



16757 - Intracluster Light in the Frontier Fields

Cycle: 29, 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>
01	(1) ACO-370-BRIDGE1 ANY	ACS/WFC WFC3/IR	2	15-Feb-2023 13:00:24.0	yes
02	(2) ACO-370-BRIDGE2 ANY	ACS/WFC WFC3/IR	1	15-Feb-2023 13:00:26.0	yes
13	(2) ACO-370-BRIDGE2 ANY	ACS/WFC WFC3/IR	1	15-Feb-2023 13:00:27.0	yes
03	(3) CLG-J0717+3745-BRIDGE1 ANY	ACS/WFC WFC3/IR	2	15-Feb-2023 13:00:29.0	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>
04	(4) CLG-J0717+3745-BRIDGE2 ANY	ACS/WFC WFC3/IR	2	15-Feb-2023 13:00:31.0	yes
05	(5) MCS-J0416.1-2403-BRIDGE1 ANY	ACS/WFC WFC3/IR	2	15-Feb-2023 13:00:33.0	yes
06	(6) MCS-J0416.1-2403-BRIDGE2 ANY	ACS/WFC WFC3/IR	2	15-Feb-2023 13:00:35.0	yes
14	(6) MCS-J0416.1-2403-BRIDGE2 ANY	ACS/WFC WFC3/IR	2	15-Feb-2023 13:00:37.0	yes
07	(7) ACO-S-1063-BRIDGE1 ANY	ACS/WFC WFC3/IR	2	15-Feb-2023 13:00:39.0	yes
11	(7) ACO-S-1063-BRIDGE1 ANY	ACS/WFC WFC3/IR	2	15-Feb-2023 13:00:41.0	yes
08	(8) ACO-S-1063-BRIDGE2 ANY	ACS/WFC WFC3/IR	2	15-Feb-2023 13:00:43.0	yes
12	(8) ACO-S-1063-BRIDGE2 ANY	ACS/WFC WFC3/IR	2	15-Feb-2023 13:00:45.0	yes
09	(9) ACO-2744-BRIDGE1 ANY	ACS/WFC WFC3/IR	2	15-Feb-2023 13:00:48.0	yes
10	(10) ACO-2744-BRIDGE2 ANY	ACS/WFC WFC3/IR	2	15-Feb-2023 13:00:50.0	yes

26 Total Orbits Used

ABSTRACT

We propose a 20 orbit WFC3/IR campaign in the environs of HST Frontier Field (HFF) clusters to obtain the most comprehensive view to date of the intracluster stellar population and total baryon content in massive galaxy clusters. Our program builds upon the existing investment in the HFFs to provide contiguous coverage out to ~ 3 Mpc from the cluster center. We will use these data sets to make the first determination of the total stellar content, including the intracluster light (ICL), out to $>0.65 r_{200}$ for each of the HFF clusters, directly constraining the extent to which the cluster galaxy population is altered by processes leading to ICL formation, and the radii over which these processes are important. We will also compare the

Proposal 16757 (STScI Edit Number: 4, Created: Wednesday, February 15, 2023 at 1:00:50 PM Eastern Standard Time) - Overview spatial distributions of the ICL, intracluster medium, galaxies, and dark matter within the central 300 kpc to establish whether the observed low scatter in the radial gas-to-stellar ratio masks underlying small scale variations due to various processes such as ram pressure stripping, winds, and tidal stripping. This comparison will also test the recent assertion that the ICL is a highly robust tracer of the underlying mass distribution (based on work at smaller radii), and whether the ICL can be used by future missions such as Euclid and Roman to measure cluster mass distributions. Finally, we expect to be able to detect signatures of the splashback radius in at least some of these clusters, which we will use in conjunction with weak lensing masses to measure cluster mass accretion rates. Literature results for the HFF cluster MACS J1149.5+2223 demonstrate the feasibility of this program.

OBSERVING DESCRIPTION

Our proposed observations are designed to build upon the existing investment in the Frontier Fields to conduct a new, more complete census of the intracluster light (ICL) extending to large radii. The requested observations are constructed to span the gap between the primary and parallel BUFFALO survey fields.

Geometry: The basic geometry for the proposed observations is two overlapping WFC3/IR frames bridging the gap between the primary and parallel BUFFALO fields. With proper overlap, the bridging fields can be used to correct for the temporal differences between the primary and parallel fields and enable continuous determination of the ICL brightness with radius. Two exposures is the minimum number required to have meaningful overlap between frames. In the phase 2 proposal we have included a constraint on the roll angle of ± 5 degrees from that of the BUFFALO fields to optimize the overlap with the BUFFALO fields and enhance the utility of the parallels; however, these can be relaxed as needed - in the proposal we stated that the core science can be achieved with an unconstrained roll angle. If the stated constraint is not possible, the second-best option would be a 180 degree rotation relative to the BUFFALO orient. The listed orient provides overlap of the ACS parallels with the core BUFFALO fields, mitigating edge effects for lensing and enabling greater coverage near the cluster core. A 180 degree rotation would place this overlap with the BUFFALO parallel fields instead. For MACS J0717.5+3745 and Abell 2744 there appear to be no schedulable visits with the preferred orient, so we have also included the 180 degree rotation in the plan explicitly as the second option.

Filters: For this program, the science is driven by the need to extend spatial coverage in the WFC3/IR bands, both because of the smaller field-of-view of WFC3/IR and because the IR bands are most sensitive to intracluster light. The F105W and F160W filters provide a maximal wavelength lever arm in the IR bands for mapping out color gradients.

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Depth: The two requirements for the depth are that the data yield sufficient fidelity for the sky level determination, and sufficient sensitivity to enable a radial measurement of the ICL to ~ 2 Mpc. For the sensitivity, the observations benefit from averaging in annular bins extending over the width of the detector. From our experience with MACS J1149.5+2223, a single orbit in each filter provides sufficient S/N out to this radius.

Special Requirements: All observations should be taken in LOW SKY (our depth calculations account for this). These conditions gain us 0.3 mag/arcsec^2 relative to the average sky, enabling us to increase the spatial extent over which we can resolve structure in the ICL. We request that the orientation of the WFC3/IR images be aligned with the BUFFALO survey WFC3/IR parallel observations to within 5 degrees. This orientation is designed to maximize overlap for relative sky calibration during LOW SKY conditions.

Parallel Fields: To maximize the legacy value of this program and enhance the Frontier Fields data sets, we are taking parallel observations with ACS, split between F814W and F606W. These data will enable an extension of weak lensing analyses into these flanking regions.

Proposal 16757 - Abell 370 Bridge 1 (01) - Intracluster Light in the Frontier Fields

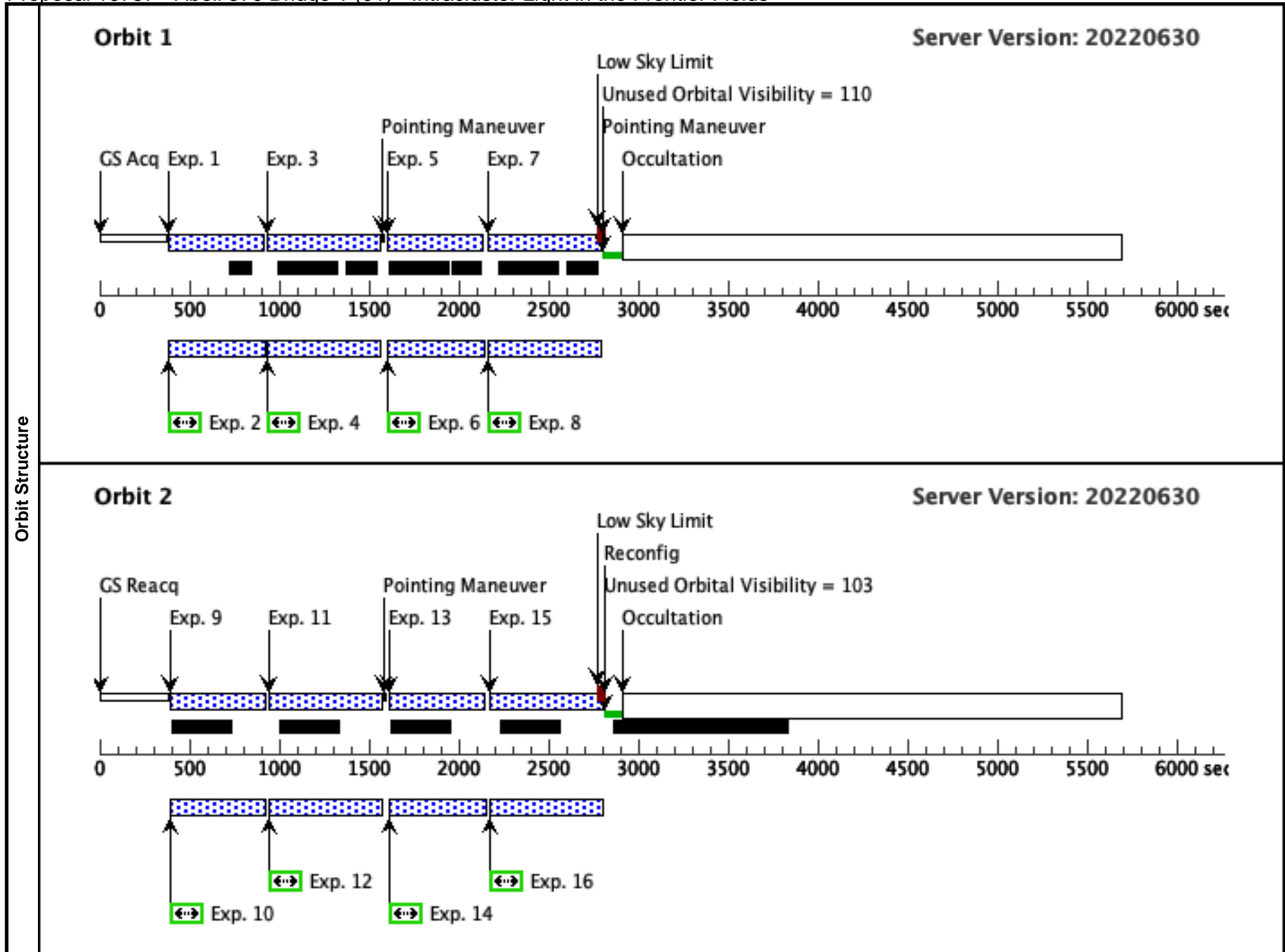
Visit	Proposal 16757, Abell 370 Bridge 1 (01), completed Wed Feb 15 18:00:50 GMT 2023																
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 100%; ORIENT 68D TO 78 D; ORIENT 248D TO 258 D																
Diagnostics	(Abell 370 Bridge 1 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN																
	(Abell 370 Bridge 1 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN																
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>(1)</td> <td>ACO-370-BRIDGE1</td> <td>RA: 02 40 1.3110 (40.0054625d) Dec: -01 35 44.04 (-1.59557d) Equinox: J2000</td> <td>Epoch of Position: 2015.5</td> <td>V=27</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	ACO-370-BRIDGE1	RA: 02 40 1.3110 (40.0054625d) Dec: -01 35 44.04 (-1.59557d) Equinox: J2000	Epoch of Position: 2015.5	V=27	Reference Frame: ICRS	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]			
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(1)	ACO-370-BRIDGE1	RA: 02 40 1.3110 (40.0054625d) Dec: -01 35 44.04 (-1.59557d) Equinox: J2000	Epoch of Position: 2015.5	V=27	Reference Frame: ICRS												

