



## 16281 - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright Ages

Cycle: 28, Proposal Category: GO

(Availability Mode: SUPPORTED)

### INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
<b>Dr. Marco Chiaberge (PI) (ESA Member) (Contact)</b>	<b>Space Telescope Science Institute - ESA</b>	<b>marcoc@stsci.edu</b>
Dr. William B. Sparks (CoI) (AdminUSPI)	SETI Institute	wsparks@seti.org
Dr. Grant R. Tremblay (CoI)	Smithsonian Institution Astrophysical Observatory	gtremblay@cfa.harvard.edu
Dr. Christopher P. O'Dea (CoI) (CSA Member)	University of Manitoba	odeac@umanitoba.ca
Dr. Stefi A. Baum (CoI) (CSA Member)	University of Manitoba	stefi.baum@umanitoba.ca
Dr. George K. Miley (CoI) (ESA Member)	Universiteit Leiden	miley@strw.leidenuniv.nl
Dr. Alessandro Capetti (CoI) (ESA Member)	Osservatorio Astronomico di Torino	alessandro.capetti@inaf.it
Dr. F. Duccio Macchetto (CoI)	Space Telescope Science Institute	duccio@stsci.edu
Prof. Eric S. Perlman (CoI)	Florida Institute of Technology	eperlman@fit.edu
Dr. Eileen T Meyer (CoI)	University of Maryland Baltimore County	meyer@umbc.edu
Mr. Bryan Hilbert (CoI)	Space Telescope Science Institute	hilbert@stsci.edu
Dr. Carlo Stanghellini (CoI) (ESA Member)	INAF Istituto di Radioastronomia	cstan@ira.inaf.it
Martin Haas (CoI) (ESA Member)	Ruhr-Universitat Bochum	haas@astro.rub.de
Prof. Peter Barthel (CoI) (ESA Member)	Kapteyn Astronomical Institute	pdb@astro.rug.nl
Dr. Belinda J. Wilkes (CoI)	Smithsonian Institution Astrophysical Observatory	bwilkes@cfa.harvard.edu
Dr. Barbara Balmaverde (CoI) (ESA Member)	Osservatorio Astronomico di Torino	barbara.balmaverde@inaf.it
Dr. Steven P. Willner (CoI)	Smithsonian Institution Astrophysical Observatory	swillner@cfa.harvard.edu
Dr. Colin A. Norman (CoI)	The Johns Hopkins University	norman@stsci.edu

**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	(3) 3C13	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:18.0	yes
03	(5) 3C36	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:19.0	yes
04	(7) 3C65	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:20.0	yes
05	(8) 3C68.2	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:21.0	yes
06	(9) 3C119	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:22.0	yes
07	(10) 3C124	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:23.0	yes
08	(11) 3C173	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:23.0	yes
09	(15) 3C194	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:24.0	yes
10	(18) 3C208.1	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:25.0	yes
11	(20) 3C222	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:26.0	yes
12	(21) 3C225A	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:27.0	yes
13	(22) 3C238	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:28.0	yes
14	(23) 3C239	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:28.0	yes

Proposal 16281 (STScI Edit Number: 4, Created: Friday, June 11, 2021 at 1:01:56 PM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
15	(24) 3C241	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:30.0	yes
16	(38) 3C250	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:30.0	yes
18	(27) 3C256	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:31.0	yes
19	(28) 3C266	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:32.0	yes
20	(29) 3C267	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:33.0	yes
21	(31) 3C294	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:33.0	yes
22	(39) 3C318	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:34.0	yes
23	(40) 3C325	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:35.0	yes
24	(42) 4C13.66	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:36.0	yes
25	(32) 3C368	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:37.0	yes
26	(33) 3C437	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:37.0	yes
27	(35) 3C469.1	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:38.0	yes
28	(36) 3C470	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:39.0	yes
39	(37) 3C249	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:40.0	yes

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<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
02	(1) 3C2	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:41.0	yes
29	(2) 3C9	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:42.0	yes
30	(4) 3C14	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:43.0	yes
31	(6) 3C43	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:44.0	yes
32	(12) 3C181	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:45.0	yes
33	(13) 3C190	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:46.0	yes
43	(13) 3C190 (43) 3C190-COPY	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:47.0	yes
34	(14) 3C191	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:48.0	yes
35	(16) 3C204	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:49.0	yes
36	(17) 3C205	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:50.0	yes
37	(19) 3C212	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:51.0	yes
38	(25) 3C245-OFF	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:52.0	yes
40	(30) 3C280.1	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:53.0	yes
41	(41) 4C16.49	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:54.0	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>
42	(34) 3C454	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:55.0	yes
44	(44) 3C-82	WFC3/IR WFC3/UVIS	1	11-Jun-2021 14:01:55.0	yes

43 Total Orbits Used

## **ABSTRACT**

At redshifts between 1 and 2, massive elliptical galaxies are assembling and black holes (BHs) are in the final stages of merging: the AGN phenomenon is about 1000 times more common and star formation is vastly more vigorous than it is now. As the Universe evolves through this enormous transition, important questions arise concerning the causal relationships and interplay between these powerful physical phenomena. Does the AGN fundamentally influence its environment, triggering or quenching star formation on a galactic or galaxy-cluster scale? Do the physical processes of this transition result in the fundamental relationships seen in galaxies today? We propose a complete two-filter WFC3 survey of the 3CR radio source host galaxies at  $z > 1$ . These are the most powerful radio-loud AGNs that exist at such redshifts, hosted by the progenitors of some of the most massive ellipticals. HST is the only great observatory that has not achieved complete coverage of this landmark sample of quasars and radio galaxies, yet statistical completeness is essential. We will reveal with unprecedented clarity the star formation at this critical moment in the evolution of galaxies, AGN and clusters. We will reveal the cluster environment of these systems in the final stages of hierarchical merging. We will probe the influence of the powerful AGN on young and evolved stellar populations. We will determine whether all radio-loud AGNs are triggered by major galaxy and black hole mergers, a fundamental piece of information for galaxy-BH co-evolution models, and strive to articulate the fundamental interrelationships that lead to the Universe of galaxies, black holes and clusters we see today.

## **OBSERVING DESCRIPTION**

We will obtain WFC3/UVIS exposures of rest-frame NUV (F606W), and WFC3/IR rest frame visual continuum (F140W), 1 orbit total, with the ~2:1 time weighting to approximately balance the S/N in the two images.

We will use standard 3-point dithering strategy to eliminate cosmic rays, hot pixels and cover the chip gap where relevant. We will use one full orbit per object (900s total exposure time for WFC3/IR using SAMP-SEQ=STEP 50 as in the Cycle 20 SNAP program, and ~1500s for

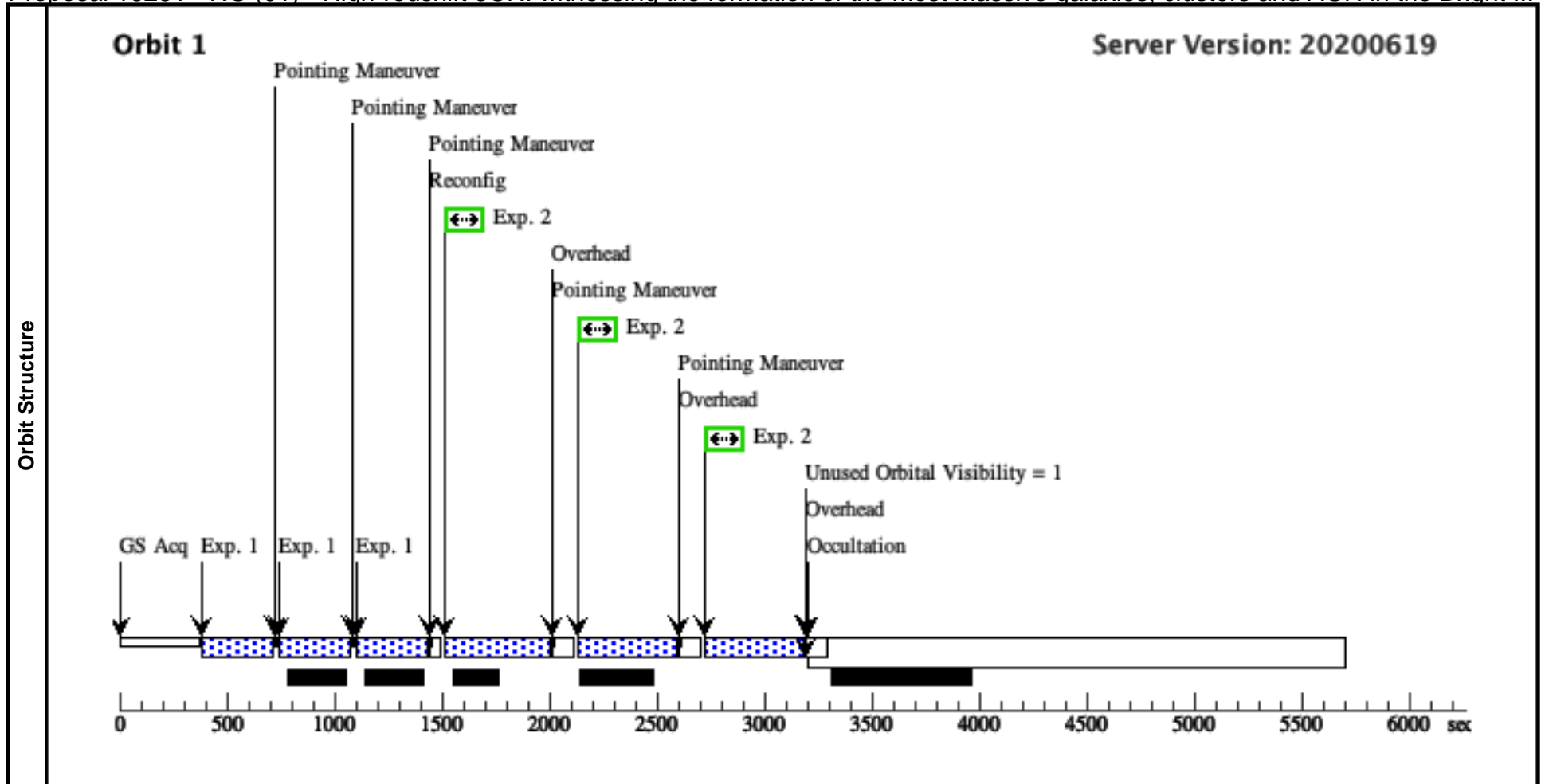
Proposal 16281 (STScI Edit Number: 4, Created: Friday, June 11, 2021 at 1:01:56 PM Eastern Standard Time) - Overview

WFC3/UVIS). We require longer exposures in F606W to roughly match the depth of F140W.

For the QSOs, we will also have a ~30s short exposure to recover the PSF shape in case the point source is saturated in the longer exposures. We expect mild saturation for all QSOs. This technique is substantially the same as we used in our Cycle 20 SNAP program 13023

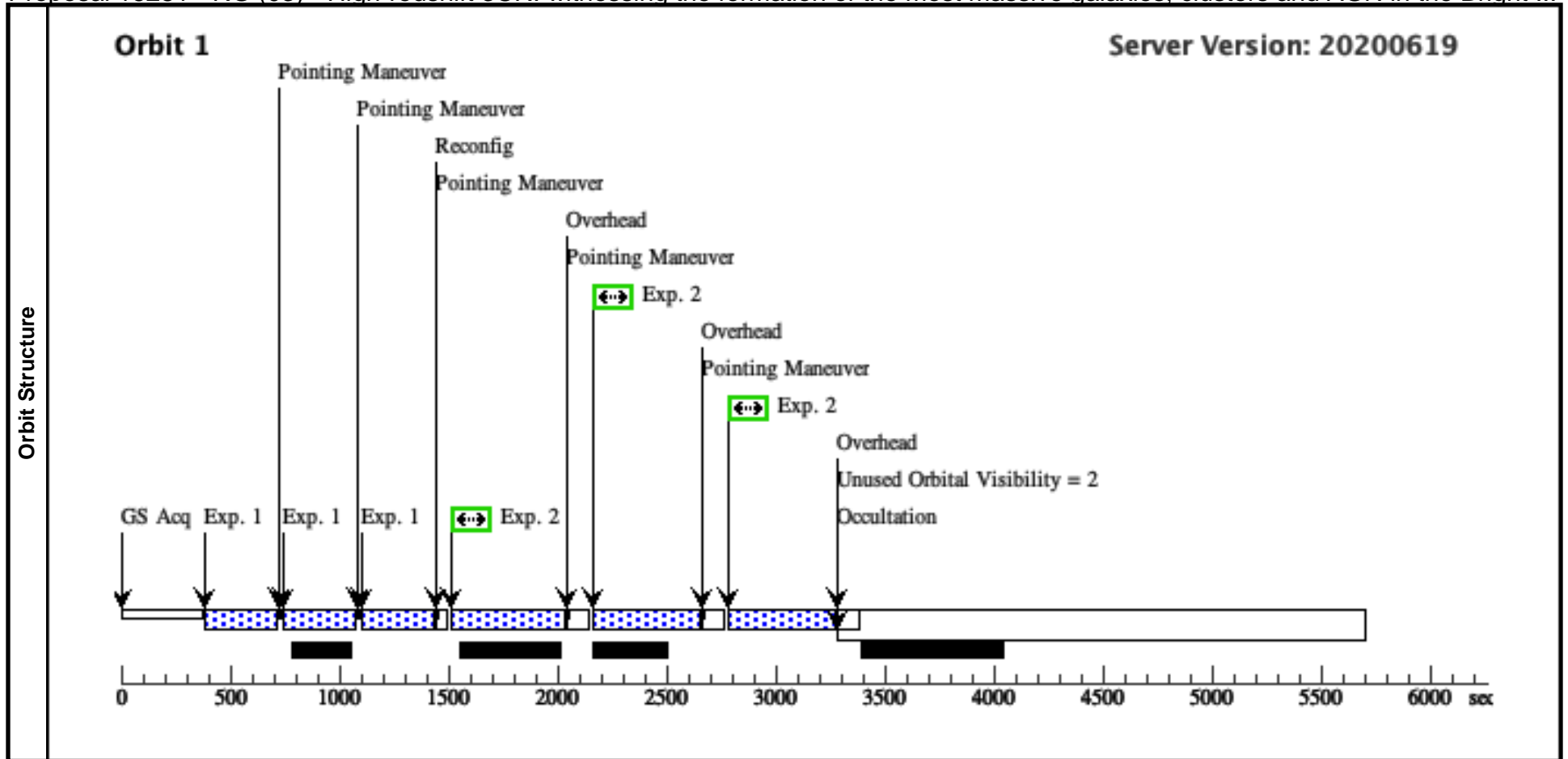
Proposal 16281 - RG (01) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Visit		<b>Proposal 16281, RG (01), completed</b> <span style="float: right;">Fri Jun 11 18:01:56 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)							
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	3C13	RA: 00 34 14.6000 (8.5608333d) Dec: +39 24 17.00 (39.40472d) Equinox: J2000	Redshift: 1.351	V=(?) 22.5	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) 3C13	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 i n RG (01) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]
2		(3) 3C13	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 i n RG (01) (2)	462 Secs (1386 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]



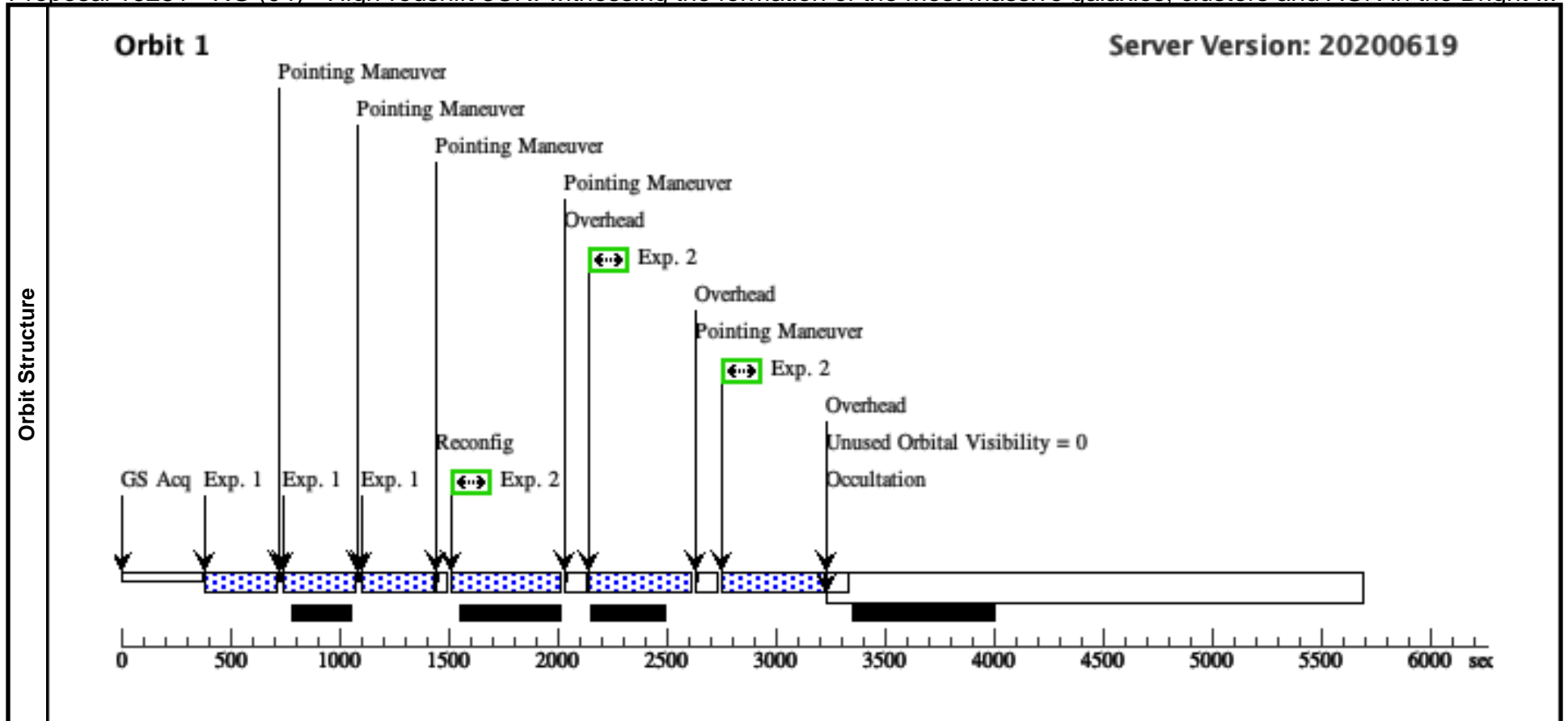
Proposal 16281 - RG (03) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Visit	<b>Proposal 16281, RG (03), completed</b> <span style="float: right;">Fri Jun 11 18:01:56 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none) <i>Comments: depending on ORIENT there could be bright stars in the FOV</i>									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)					
	(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	3C36	RA: 01 17 59.5000 (19.4979167d) Dec: +45 36 22.00 (45.60611d) Equinox: J2000	Redshift: 1.301	V=(?) 20.	Reference Frame: ICRS				
	<i>Comments: Category=GALAXY Description=[RADIO GALAXY]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(5) 3C36	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 i n RG (03) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
2	(5) 3C36	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 i n RG (03) (2)	462 Secs (1470 Secs) [==>490.0 Secs (Pattern 1)] [==>490.0 Secs (Pattern 2)] [==>490.0 Secs (Pattern 3)]	[1]	



