part 2 (5C) Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 316.3D TO 316.3 D <i>Comments: MRG-M0150, ORIENT 1, First pair, F140W direct imaging, part 2</i>
	(MRG-M0150-O1-P1, part 2 (5C)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>MRG-M0150</td> <td>RA: 01 50 20.1080 (27.5837833d) Dec: -10 05 32.95 (-10.09249d) Equinox: J2000</td> <td></td> <td>V=(?) F160W: 19.9</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(5)	MRG-M0150	RA: 01 50 20.1080 (27.5837833d) Dec: -10 05 32.95 (-10.09249d) Equinox: J2000		V=(?) F160W: 19.9	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(5)	MRG-M0150	RA: 01 50 20.1080 (27.5837833d) Dec: -10 05 32.95 (-10.09249d) Equinox: J2000		V=(?) F160W: 19.9	Reference Frame: ICRS								
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]													

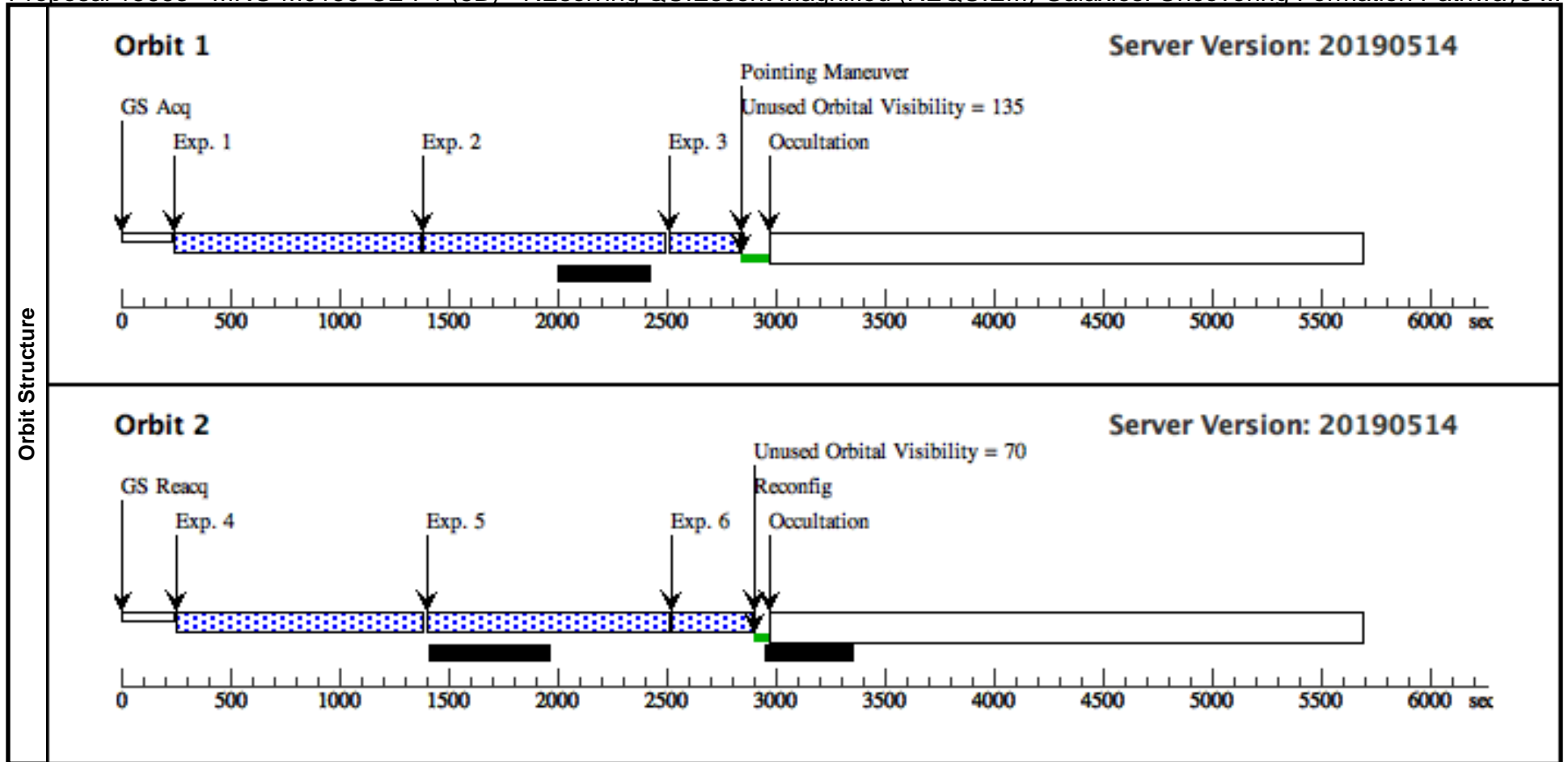
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424; GS ACQ SCENARIO SINGLE	Sequence 1-3 Non-Int in MRG-M0150-O1-P1, part 2 (5C)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
2	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-M0150-O1-P1, part 2 (5C)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
3	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-M0150-O1-P1, part 2 (5C)	352.935448 Secs (352.935 Secs) [==>]	[1]



Proposal 15663 - MRG-M0150-O2-P1 (5B) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