Proposal 16757 - Abell 370 Bridge 1 (01) - Intracluster Light in the Frontier Fields

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(1) ACO-370-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01)	502.933906 Secs (502.934 Secs) [==>]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01)	330 Secs (330 Secs) [==>]	[1]
	3	(1) ACO-370-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01)	602.934229 Secs (602.934 Secs) [==>]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01)	450 Secs (450 Secs) [==>]	[1]
	5	(1) ACO-370-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01)	502.933906 Secs (502.934 Secs) [==>]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01)	420 Secs (420 Secs) [==>]	[1]
	7	(1) ACO-370-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01)	602.934229 Secs (602.934 Secs) [==>]	[1]
	8	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell 370 Bridge 1 (01)	450 Secs (450 Secs) [==>]	[1]

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9	(1) ACO-370-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 9-16 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Gro up 9-10 in Sequence 9-16 Non-Int in Abel l 370 Bridge 1 (01)	502.933906 Secs (502.934 Secs) [==>]	[2]
10	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 9-16 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Gro up 9-10 in Sequence 9-16 Non-Int in Abel l 370 Bridge 1 (01)	410 Secs (410 Secs) [==>]	[2]
11	(1) ACO-370-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 9-16 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Gro up 11-12 in Sequenc e 9-16 Non-Int in Ab ell 370 Bridge 1 (01)	602.934229 Secs (602.934 Secs) [==>]	[2]
12	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Gro up 11-12 in Sequenc e 9-16 Non-Int in Ab ell 370 Bridge 1 (01)	450 Secs (450 Secs) [==>]	[2]
13	(1) ACO-370-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 9-16 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Gro up 13-14 in Sequenc e 9-16 Non-Int in Ab ell 370 Bridge 1 (01)	502.933906 Secs (502.934 Secs) [==>]	[2]
14	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Gro up 13-14 in Sequenc e 9-16 Non-Int in Ab ell 370 Bridge 1 (01)	420 Secs (420 Secs) [==>]	[2]
15	(1) ACO-370-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 9-16 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Gro up 15-16 in Sequenc e 9-16 Non-Int in Ab ell 370 Bridge 1 (01)	602.934229 Secs (602.934 Secs) [==>]	[2]
16	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 9-16 Non-Int in Abell 370 Bridge 1 (01) Prime + Parallel Gro up 15-16 in Sequenc e 9-16 Non-Int in Ab ell 370 Bridge 1 (01)	450 Secs (450 Secs) [==>]	[2]

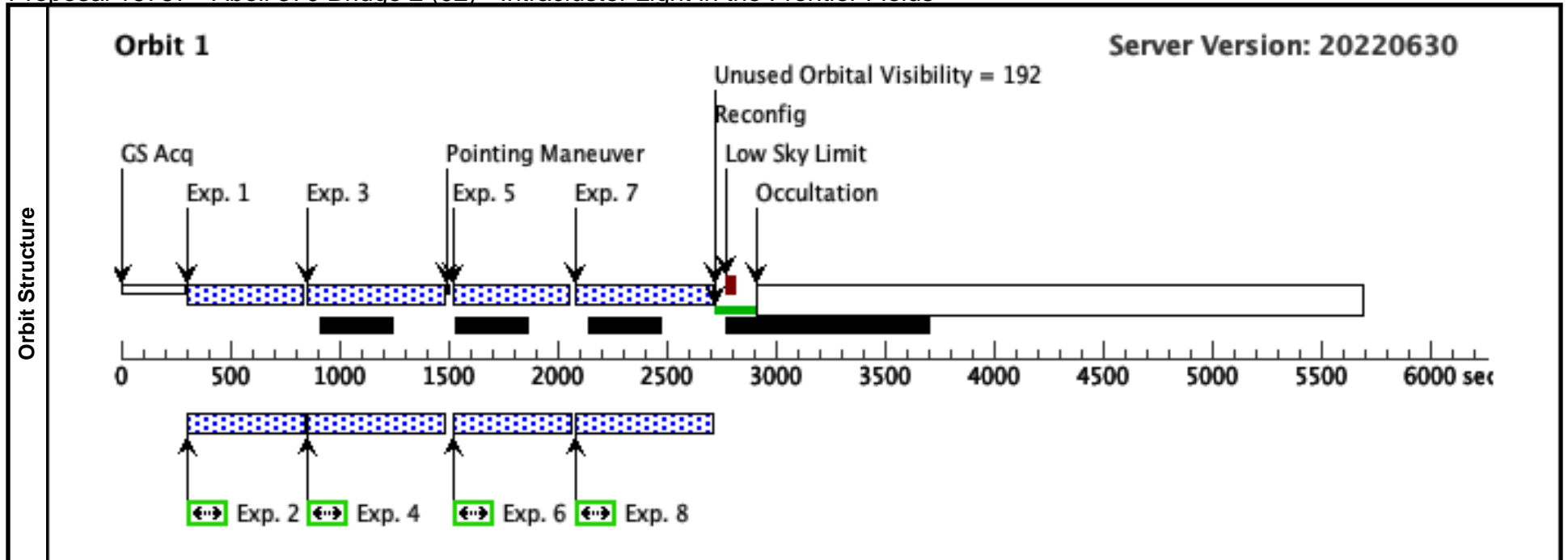


Proposal 16757 - Abell 370 Bridge 2 (02) - Intracluster Light in the Frontier Fields

Visit	Proposal 16757, Abell 370 Bridge 2 (02), completed Wed Feb 15 18:00:51 GMT 2023					
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 100%; SAME ORIENT AS 01					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	ACO-370-BRIDGE2	RA: 02 40 5.5660 (40.0231917d) Dec: -01 36 20.39 (-1.60566d) Equinox: J2000	Epoch of Position: 2015.5	V=27	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]						

Proposal 16757 - Abell 370 Bridge 2 (02) - Intracluster Light in the Frontier Fields

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(2) ACO-370-BRID GE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY; GS ACQ SCENARIO ONEB1BE	Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02)	502.933906 Secs (502.934 Secs) [==>]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02)	330 Secs (330 Secs) [==>]	[1]
	3	(2) ACO-370-BRID GE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02)	602.934229 Secs (602.934 Secs) [==>]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02)	450 Secs (450 Secs) [==>]	[1]
	5	(2) ACO-370-BRID GE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02)	502.933906 Secs (502.934 Secs) [==>]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02)	420 Secs (420 Secs) [==>]	[1]
	7	(2) ACO-370-BRID GE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02)	602.934229 Secs (602.934 Secs) [==>]	[1]
	8	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell 370 Bridge 2 (02)	450 Secs (450 Secs) [==>]	[1]

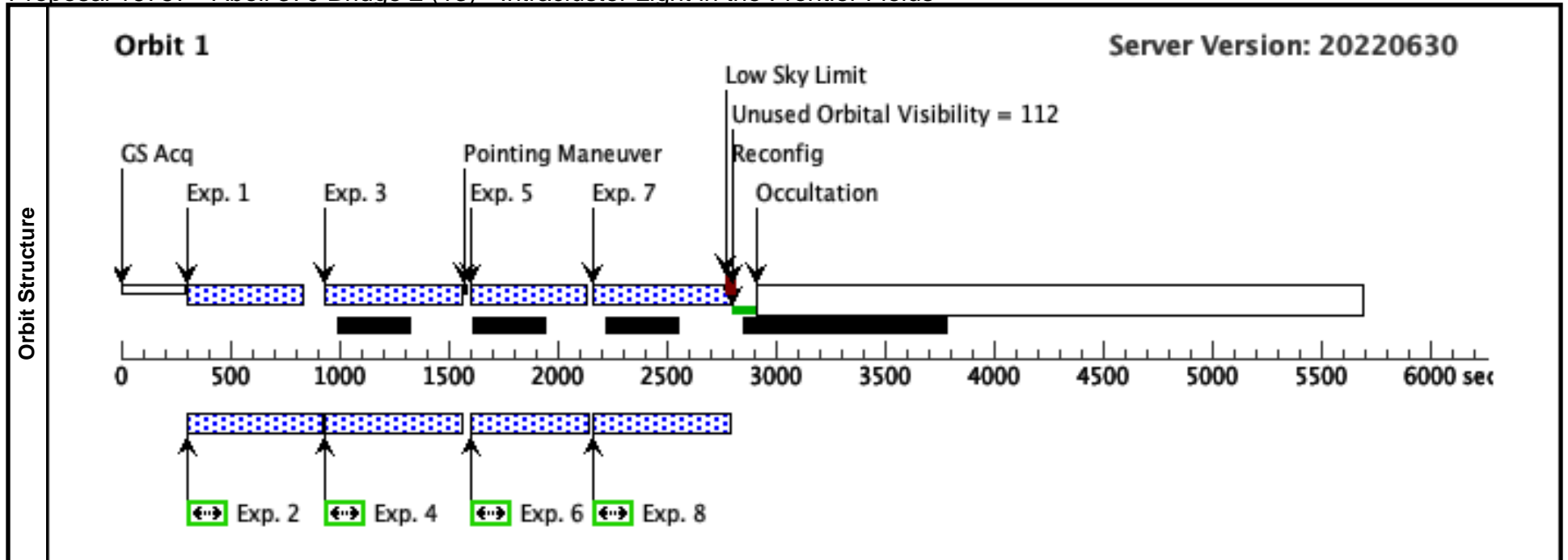


Proposal 16757 - Abell 370 Bridge 2 (13) - Intracluster Light in the Frontier Fields

Visit	Proposal 16757, Abell 370 Bridge 2 (13), completed Wed Feb 15 18:00:51 GMT 2023					
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SCHED 100%; SAME ORIENT AS 01					
Diagnostics	(Abell 370 Bridge 2 (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(Abell 370 Bridge 2 (13)) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	ACO-370-BRIDGE2	RA: 02 40 5.5660 (40.0231917d) Dec: -01 36 20.39 (-1.60566d) Equinox: J2000	Epoch of Position: 2015.5	V=27	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]						

Proposal 16757 - Abell 370 Bridge 2 (13) - Intracluster Light in the Frontier Fields