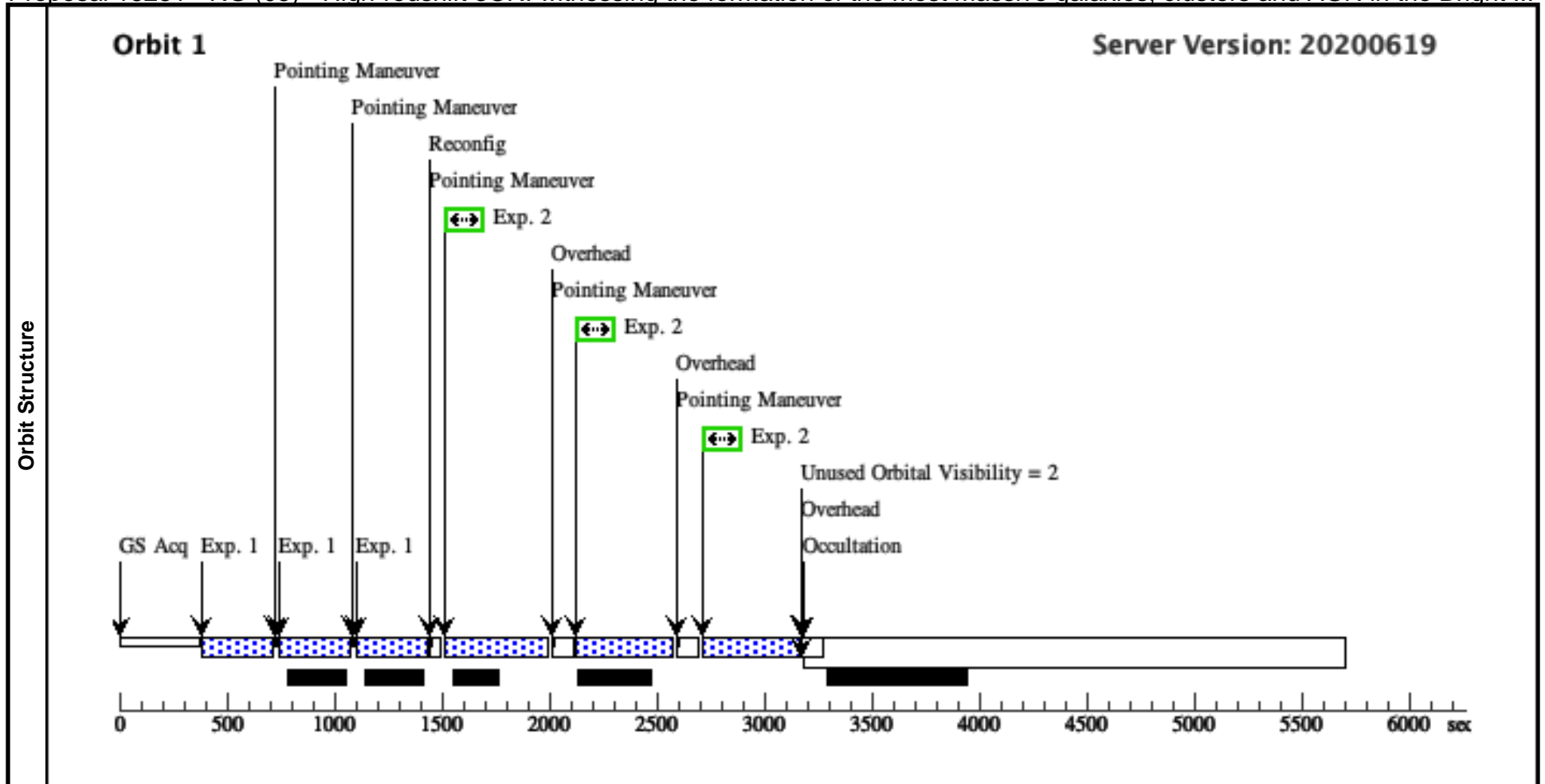
Proposal 16281 - RG (04) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Visit		<b>Proposal 16281, RG (04), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none) <i>Comments: One bright star V=13 ~40" from the target</i>					Fri Jun 11 18:01:56 GMT 2021				
		Patterns		#	Primary Pattern	Secondary Pattern	Exposures				
(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false	(1)						
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true	(2)								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(7)	3C65	RA: 02 23 43.2000 (35.9300000d) Dec: +40 00 52.00 (40.01444d) Equinox: J2000	Redshift: 1.176	V=(?) 23.	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]											
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	(7) 3C65	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 i n RG (04) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
2	(7) 3C65	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 i n RG (04) (2)	462 Secs (1425 Secs) [==>475.0 Secs (Pattern 1)] [==>475.0 Secs (Pattern 2)] [==>475.0 Secs (Pattern 3)]		[1]		



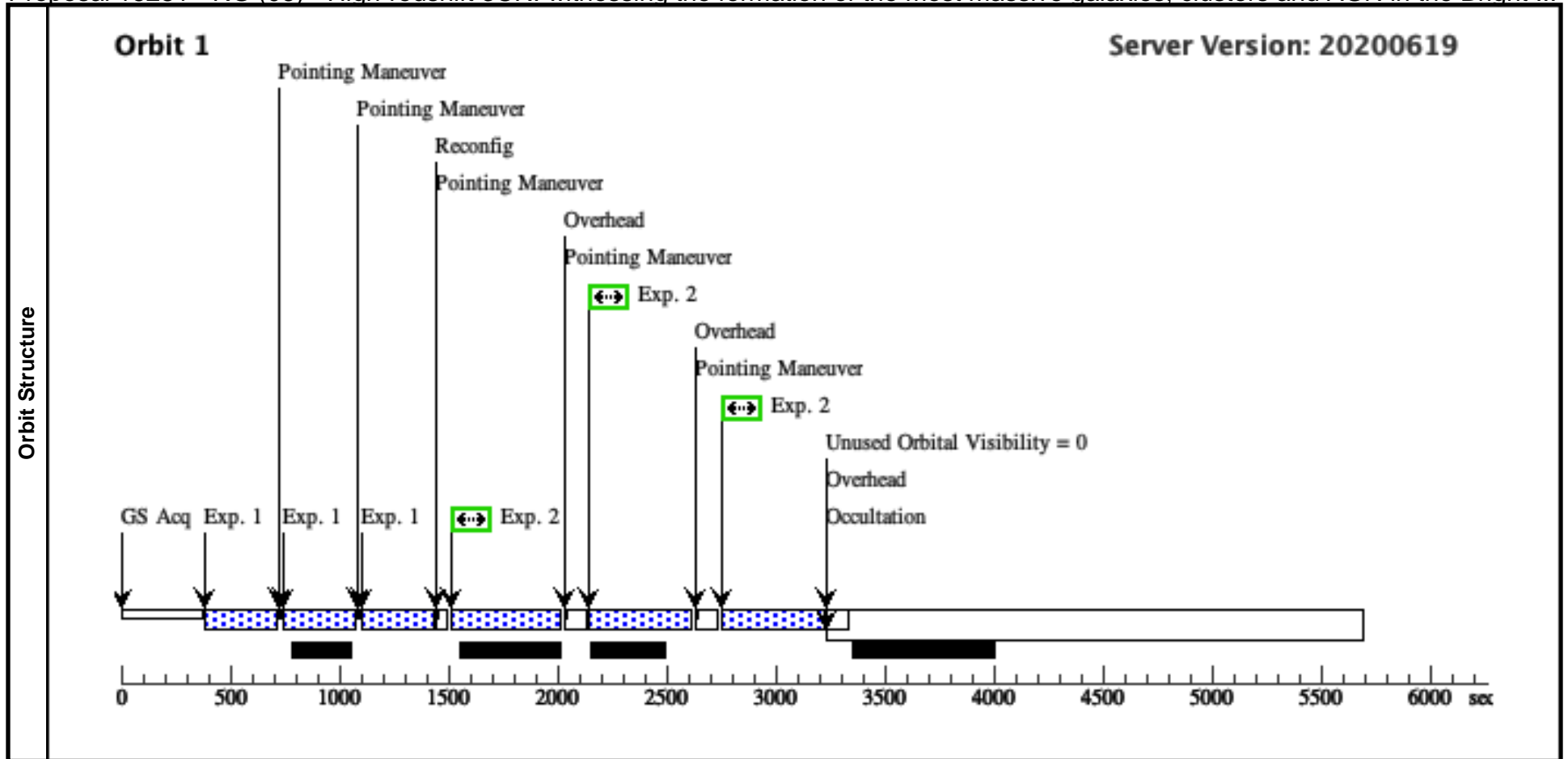
Proposal 16281 - RG (05) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Visit		<b>Proposal 16281, RG (05), completed</b> <span style="float: right;">Fri Jun 11 18:01:56 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)					
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(8)	3C68.2	RA: 02 34 23.9000 (38.5995833d) Dec: +31 34 17.00 (31.57139d) Equinox: J2000	Redshift: 1.575	V=(?) 23.5	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(8) 3C68.2	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 i n RG (05) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]
2		(8) 3C68.2	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 i n RG (05) (2)	462 Secs (1365 Secs) [==>455.0 Secs (Pattern 1)] [==>455.0 Secs (Pattern 2)] [==>455.0 Secs (Pattern 3)]	[1]



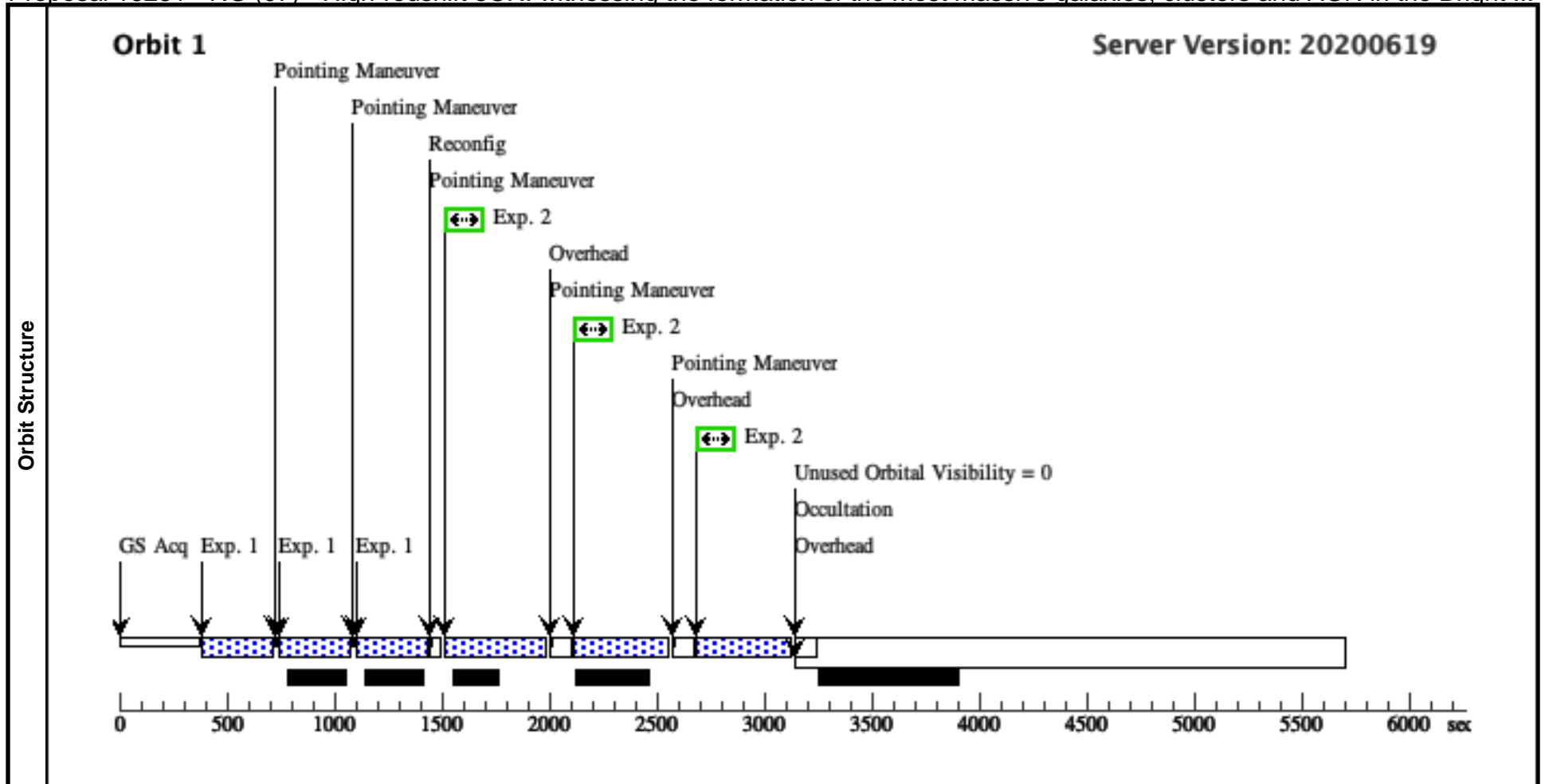
Proposal 16281 - RG (06) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Visit		<b>Proposal 16281, RG (06), completed</b> <span style="float: right;">Fri Jun 11 18:01:56 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)					
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	3C119	RA: 04 32 36.5000 (68.1520833d) Dec: +41 38 28.00 (41.64111d) Equinox: J2000	Redshift: 1.023	V=(?) 20.	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) 3C119	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 in RG (06) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]
2		(9) 3C119	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 in RG (06) (2)	462 Secs (1425 Secs) [==>475.0 Secs (Pattern 1)] [==>475.0 Secs (Pattern 2)] [==>475.0 Secs (Pattern 3)]	[1]



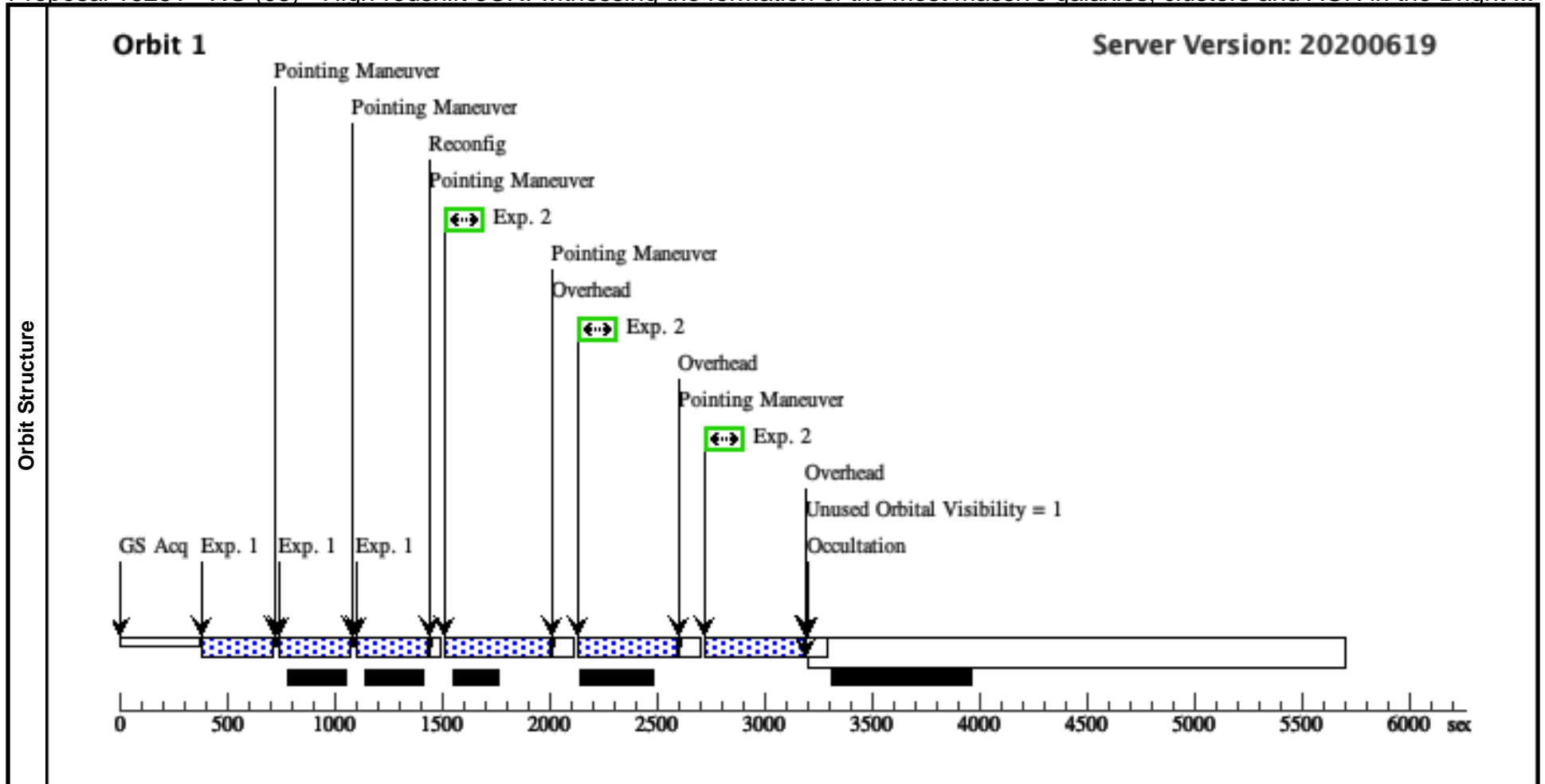
Proposal 16281 - RG (07) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Visit		Proposal 16281, RG (07), completed					Fri Jun 11 18:01:56 GMT 2021			
Diagnostic Status: No Diagnostics		Scientific Instruments: WFC3/IR, WFC3/UVIS								
Special Requirements: (none)										
Patterns	#	Primary Pattern		Secondary Pattern		Exposures				
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1)				
	(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true			(2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	3C124	RA: 04 41 59.1000 (70.4962500d) Dec: +01 21 2.00 (1.35056d) Equinox: J2000	Redshift: 1.083	V=(?) 22	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(10) 3C124	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in RG (07) (1)	299.232481 Secs (897.697 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
2		(10) 3C124	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 in RG (07) (2)	462 Secs (1329 Secs)	
									[==>443.0 Secs (Pattern 1)] [==>443.0 Secs (Pattern 2)] [==>443.0 Secs (Pattern 3)]	[1]



Proposal 16281 - RG (08) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

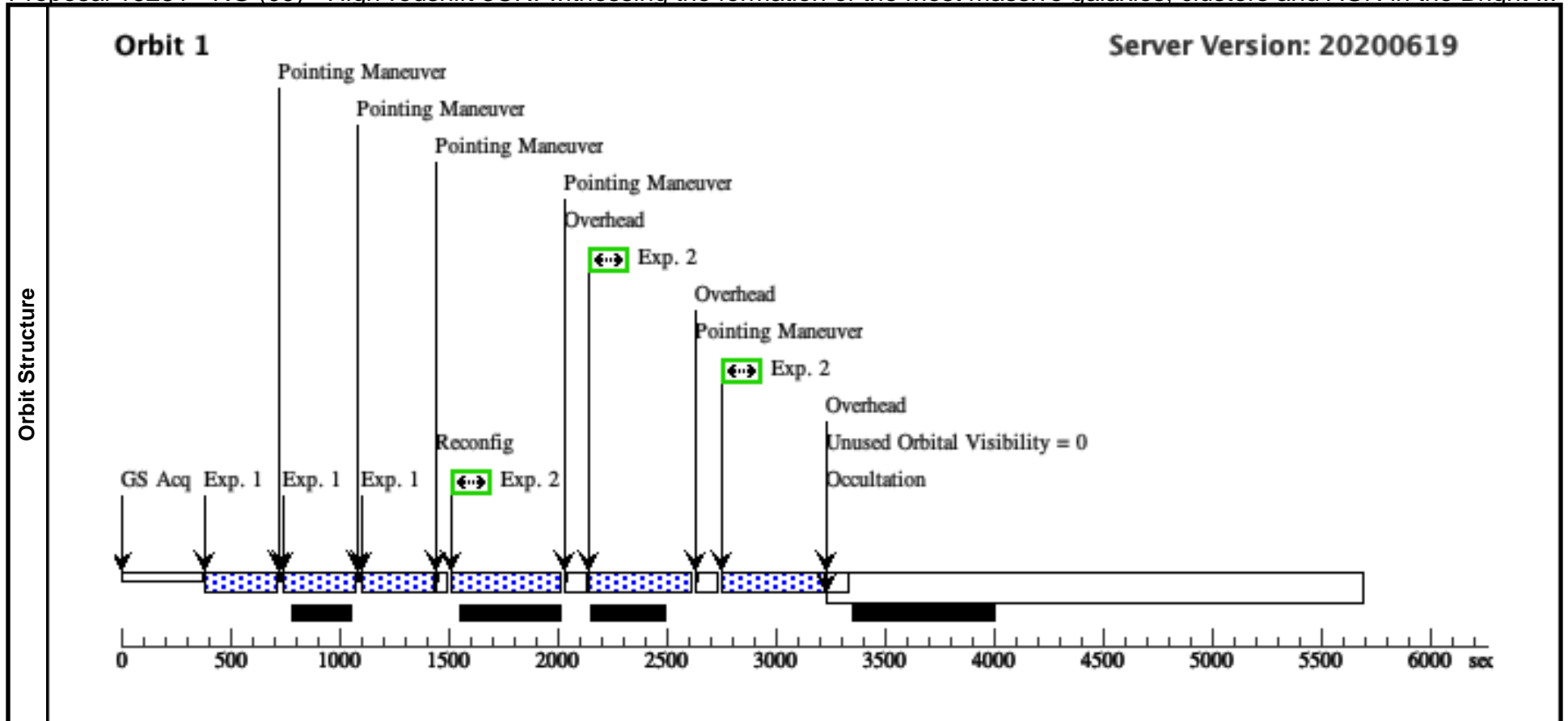
Visit		<b>Proposal 16281, RG (08), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none) <i>Comments: Bright star (V=12.85) 10" from the target.</i>					Fri Jun 11 18:01:57 GMT 2021																									
Patterns		<table border="1"> <thead> <tr> <th>#</th> <th>Primary Pattern</th> <th>Secondary Pattern</th> <th>Exposures</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>                             Pattern Type=WFC3-IR-DITHER-LINE-3PT                              Purpose=DITHER                              Number Of Points=3                              Point Spacing=1.272                              Line Spacing=                              Coordinate Frame=POS-TARG                              Pattern Orientation=41.788                              Angle Between Sides=                              Center Pattern=false                         </td> <td></td> <td>(1)</td> </tr> <tr> <td>(2)</td> <td>                             Pattern Type=WFC3-UVIS-GAP-LINE                              Purpose=MOSAIC                              Number Of Points=3                              Point Spacing=2.414                              Line Spacing=                              Coordinate Frame=POS-TARG                              Pattern Orientation=85.759                              Angle Between Sides=                              Center Pattern=true                         </td> <td></td> <td>(2)</td> </tr> </tbody> </table>	#	Primary Pattern	Secondary Pattern	Exposures	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)	(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)																		
#	Primary Pattern	Secondary Pattern	Exposures																													
(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)																													
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)																													
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>(11)</td> <td>3C173</td> <td>                             RA: 07 02 20.6000 (105.5858333d)                              Dec: +37 57 21.00 (37.95583d)                              Equinox: J2000                         </td> <td>Redshift: 1.035</td> <td>                             V=(?)                              21.3                         </td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: Category=GALAXY Description=[RADIO GALAXY]</i></p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(11)	3C173	RA: 07 02 20.6000 (105.5858333d) Dec: +37 57 21.00 (37.95583d) Equinox: J2000	Redshift: 1.035	V=(?) 21.3	Reference Frame: ICRS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																											
(11)	3C173	RA: 07 02 20.6000 (105.5858333d) Dec: +37 57 21.00 (37.95583d) Equinox: J2000	Redshift: 1.035	V=(?) 21.3	Reference Frame: ICRS																											
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></td> <td>(11) 3C173</td> <td>WFC3/IR, MULTIACCUM, IR-FIX</td> <td>F140W</td> <td>NSAMP=11; SAMP-SEQ=STEP5 0</td> <td></td> <td>Pattern 1, Exps 1-1 in RG (08) (1)</td> <td>                             299.232481 Secs (897.697 Secs)                              [=&gt;(Pattern 1)]                              [=&gt;(Pattern 2)]                              [=&gt;(Pattern 3)]                         </td> <td>[1]</td> </tr> <tr> <td>2</td> <td></td> <td>(11) 3C173</td> <td>WFC3/UVIS, ACCUM, UVIS-FIX</td> <td>F606W</td> <td>CR-SPLIT=NO</td> <td></td> <td>Pattern 2, Exps 2-2 in RG (08) (2)</td> <td>                             462 Secs (1386 Secs)                              [=&gt;(Pattern 1)]                              [=&gt;(Pattern 2)]                              [=&gt;(Pattern 3)]                         </td> <td>[1]</td> </tr> </tbody> </table>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1		(11) 3C173	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in RG (08) (1)	299.232481 Secs (897.697 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	2		(11) 3C173	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in RG (08) (2)	462 Secs (1386 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																							
1		(11) 3C173	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in RG (08) (1)	299.232481 Secs (897.697 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]																							
2		(11) 3C173	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in RG (08) (2)	462 Secs (1386 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]																							