Mon Sep 23 17:01:09 GMT 2019

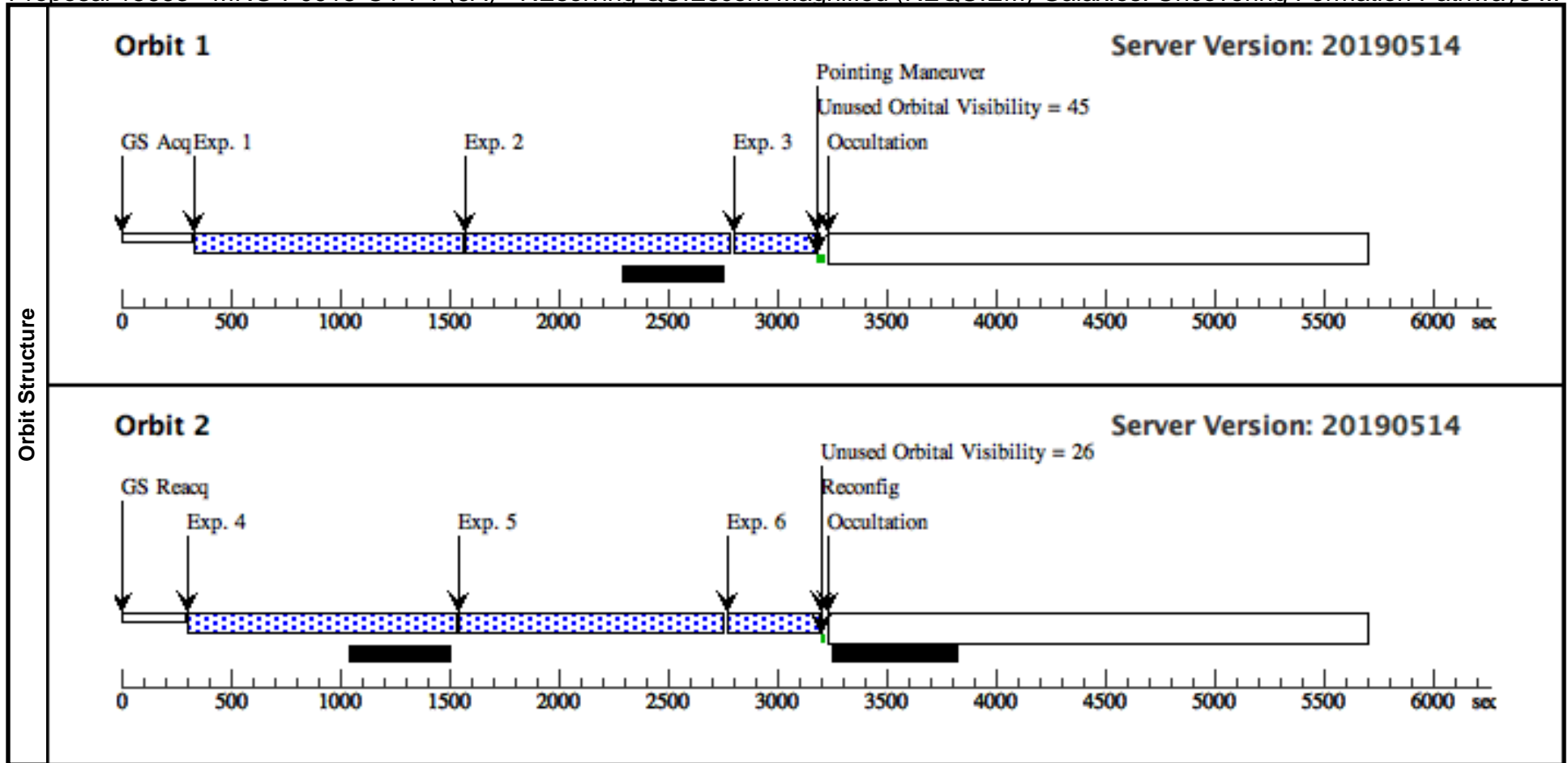
Visit	Proposal 15663, MRG-M0150-O2-P1 (5B), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 328.6D TO 328.6 D <i>Comments: MRG-M0150, ORIENT 2, First pair, F105W direct imaging</i>																																																																										
	(MRG-M0150-O2-P1 (5B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-M0150-O2-P1 (5B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE																																																																										
Diagnosics																																																																											
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>MRG-M0150</td> <td>RA: 01 50 20.1080 (27.5837833d) Dec: -10 05 32.95 (-10.09249d) Equinox: J2000</td> <td></td> <td>V=(?) F160W: 19.9</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(5)	MRG-M0150	RA: 01 50 20.1080 (27.5837833d) Dec: -10 05 32.95 (-10.09249d) Equinox: J2000		V=(?) F160W: 19.9	Reference Frame: ICRS																																																														
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																																																					
(5)	MRG-M0150	RA: 01 50 20.1080 (27.5837833d) Dec: -10 05 32.95 (-10.09249d) Equinox: J2000		V=(?) F160W: 19.9	Reference Frame: ICRS																																																																						
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]																																																																											
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(5) MRG-M0150</td> <td>(5) MRG-M0150</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>G141</td> <td>NSAMP=12; SAMP-SEQ=SPAR S100</td> <td>POS TARG 0.0,0.0; GS ACQ SCENARI O SINGLE</td> <td>Sequence 1-3 Non-Int in MRG-M0150-O2-P1 (5B)</td> <td>1102.935844 Secs (1102.936 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(5) MRG-M0150</td> <td>(5) MRG-M0150</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>G141</td> <td>NSAMP=12; SAMP-SEQ=SPAR S100</td> <td>SAME POS AS 1</td> <td>Sequence 1-3 Non-Int in MRG-M0150-O2-P1 (5B)</td> <td>1102.935844 Secs (1102.936 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(5) MRG-M0150</td> <td>(5) MRG-M0150</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>F105W</td> <td>NSAMP=7; SAMP-SEQ=SPAR S50</td> <td>SAME POS AS 1</td> <td>Sequence 1-3 Non-Int in MRG-M0150-O2-P1 (5B)</td> <td>302.934997 Secs (302.935 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(5) MRG-M0150</td> <td>(5) MRG-M0150</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>G141</td> <td>NSAMP=12; SAMP-SEQ=SPAR S100</td> <td>POS TARG 0.881,1.212</td> <td>Sequence 4-6 Non-Int in MRG-M0150-O2-P1 (5B)</td> <td>1102.935844 Secs (1102.936 Secs) [==>]</td> <td>[2]</td> </tr> <tr> <td>5</td> <td>(5) MRG-M0150</td> <td>(5) MRG-M0150</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>G141</td> <td>NSAMP=12; SAMP-SEQ=SPAR S100</td> <td>SAME POS AS 4</td> <td>Sequence 4-6 Non-Int in MRG-M0150-O2-P1 (5B)</td> <td>1102.935844 Secs (1102.936 Secs) [==>]</td> <td>[2]</td> </tr> <tr> <td>6</td> <td>(5) MRG-M0150</td> <td>(5) MRG-M0150</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>F105W</td> <td>NSAMP=8; SAMP-SEQ=SPAR S50</td> <td>SAME POS AS 4</td> <td>Sequence 4-6 Non-Int in MRG-M0150-O2-P1 (5B)</td> <td>352.935448 Secs (352.935 Secs) [==>]</td> <td>[2]</td> </tr> </tbody> </table>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0; GS ACQ SCENARI O SINGLE	Sequence 1-3 Non-Int in MRG-M0150-O2-P1 (5B)	1102.935844 Secs (1102.936 Secs) [==>]	[1]	2	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-M0150-O2-P1 (5B)	1102.935844 Secs (1102.936 Secs) [==>]	[1]	3	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-M0150-O2-P1 (5B)	302.934997 Secs (302.935 Secs) [==>]	[1]	4	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212	Sequence 4-6 Non-Int in MRG-M0150-O2-P1 (5B)	1102.935844 Secs (1102.936 Secs) [==>]	[2]	5	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-M0150-O2-P1 (5B)	1102.935844 Secs (1102.936 Secs) [==>]	[2]	6	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-M0150-O2-P1 (5B)	352.935448 Secs (352.935 Secs) [==>]	[2]				
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																	
	1	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0; GS ACQ SCENARI O SINGLE	Sequence 1-3 Non-Int in MRG-M0150-O2-P1 (5B)	1102.935844 Secs (1102.936 Secs) [==>]	[1]																																																																	
	2	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-M0150-O2-P1 (5B)	1102.935844 Secs (1102.936 Secs) [==>]	[1]																																																																	
	3	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-M0150-O2-P1 (5B)	302.934997 Secs (302.935 Secs) [==>]	[1]																																																																	
	4	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212	Sequence 4-6 Non-Int in MRG-M0150-O2-P1 (5B)	1102.935844 Secs (1102.936 Secs) [==>]	[2]																																																																	
	5	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-M0150-O2-P1 (5B)	1102.935844 Secs (1102.936 Secs) [==>]	[2]																																																																	
6	(5) MRG-M0150	(5) MRG-M0150	WFC3/IR, MULTIACCUM, GRISM1024	F105W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-M0150-O2-P1 (5B)	352.935448 Secs (352.935 Secs) [==>]	[2]																																																																		