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(2) ACO-370-BRID GE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY; GS ACQ SCENARI O ONEB1BE	Sequence 1-8 Non-Int in Abell 370 Bridge 2 (13) Prime + Parallel Gro up 1-2 in Sequence 1 -8 Non-Int in Abell 3 70 Bridge 2 (13)	502.933906 Secs (502.934 Secs) [==>]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell 370 Bridge 2 (13) Prime + Parallel Gro up 1-2 in Sequence 1 -8 Non-Int in Abell 3 70 Bridge 2 (13)	410 Secs (410 Secs) [==>]	[1]
	3	(2) ACO-370-BRID GE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 1-8 Non-Int in Abell 370 Bridge 2 (13) Prime + Parallel Gro up 3-4 in Sequence 1 -8 Non-Int in Abell 3 70 Bridge 2 (13)	602.934229 Secs (602.934 Secs) [==>]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell 370 Bridge 2 (13) Prime + Parallel Gro up 3-4 in Sequence 1 -8 Non-Int in Abell 3 70 Bridge 2 (13)	450 Secs (450 Secs) [==>]	[1]
	5	(2) ACO-370-BRID GE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=6; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 1-8 Non-Int in Abell 370 Bridge 2 (13) Prime + Parallel Gro up 5-6 in Sequence 1 -8 Non-Int in Abell 3 70 Bridge 2 (13)	502.933906 Secs (502.934 Secs) [==>]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell 370 Bridge 2 (13) Prime + Parallel Gro up 5-6 in Sequence 1 -8 Non-Int in Abell 3 70 Bridge 2 (13)	420 Secs (420 Secs) [==>]	[1]
	7	(2) ACO-370-BRID GE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 1-8 Non-Int in Abell 370 Bridge 2 (13) Prime + Parallel Gro up 7-8 in Sequence 1 -8 Non-Int in Abell 3 70 Bridge 2 (13)	602.934229 Secs (602.934 Secs) [==>]	[1]
	8	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell 370 Bridge 2 (13) Prime + Parallel Gro up 7-8 in Sequence 1 -8 Non-Int in Abell 3 70 Bridge 2 (13)	450 Secs (450 Secs) [==>]	[1]



Proposal 16757 - MACS J0717.5+3745 Bridge 1 (03) - Intracluster Light in the Frontier Fields

Visit	Proposal 16757, MACS J0717.5+3745 Bridge 1 (03), scheduled Wed Feb 15 18:00:51 GMT 2023					
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 275D TO 285 D; ORIENT 95D TO 105 D					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	CLG-J0717+3745-BRIDGE1	RA: 07 17 23.4100 (109.3475417d) Dec: +37 47 56.00 (37.79889d) Equinox: J2000	Epoch of Position: 2015.5	V=27	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]						

Proposal 16757 - MACS J0717.5+3745 Bridge 1 (03) - Intracluster Light in the Frontier Fields

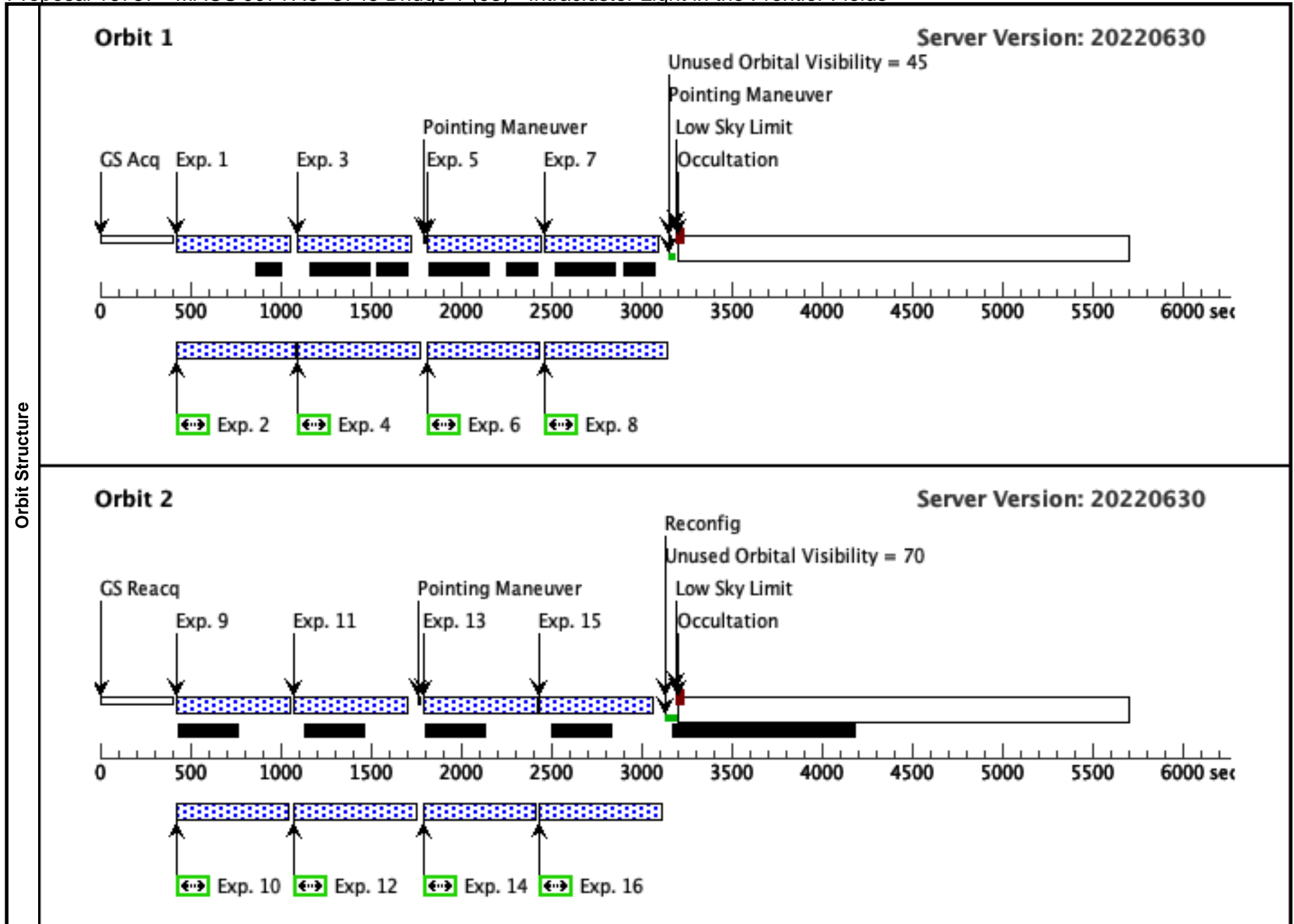
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(3) CLG-J0717+3745-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	602.934229 Secs (602.934 Secs) [==>]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	450 Secs (450 Secs) [==>]	[1]
	3	(3) CLG-J0717+3745-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	602.934229 Secs (602.934 Secs) [==>]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	500 Secs (500 Secs) [==>]	[1]
	5	(3) CLG-J0717+3745-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	602.934229 Secs (602.934 Secs) [==>]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	500 Secs (500 Secs) [==>]	[1]
	7	(3) CLG-J0717+3745-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	602.934229 Secs (602.934 Secs) [==>]	[1]

Proposal 16757 - MACS J0717.5+3745 Bridge 1 (03) - Intracluster Light in the Frontier Fields

8	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	500 Secs (500 Secs) [==>]	[1]
9	(3) CLG-J0717+3745-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,-1.305; LOW-SKY	Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	602.934229 Secs (602.934 Secs) [==>]	[2]
10	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	500 Secs (500 Secs) [==>]	[2]
11	(3) CLG-J0717+3745-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,-1.305; LOW-SKY	Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	602.934229 Secs (602.934 Secs) [==>]	[2]
12	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	500 Secs (500 Secs) [==>]	[2]
13	(3) CLG-J0717+3745-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2.153; LOW-SKY	Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	602.934229 Secs (602.934 Secs) [==>]	[2]
14	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	500 Secs (500 Secs) [==>]	[2]

Proposal 16757 - MACS J0717.5+3745 Bridge 1 (03) - Intracluster Light in the Frontier Fields

15	(3) CLG-J0717+3745-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2.153; LOW-SKY	Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	602.934229 Secs (602.934 Secs) [==>]	[2]
16	ANY	ACS/WFC, ACCUM, WFC-FIX F814W			Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 1 (03)	500 Secs (500 Secs) [==>]	[2]



Proposal 16757 - MACS J0717.5+3745 Bridge 2 (04) - Intracluster Light in the Frontier Fields

Visit	Proposal 16757, MACS J0717.5+3745 Bridge 2 (04), scheduled Wed Feb 15 18:00:51 GMT 2023					
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 03					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	CLG-J0717+3745-BRIDGE2	RA: 07 17 27.4770 (109.3644875d) Dec: +37 46 49.01 (37.78028d) Equinox: J2000		V=27	Reference Frame: ICRS
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]						

Proposal 16757 - MACS J0717.5+3745 Bridge 2 (04) - Intracluster Light in the Frontier Fields