Proposal 16281 - RG (09) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Fri Jun 11 18:01:57 GMT 2021

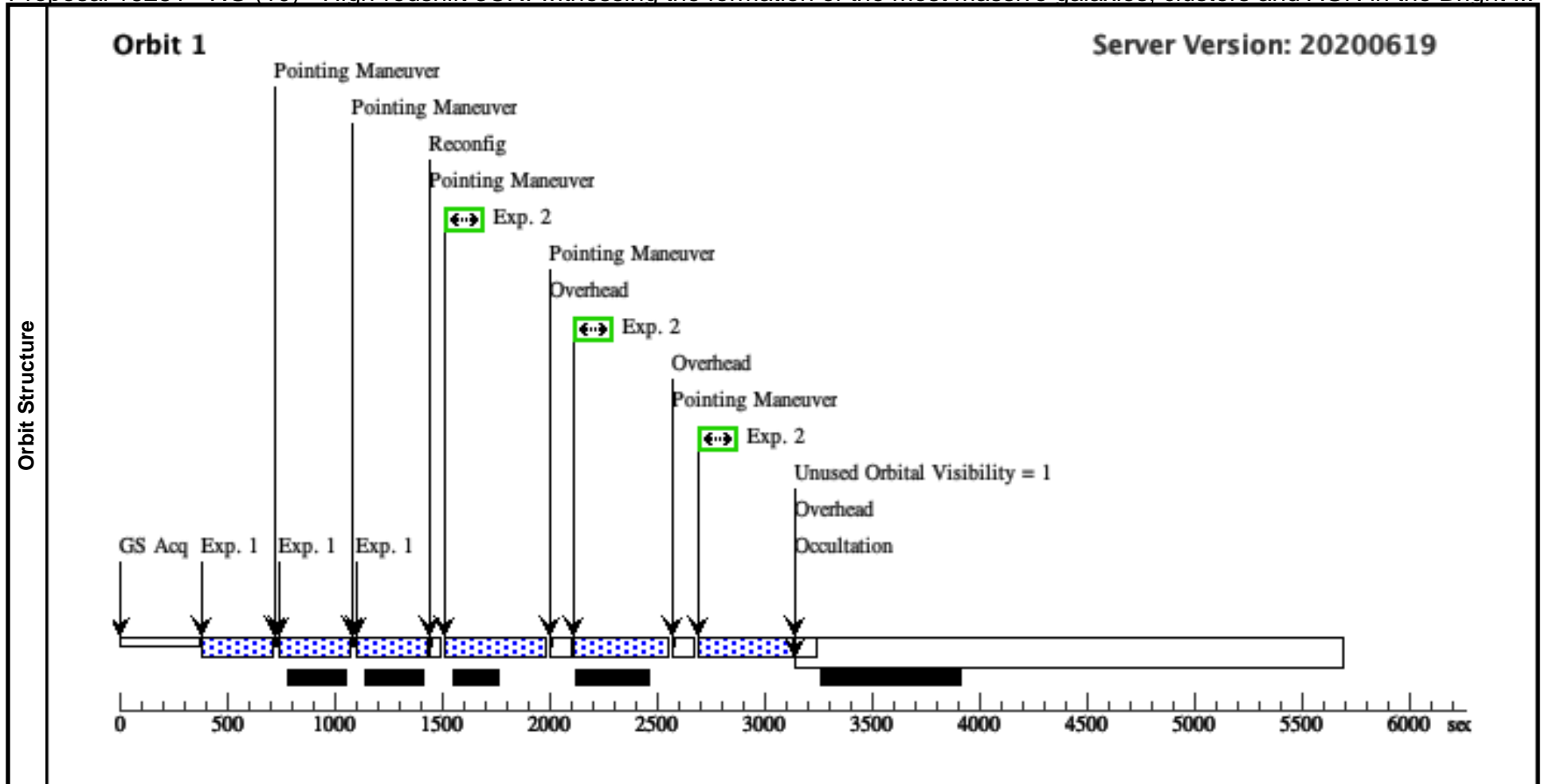
Visit	<b>Proposal 16281, RG (09), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
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Patterns	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
	(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(15)	3C194	RA: 08 10 3.6000 (122.5150000d) Dec: +42 28 4.00 (42.46778d) Equinox: J2000	Redshift: 1.184	V=(?) 24:	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(15) 3C194	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 in RG (09) (1) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
2		(15) 3C194	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 in RG (09) (2) [==>475.0 Secs (Pattern 1)] [==>475.0 Secs (Pattern 2)] [==>475.0 Secs (Pattern 3)]	[1]	



Proposal 16281 - RG (10) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Fri Jun 11 18:01:57 GMT 2021

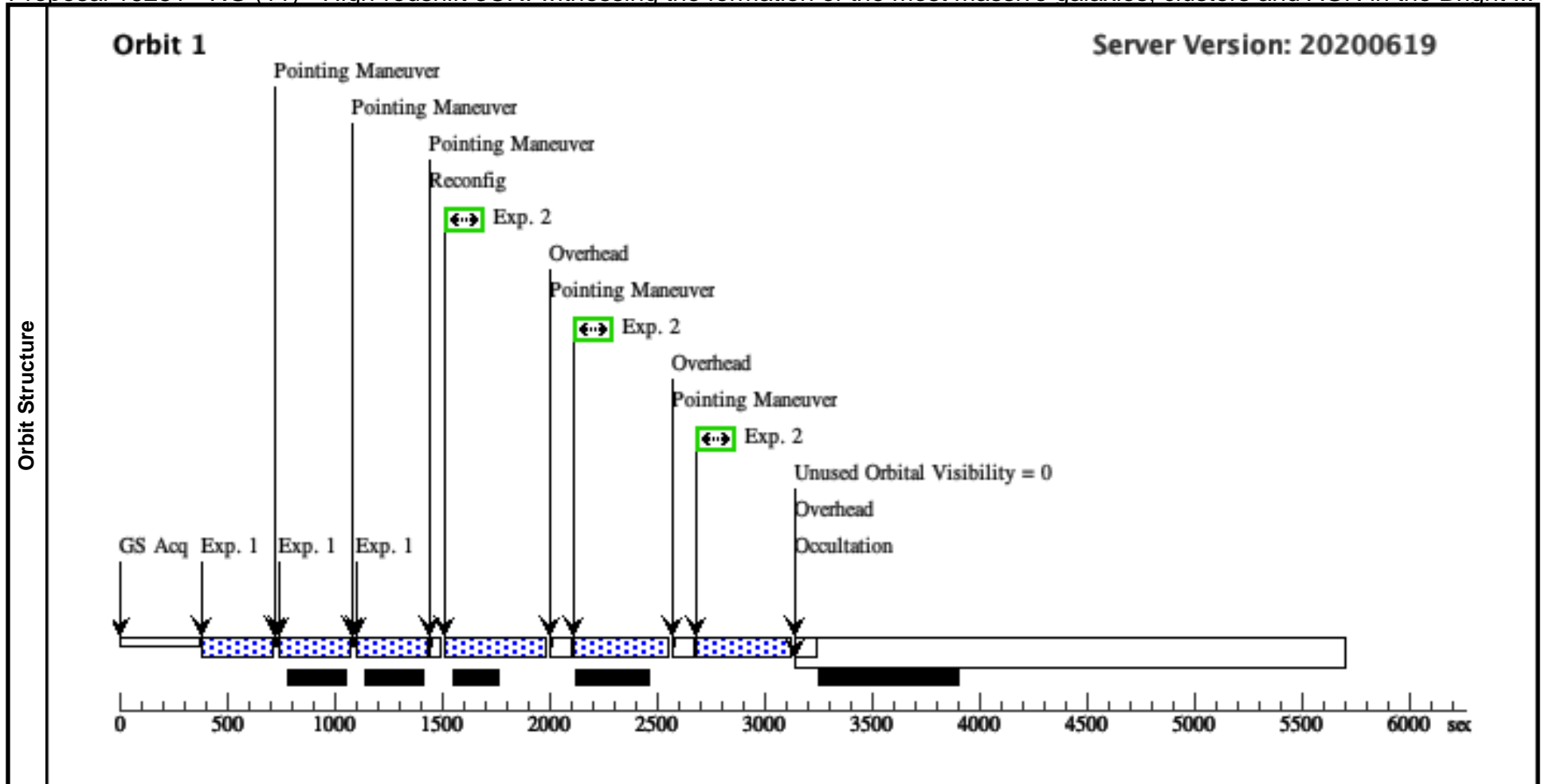
Visit	<b>Proposal 16281, RG (10), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)				
	(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(18)	3C208.1	RA: 08 54 39.3000 (133.6637500d) Dec: +14 05 53.00 (14.09806d) Equinox: J2000	Redshift: 1.02	V=(?) 20.	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(18) 3C208.1	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 in RG (10) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]
2		(18) 3C208.1	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 in RG (10) (2)	462 Secs (1335 Secs) [==>445.0 Secs (Pattern 1)] [==>445.0 Secs (Pattern 2)] [==>445.0 Secs (Pattern 3)]	[1]



Proposal 16281 - RG (11) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

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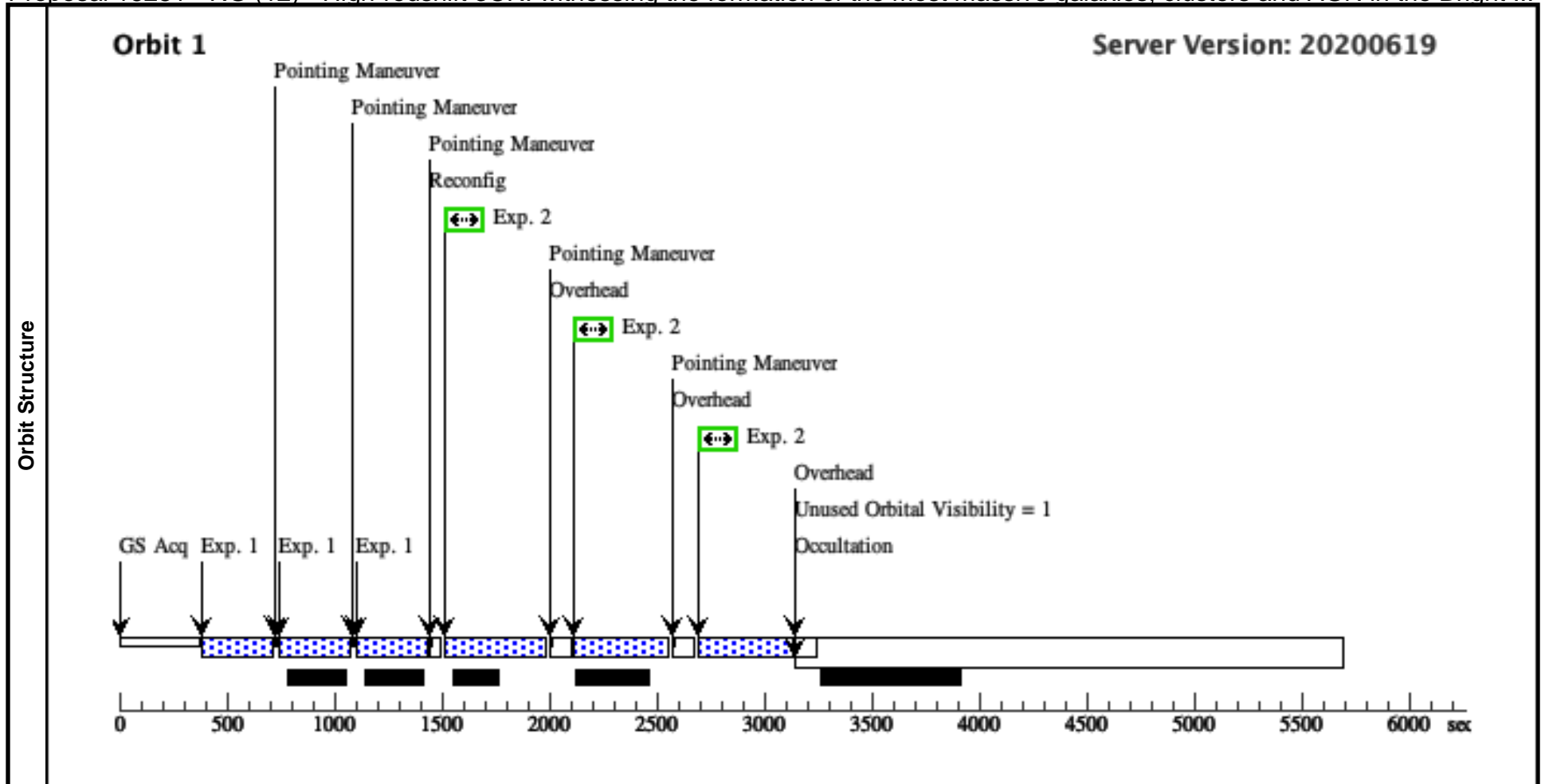
Visit	<b>Proposal 16281, RG (11), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)				
	(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(20)	3C222	RA: 09 36 32.0000 (144.1333333d) Dec: +04 22 10.00 (4.36944d) Equinox: J2000	Redshift: 1.339	V=(?) 23.00	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) 3C222	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 in RG (11) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]
2		(20) 3C222	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 in RG (11) (2)	462 Secs (1329 Secs) [==>443.0 Secs (Pattern 1)] [==>443.0 Secs (Pattern 2)] [==>443.0 Secs (Pattern 3)]	[1]



Proposal 16281 - RG (12) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

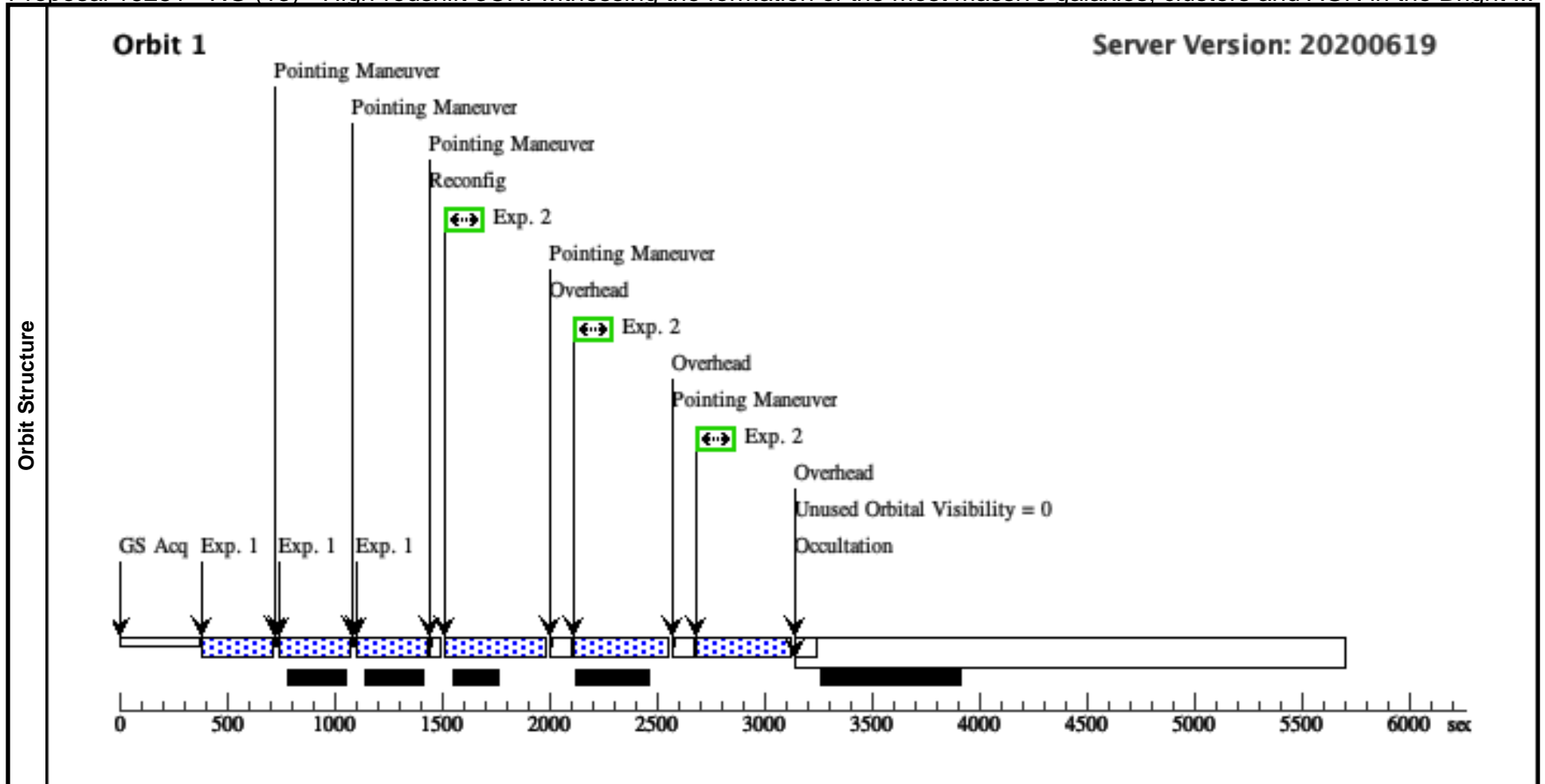
Fri Jun 11 18:01:57 GMT 2021

Visit	<b>Proposal 16281, RG (12), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)				
	(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(21)	3C225A	RA: 09 42 8.5000 (145.5354167d) Dec: +13 51 54.00 (13.86500d) Equinox: J2000	Redshift: 1.565	V=(?) 19	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(21) 3C225A	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 in RG (12) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]
	2		(21) 3C225A	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in RG (12) (2)	462 Secs (1335 Secs) [==>445.0 Secs (Pattern 1)] [==>445.0 Secs (Pattern 2)] [==>445.0 Secs (Pattern 3)]	[1]