Proposal 15663 - MRG-P0918-O1-P1 (6A) - RESolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

Mon Sep 23 17:01:09 GMT 2019

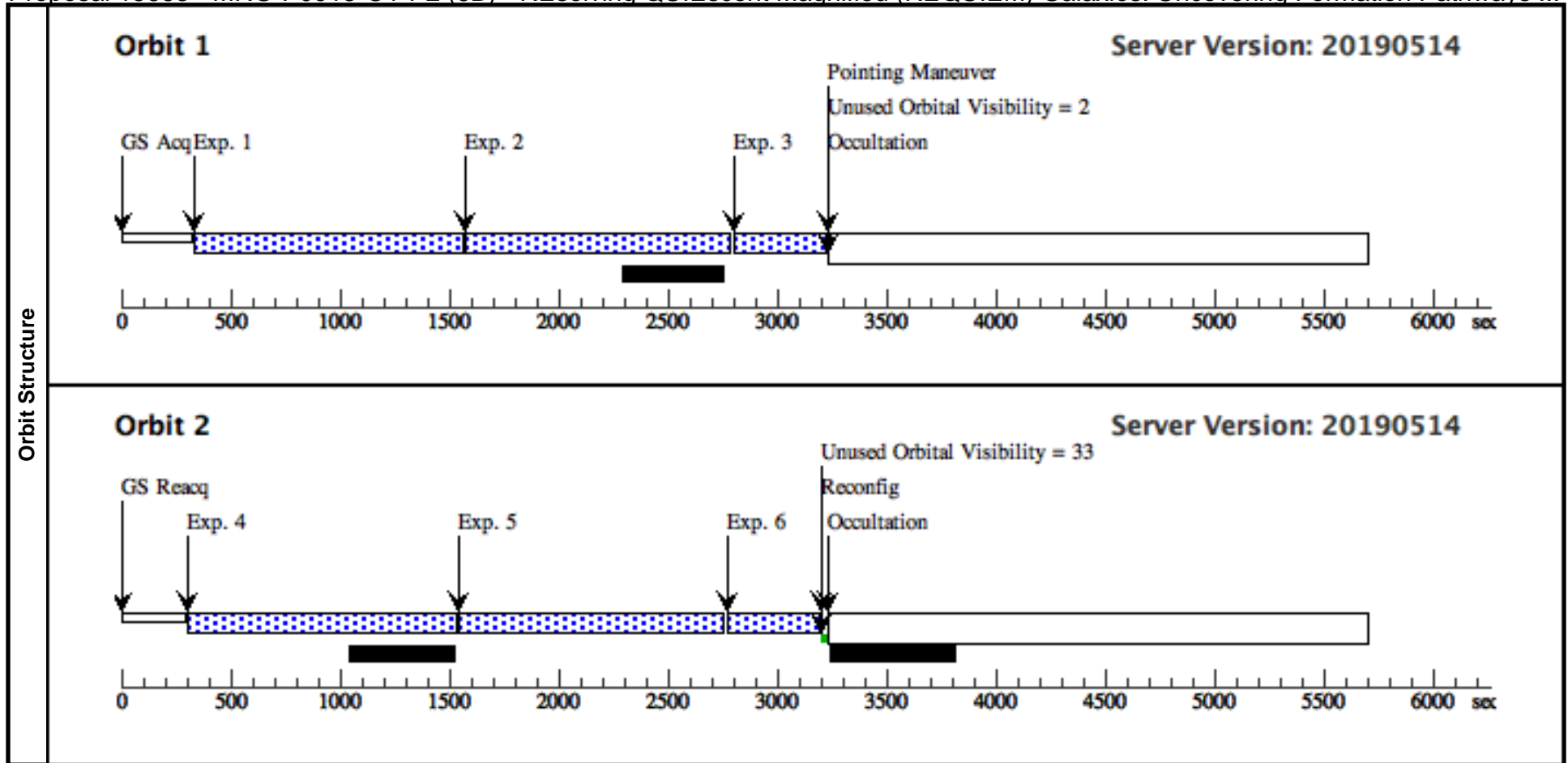
Visit	Proposal 15663, MRG-P0918-O1-P1 (6A), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 118.9D TO 118.9 D <i>Comments: MRG-P0918, ORIENT 1, First pair, F140W direct imaging</i>									
	(MRG-P0918-O1-P1 (6A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-P0918-O1-P1 (6A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	MRG-P0918	RA: 09 18 33.9940 (139.6416417d) Dec: -81 03 8.13 (-81.05226d) Equinox: J2000		V=(?) F160W 19.54	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0	Sequence 1-3 Non-Int in MRG-P0918-O1-P1 (6A)	1202.936167 Secs (1202.936 Secs) [==>]	[1]
	2	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-P0918-O1-P1 (6A)	1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-P0918-O1-P1 (6A)	352.935448 Secs (352.935 Secs) [==>]	[1]
	4	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in MRG-P0918-O1-P1 (6A)	1202.936167 Secs (1202.936 Secs) [==>]	[2]
	5	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-P0918-O1-P1 (6A)	1202.936167 Secs (1202.936 Secs) [==>]	[2]
	6	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-P0918-O1-P1 (6A)	402.935899 Secs (402.936 Secs) [==>]	[2]



Proposal 15663 - MRG-P0918-O1-P2 (6B) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