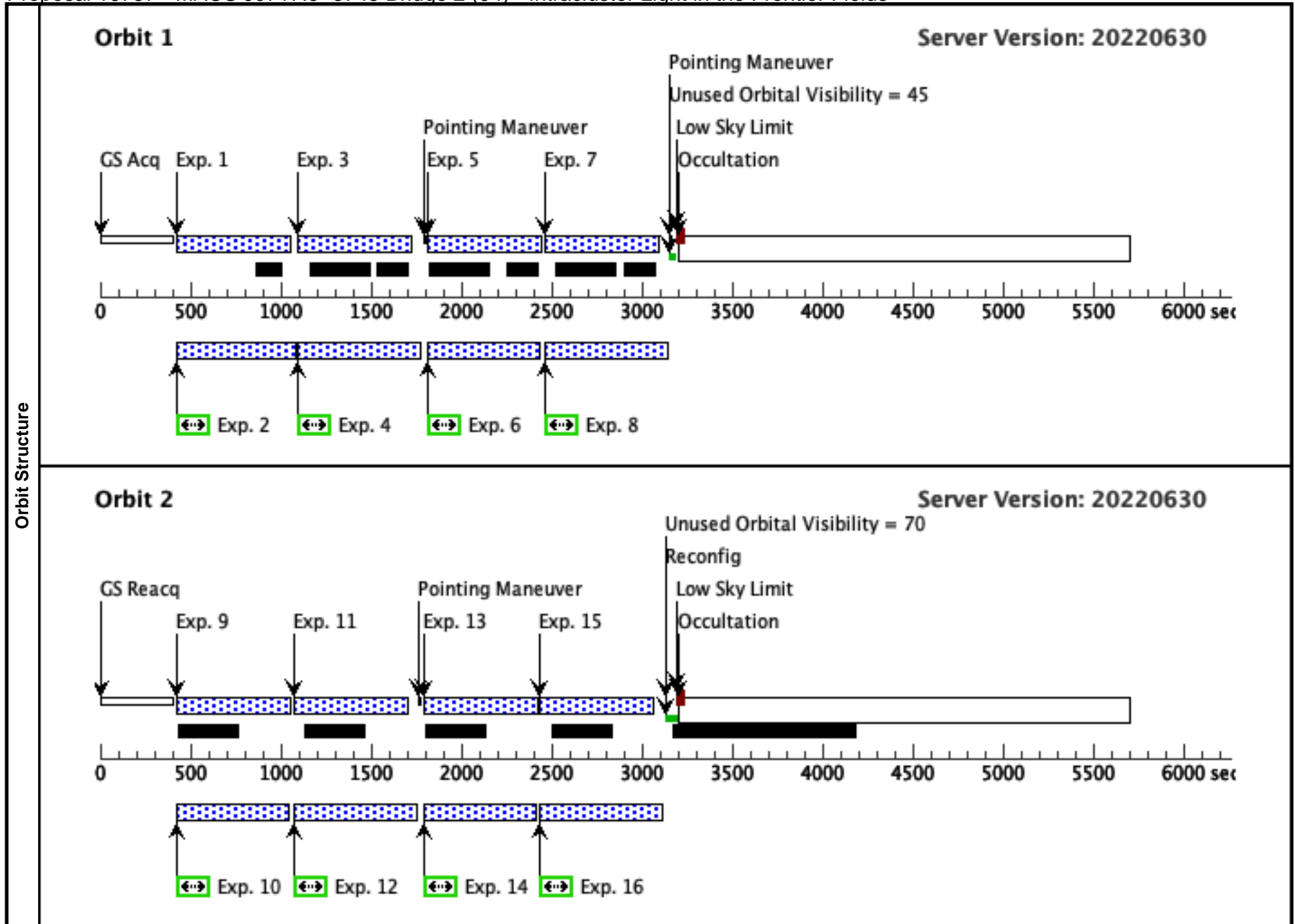
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(4) CLG-J0717+3745-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	602.934229 Secs (602.934 Secs) [==>]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	450 Secs (450 Secs) [==>]	[1]
	3	(4) CLG-J0717+3745-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	602.934229 Secs (602.934 Secs) [==>]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	500 Secs (500 Secs) [==>]	[1]
	5	(4) CLG-J0717+3745-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	602.934229 Secs (602.934 Secs) [==>]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	500 Secs (500 Secs) [==>]	[1]
	7	(4) CLG-J0717+3745-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	602.934229 Secs (602.934 Secs) [==>]	[1]

Proposal 16757 - MACS J0717.5+3745 Bridge 2 (04) - Intracluster Light in the Frontier Fields

8	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	500 Secs (500 Secs) [==>]	[1]
9	(4) CLG-J0717+3745-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,-1.305; LOW-SKY	Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	602.934229 Secs (602.934 Secs) [==>]	[2]
10	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	500 Secs (500 Secs) [==>]	[2]
11	(4) CLG-J0717+3745-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,-1.305; LOW-SKY	Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	602.934229 Secs (602.934 Secs) [==>]	[2]
12	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	500 Secs (500 Secs) [==>]	[2]
13	(4) CLG-J0717+3745-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2.153; LOW-SKY	Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	602.934229 Secs (602.934 Secs) [==>]	[2]
14	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	500 Secs (500 Secs) [==>]	[2]

Proposal 16757 - MACS J0717.5+3745 Bridge 2 (04) - Intracluster Light in the Frontier Fields

15	(4) CLG-J0717+3745-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2.153; LOW-SKY	Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	602.934229 Secs (602.934 Secs) [==>]	[2]
16	ANY	ACS/WFC, ACCUM, WFC-FIX F814W			Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in MACS J0717.5+3745 Bridge 2 (04)	500 Secs (500 Secs) [==>]	[2]



Proposal 16757 - MACS J0416.1-2403 Bridge 1 (05) - Intracluster Light in the Frontier Fields

Visit	Proposal 16757, MACS J0416.1-2403 Bridge 1 (05), completed Wed Feb 15 18:00:51 GMT 2023					
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 62D TO 72 D					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	MCS-J0416.1-2403-BRIDGE1	RA: 04 16 24.0940 (64.1003917d) Dec: -24 05 51.42 (-24.09762d) Equinox: J2000	Epoch of Position: 2015.5	V=27	Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]						

Proposal 16757 - MACS J0416.1-2403 Bridge 1 (05) - Intracluster Light in the Frontier Fields

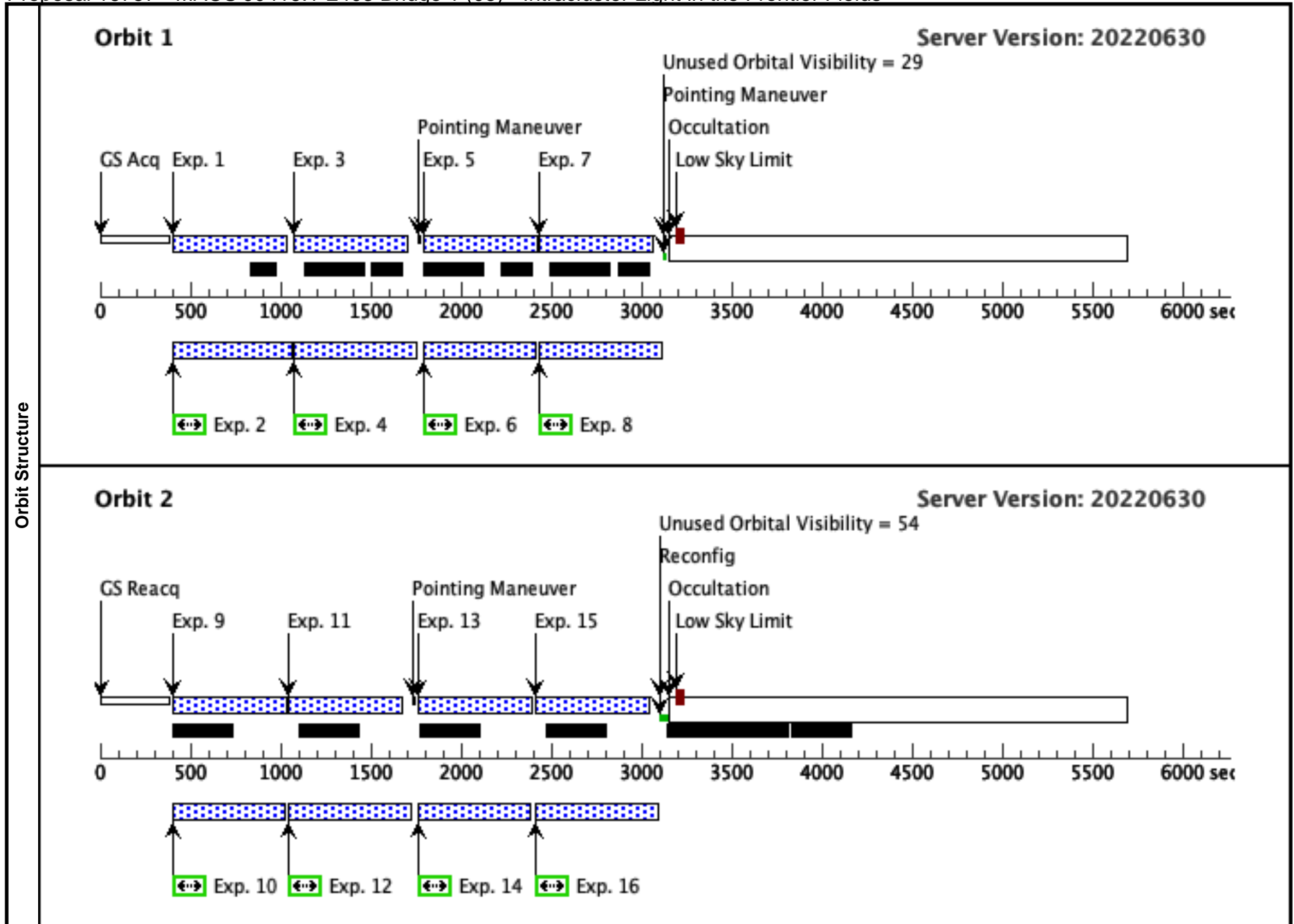
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(5) MCS-J0416.1-2403-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	602.934229 Secs (602.934 Secs) [==>]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	450 Secs (450 Secs) [==>]	[1]
	3	(5) MCS-J0416.1-2403-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	602.934229 Secs (602.934 Secs) [==>]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	500 Secs (500 Secs) [==>]	[1]
	5	(5) MCS-J0416.1-2403-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	602.934229 Secs (602.934 Secs) [==>]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	500 Secs (500 Secs) [==>]	[1]
	7	(5) MCS-J0416.1-2403-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	602.934229 Secs (602.934 Secs) [==>]	[1]

Proposal 16757 - MACS J0416.1-2403 Bridge 1 (05) - Intracluster Light in the Frontier Fields

8	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	500 Secs (500 Secs) [==>]	[1]
9	(5) MCS-J0416.1-2403-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,-1.305; LOW-SKY	Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	602.934229 Secs (602.934 Secs) [==>]	[2]
10	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	500 Secs (500 Secs) [==>]	[2]
11	(5) MCS-J0416.1-2403-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,-1.305; LOW-SKY	Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	602.934229 Secs (602.934 Secs) [==>]	[2]
12	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	500 Secs (500 Secs) [==>]	[2]
13	(5) MCS-J0416.1-2403-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2.153; LOW-SKY	Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	602.934229 Secs (602.934 Secs) [==>]	[2]
14	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	500 Secs (500 Secs) [==>]	[2]

Proposal 16757 - MACS J0416.1-2403 Bridge 1 (05) - Intracluster Light in the Frontier Fields

15	(5) MCS-J0416.1-2403-BRIDGE1	WFC3/IR, MULTIACCUM, IR-FIX F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2.153; LOW-SKY	Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	602.934229 Secs (602.934 Secs) [==>]	[2]
16	ANY	ACS/WFC, ACCUM, WFC-FIX F814W			Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 1 (05)	500 Secs (500 Secs) [==>]	[2]



Proposal 16757 - MACS J0416.1-2403 Bridge 2 (06) - Intracluster Light in the Frontier Fields

Visit	Proposal 16757, MACS J0416.1-2403 Bridge 2 (06), failed Wed Feb 15 18:00:51 GMT 2023				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 05				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(6)	MCS-J0416.1-2403-BRIDGE2	RA: 04 16 18.4510 (64.0768792d) Dec: -24 05 21.14 (-24.08921d) Equinox: J2000	Epoch of Position: 2015.5	V=27
Miscellaneous: Reference Frame: ICRS Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]					

Proposal 16757 - MACS J0416.1-2403 Bridge 2 (06) - Intracluster Light in the Frontier Fields