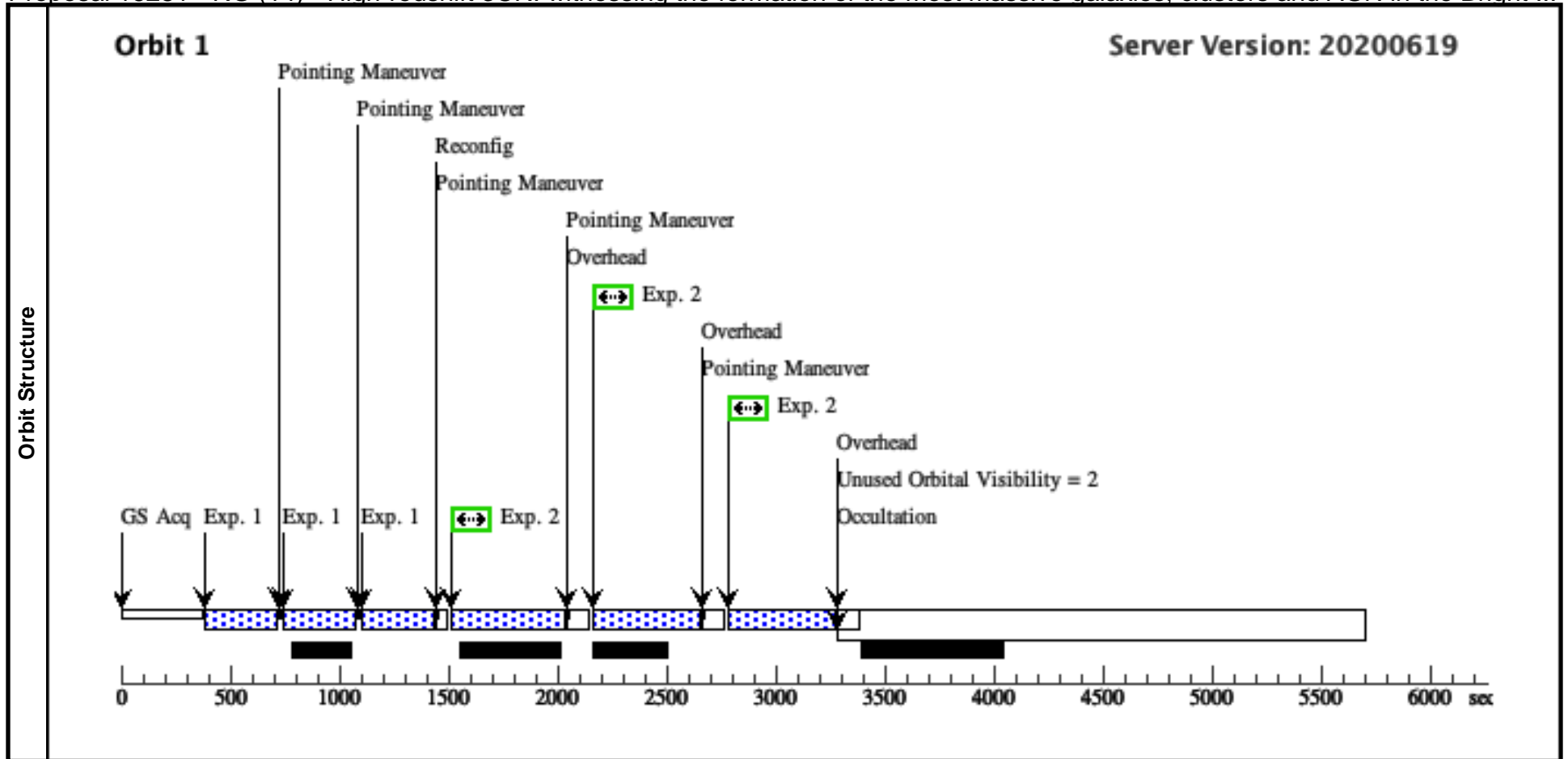
Proposal 16281 - RG (13) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Visit							Fri Jun 11 18:01:57 GMT 2021				
<b>Patterns</b>		<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
		(1)	Pattern Type=WFC3-IR-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
		(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
<b>Fixed Targets</b>		<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
		(22)	3C238	RA: 10 11 0.4000 (152.7516667d) Dec: +06 24 40.00 (6.41111d) Equinox: J2000	Redshift: 1.405	V=(?) 22.5	Reference Frame: ICRS				
<b>Exposures</b>		<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]									
		<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
		1		(22) 3C238	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 i n RG (13) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
2		(22) 3C238	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 i n RG (13) (2)	462 Secs (1332 Secs) [==>444.0 Secs (Pattern 1)] [==>444.0 Secs (Pattern 2)] [==>444.0 Secs (Pattern 3)]	[1]		



Proposal 16281 - RG (14) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

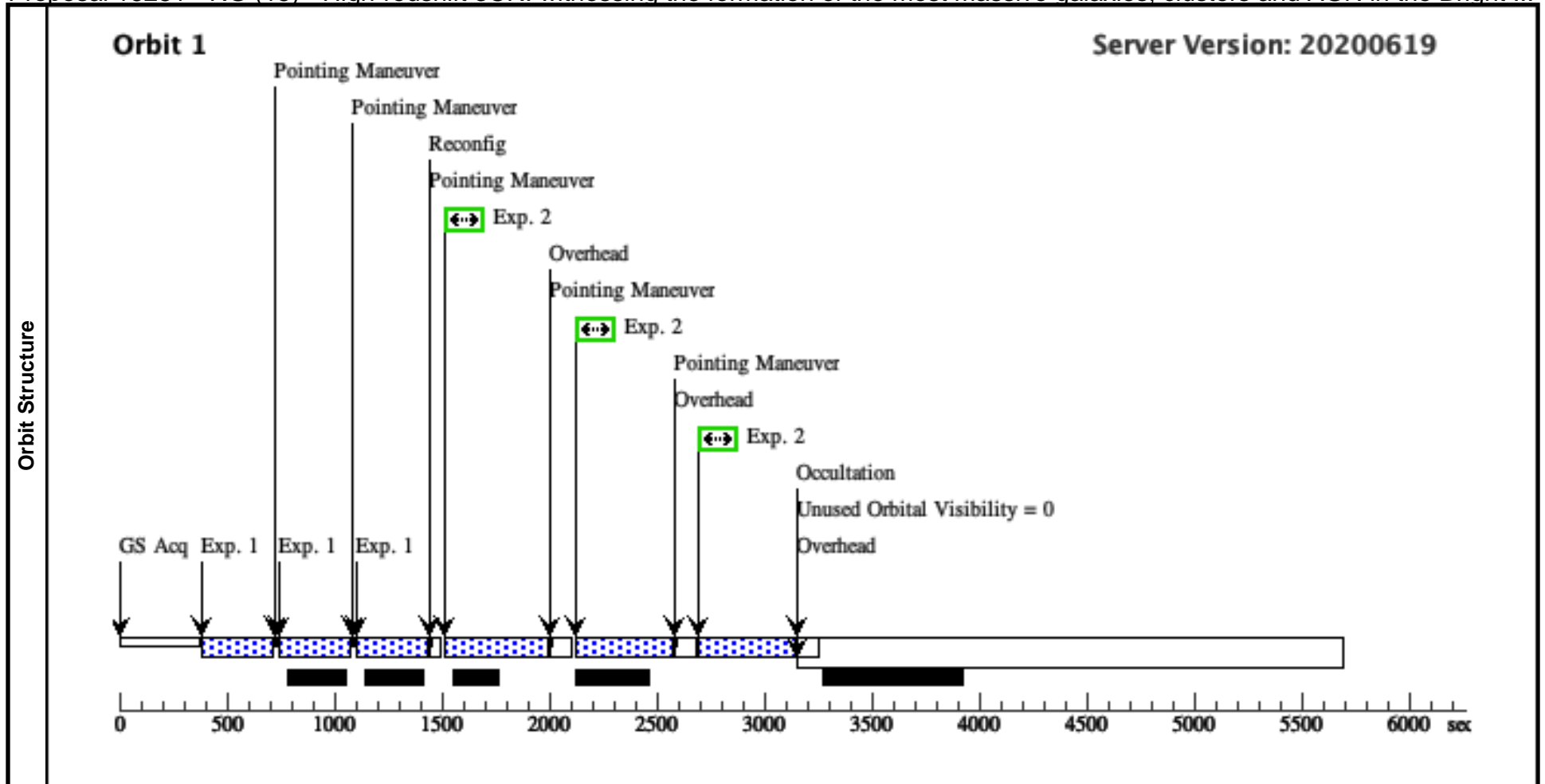
Visit		<b>Proposal 16281, RG (14), completed</b> <span style="float: right;">Fri Jun 11 18:01:57 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)					
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(23)	3C239	RA: 10 11 45.4000 (152.9391667d) Dec: +46 28 20.00 (46.47222d) Equinox: J2000	Redshift: 1.781	V=(?) 22.5	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(23) 3C239	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 i n RG (14) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]
2		(23) 3C239	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 i n RG (14) (2)	462 Secs (1470 Secs) [==>490.0 Secs (Pattern 1)] [==>490.0 Secs (Pattern 2)] [==>490.0 Secs (Pattern 3)]	[1]



Proposal 16281 - RG (15) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

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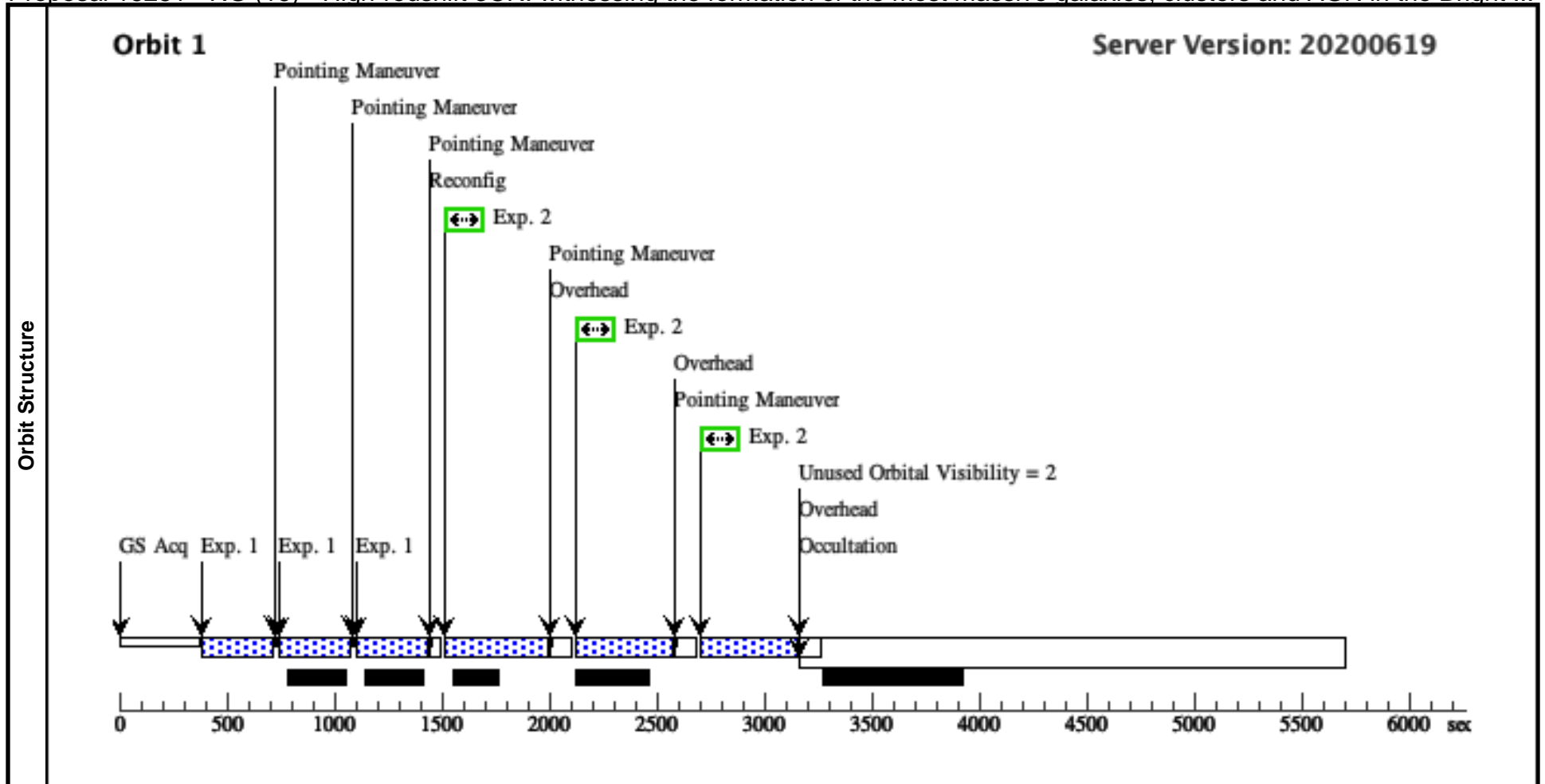
Visit	<b>Proposal 16281, RG (15), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
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	(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(24)	3C241	RA: 10 21 54.5000 (155.4770833d) Dec: +21 59 31.00 (21.99194d) Equinox: J2000	Redshift: 1.617	V=(?) 23.5	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(24) 3C241	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 in RG (15) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]
2		(24) 3C241	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 in RG (15) (2)	462 Secs (1344 Secs) [==>448.0 Secs (Pattern 1)] [==>448.0 Secs (Pattern 2)] [==>448.0 Secs (Pattern 3)]	[1]



Proposal 16281 - RG (16) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

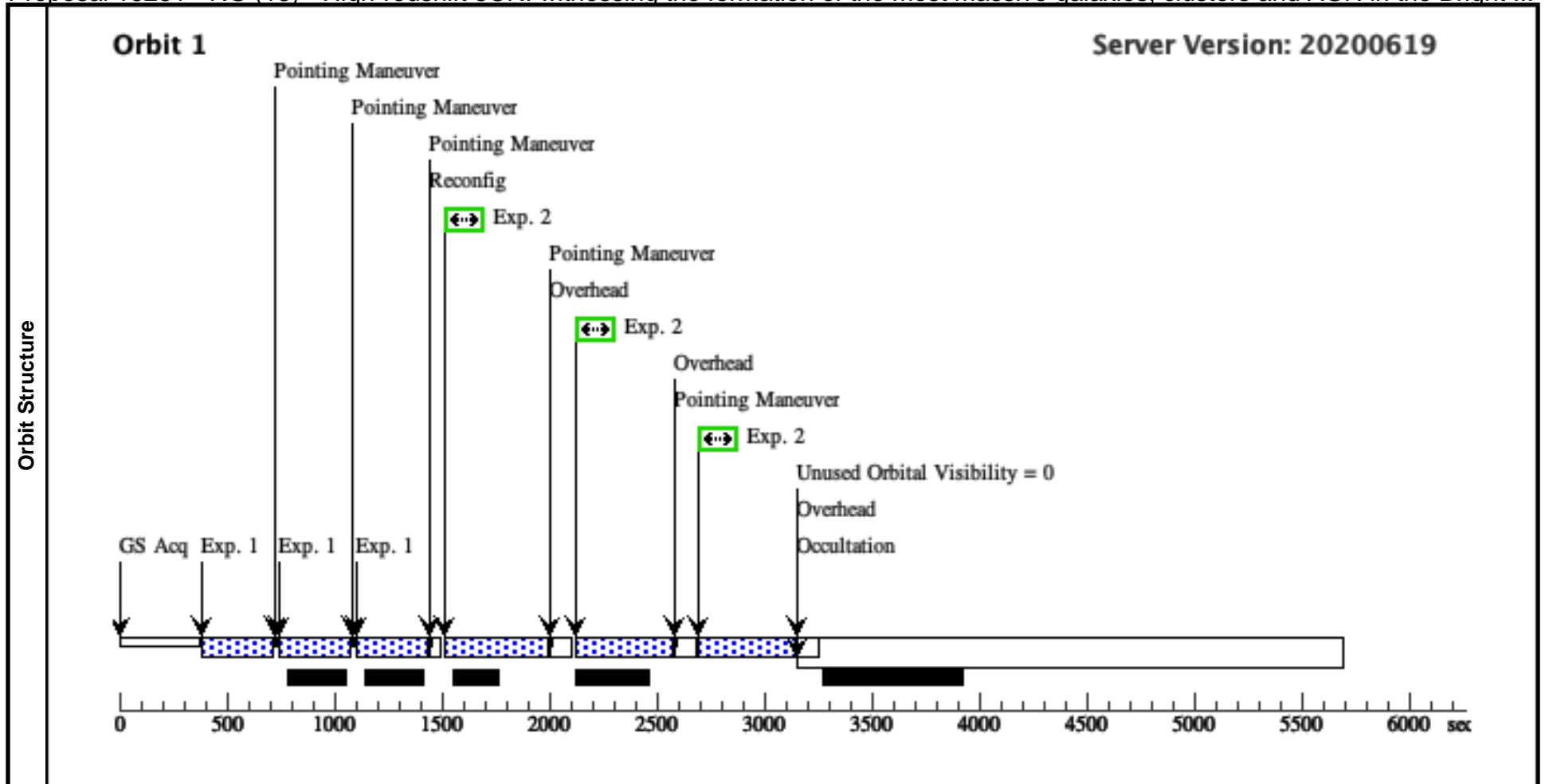
Fri Jun 11 18:01:57 GMT 2021

Visit	<b>Proposal 16281, RG (16), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(1)
	(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true							(2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(38)	3C250	RA: 11 08 52.1280 (167.2172000d) Dec: +25 00 54.61 (25.01517d) Equinox: J2000		V=22	Reference Frame: ICRS					
	<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(38) 3C250	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in RG (16) (1)	299.232481 Secs (897.697 Secs)		[1]
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		
2		(38) 3C250	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in RG (16) (2)	462 Secs (1350 Secs)		[1]	
									[==>450.0 Secs (Pattern 1)] [==>450.0 Secs (Pattern 2)] [==>450.0 Secs (Pattern 3)]		



Proposal 16281 - RG (18) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

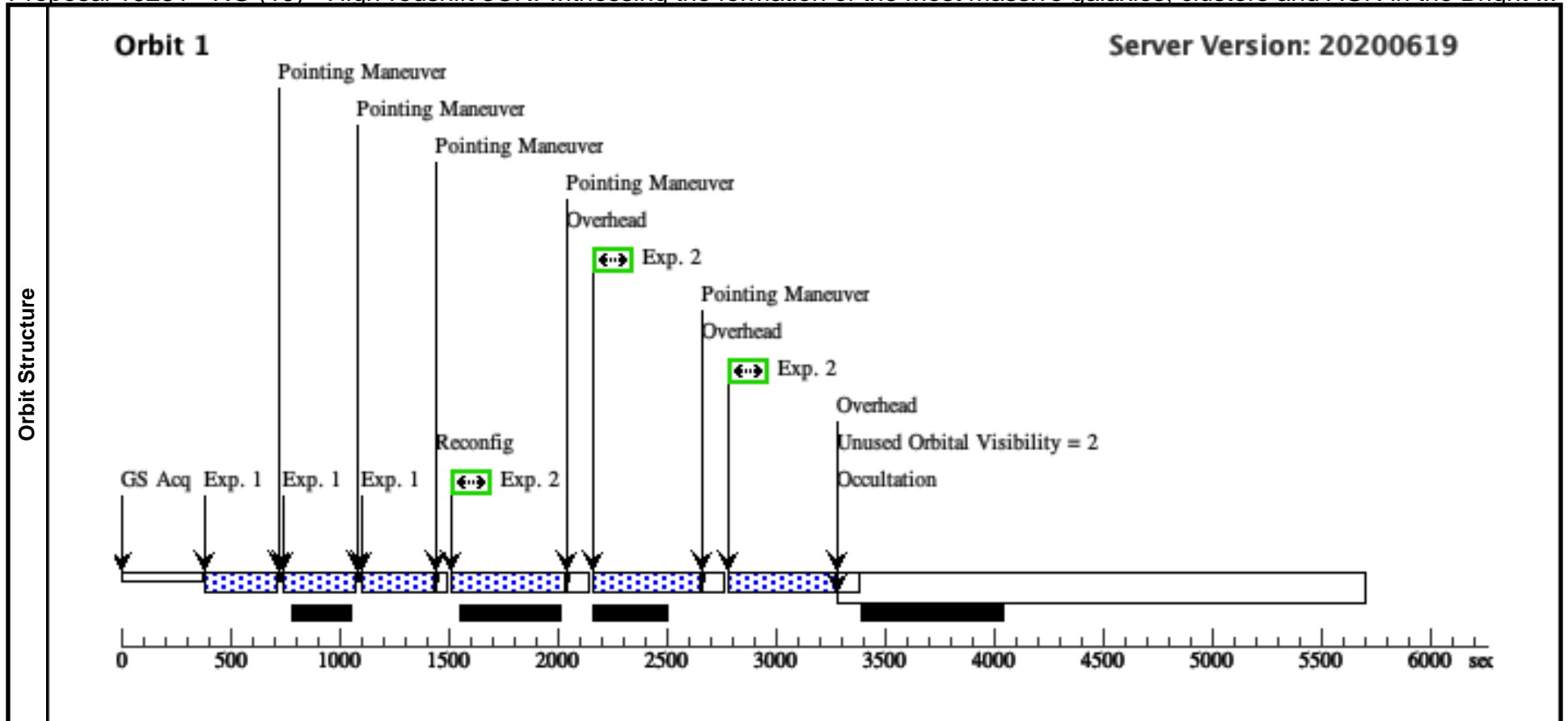
Visit		<b>Proposal 16281, RG (18), completed</b> <span style="float: right;">Fri Jun 11 18:01:57 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)							
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(27)	3C256	RA: 11 20 43.0000 (170.1791667d) Dec: +23 27 55.00 (23.46528d) Equinox: J2000	Redshift: 1.819	V=(?) 22.6g	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(27) 3C256	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 in RG (18) (1) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	299.232481 Secs (897.697 Secs)
2		(27) 3C256	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 in RG (18) (2) [==>448.0 Secs (Pattern 1)] [==>448.0 Secs (Pattern 2)] [==>448.0 Secs (Pattern 3)]	462 Secs (1344 Secs)	[1]