Mon Sep 23 17:01:09 GMT 2019

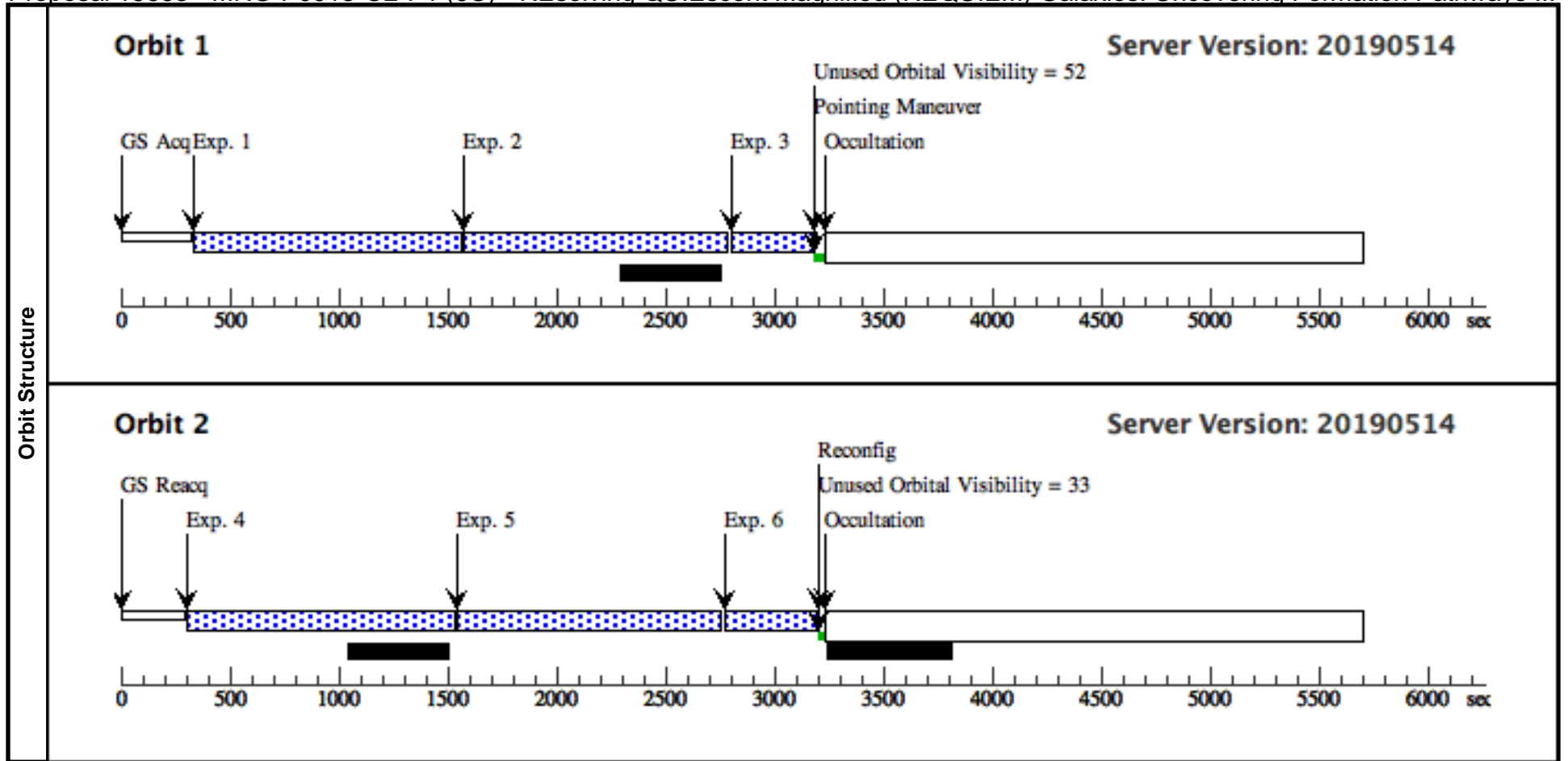
Visit	Proposal 15663, MRG-P0918-O1-P2 (6B), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 6A <i>Comments: MRG-P0918, ORIENT 1, Second pair, F125W direct imaging</i>									
	(MRG-P0918-O1-P2 (6B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-P0918-O1-P2 (6B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	MRG-P0918	RA: 09 18 33.9940 (139.6416417d) Dec: -81 03 8.13 (-81.05226d) Equinox: J2000		V=(?) F160W 19.54	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424	Sequence 1-3 Non-Int in MRG-P0918-O1-P2 (6B)	1202.936167 Secs (1202.936 Secs) [==>]	[1]
	2	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-P0918-O1-P2 (6B)	1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-P0918-O1-P2 (6B)	402.935899 Secs (402.936 Secs) [==>]	[1]
	4	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.881,1.212	Sequence 4-6 Non-Int in MRG-P0918-O1-P2 (6B)	1202.936167 Secs (1202.936 Secs) [==>]	[2]
	5	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-P0918-O1-P2 (6B)	1202.936167 Secs (1202.936 Secs) [==>]	[2]
	6	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-P0918-O1-P2 (6B)	402.935899 Secs (402.936 Secs) [==>]	[2]



Proposal 15663 - MRG-P0918-O2-P1 (6C) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

Mon Sep 23 17:01:09 GMT 2019

Visit	Proposal 15663, MRG-P0918-O2-P1 (6C), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 125.1D TO 125.1 D <i>Comments: MRG-P0918, ORIENT 2, First pair, F110W direct imaging</i>									
	(MRG-P0918-O2-P1 (6C)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-P0918-O2-P1 (6C)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	MRG-P0918	RA: 09 18 33.9940 (139.6416417d) Dec: -81 03 8.13 (-81.05226d) Equinox: J2000		V=(?) F160W 19.54	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 0.0,0.0	Sequence 1-3 Non-Int in MRG-P0918-O2-P1 (6C)	1202.936167 Secs (1202.936 Secs) [==>]	[1]
	2	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-P0918-O2-P1 (6C)	1202.936167 Secs (1202.936 Secs) [==>]	[1]
	3	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-P0918-O2-P1 (6C)	352.935448 Secs (352.935 Secs) [==>]	[1]
	4	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in MRG-P0918-O2-P1 (6C)	1202.936167 Secs (1202.936 Secs) [==>]	[2]
	5	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-P0918-O2-P1 (6C)	1202.936167 Secs (1202.936 Secs) [==>]	[2]
	6	(6) MRG-P0918	(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-P0918-O2-P1 (6C)	402.935899 Secs (402.936 Secs) [==>]	[2]