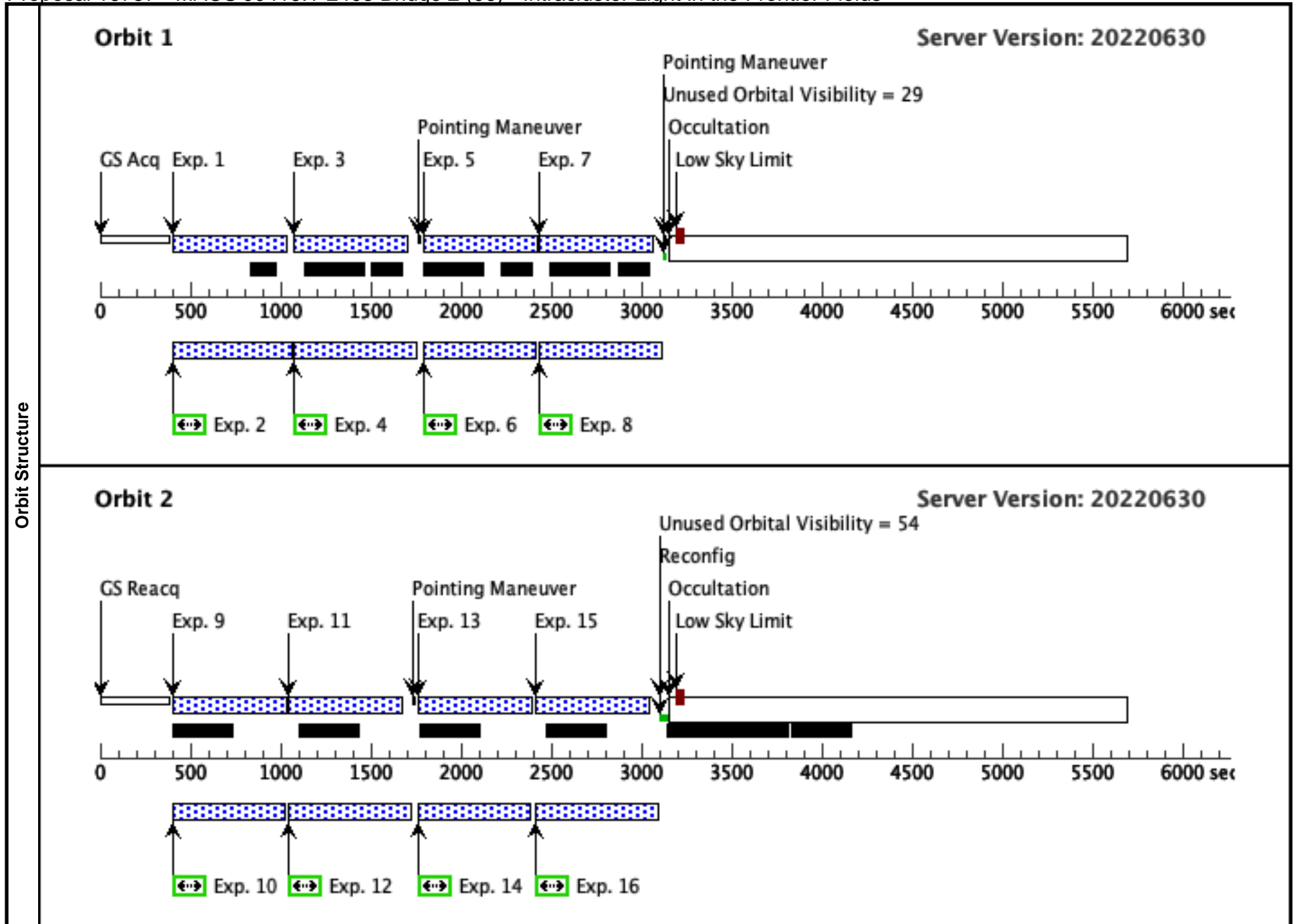
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	602.934229 Secs (602.934 Secs) [==>]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	450 Secs (450 Secs) [==>]	[1]
	3	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	602.934229 Secs (602.934 Secs) [==>]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	500 Secs (500 Secs) [==>]	[1]
	5	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	602.934229 Secs (602.934 Secs) [==>]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	500 Secs (500 Secs) [==>]	[1]
	7	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	602.934229 Secs (602.934 Secs) [==>]	[1]

Proposal 16757 - MACS J0416.1-2403 Bridge 2 (06) - Intracluster Light in the Frontier Fields

8	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	500 Secs (500 Secs) [==>]	[1]
9	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,-1.305; LOW-SKY	Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	602.934229 Secs (602.934 Secs) [==>]	[2]
10	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	500 Secs (500 Secs) [==>]	[2]
11	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,-1.305; LOW-SKY	Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	602.934229 Secs (602.934 Secs) [==>]	[2]
12	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	500 Secs (500 Secs) [==>]	[2]
13	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2.153; LOW-SKY	Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	602.934229 Secs (602.934 Secs) [==>]	[2]
14	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	500 Secs (500 Secs) [==>]	[2]

Proposal 16757 - MACS J0416.1-2403 Bridge 2 (06) - Intracluster Light in the Frontier Fields

15	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2.153; LOW-SKY	Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	602.934229 Secs (602.934 Secs) [==>]	[2]
16	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (06)	500 Secs (500 Secs) [==>]	[2]



Proposal 16757 - MACS J0416.1-2403 Bridge 2 (14) - Intracluster Light in the Frontier Fields

Visit	Proposal 16757, MACS J0416.1-2403 Bridge 2 (14) Wed Feb 15 18:00:51 GMT 2023					
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 05					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	MCS-J0416.1-2403-BRIDGE2	RA: 04 16 18.4510 (64.0768792d) Dec: -24 05 21.14 (-24.08921d) Equinox: J2000	Epoch of Position: 2015.5	V=27	Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]						

Proposal 16757 - MACS J0416.1-2403 Bridge 2 (14) - Intracluster Light in the Frontier Fields

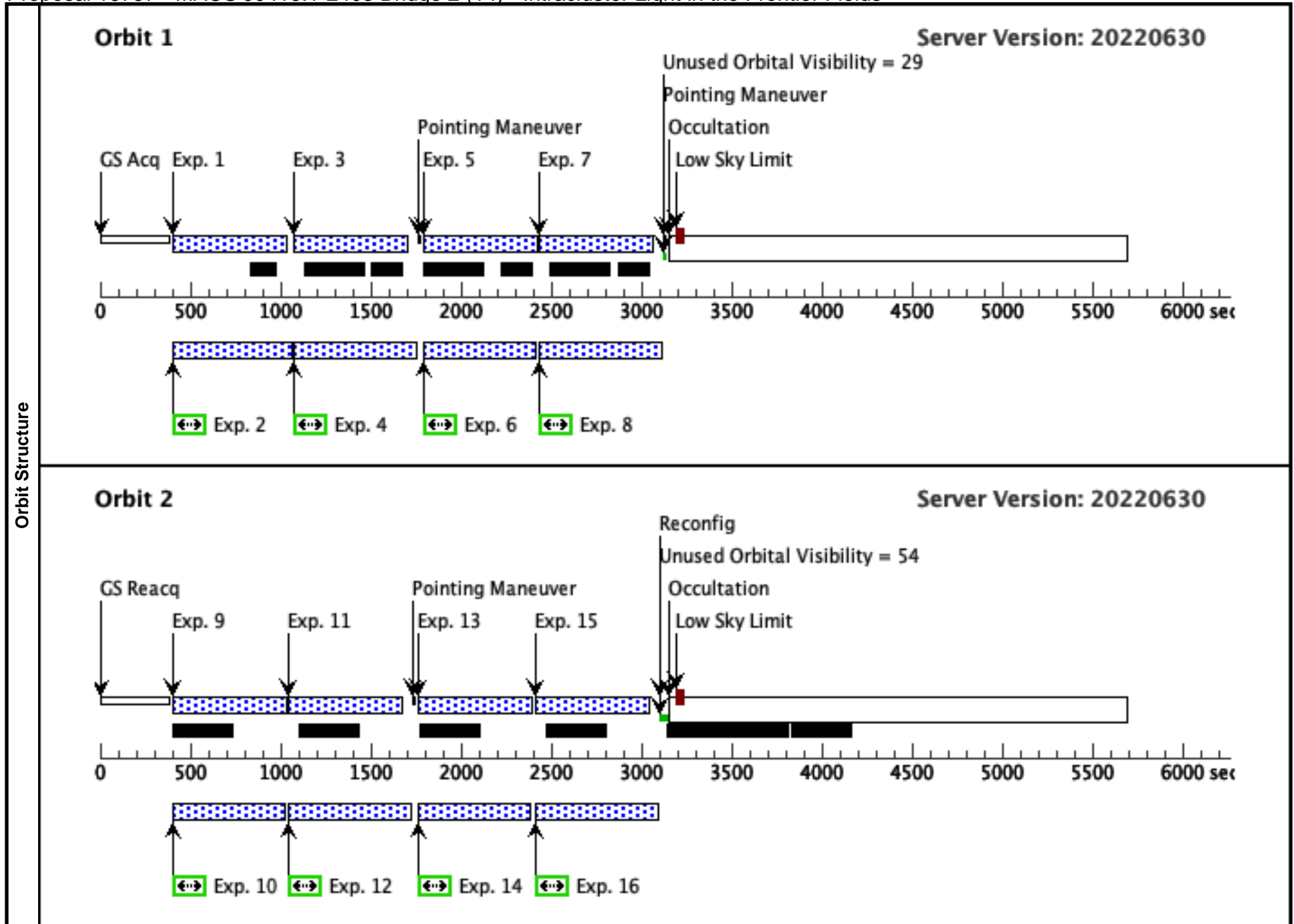
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	602.934229 Secs (602.934 Secs) [==>]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	450 Secs (450 Secs) [==>]	[1]
	3	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	602.934229 Secs (602.934 Secs) [==>]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	500 Secs (500 Secs) [==>]	[1]
	5	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	602.934229 Secs (602.934 Secs) [==>]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	500 Secs (500 Secs) [==>]	[1]
	7	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	602.934229 Secs (602.934 Secs) [==>]	[1]

Proposal 16757 - MACS J0416.1-2403 Bridge 2 (14) - Intracluster Light in the Frontier Fields

8	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	500 Secs (500 Secs) [==>]	[1]
9	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,-1.305; LOW-SKY	Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	602.934229 Secs (602.934 Secs) [==>]	[2]
10	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	500 Secs (500 Secs) [==>]	[2]
11	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,-1.305; LOW-SKY	Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	602.934229 Secs (602.934 Secs) [==>]	[2]
12	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	500 Secs (500 Secs) [==>]	[2]
13	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2.153; LOW-SKY	Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	602.934229 Secs (602.934 Secs) [==>]	[2]
14	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	500 Secs (500 Secs) [==>]	[2]

Proposal 16757 - MACS J0416.1-2403 Bridge 2 (14) - Intracluster Light in the Frontier Fields

15	(6) MCS-J0416.1-2403-BRIDGE2	WFC3/IR, MULTIACCUM, IR-FIX F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2.153; LOW-SKY	Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	602.934229 Secs (602.934 Secs) [==>]	[2]
16	ANY	ACS/WFC, ACCUM, WFC-FIX F814W			Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in MACS J0416.1-2403 Bridge 2 (14)	500 Secs (500 Secs) [==>]	[2]