Proposal 16281 - RG (19) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

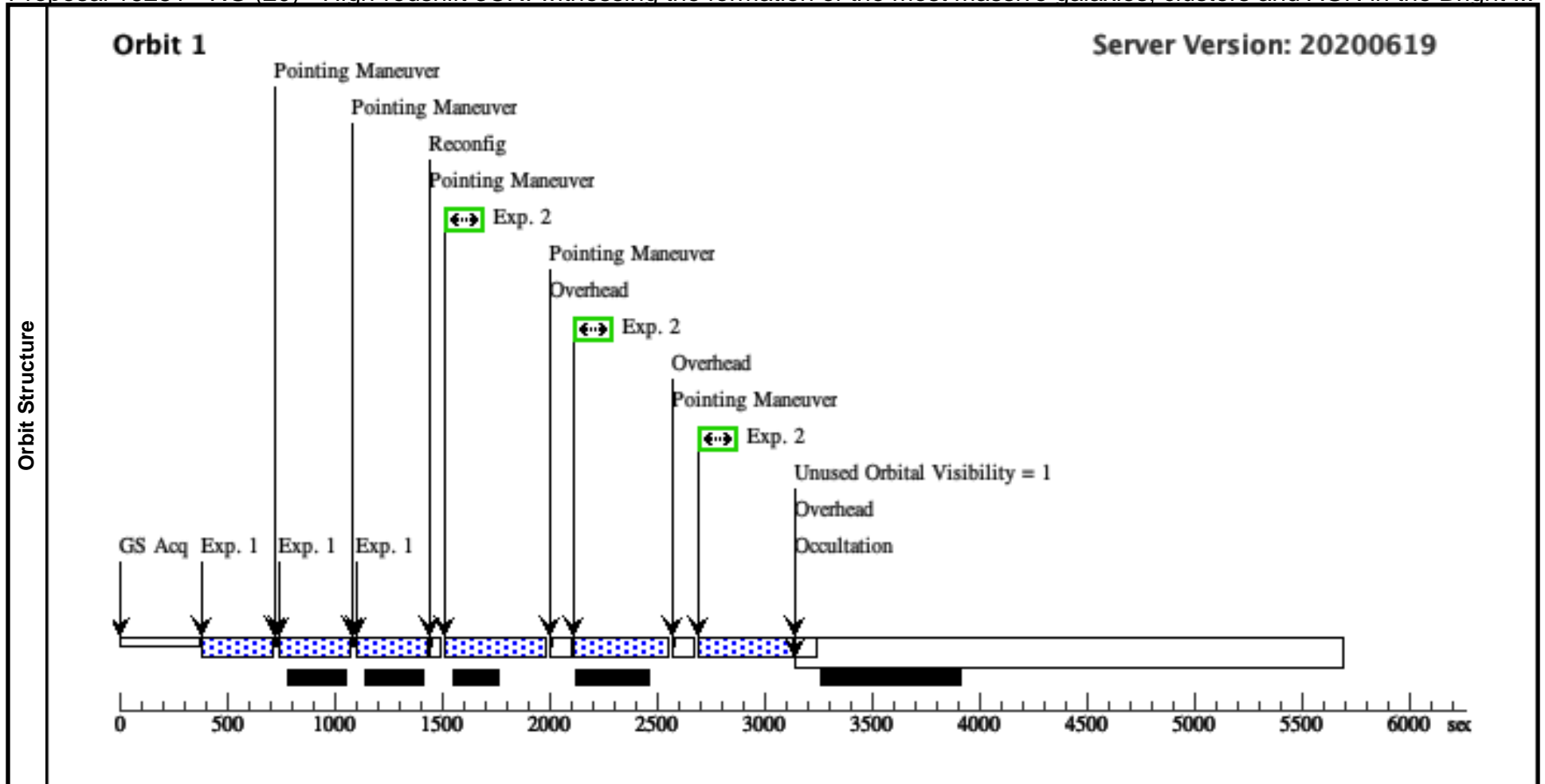
Fri Jun 11 18:01:57 GMT 2021

Visit	<b>Proposal 16281, RG (19), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
	(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(28)	3C266	RA: 11 45 43.4000 (176.4308333d) Dec: +49 46 8.00 (49.76889d) Equinox: J2000	Redshift: 1.275	V=(?) 21.8g	Reference Frame: ICRS				
<i>Comments:</i> <i>Category=GALAXY</i> <i>Description=[RADIO GALAXY]</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(28) 3C266	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 in RG (19) (1) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
2		(28) 3C266	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 in RG (19) (2) [==>490.0 Secs (Pattern 1)] [==>490.0 Secs (Pattern 2)] [==>490.0 Secs (Pattern 3)]	[1]	



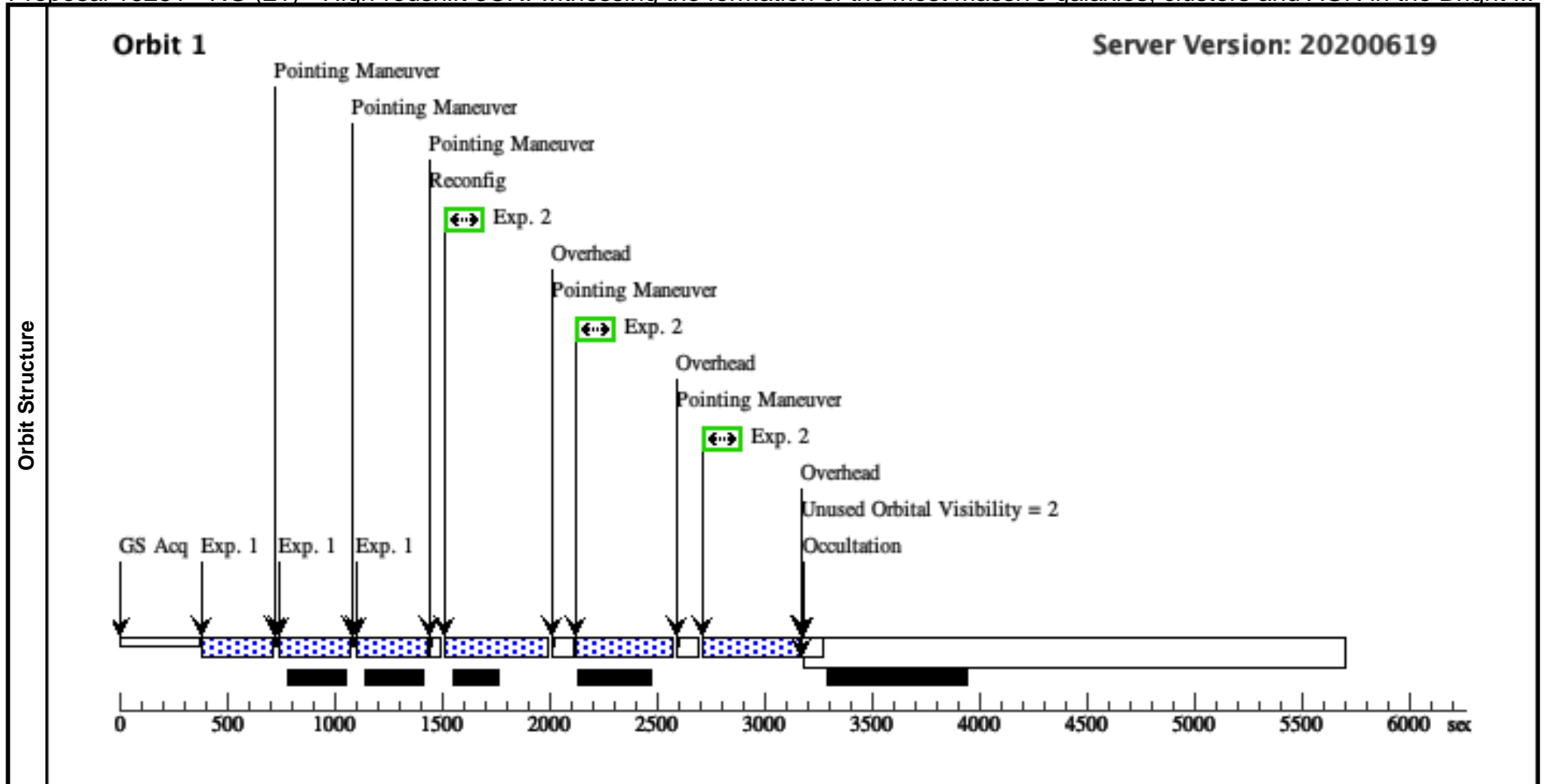
Proposal 16281 - RG (20) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Visit		<b>Proposal 16281, RG (20), completed</b> <span style="float: right;">Fri Jun 11 18:01:57 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)					
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(29)	3C267	RA: 11 49 56.6000 (177.4858333d) Dec: +12 47 19.00 (12.78861d) Equinox: J2000	Redshift: 1.14	V=(?) 22.5	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(29) 3C267	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 in RG (20) (1) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
2		(29) 3C267	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 in RG (20) (2) [==>445.0 Secs (Pattern 1)] [==>445.0 Secs (Pattern 2)] [==>445.0 Secs (Pattern 3)]	[1]	



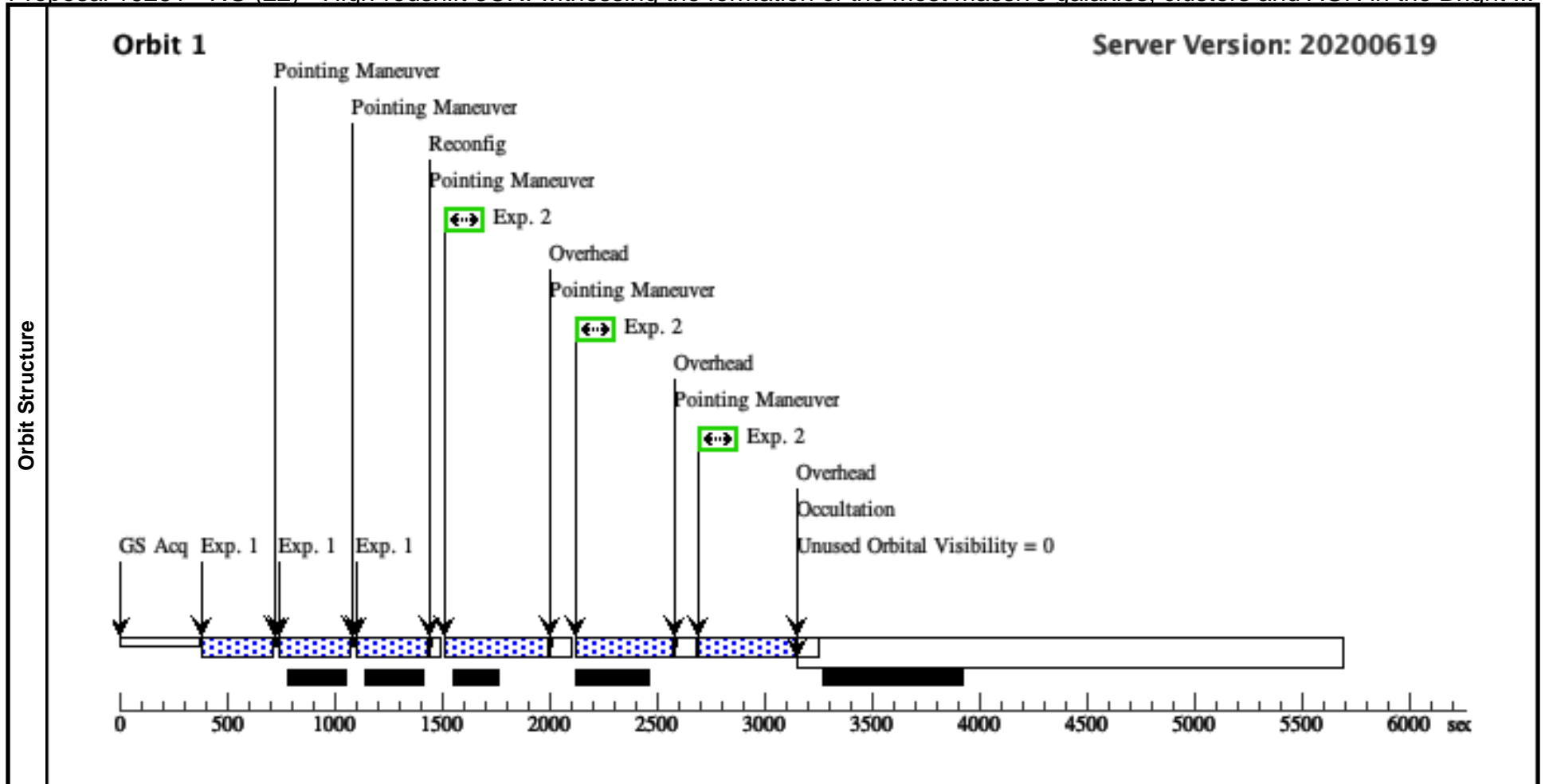
Proposal 16281 - RG (21) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Visit		<b>Proposal 16281, RG (21), completed</b> <span style="float: right;">Fri Jun 11 18:01:57 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 15D TO 75 D; ORIENT 105D TO 165 D; ORIENT 195D TO 255 D; ORIENT 285D TO 345 D <i>Comments: Very bright star (V=12) ~10" from the target. We should probably try to orient the camera to avoid the diffraction spikes here.</i>									
Patterns		#	Primary Pattern	Secondary Pattern	Exposures						
		(1)	Pattern Type=WFC3-IR-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
		(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(31)	3C294	RA: 14 06 44.0000 (211.6833333d) Dec: +34 11 25.00 (34.19028d) Equinox: J2000	Redshift: 1.779	V=(?) 20.0V	Reference Frame: ICRS				
		<i>Comments:                      Category=GALAXY                      Description=[RADIO GALAXY]</i>									
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1		(31) 3C294	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 i n RG (21) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
		2		(31) 3C294	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 i n RG (21) (2)	462 Secs (1365 Secs) [==>455.0 Secs (Pattern 1)] [==>455.0 Secs (Pattern 2)] [==>455.0 Secs (Pattern 3)]	[1]



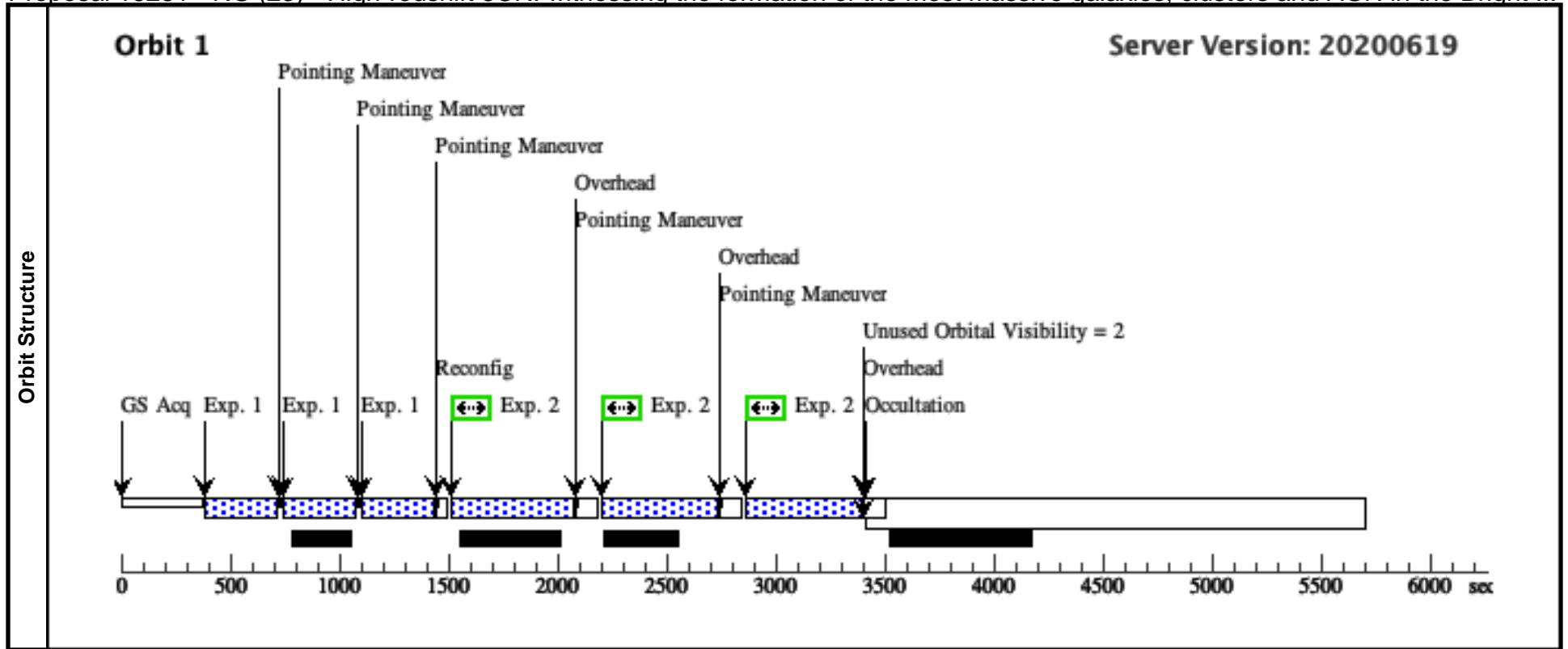
Proposal 16281 - RG (22) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Visit		<b>Proposal 16281, RG (22), completed</b> <span style="float: right;">Fri Jun 11 18:01:57 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
	(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(39)	3C318	RA: 15 20 5.4480 (230.0227000d) Dec: +20 16 5.77 (20.26827d) Equinox: J2000		V=18	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(39) 3C318	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in RG (22) (1)	299.232481 Secs (897.697 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
2		(39) 3C318	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 in RG (22) (2)	462 Secs (1344 Secs)	
									[==>448.0 Secs (Pattern 1)] [==>448.0 Secs (Pattern 2)] [==>448.0 Secs (Pattern 3)]	[1]



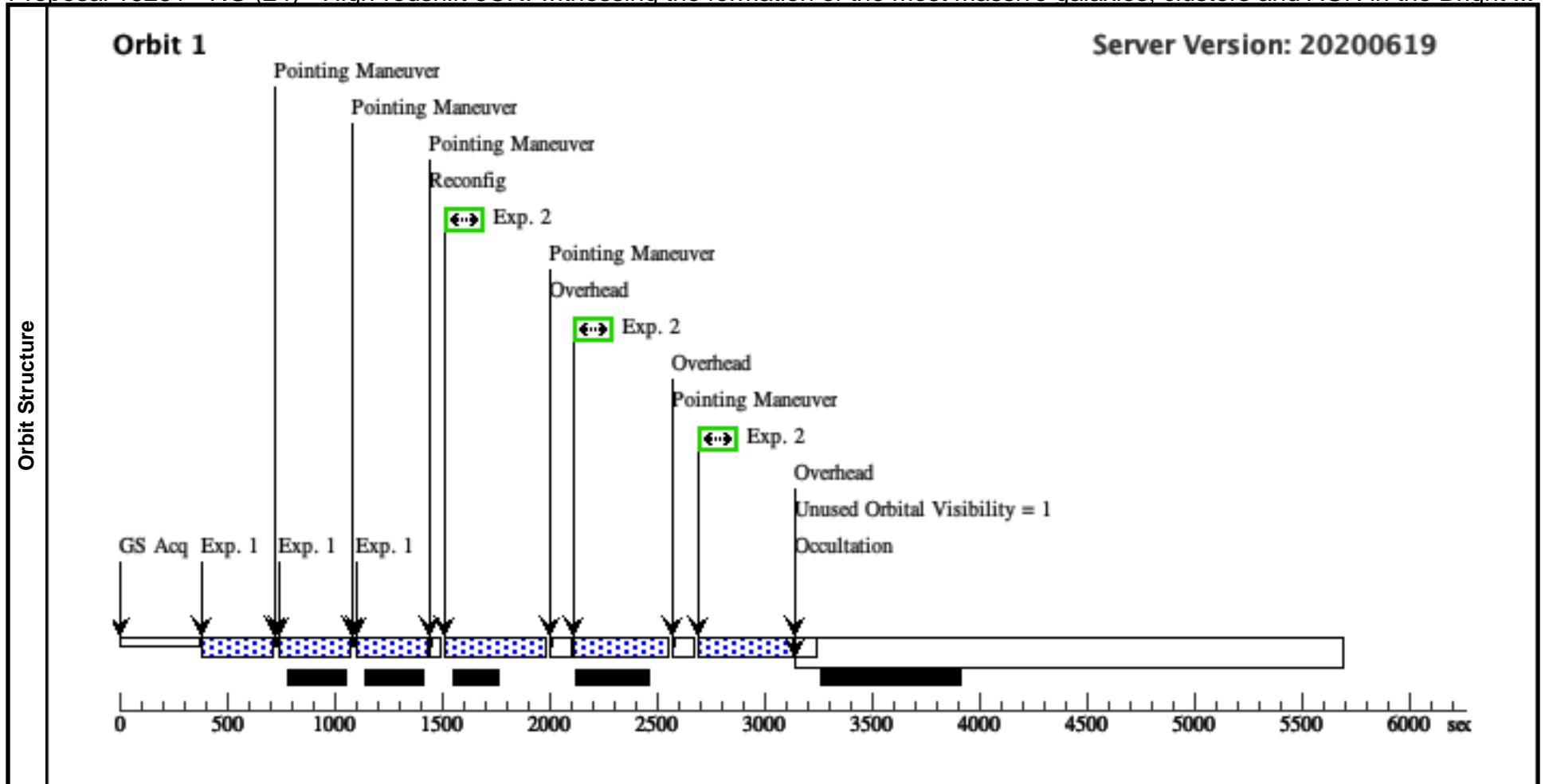
Proposal 16281 - RG (23) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Visit	<b>Proposal 16281, RG (23), completed</b> <span style="float: right;">Fri Jun 11 18:01:57 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none) <i>Comments: Relatively bright star (V=13.65) about 1' from the target</i>									
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
(1)		Pattern Type=WFC3-IR-DITHER- LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=41.788 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=1.272 Line Spacing=		(1)						
(2)		Pattern Type=WFC3-UVIS-GAP-LINE Coordinate Frame=POS-TARG Pattern Orientation=85.759 Purpose=MOSAIC Angle Between Sides= Number Of Points=3 Center Pattern=true Point Spacing=2.414 Line Spacing=		(2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
(40)	3C325		RA: 15 49 58.4232 (237.4934300d) Dec: +62 41 21.66 (62.68935d) Equinox: J2000		V=21	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[RADIO GALAXY]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(40) 3C325	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 i n RG (23) (1)	299.232481 Secs (897.697 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
2		(40) 3C325	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 i n RG (23) (2)	462 Secs (1596 Secs)	
									[==>532.0 Secs (Pattern 1)] [==>532.0 Secs (Pattern 2)] [==>532.0 Secs (Pattern 3)]	[1]