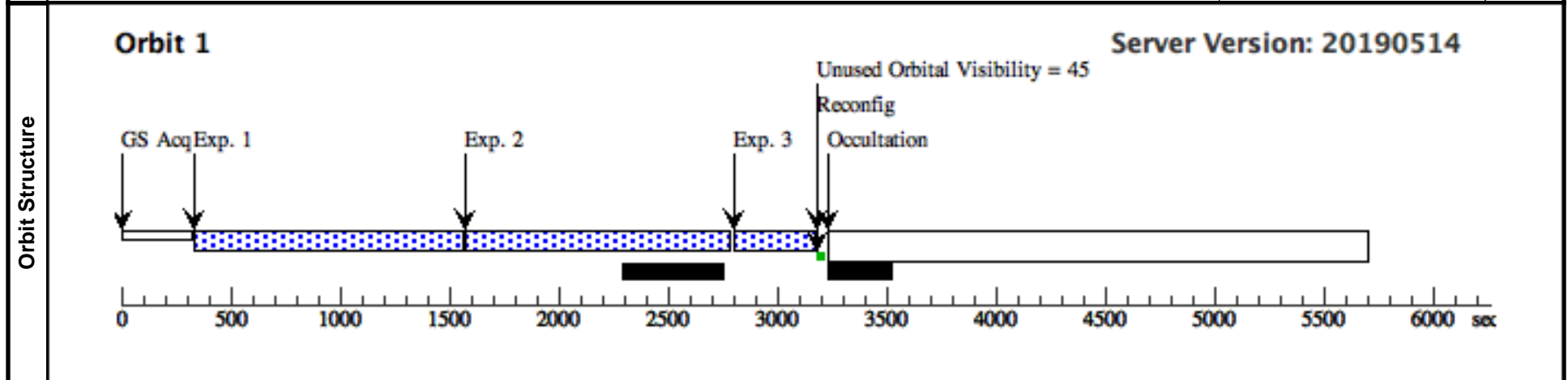


Visit	Proposal 15663, MRG-P0918-O2-P2 (6D), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 6C <i>Comments: MRG-P0918, ORIENT 2, F140W direct imaging</i>
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Diagnostics	(MRG-P0918-O2-P2 (6D)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
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Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>MRG-P0918</td> <td>RA: 09 18 33.9940 (139.6416417d) Dec: -81 03 8.13 (-81.05226d) Equinox: J2000</td> <td></td> <td>V=(?) F160W 19.54</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(6)	MRG-P0918	RA: 09 18 33.9940 (139.6416417d) Dec: -81 03 8.13 (-81.05226d) Equinox: J2000		V=(?) F160W 19.54	Reference Frame: ICRS
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(6)	MRG-P0918	RA: 09 18 33.9940 (139.6416417d) Dec: -81 03 8.13 (-81.05226d) Equinox: J2000		V=(?) F160W 19.54	Reference Frame: ICRS								

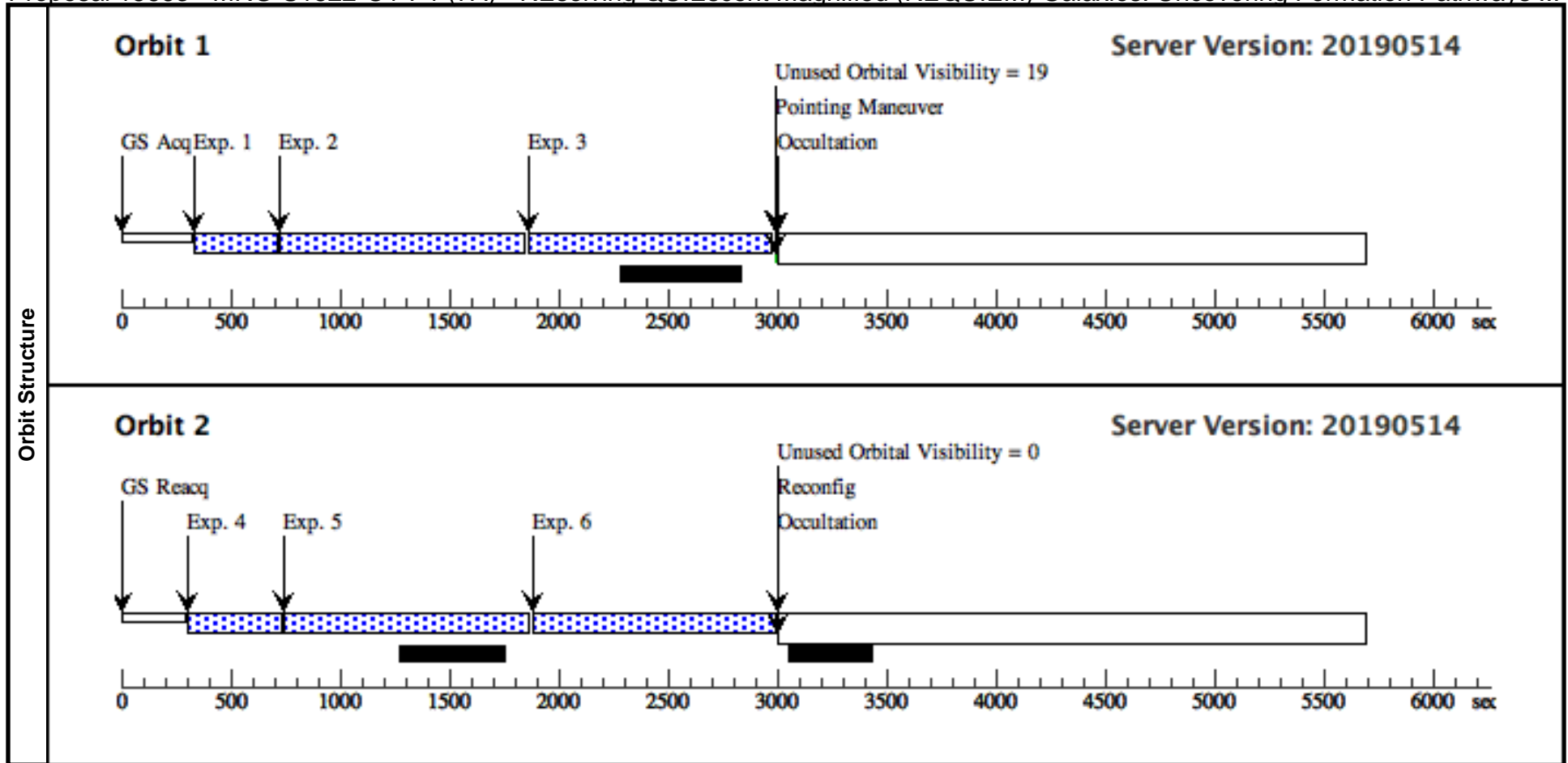
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	POS TARG 1.355,0.424	Sequence 1-3 Non-Int in MRG-P0918-O2-P2 (6D)	1202.936167 Secs (1202.936 Secs) [==>]	[1]
2		(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-P0918-O2-P2 (6D)	1202.936167 Secs (1202.936 Secs) [==>]	[1]
3		(6) MRG-P0918	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-P0918-O2-P2 (6D)	352.935448 Secs (352.935 Secs) [==>]	[1]



Proposal 15663 - MRG-S1522-O1-P1 (7A) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