Proposal 16757 - Abell S1063 Bridge 1 (07) - Intracluster Light in the Frontier Fields

Visit	Proposal 16757, Abell S1063 Bridge 1 (07), failed Wed Feb 15 18:00:51 GMT 2023 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 19D TO 24 D					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(7)		ACO-S-1063-BRIDGE1	RA: 22 48 57.5230 (342.2396792d) Dec: -44 32 8.11 (-44.53559d) Equinox: J2000	Epoch of Position: 2015.5	V=27	Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]						

Proposal 16757 - Abell S1063 Bridge 1 (07) - Intracluster Light in the Frontier Fields

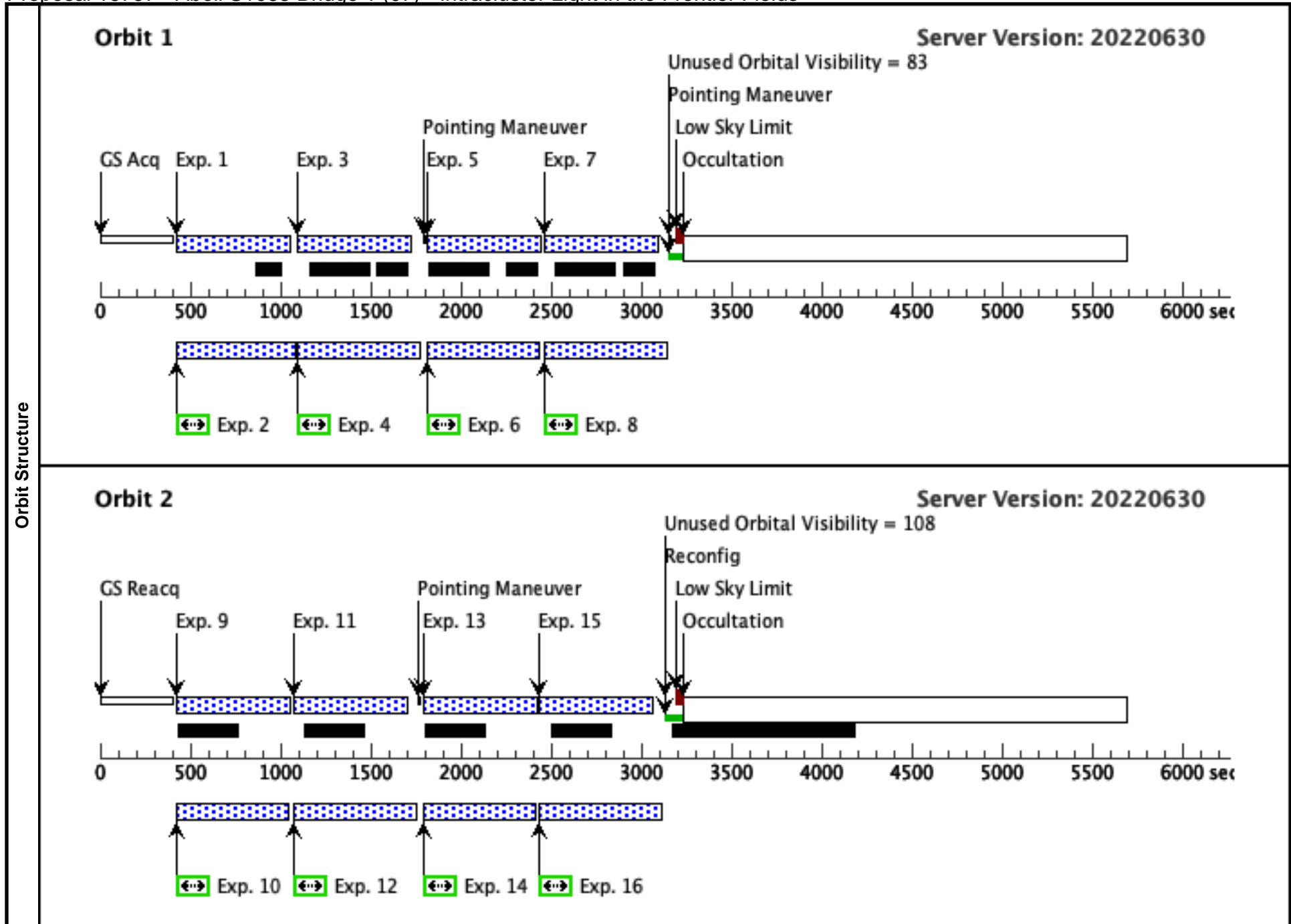
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07)	602.934229 Secs (602.934 Secs) [==>]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07)	450 Secs (450 Secs) [==>]	[1]
	3	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07)	602.934229 Secs (602.934 Secs) [==>]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07)	500 Secs (500 Secs) [==>]	[1]
	5	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07)	602.934229 Secs (602.934 Secs) [==>]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07)	500 Secs (500 Secs) [==>]	[1]
	7	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07)	602.934229 Secs (602.934 Secs) [==>]	[1]
	8	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (07)	500 Secs (500 Secs) [==>]	[1]

Proposal 16757 - Abell S1063 Bridge 1 (07) - Intracluster Light in the Frontier Fields

9	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07)	602.934229 Secs (602.934 Secs) [==>]	[2]
10	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07)	500 Secs (500 Secs) [==>]	[2]
11	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07)	602.934229 Secs (602.934 Secs) [==>]	[2]
12	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07)	500 Secs (500 Secs) [==>]	[2]
13	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07)	602.934229 Secs (602.934 Secs) [==>]	[2]
14	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07)	500 Secs (500 Secs) [==>]	[2]
15	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07)	602.934229 Secs (602.934 Secs) [==>]	[2]

Proposal 16757 - Abell S1063 Bridge 1 (07) - Intracluster Light in the Frontier Fields

16	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W	Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (07)	500 Secs (500 Secs) [==>]	[2]
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Proposal 16757 - Abell S1063 Bridge 1 (11) - Intracluster Light in the Frontier Fields

Visit	Proposal 16757, Abell S1063 Bridge 1 (11), scheduling Wed Feb 15 18:00:51 GMT 2023					
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: (none)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	ACO-S-1063-BRIDGE1	RA: 22 48 57.5230 (342.2396792d) Dec: -44 32 8.11 (-44.53559d) Equinox: J2000	Epoch of Position: 2015.5	V=27	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]						

Proposal 16757 - Abell S1063 Bridge 1 (11) - Intracluster Light in the Frontier Fields

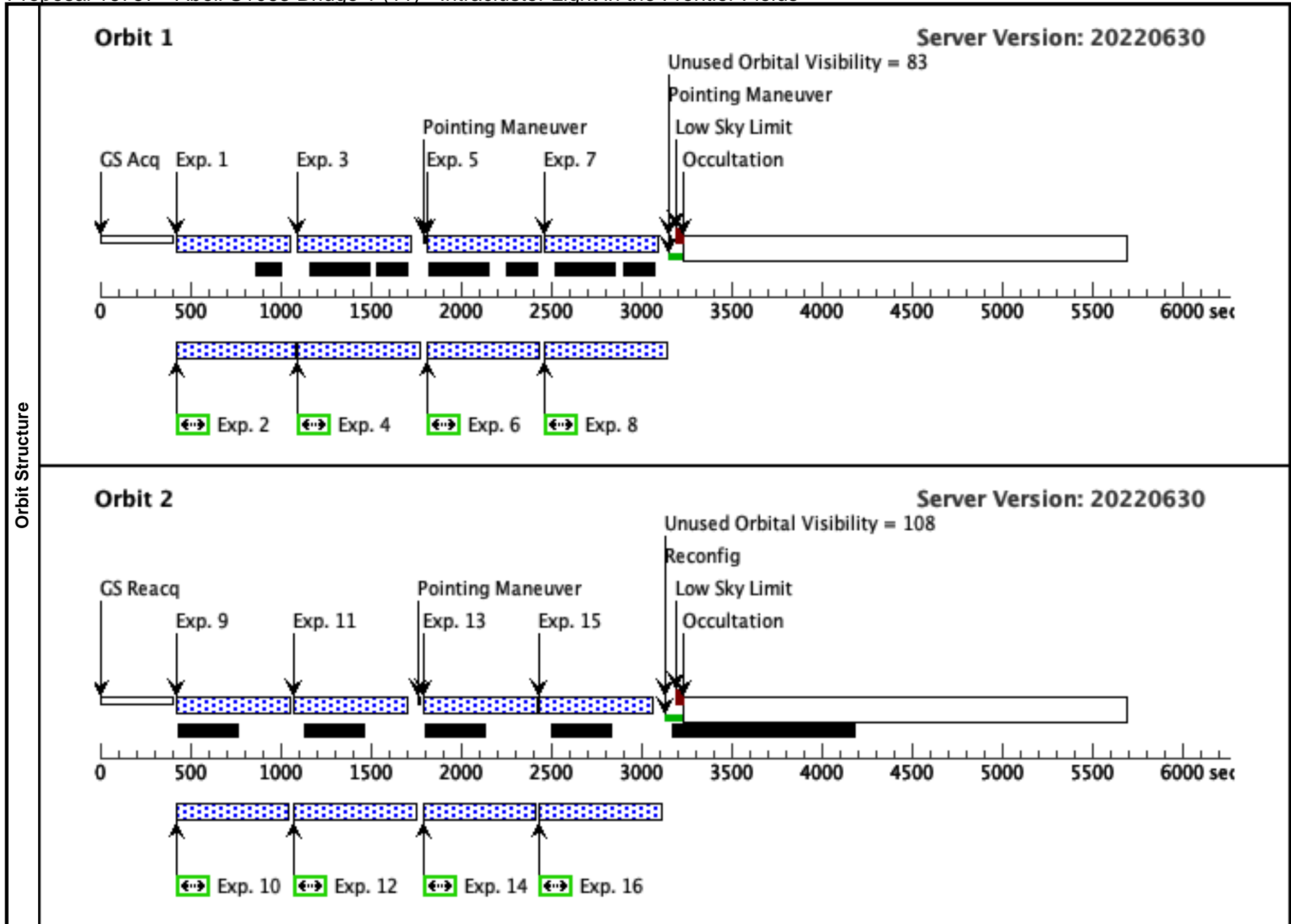
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11)	602.934229 Secs (602.934 Secs) [==>]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11)	450 Secs (450 Secs) [==>]	[1]
	3	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11)	602.934229 Secs (602.934 Secs) [==>]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11)	500 Secs (500 Secs) [==>]	[1]
	5	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11)	602.934229 Secs (602.934 Secs) [==>]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11)	500 Secs (500 Secs) [==>]	[1]
	7	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11)	602.934229 Secs (602.934 Secs) [==>]	[1]
	8	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell S1063 Bridge 1 (11)	500 Secs (500 Secs) [==>]	[1]