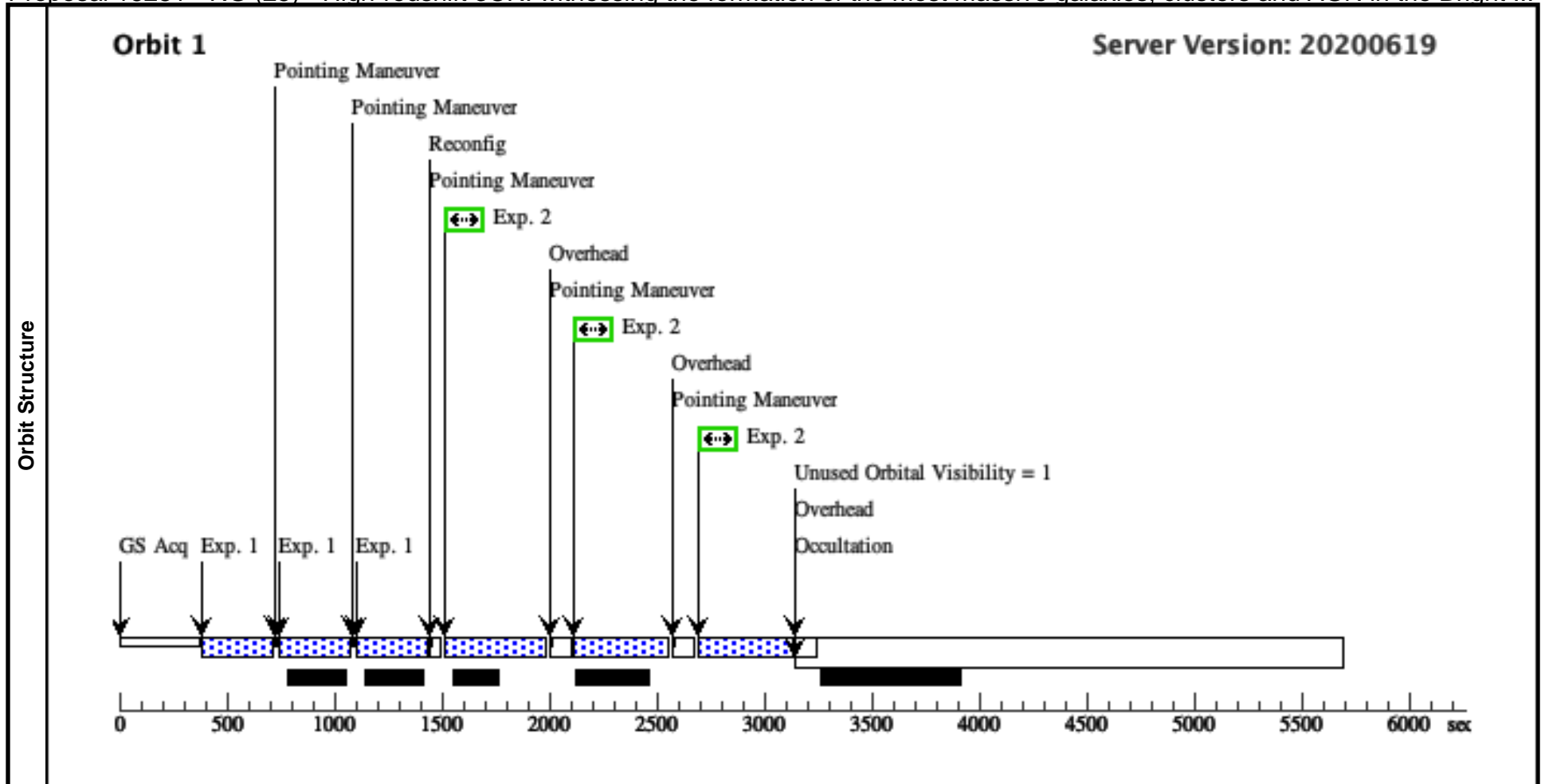
Proposal 16281 - RG (24) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Visit		Proposal 16281, RG (24), completed <span style="float: right;">Fri Jun 11 18:01:57 GMT 2021</span>									
		<b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false					(1)			
	(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true					(2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(42)	4C13.66	RA: 18 01 38.9568 (270.4123200d) Dec: +13 51 23.87 (13.85663d) Equinox: J2000		V=24	Reference Frame: ICRS					
Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[RADIO GALAXY]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(42) 4C13.66	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in RG (24) (1)	299.232481 Secs (897.697 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
2		(42) 4C13.66	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 in RG (24) (2)	462 Secs (1335 Secs)		
									[==>445.0 Secs (Pattern 1)] [==>445.0 Secs (Pattern 2)] [==>445.0 Secs (Pattern 3)]	[1]	



Proposal 16281 - RG (25) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

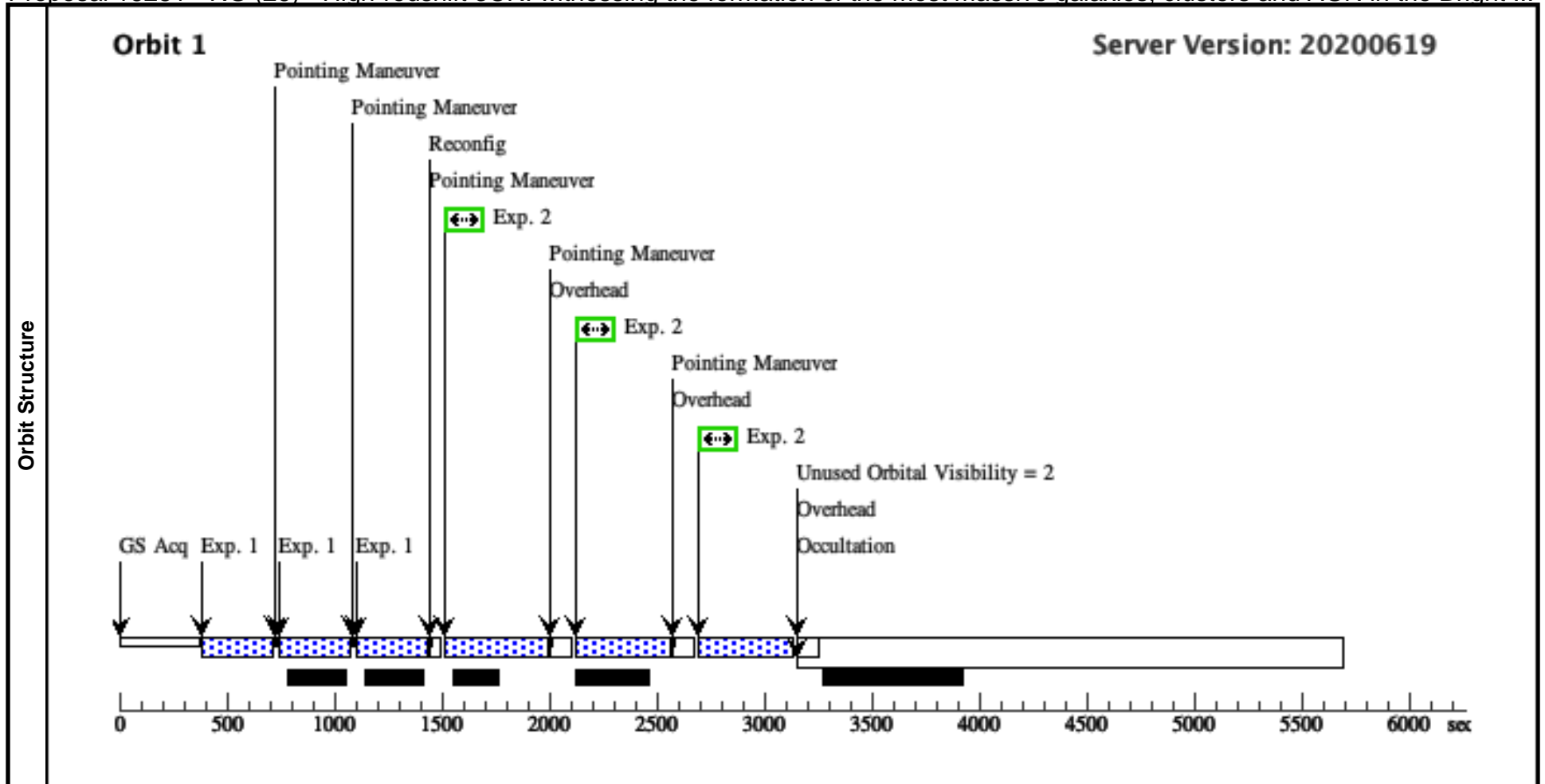
Visit		<b>Proposal 16281, RG (25), completed</b> <span style="float: right;">Fri Jun 11 18:01:57 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 200D TO 270 D; ORIENT 300D TO 170 D								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)					
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(32)	3C368	RA: 18 05 6.5000 (271.2770833d) Dec: +11 01 35.00 (11.02639d) Equinox: J2000	Redshift: 1.131	V=(?) 21.5	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(32) 3C368	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 in RG (25) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]
2		(32) 3C368	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 in RG (25) (2)	462 Secs (1335 Secs) [==>445.0 Secs (Pattern 1)] [==>445.0 Secs (Pattern 2)] [==>445.0 Secs (Pattern 3)]	[1]



Proposal 16281 - RG (26) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

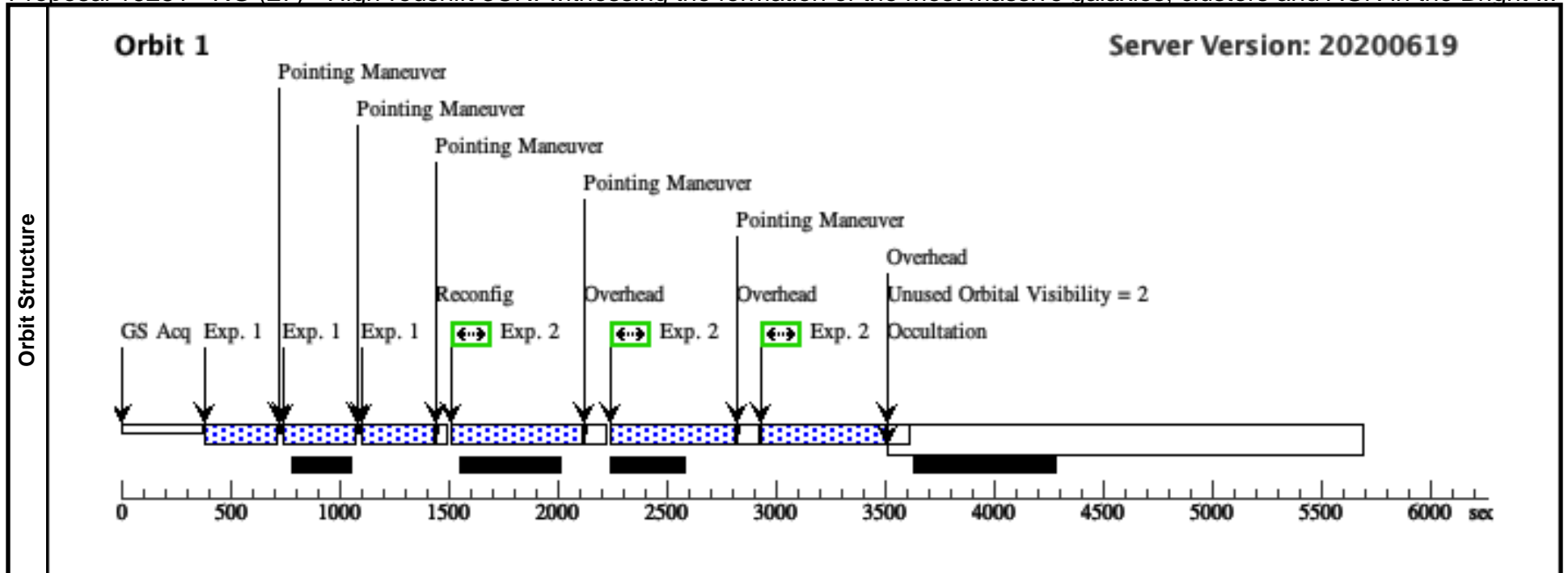
Fri Jun 11 18:01:57 GMT 2021

Visit	<b>Proposal 16281, RG (26), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	#	Primary Pattern	Secondary Pattern	Exposures						
Patterns	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
	(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(33)	3C437	RA: 21 47 25.1000 (326.8545833d) Dec: +15 20 37.00 (15.34361d) Equinox: J2000	Redshift: 1.48	V=(?) 23	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(33) 3C437	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 i n RG (26) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]
2		(33) 3C437	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 i n RG (26) (2)	462 Secs (1341 Secs) [==>447.0 Secs (Pattern 1)] [==>447.0 Secs (Pattern 2)] [==>447.0 Secs (Pattern 3)]	[1]



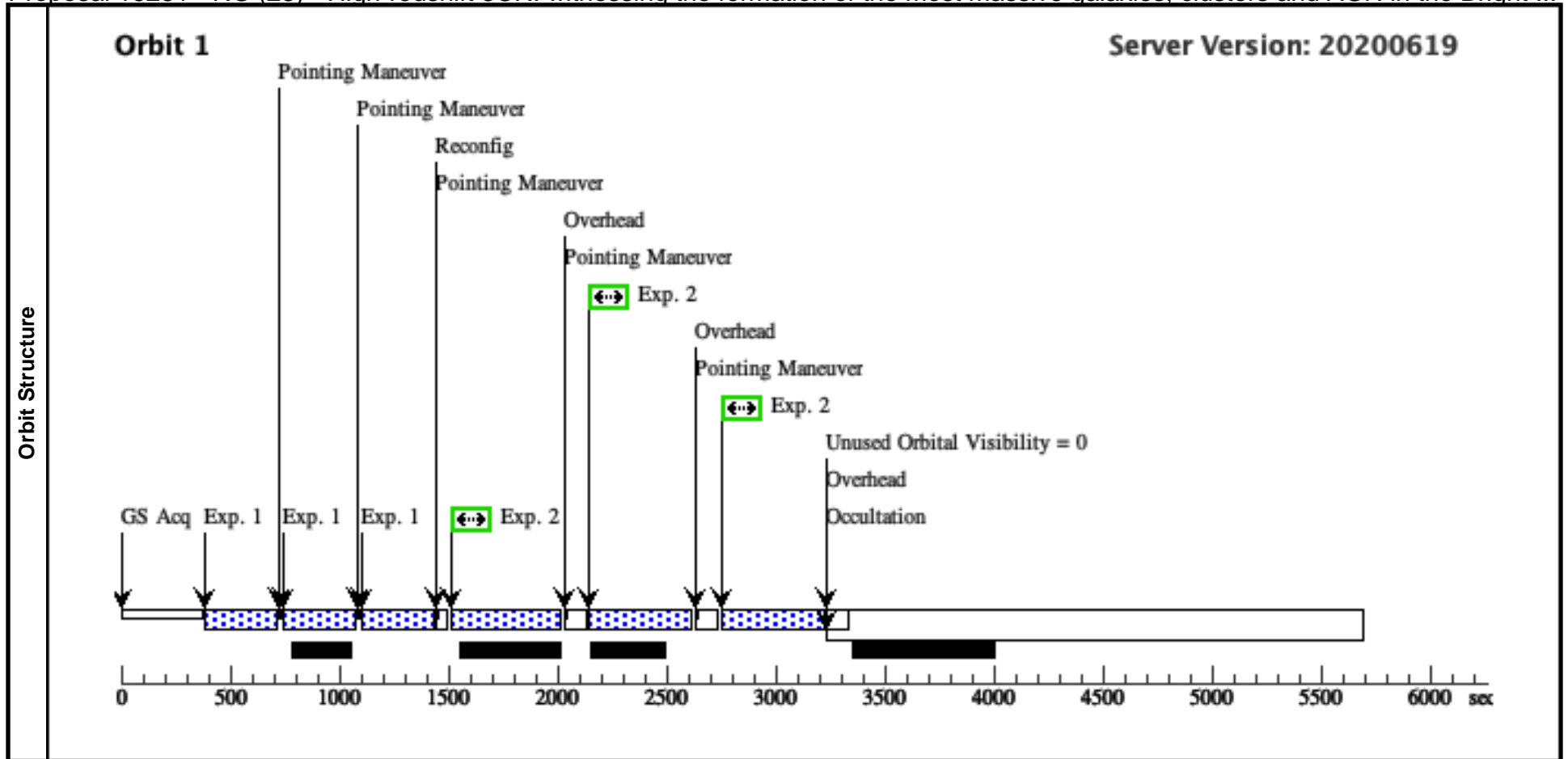
Proposal 16281 - RG (27) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Visit		<b>Proposal 16281, RG (27), completed</b> <span style="float: right;">Fri Jun 11 18:01:57 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)					
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(35)	3C469.1	RA: 23 55 23.3000 (358.8470833d) Dec: +79 55 20.00 (79.92222d) Equinox: J2000	Redshift: 1.336	V=(?) 22.5	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[RADIO GALAXY]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(35) 3C469.1	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 in RG (27) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]
2		(35) 3C469.1	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 in RG (27) (2)	462 Secs (1704 Secs) [==>568.0 Secs (Pattern 1)] [==>568.0 Secs (Pattern 2)] [==>568.0 Secs (Pattern 3)]	[1]



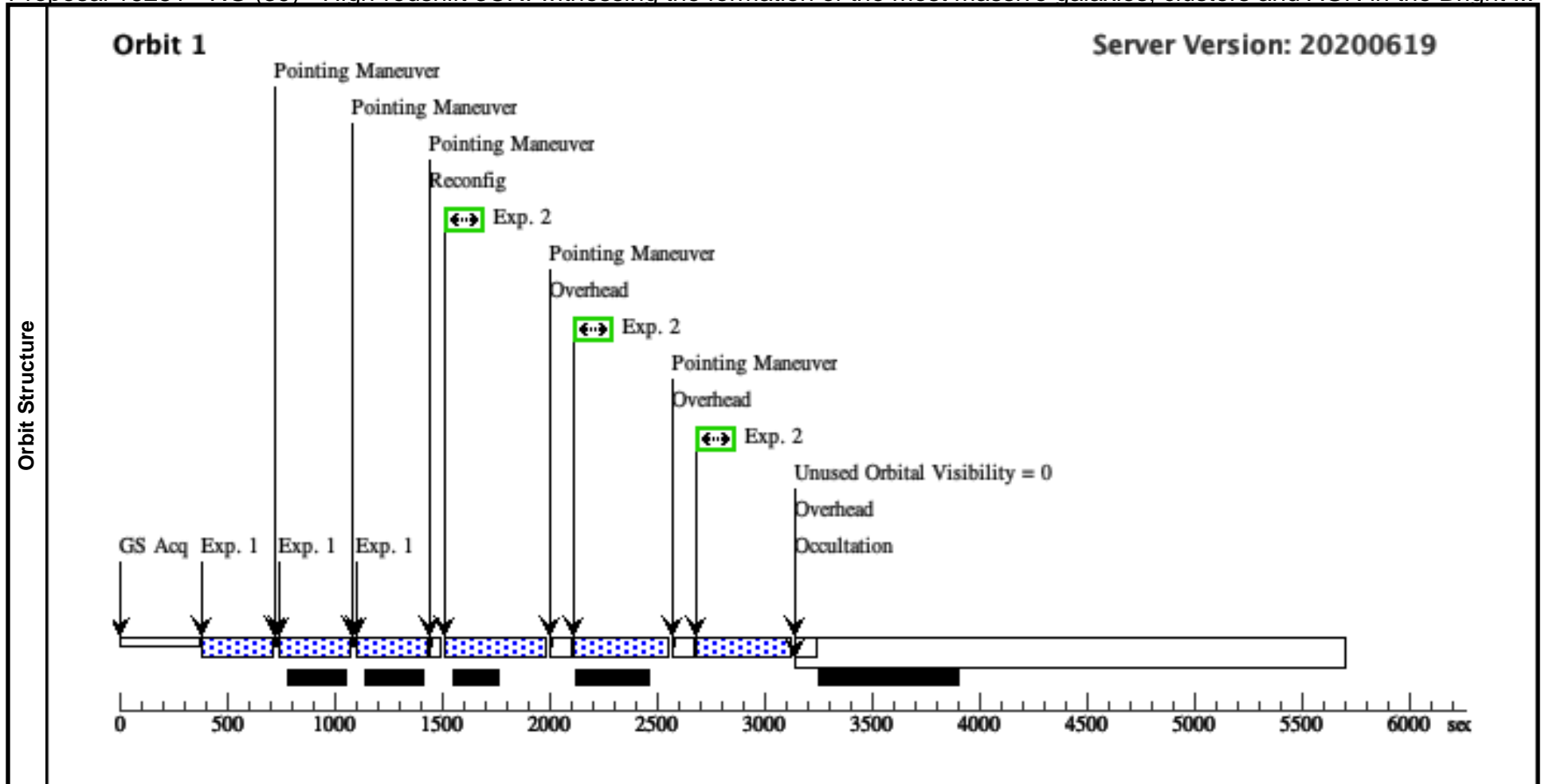
Proposal 16281 - RG (28) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

Visit		<b>Proposal 16281, RG (28), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none) <i>Comments: Bright star V=11.7 ~40" from the target</i>					Fri Jun 11 18:01:57 GMT 2021				
		Patterns		#	Primary Pattern	Secondary Pattern	Exposures				
(1)	Pattern Type=WFC3-IR-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false	(1)						
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true	(2)								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(36)	3C470	RA: 23 58 35.9000 (359.6495833d) Dec: +44 04 45.55 (44.07932d) Equinox: J2000	Redshift: 1.653	V=(?) 22.5	Reference Frame: ICRS				
Exposures		#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	(36) 3C470	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0	Pattern 1, Exps 1-1 i n RG (28) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
		2	(36) 3C470	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO	Pattern 2, Exps 2-2 i n RG (28) (2)	462 Secs (1425 Secs) [==>475.0 Secs (Pattern 1)] [==>475.0 Secs (Pattern 2)] [==>475.0 Secs (Pattern 3)]	[1]		



Proposal 16281 - RG (39) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Bright ...