Mon Sep 23 17:01:09 GMT 2019

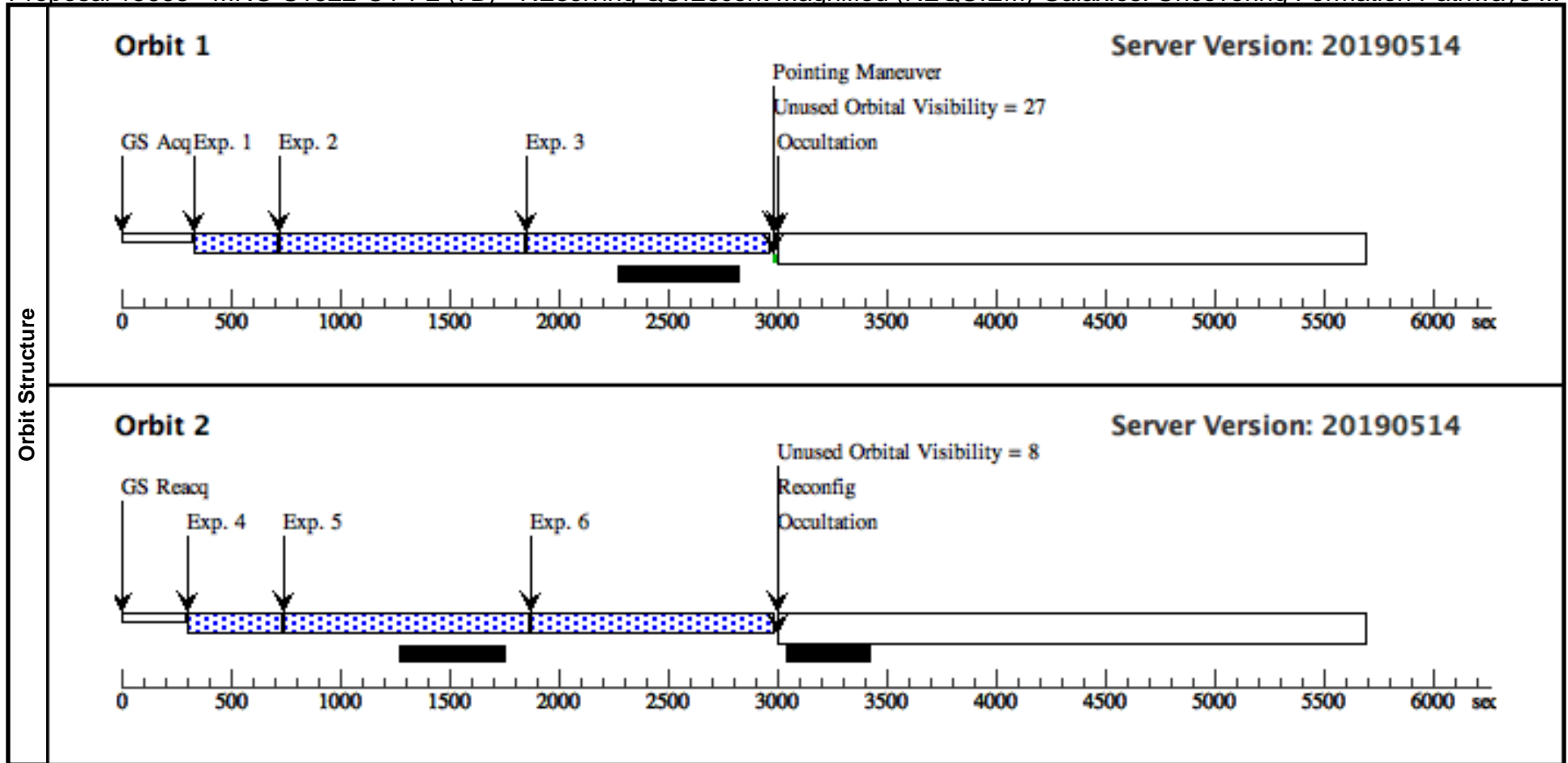
Visit	Proposal 15663, MRG-S1522-O1-P1 (7A), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 100.1D TO 100.1 D <i>Comments: MRG-S1522, ORIENT 1, First pair, direct first, F140W direct imaging</i>									
	(MRG-S1522-O1-P1 (7A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-S1522-O1-P1 (7A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-S1522-O1-P1 (7A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-S1522-O1-P1 (7A)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(7)	MRG-S1522	RA: 15 22 53.5890 (230.7232875d) Dec: +25 35 48.69 (25.59686d) Equinox: J2000			V=(?) F160W 19.96	Reference Frame: ICRS			
<i>Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 0.0,0.0	Sequence 1-3 Non-Int in MRG-S1522-O1-P1 (7A)	352.935448 Secs (352.935 Secs) [==>]	[1]
	2	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-S1522-O1-P1 (7A)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-S1522-O1-P1 (7A)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	4	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S50	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in MRG-S1522-O1-P1 (7A)	402.935899 Secs (402.936 Secs) [==>]	[2]
	5	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-S1522-O1-P1 (7A)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-S1522-O1-P1 (7A)	1102.935844 Secs (1102.936 Secs) [==>]	[2]



Proposal 15663 - MRG-S1522-O1-P2 (7B) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