Proposal 16757 - Abell S1063 Bridge 1 (11) - Intracluster Light in the Frontier Fields

9	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11)	602.934229 Secs (602.934 Secs) [==>]	[2]
10	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11)	500 Secs (500 Secs) [==>]	[2]
11	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11)	602.934229 Secs (602.934 Secs) [==>]	[2]
12	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11)	500 Secs (500 Secs) [==>]	[2]
13	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11)	602.934229 Secs (602.934 Secs) [==>]	[2]
14	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11)	500 Secs (500 Secs) [==>]	[2]
15	(7) ACO-S-1063-BR IDGE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11)	602.934229 Secs (602.934 Secs) [==>]	[2]

Proposal 16757 - Abell S1063 Bridge 1 (11) - Intracluster Light in the Frontier Fields

16	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W	Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in Abell S1063 Bridge 1 (11)	500 Secs (500 Secs) [==>]	[2]
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Proposal 16757 - Abell S1063 Bridge 2 (08) - Intracluster Light in the Frontier Fields

Visit	Proposal 16757, Abell S1063 Bridge 2 (08), failed Wed Feb 15 18:00:51 GMT 2023 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 07												
	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>(8)</td> <td>ACO-S-1063-BRIDGE2</td> <td> RA: 22 49 4.8500 (342.2702083d) Dec: -44 32 18.79 (-44.53855d) Equinox: J2000 </td> <td>Epoch of Position: 2015.5</td> <td>V=27</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(8)	ACO-S-1063-BRIDGE2	RA: 22 49 4.8500 (342.2702083d) Dec: -44 32 18.79 (-44.53855d) Equinox: J2000	Epoch of Position: 2015.5	V=27
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(8)	ACO-S-1063-BRIDGE2	RA: 22 49 4.8500 (342.2702083d) Dec: -44 32 18.79 (-44.53855d) Equinox: J2000	Epoch of Position: 2015.5	V=27	Reference Frame: ICRS								

Proposal 16757 - Abell S1063 Bridge 2 (08) - Intracluster Light in the Frontier Fields

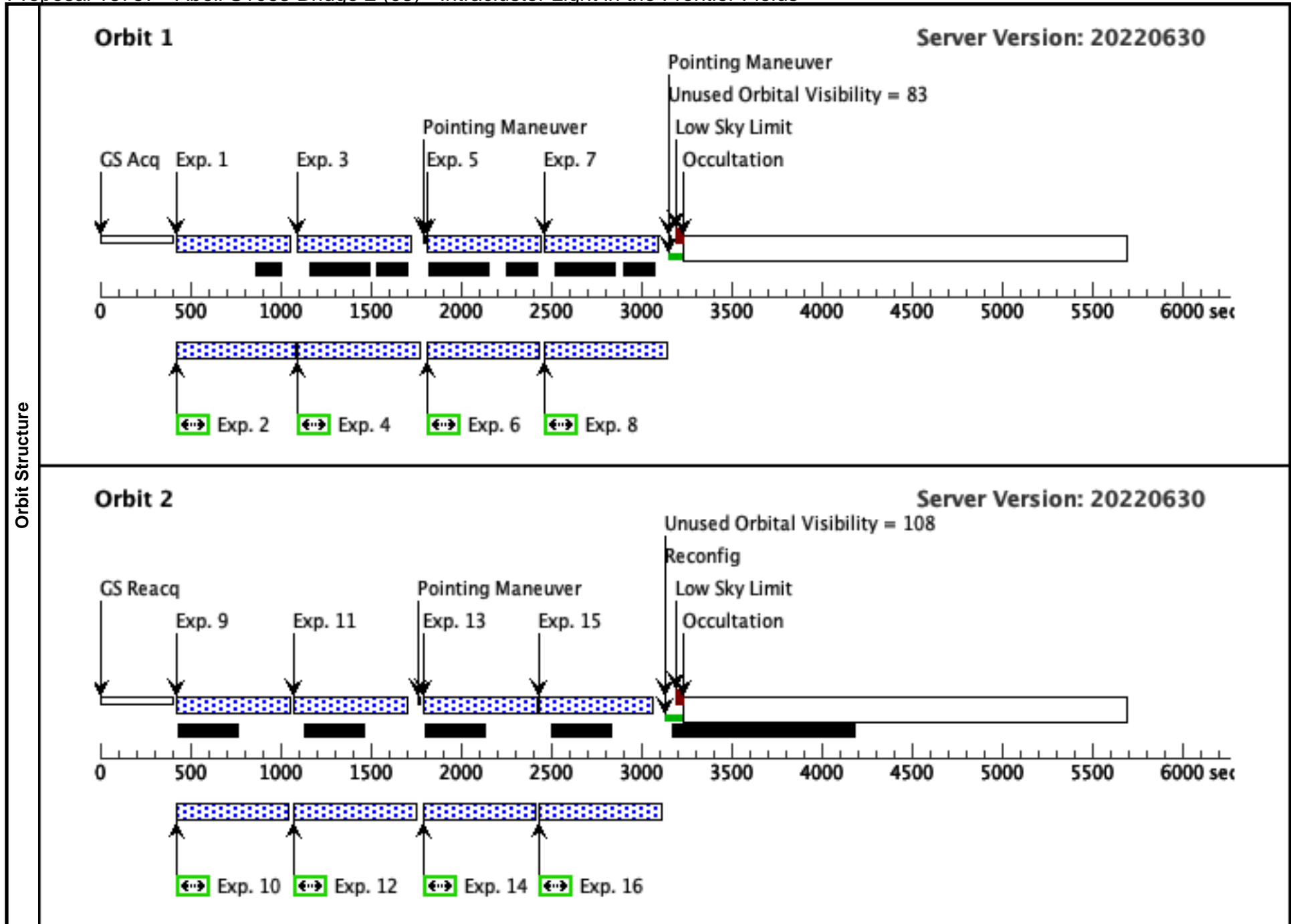
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08)	602.934229 Secs (602.934 Secs) [==>]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08)	450 Secs (450 Secs) [==>]	[1]
	3	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08)	602.934229 Secs (602.934 Secs) [==>]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08)	500 Secs (500 Secs) [==>]	[1]
	5	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08)	602.934229 Secs (602.934 Secs) [==>]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08)	500 Secs (500 Secs) [==>]	[1]
	7	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08)	602.934229 Secs (602.934 Secs) [==>]	[1]
	8	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (08)	500 Secs (500 Secs) [==>]	[1]

Proposal 16757 - Abell S1063 Bridge 2 (08) - Intracluster Light in the Frontier Fields

9	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08)	602.934229 Secs (602.934 Secs) [==>]	[2]
10	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08)	500 Secs (500 Secs) [==>]	[2]
11	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08)	602.934229 Secs (602.934 Secs) [==>]	[2]
12	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08)	500 Secs (500 Secs) [==>]	[2]
13	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08)	602.934229 Secs (602.934 Secs) [==>]	[2]
14	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08)	500 Secs (500 Secs) [==>]	[2]
15	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08)	602.934229 Secs (602.934 Secs) [==>]	[2]

Proposal 16757 - Abell S1063 Bridge 2 (08) - Intracluster Light in the Frontier Fields

16	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W	Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (08)	500 Secs (500 Secs) [==>]	[2]
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Proposal 16757 - Abell S1063 Bridge 2 (12) - Intracluster Light in the Frontier Fields

Visit	Proposal 16757, Abell S1063 Bridge 2 (12), scheduling Wed Feb 15 18:00:51 GMT 2023					
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 11					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	ACO-S-1063-BRIDGE2	RA: 22 49 4.8500 (342.2702083d) Dec: -44 32 18.79 (-44.53855d) Equinox: J2000	Epoch of Position: 2015.5	V=27	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]						

Proposal 16757 - Abell S1063 Bridge 2 (12) - Intracluster Light in the Frontier Fields

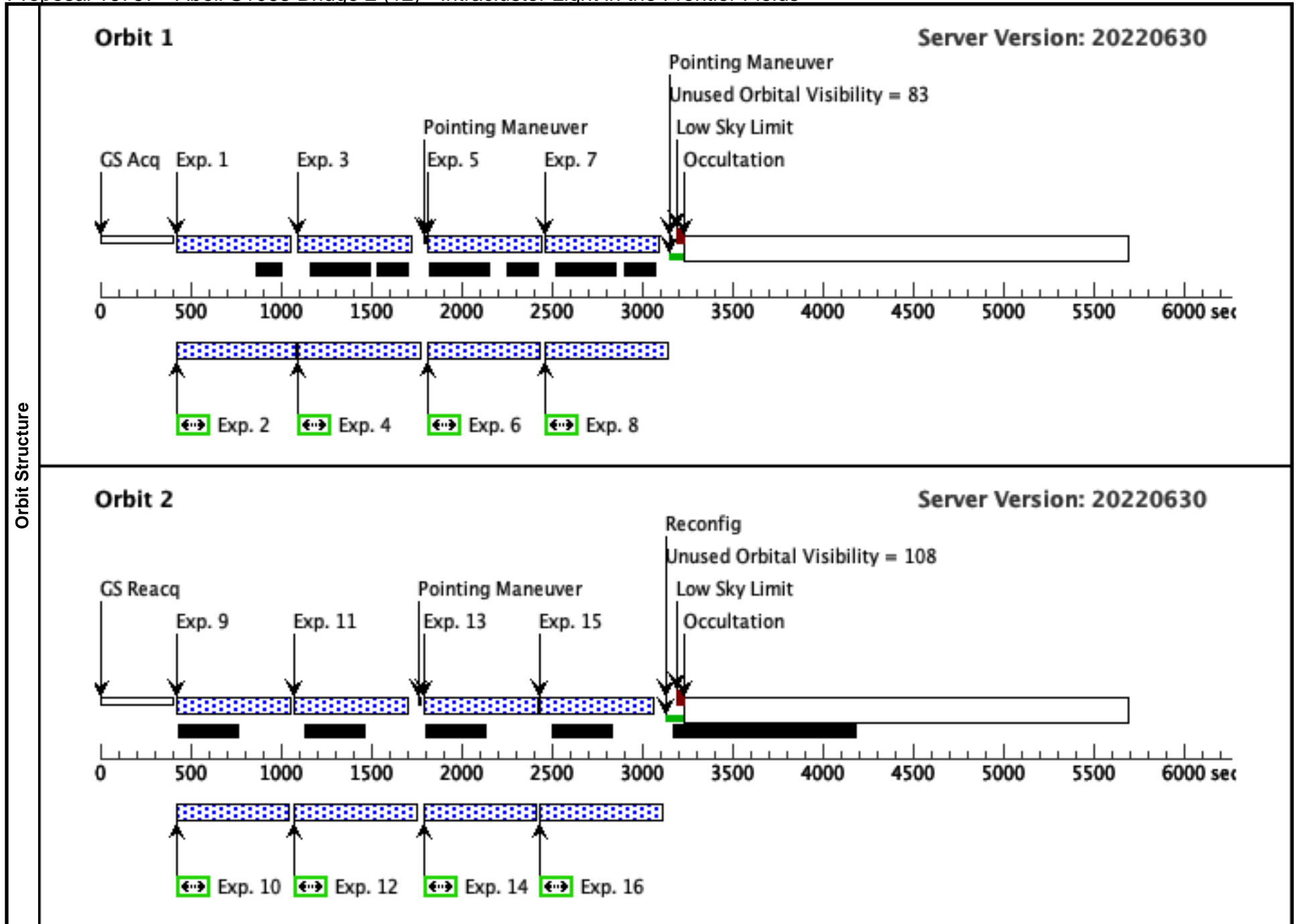
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12)	602.934229 Secs (602.934 Secs) [==>]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12)	450 Secs (450 Secs) [==>]	[1]
	3	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12)	602.934229 Secs (602.934 Secs) [==>]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12)	500 Secs (500 Secs) [==>]	[1]
	5	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12)	602.934229 Secs (602.934 Secs) [==>]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12)	500 Secs (500 Secs) [==>]	[1]
	7	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12)	602.934229 Secs (602.934 Secs) [==>]	[1]
	8	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell S1063 Bridge 2 (12)	500 Secs (500 Secs) [==>]	[1]