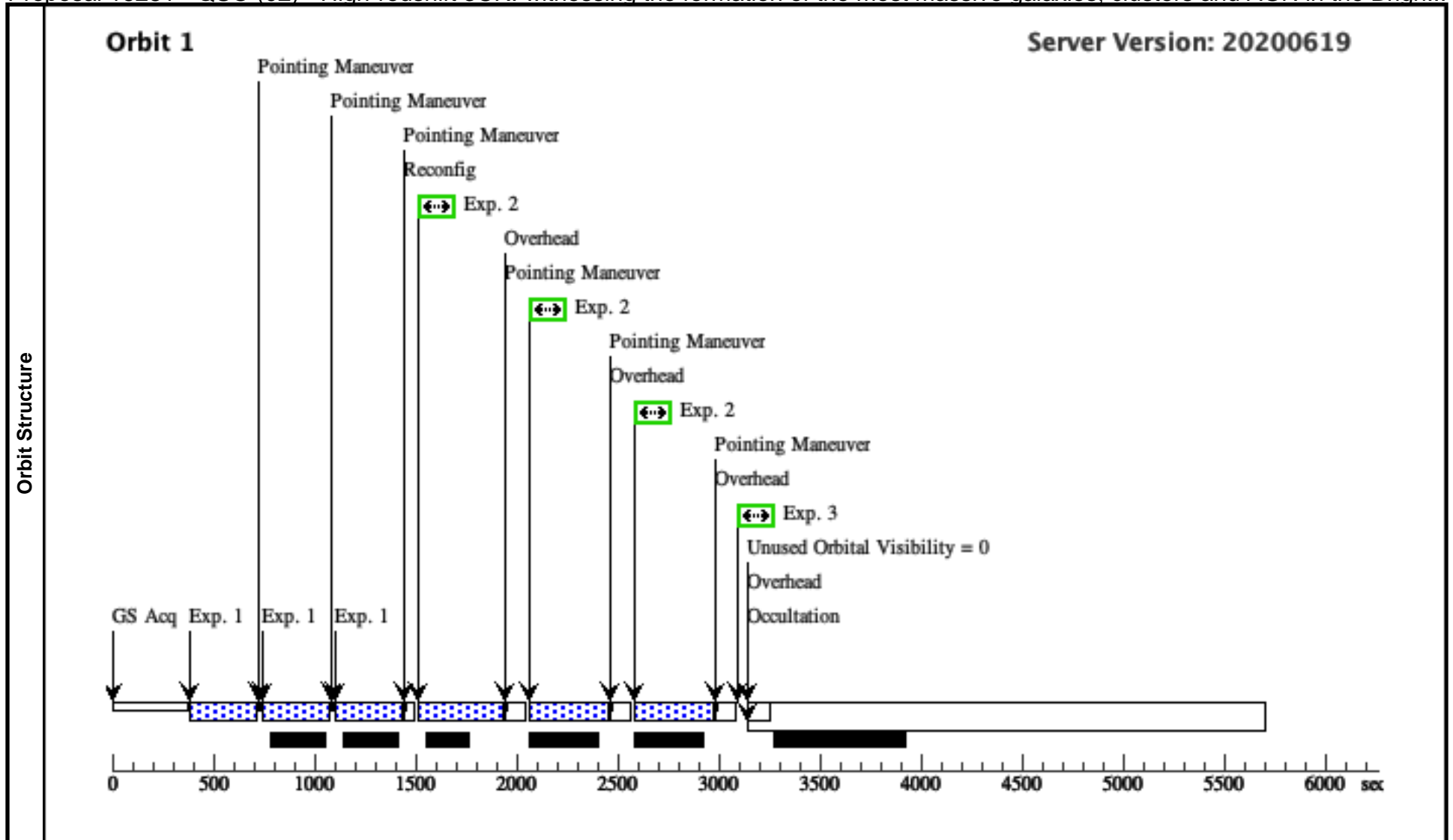
Visit		<b>Proposal 16281, RG (39), completed</b> <span style="float: right;">Fri Jun 11 18:01:57 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)								
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)					
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(37)	3C249	RA: 11 02 3.8496 (165.5160400d) Dec: -01 16 17.40 (-1.27150d) Equinox: J2000		V=18	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[OSO]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(37) 3C249	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0			Pattern 1, Exps 1-1 i n RG (39) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]
2		(37) 3C249	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 i n RG (39) (2)	462 Secs (1329 Secs) [==>443.0 Secs (Pattern 1)] [==>443.0 Secs (Pattern 2)] [==>443.0 Secs (Pattern 3)]	[1]



Proposal 16281 - QSO (02) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

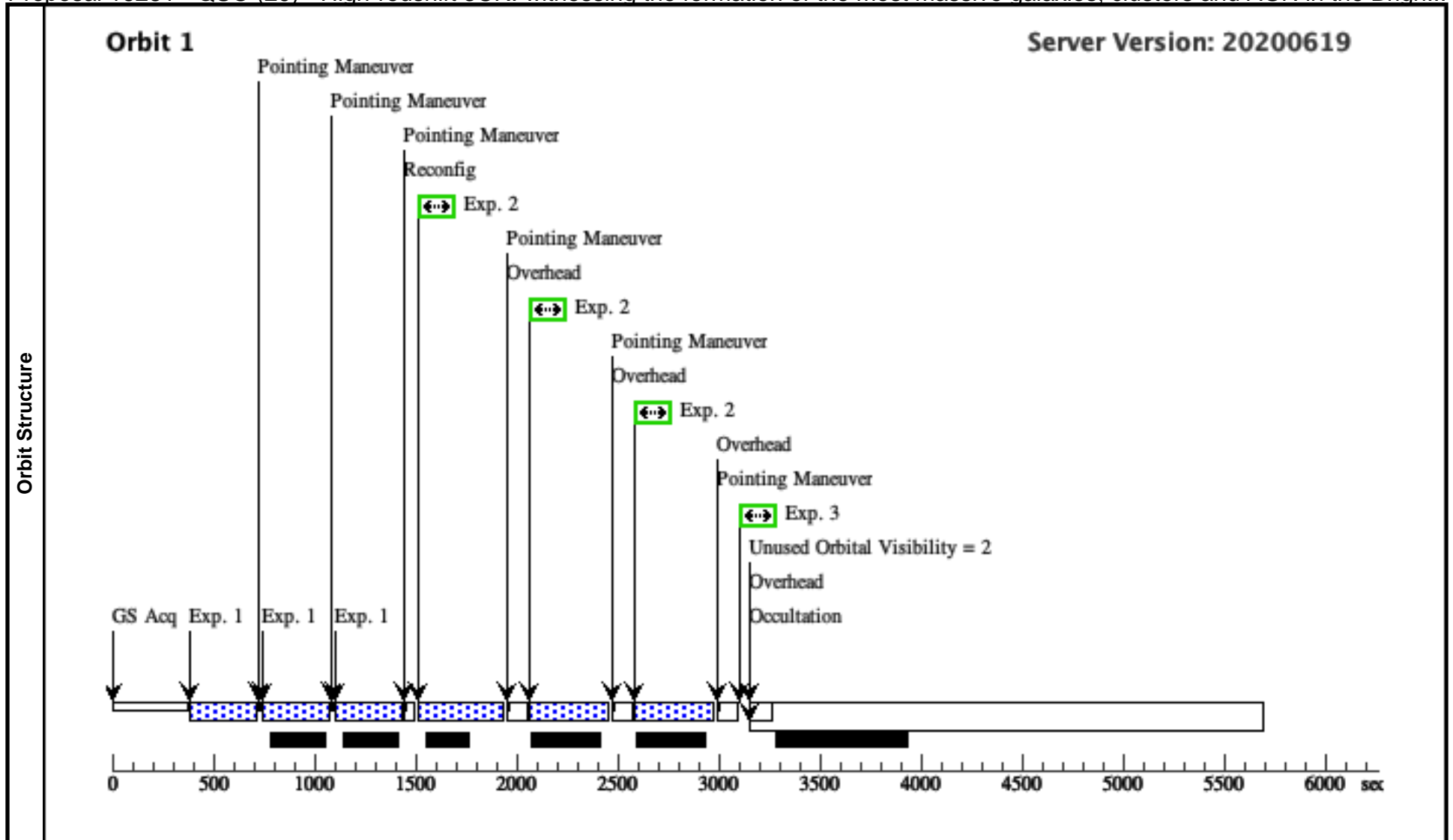
Fri Jun 11 18:01:57 GMT 2021

<b>Visit</b>	<b>Proposal 16281, QSO (02), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 210D TO 5 D <i>Comments: Bright star 1.2' from the target</i>									
	<b>Diagnosics</b> (Exposure 3 (QSO (02))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1)				
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true			(2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(1)	3C2	RA: 00 06 22.6000 (1.5941667d) Dec: -00 04 25.00 (-.07361d) Equinox: J2000	Redshift: 1.037	V=(?) 19.3	Reference Frame: ICRS				
<i>Comments: Category=GALAXY Description=[QSO]</i>										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(1) 3C2	(1) 3C2	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in QSO (02) (1)	299.232481 Secs (897.697 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2	(1) 3C2	(1) 3C2	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in QSO (02) (2)	390 Secs (1170 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
3	(1) 3C2	(1) 3C2	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (29 Secs)		
								[==>]	[1]	



Proposal 16281 - QSO (29) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

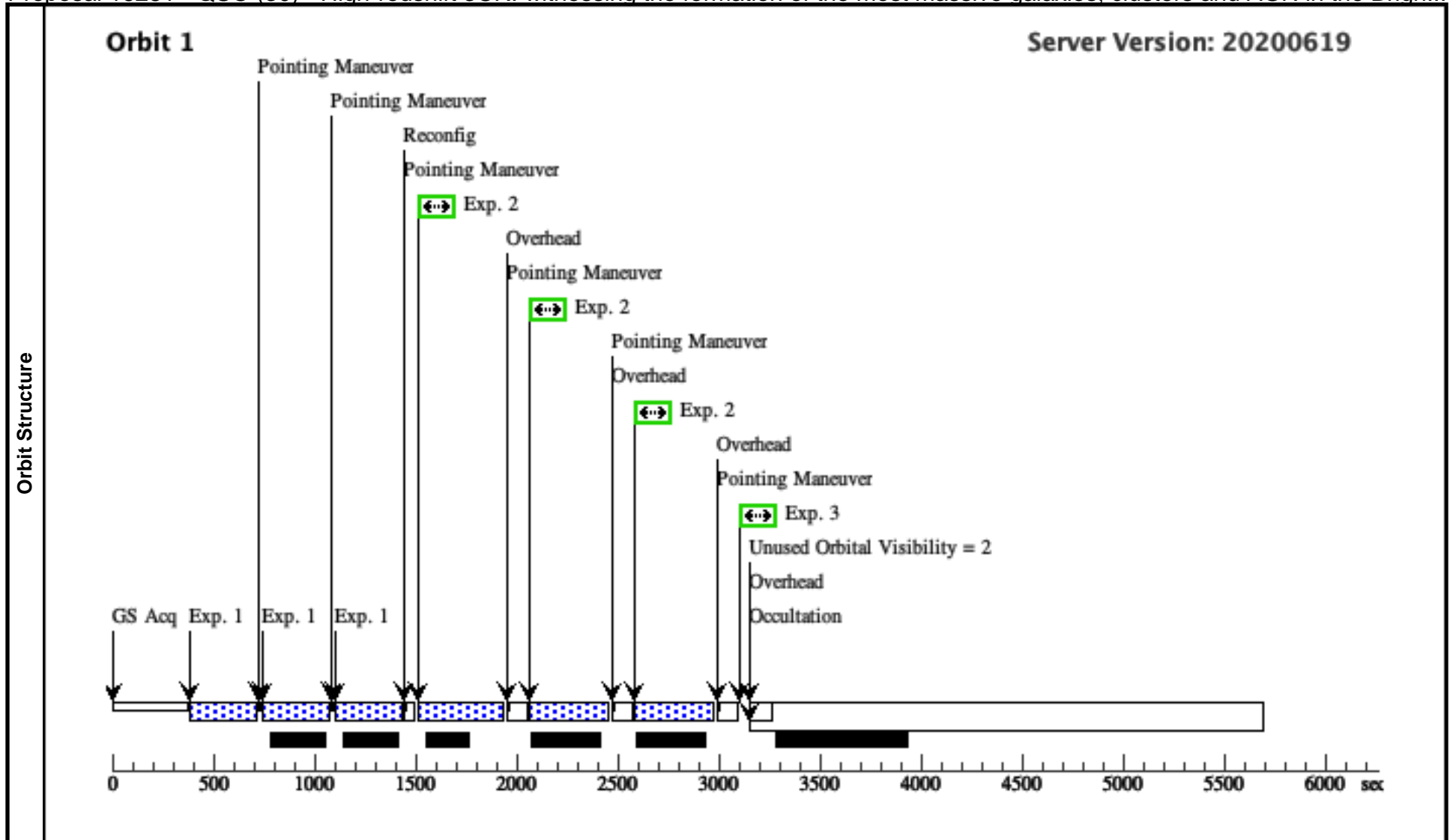
<b>Visit</b>	Proposal 16281, QSO (29), completed <span style="float: right;">Fri Jun 11 18:01:58 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	<b>Diagnostics</b> (Exposure 3 (QSO (29))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)							
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(2)	3C9	RA: 00 20 25.2000 (5.1050000d) Dec: +15 40 55.00 (15.68194d) Equinox: J2000	Redshift: 2.00908	V=(?) 17.7g	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QSO]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(2) 3C9		WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in QSO (29) (1)	299.232481 Secs (897.697 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(2) 3C9		WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in QSO (29) (2)	390 Secs (1179 Secs) [=>393.0 Secs (Pattern 1)] [=>393.0 Secs (Pattern 2)] [=>393.0 Secs (Pattern 3)]	[1]
	3	(2) 3C9		WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (32 Secs) [=>32.0 Secs ]	[1]



Proposal 16281 - QSO (30) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

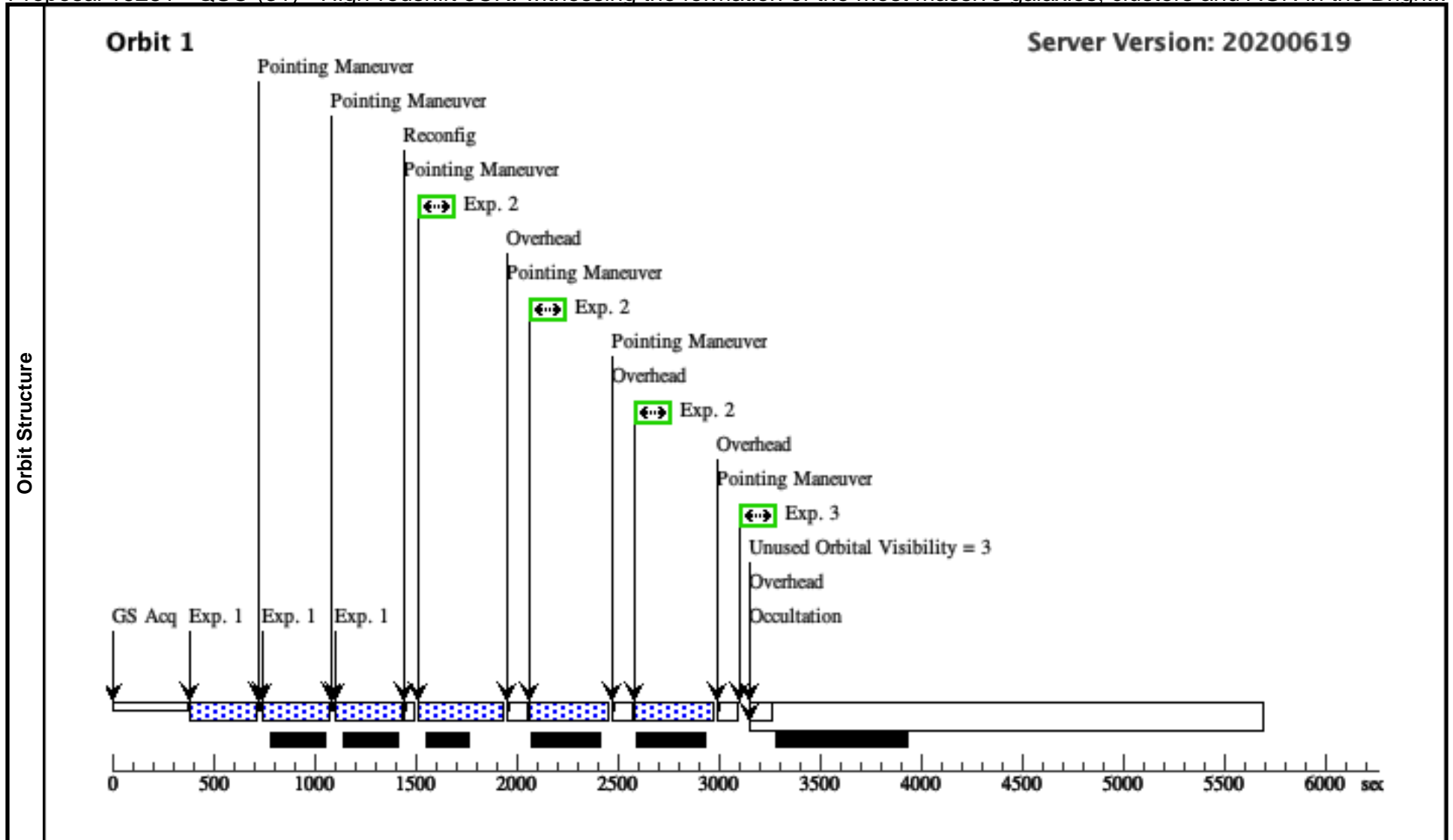
Fri Jun 11 18:01:58 GMT 2021

<b>Visit</b>	<b>Proposal 16281, QSO (30), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 190D TO 260 D; ORIENT 290D TO 160 D <i>Comments: Bright star (V=12.15) 1.6' from the target (probably far enough)</i>									
	<b>Diagnosics</b> (Exposure 3 (QSO (30))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1)				
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true			(2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(4)	3C14	RA: 00 36 6.4000 (9.0266667d) Dec: +18 37 59.00 (18.63306d) Equinox: J2000	Redshift: 1.469	V=(?) 20.	Reference Frame: ICRS				
<i>Comments: Category=GALAXY Description=[QSO]</i>										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(4) 3C14		WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in QSO (30) (1)	299.232481 Secs (897.697 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(4) 3C14		WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in QSO (30) (2)	390 Secs (1179 Secs) [=>393.0 Secs (Pattern 1)] [=>393.0 Secs (Pattern 2)] [=>393.0 Secs (Pattern 3)]	[1]
	3	(4) 3C14		WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (32 Secs) [=>32.0 Secs ]	[1]



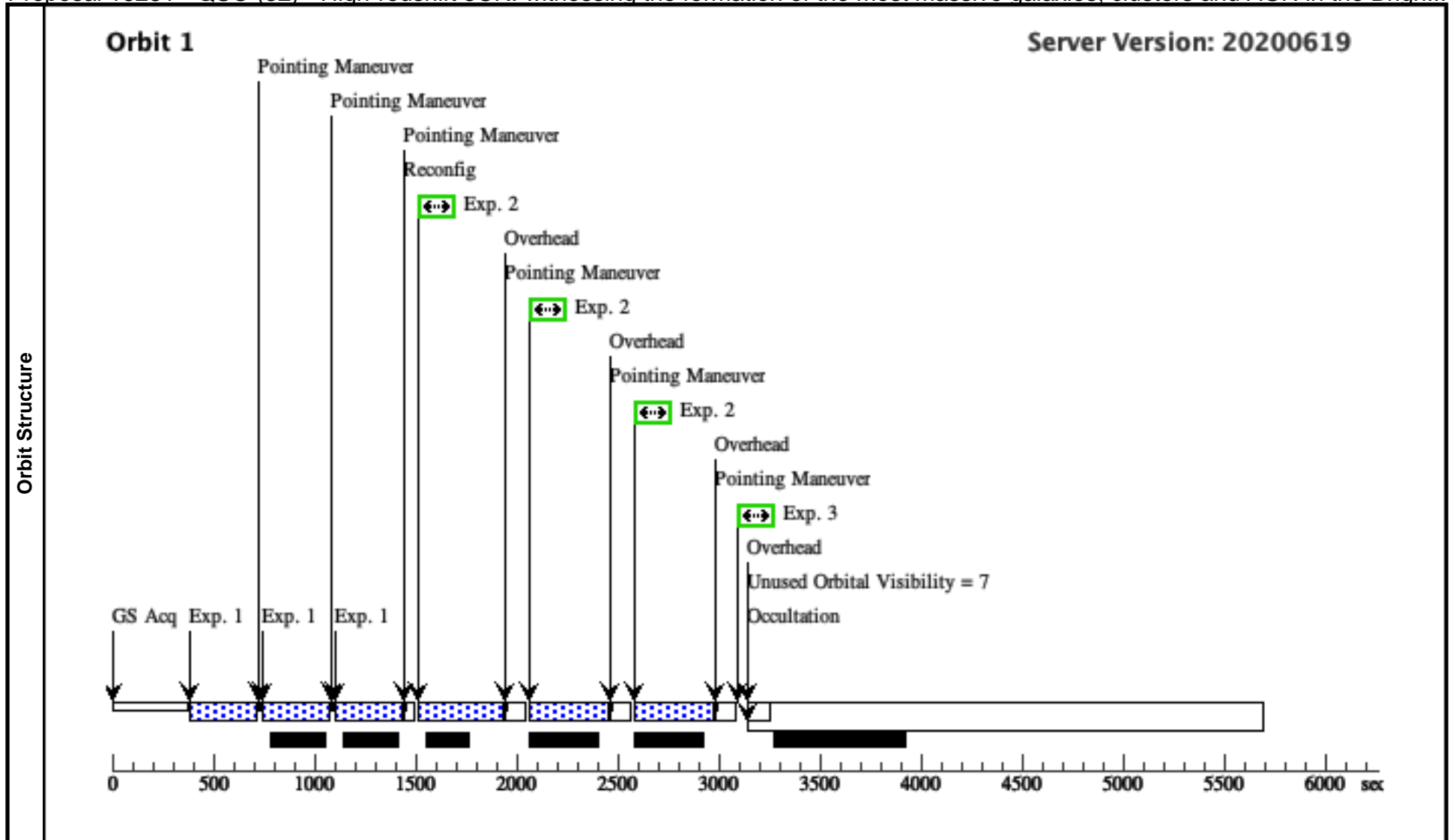
Proposal 16281 - QSO (31) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