Mon Sep 23 17:01:09 GMT 2019

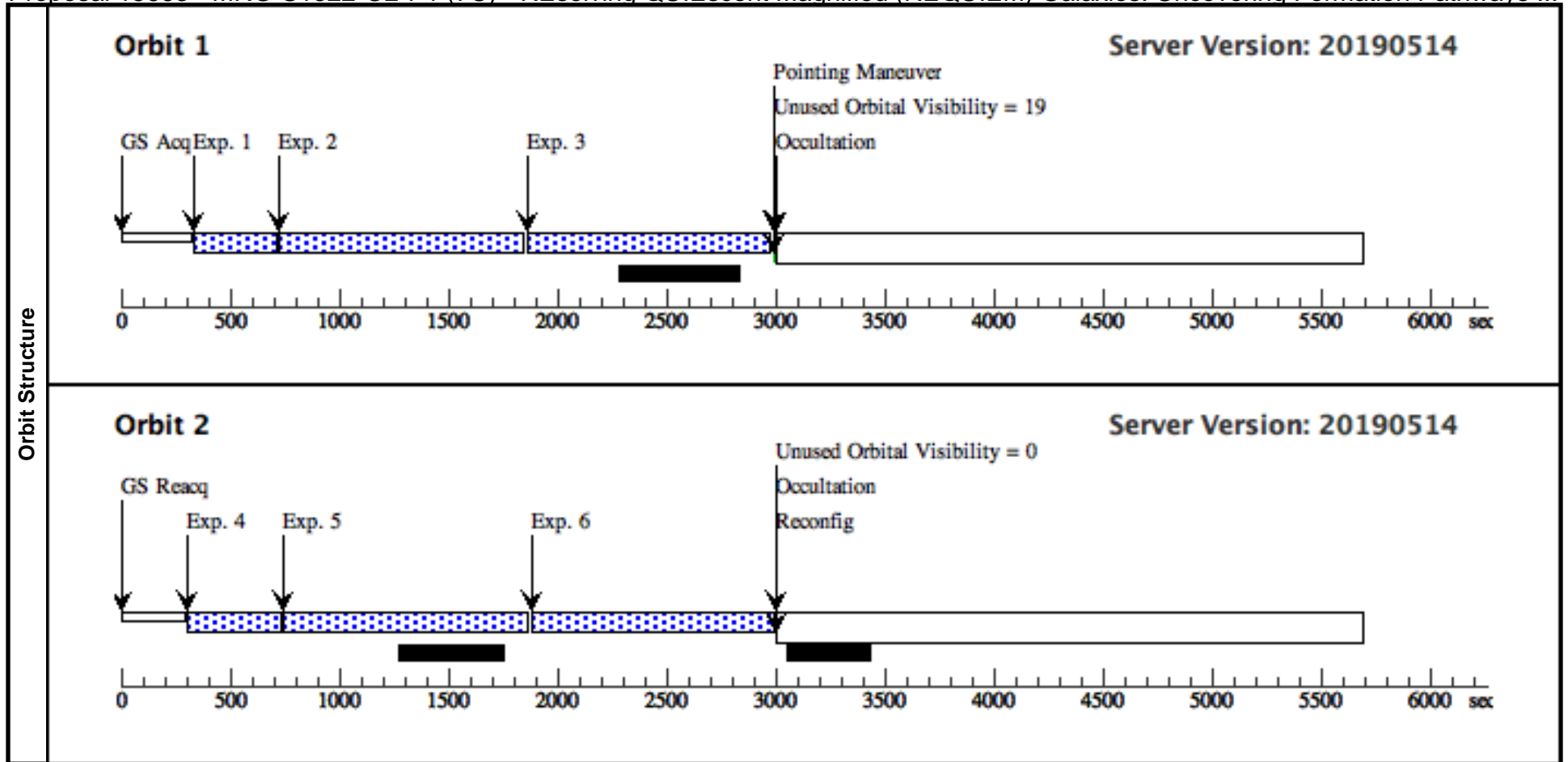
Visit	Proposal 15663, MRG-S1522-O1-P2 (7B), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 7A <i>Comments: MRG-S1522, ORIENT 1, First pair, Direct first, F110W direct imaging</i>									
	(MRG-S1522-O1-P2 (7B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-S1522-O1-P2 (7B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-S1522-O1-P2 (7B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-S1522-O1-P2 (7B)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	MRG-S1522	RA: 15 22 53.5890 (230.7232875d) Dec: +25 35 48.69 (25.59686d) Equinox: J2000		V=(?) F160W 19.96	Reference Frame: ICRS				
<i>Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.355,0.424	Sequence 1-3 Non-Int in MRG-S1522-O1-P2 (7B)	352.935448 Secs (352.935 Secs) [==>]	[1]
	2	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-S1522-O1-P2 (7B)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-S1522-O1-P2 (7B)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	4	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=9; SAMP-SEQ=SPAR S50	POS TARG 0.881,1.212	Sequence 4-6 Non-Int in MRG-S1522-O1-P2 (7B)	402.935899 Secs (402.936 Secs) [==>]	[2]
	5	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-S1522-O1-P2 (7B)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-S1522-O1-P2 (7B)	1102.935844 Secs (1102.936 Secs) [==>]	[2]



Proposal 15663 - MRG-S1522-O2-P1 (7C) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways ...

Mon Sep 23 17:01:09 GMT 2019

Visit	Proposal 15663, MRG-S1522-O2-P1 (7C), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; ORIENT 91D TO 91 D <i>Comments: MRG-S1522, ORIENT 2, First pair, Direct first, F140W direct imaging</i>									
	(MRG-S1522-O2-P1 (7C)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-S1522-O2-P1 (7C)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-S1522-O2-P1 (7C)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-S1522-O2-P1 (7C)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	MRG-S1522	RA: 15 22 53.5890 (230.7232875d) Dec: +25 35 48.69 (25.59686d) Equinox: J2000		V=(?) F160W 19.96	Reference Frame: ICRS				
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 0.0,0.0	Sequence 1-3 Non-Int in MRG-S1522-O2-P1 (7C)	352.935448 Secs (352.935 Secs) [==>]	[1]
	2	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-S1522-O2-P1 (7C)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-S1522-O2-P1 (7C)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	4	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	F140W	NSAMP=9; SAMP-SEQ=SPAR S50	POS TARG -0.474,0.788	Sequence 4-6 Non-Int in MRG-S1522-O2-P1 (7C)	402.935899 Secs (402.936 Secs) [==>]	[2]
	5	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-S1522-O2-P1 (7C)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	6	(7) MRG-S1522	(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 4	Sequence 4-6 Non-Int in MRG-S1522-O2-P1 (7C)	1102.935844 Secs (1102.936 Secs) [==>]	[2]



Visit	Proposal 15663, MRG-S1522-O2-P2 (7D), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 7C <i>Comments: MRG-S1522, ORIENT 2, F110W direct imaging</i>									
	(MRG-S1522-O2-P2 (7D)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (MRG-S1522-O2-P2 (7D)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	MRG-S1522	RA: 15 22 53.5890 (230.7232875d) Dec: +25 35 48.69 (25.59686d) Equinox: J2000		V=(?) F160W 19.96	Reference Frame: ICRS				
<i>Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.355,0.424	Sequence 1-3 Non-Int in MRG-S1522-O2-P2 (7D)	352.935448 Secs (352.935 Secs) [==>]	[1]
	2		(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-S1522-O2-P2 (7D)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	3		(7) MRG-S1522	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-3 Non-Int in MRG-S1522-O2-P2 (7D)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
Orbit Structure	<div style="display: flex; justify-content: space-between;"> Orbit 1 Server Version: 20190514 </div> <p>The diagram illustrates the orbit structure over a 6000-second period. Key events are marked with arrows: GS Acq at ~100s, Exp. 1 at ~300s, Exp. 2 at ~600s, Exp. 3 at ~1800s, Reconfig at ~2900s, and Occultation at ~3000s. A shaded blue region from approximately 300s to 3000s is labeled 'Unused Orbital Visibility = 27'. The x-axis is labeled 'sec' and ranges from 0 to 6000 with major ticks every 500 units.</p>									