Proposal 16757 - Abell S1063 Bridge 2 (12) - Intracluster Light in the Frontier Fields

9	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12)	602.934229 Secs (602.934 Secs) [==>]	[2]
10	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12)	500 Secs (500 Secs) [==>]	[2]
11	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12)	602.934229 Secs (602.934 Secs) [==>]	[2]
12	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12)	500 Secs (500 Secs) [==>]	[2]
13	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12)	602.934229 Secs (602.934 Secs) [==>]	[2]
14	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12)	500 Secs (500 Secs) [==>]	[2]
15	(8) ACO-S-1063-BR IDGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12)	602.934229 Secs (602.934 Secs) [==>]	[2]

Proposal 16757 - Abell S1063 Bridge 2 (12) - Intracluster Light in the Frontier Fields

16	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W	Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in Abell S1063 Bridge 2 (12)	500 Secs (500 Secs) [==>]	[2]
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Proposal 16757 - Abell 2744 Bridge 1 (09) - Intracluster Light in the Frontier Fields

Visit	Proposal 16757, Abell 2744 Bridge 1 (09), completed Wed Feb 15 18:00:52 GMT 2023					
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 228D TO 238 D; ORIENT 48D TO 58 D					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(9)	ACO-2744-BRIDGE1	RA: 00 14 4.0490 (3.5168708d) Dec: -30 23 15.42 (-30.38762d) Equinox: J2000	Epoch of Position: 2015.5	V=27	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]						

Proposal 16757 - Abell 2744 Bridge 1 (09) - Intracluster Light in the Frontier Fields

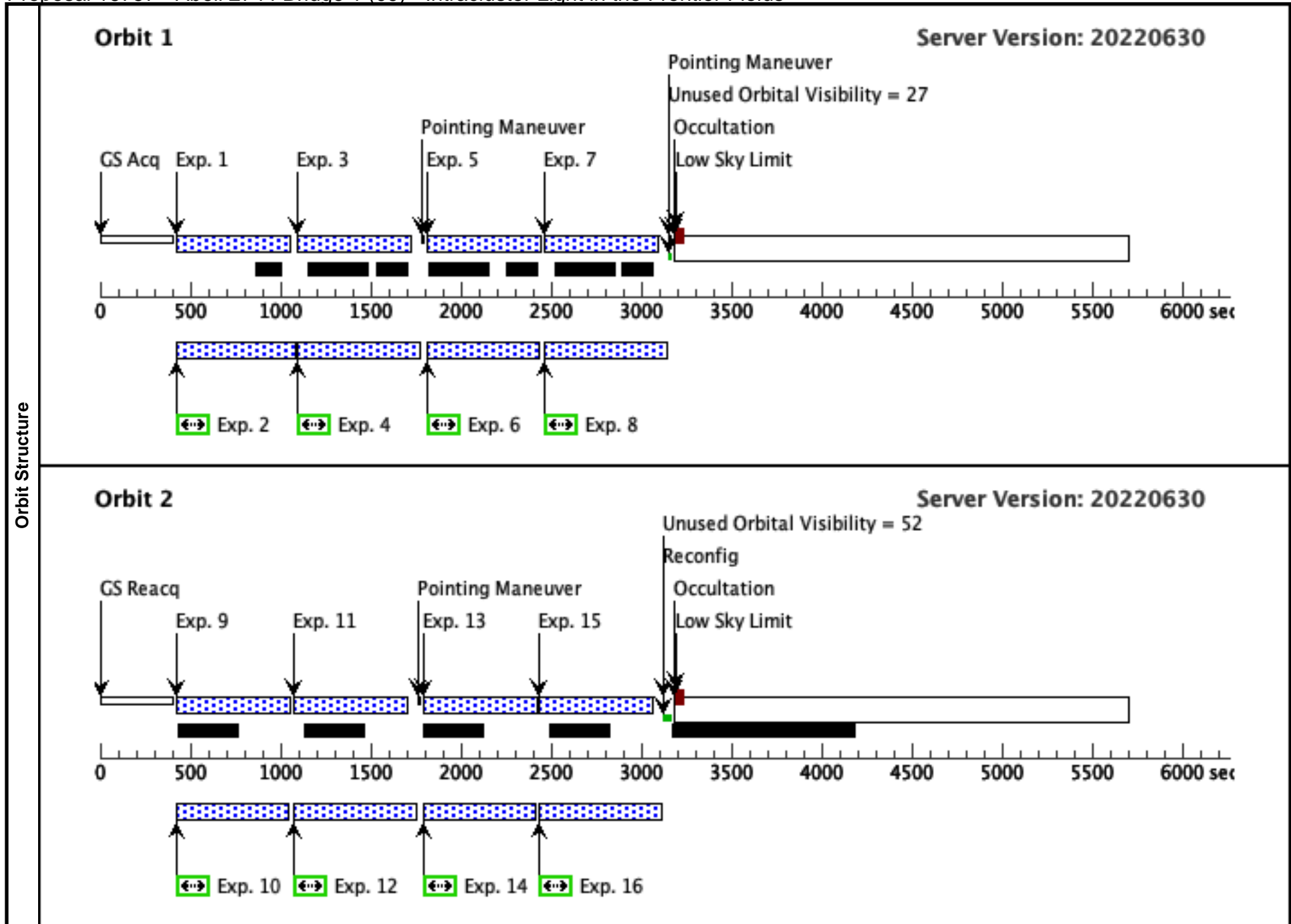
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(9) ACO-2744-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09)	602.934229 Secs (602.934 Secs) [==>]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09)	450 Secs (450 Secs) [==>]	[1]
	3	(9) ACO-2744-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09)	602.934229 Secs (602.934 Secs) [==>]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09)	500 Secs (500 Secs) [==>]	[1]
	5	(9) ACO-2744-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09)	602.934229 Secs (602.934 Secs) [==>]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09)	500 Secs (500 Secs) [==>]	[1]
	7	(9) ACO-2744-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09)	602.934229 Secs (602.934 Secs) [==>]	[1]
	8	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell 2744 Bridge 1 (09)	500 Secs (500 Secs) [==>]	[1]

Proposal 16757 - Abell 2744 Bridge 1 (09) - Intracluster Light in the Frontier Fields

9	(9) ACO-2744-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09)	602.934229 Secs (602.934 Secs) [==>]	[2]
10	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09)	500 Secs (500 Secs) [==>]	[2]
11	(9) ACO-2744-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09)	602.934229 Secs (602.934 Secs) [==>]	[2]
12	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09)	500 Secs (500 Secs) [==>]	[2]
13	(9) ACO-2744-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09)	602.934229 Secs (602.934 Secs) [==>]	[2]
14	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09)	500 Secs (500 Secs) [==>]	[2]
15	(9) ACO-2744-BRID GE1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09)	602.934229 Secs (602.934 Secs) [==>]	[2]

Proposal 16757 - Abell 2744 Bridge 1 (09) - Intracluster Light in the Frontier Fields

16	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W	Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in Abell 2744 Bridge 1 (09)	500 Secs (500 Secs) [==>]	[2]
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Proposal 16757 - Abell 2744 Bridge 2 (10) - Intracluster Light in the Frontier Fields

Visit	Proposal 16757, Abell 2744 Bridge 2 (10), completed Wed Feb 15 18:00:52 GMT 2023					
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 09					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	ACO-2744-BRIDGE2	RA: 00 14 10.2190 (3.5425792d) Dec: -30 23 27.93 (-30.39109d) Equinox: J2000	Epoch of Position: 2015.5	V=27	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=CLUSTER OF GALAXIES Description=[RICH CLUSTER]						

Proposal 16757 - Abell 2744 Bridge 2 (10) - Intracluster Light in the Frontier Fields

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(10) ACO-2744-BRI DGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10)	602.934229 Secs (602.934 Secs) [==>]	[1]
	2	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 1-2 in Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10)	450 Secs (450 Secs) [==>]	[1]
	3	(10) ACO-2744-BRI DGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.93,-1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10)	602.934229 Secs (602.934 Secs) [==>]	[1]
	4	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 3-4 in Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10)	500 Secs (500 Secs) [==>]	[1]
	5	(10) ACO-2744-BRI DGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10)	602.934229 Secs (602.934 Secs) [==>]	[1]
	6	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 5-6 in Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10)	500 Secs (500 Secs) [==>]	[1]
	7	(10) ACO-2744-BRI DGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 1.93,1.729; LOW-SKY	Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10)	602.934229 Secs (602.934 Secs) [==>]	[1]
	8	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 7-8 in Sequence 1-8 Non-Int in Abell 2744 Bridge 2 (10)	500 Secs (500 Secs) [==>]	[1]

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9	(10) ACO-2744-BRI DGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10)	602.934229 Secs (602.934 Secs) [==>]	[2]
10	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 9-10 in Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10)	500 Secs (500 Secs) [==>]	[2]
11	(10) ACO-2744-BRI DGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG -1.456,- 1.305; LOW-SKY	Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10)	602.934229 Secs (602.934 Secs) [==>]	[2]
12	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 11-12 in Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10)	500 Secs (500 Secs) [==>]	[2]
13	(10) ACO-2744-BRI DGE2	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10)	602.934229 Secs (602.934 Secs) [==>]	[2]
14	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 13-14 in Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10)	500 Secs (500 Secs) [==>]	[2]
15	(10) ACO-2744-BRI DGE2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=7; SAMP-SEQ=SPAR S100	POS TARG 2.404,2. 153; LOW-SKY	Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10)	602.934229 Secs (602.934 Secs) [==>]	[2]

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16	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W	Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10) Prime + Parallel Group 15-16 in Sequence 9-16 Non-Int in Abell 2744 Bridge 2 (10)	500 Secs (500 Secs) [==>]	[2]
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