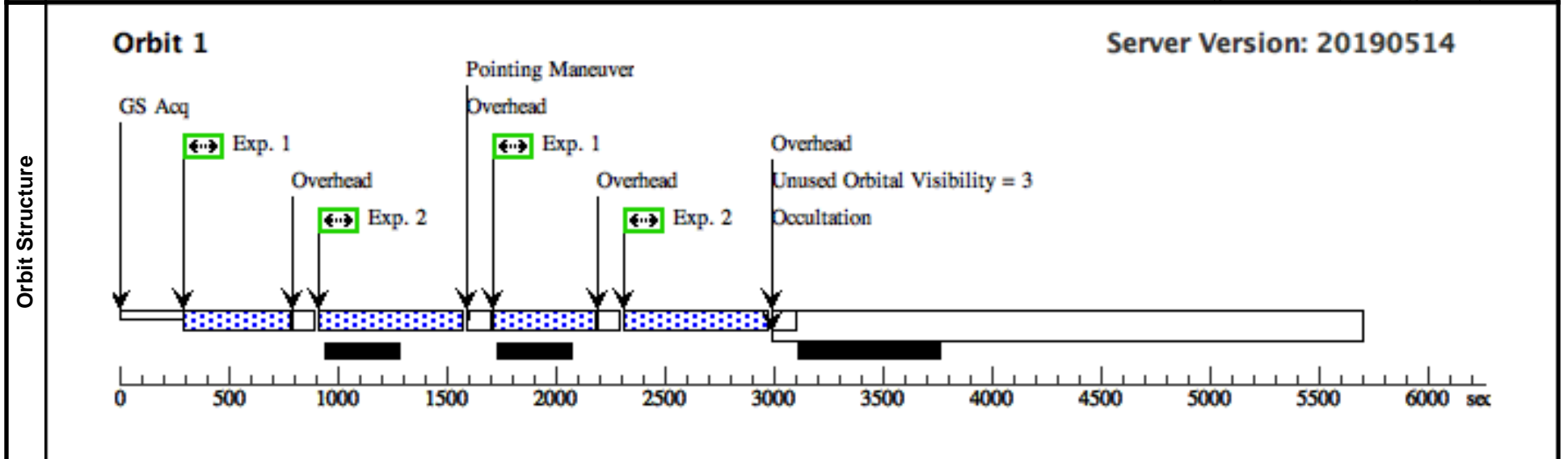
Visit	Proposal 15663, mrg-m0138 (8A), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 80% <i>Comments: MRG-M0138, F814W/F390W</i>		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-2)

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	MRG-M0138	RA: 01 38 3.9100 (24.5162917d) Dec: -21 55 49.32 (-21.93037d) Equinox: J2000		V=(?) F160W 17.28	Reference Frame: ICRS

Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) MRG-M0138	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F814W	FLASH=1		Pattern 2, Exps 1-2 in mrg-m0138 (8A) (2)	500 Secs (912 Secs) [==>456.0 Secs (Pattern 1)] [==>456.0 Secs (Pattern 2)]	[1]
	2		(2) MRG-M0138	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F390W	FLASH=6		Pattern 2, Exps 1-2 in mrg-m0138 (8A) (2)	680 Secs (1272 Secs) [==>636.0 Secs (Pattern 1)] [==>636.0 Secs (Pattern 2)]	[1]



Proposal 15663 - mrg-s1522 (8C) - REsolving QUIEscent Magnified (REQUIEM) Galaxies: Uncovering Formation Pathways via Spati...

Mon Sep 23 17:01:09 GMT 2019

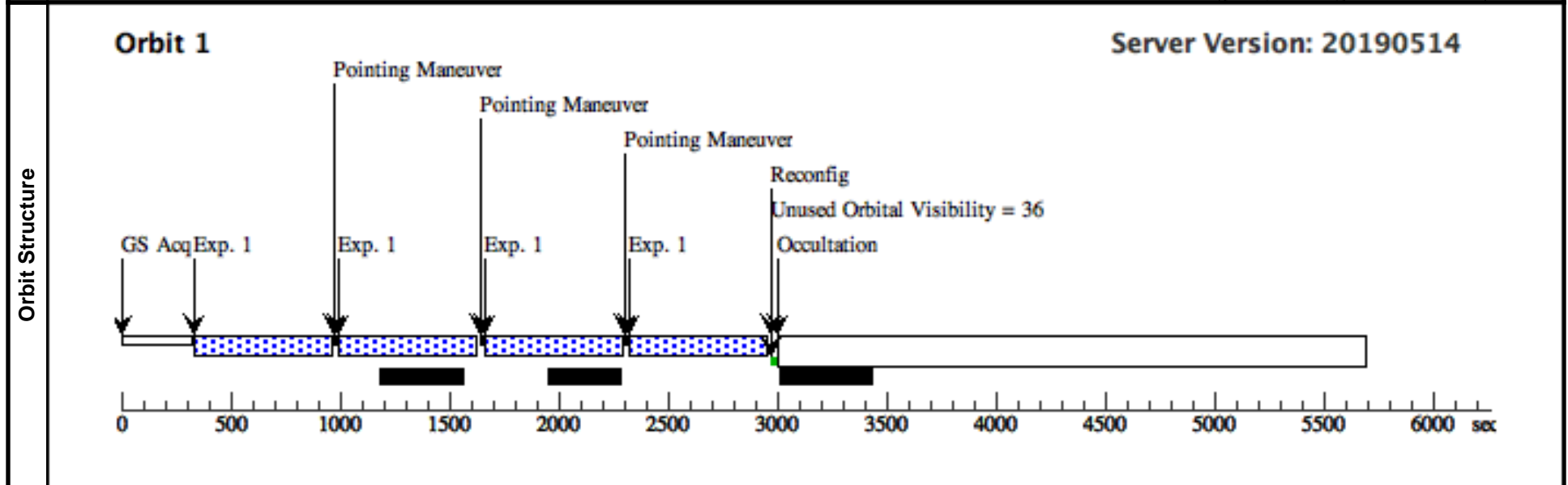
Visit	Proposal 15663, mrg-s1522 (8C), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 80% <i>Comments: MRG-S1522, F125W.</i>		

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(4)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	MRG-S1522	RA: 15 22 53.5890 (230.7232875d) Dec: +25 35 48.69 (25.59686d) Equinox: J2000		V=(?) F160W 19.96	Reference Frame: ICRS

Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) MRG-S1522	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 4, Exps 1-1 in mrg-s1522 (8C) (4)	602.937703 Secs (2411.751 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Visit	Proposal 15663, mrg-s1522 (8B), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 80% <i>Comments: MRG-S1522, F814W.</i>		
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Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(3)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	MRG-S1522	RA: 15 22 53.5890 (230.7232875d) Dec: +25 35 48.69 (25.59686d) Equinox: J2000		V=(?) F160W 19.96	Reference Frame: ICRS

Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS]

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) MRG-S1522	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F814W				Pattern 3, Exps 1-1 in mrg-s1522 (8B) (3) 800 Secs (2412 Secs) [==>804.0 Secs (Pattern 1)] [==>804.0 Secs (Pattern 2)] [==>804.0 Secs (Pattern 3)]	[1]