<b>Visit</b>	Proposal 16281, QSO (31), completed <span style="float: right;">Fri Jun 11 18:01:58 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	<b>Diagnosics</b> (Exposure 3 (QSO (31))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)							
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(6)	3C43	RA: 01 29 59.8000 (22.4991667d) Dec: +23 38 20.00 (23.63889d) Equinox: J2000	Redshift: 1.459	V=(?) 19.0	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QSO]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(6) 3C43	(6) 3C43	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in QSO (31) (1)	299.232481 Secs (897.697 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2	(6) 3C43	(6) 3C43	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in QSO (31) (2)	390 Secs (1179 Secs) [=>393.0 Secs (Pattern 1)] [=>393.0 Secs (Pattern 2)] [=>393.0 Secs (Pattern 3)]	[1]
	3	(6) 3C43	(6) 3C43	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (32 Secs) [=>32.0 Secs ]	[1]



Proposal 16281 - QSO (32) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

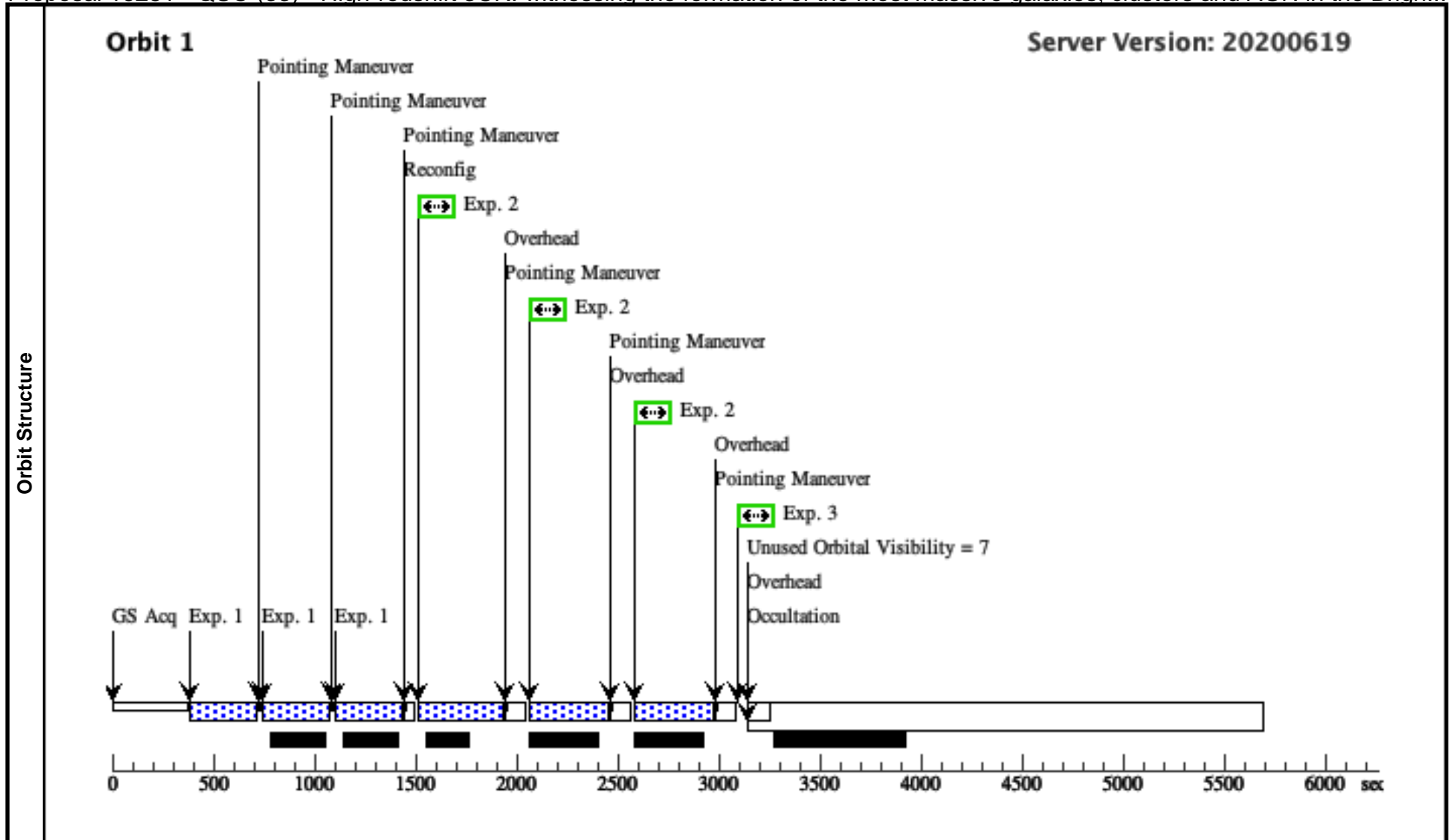
<b>Visit</b>	Proposal 16281, QSO (32), completed <span style="float: right;">Fri Jun 11 18:01:58 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	<b>Diagnostics</b> (Exposure 3 (QSO (32))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)							
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(12)	3C181	RA: 07 28 10.3000 (112.0429167d) Dec: +14 37 36.00 (14.62667d) Equinox: J2000	Redshift: 1.382	V=(?) 18.92	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QSO]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(12) 3C181	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in QSO (32) (1)	299.232481 Secs (897.697 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(12) 3C181	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in QSO (32) (2)	390 Secs (1170 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
3		(12) 3C181	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (29 Secs)		
								[==>]	[1]	



Proposal 16281 - QSO (33) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

Fri Jun 11 18:01:58 GMT 2021

<b>Visit</b>	<b>Proposal 16281, QSO (33), failed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 115D TO 325 D <i>Comments: Bright star V=11.03 1.3' from the target</i>									
	<b>Diagnosics</b> (Exposure 3 (QSO (33))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1)				
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true			(2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(13)	3C190	RA: 08 01 33.6000 (120.3900000d) Dec: +14 14 43.00 (14.24528d) Equinox: J2000	Redshift: 1.1944	V=(?) 20.4g	Reference Frame: ICRS				
<i>Comments: Category=GALAXY Description=[QSO]</i>										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(13) 3C190		WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in QSO (33) (1)	299.232481 Secs (897.697 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2	(13) 3C190		WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in QSO (33) (2)	390 Secs (1170 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
3	(13) 3C190		WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (29 Secs)		
								[==>]	[1]	



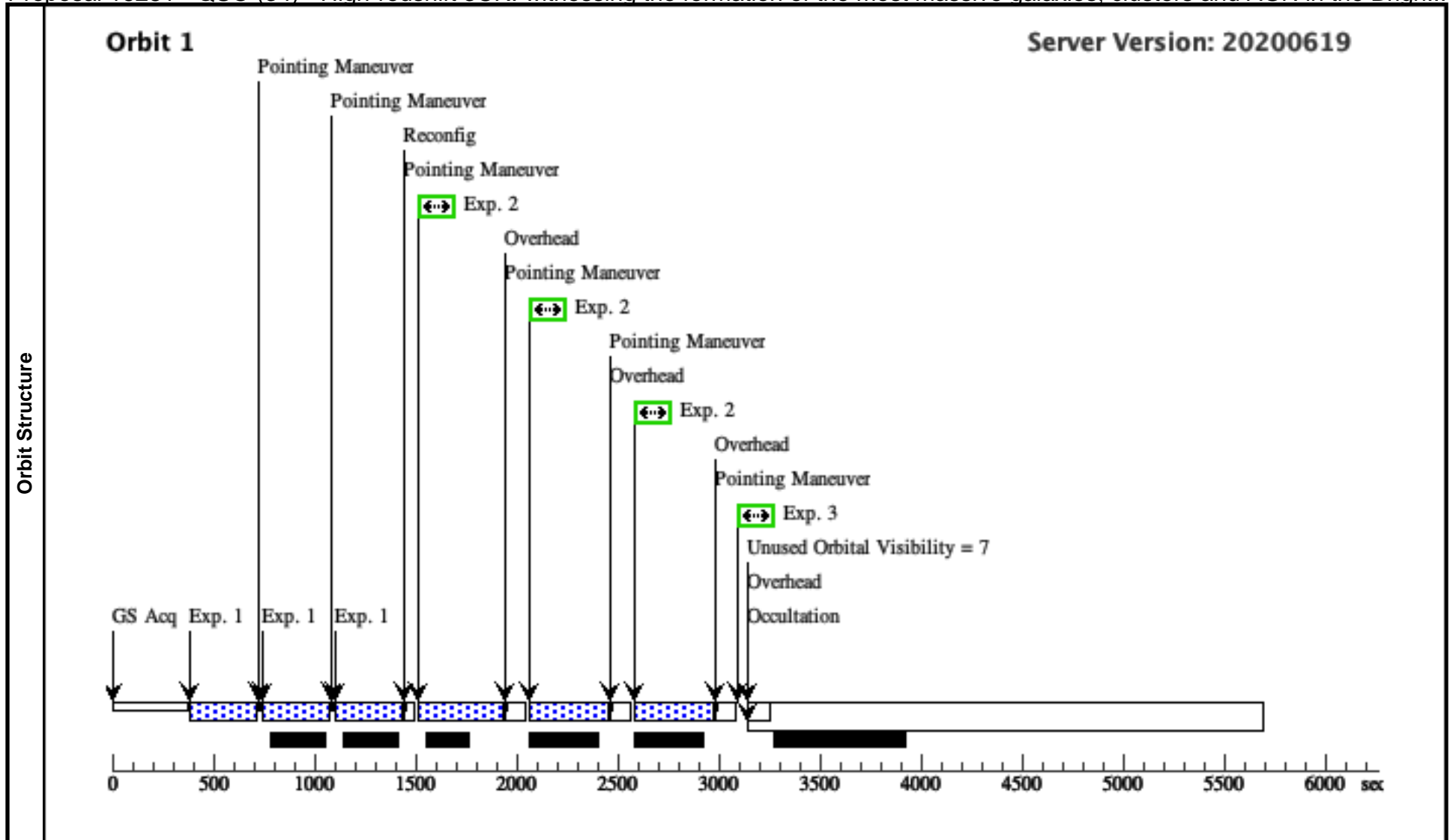
Proposal 16281 - QSO\_visit33\_repeat (43) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and A...

<b>Visit</b>	Proposal 16281, QSO_visit33_repeat (43), completed <span style="float: right;">Fri Jun 11 18:01:58 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 115D TO 325 D <i>Comments: Bright star V=11.03 1.3' from the target</i>									
	<b>Diagnosics</b> (Exposure 3 (QSO_visit33_repeat (43))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1)				
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true			(2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(13)	3C190	RA: 08 01 33.6000 (120.3900000d) Dec: +14 14 43.00 (14.24528d) Equinox: J2000 <i>Comments:                  Category=GALAXY                  Description=[QSO]</i>	Redshift: 1.1944	V=(?) 20.4g	Reference Frame: ICRS				
(43)	3C190-COPY	RA: 08 01 33.6000 (120.3900000d) Dec: +14 14 43.00 (14.24528d) Equinox: J2000 <i>Comments:                  Category=GALAXY                  Description=[QSO]</i>	Redshift: 1.1944	V=(?) 20.4g	Reference Frame: ICRS					
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(13) 3C190	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP50			Pattern 1, Exps 1-1 in QSO_visit33_repeat at (43) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2	(13) 3C190	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO			Pattern 2, Exps 2-2 in QSO_visit33_repeat at (43) (2)	390 Secs (1170 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
3	(43) 3C190-COPY	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19				29 Secs (29 Secs) [==>]	[1]	



Proposal 16281 - QSO (34) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

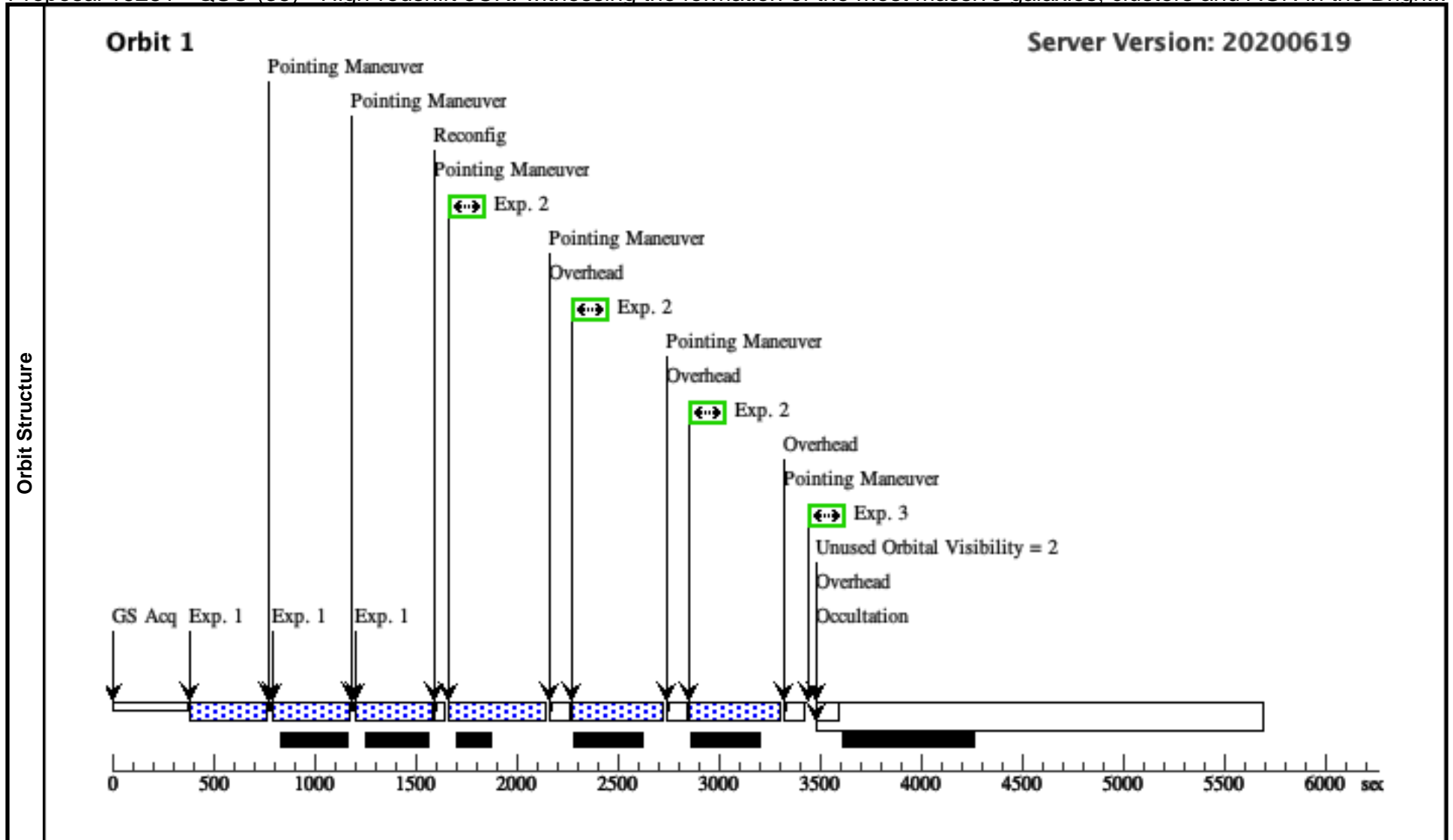
<b>Visit</b>	Proposal 16281, QSO (34), completed <span style="float: right;">Fri Jun 11 18:01:58 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	<b>Diagnostics</b> (Exposure 3 (QSO (34))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)							
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(14)	3C191	RA: 08 04 48.0000 (121.2000000d) Dec: +10 15 24.00 (10.25667d) Equinox: J2000	Redshift: 1.956	V=(?) 18.4	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QSO]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(14) 3C191	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in QSO (34) (1)	299.232481 Secs (897.697 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(14) 3C191	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in QSO (34) (2)	390 Secs (1170 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3		(14) 3C191	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (29 Secs) [=>]	[1]



Proposal 16281 - QSO (35) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

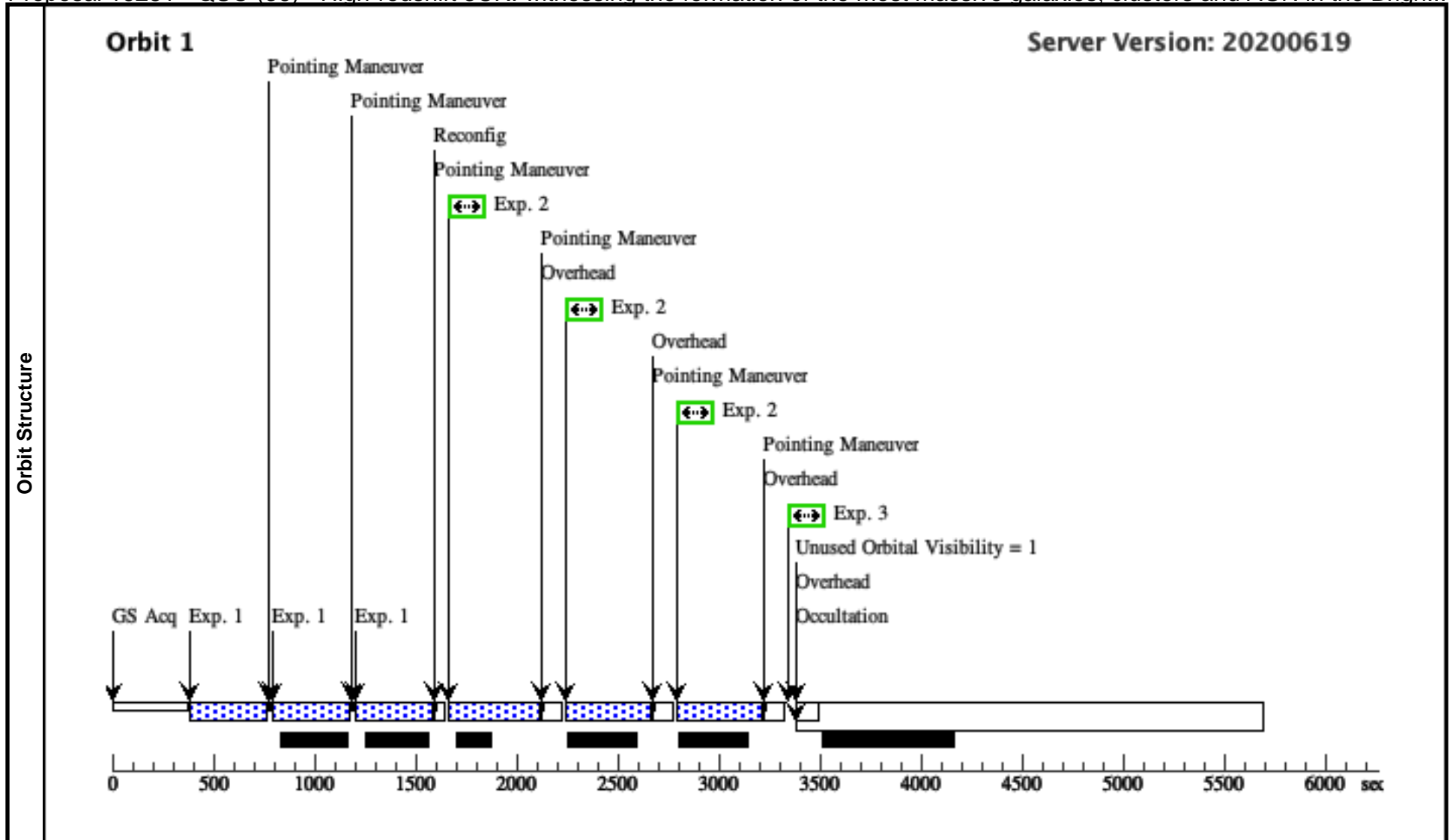
Fri Jun 11 18:01:58 GMT 2021

<b>Visit</b>	<b>Proposal 16281, QSO (35), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none) <i>Comments: Bright star V=12.5 I' from the target</i>									
	<b>Diagnosics</b> (Exposure 3 (QSO (35))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1)				
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true			(2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(16)	3C204	RA: 08 37 45.0000 (129.4375000d) Dec: +65 13 35.00 (65.22639d) Equinox: J2000	Redshift: 1.112	V=(?) 18.21	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[QSO]									
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(16) 3C204	(16) 3C204	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=12; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in QSO (35) (1)	349.232932 Secs (1047.699 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2	(16) 3C204	(16) 3C204	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in QSO (35) (2)	454 Secs (1362 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
3	(16) 3C204	(16) 3C204	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (29 Secs)		
								[==>]	[1]	



Proposal 16281 - QSO (36) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

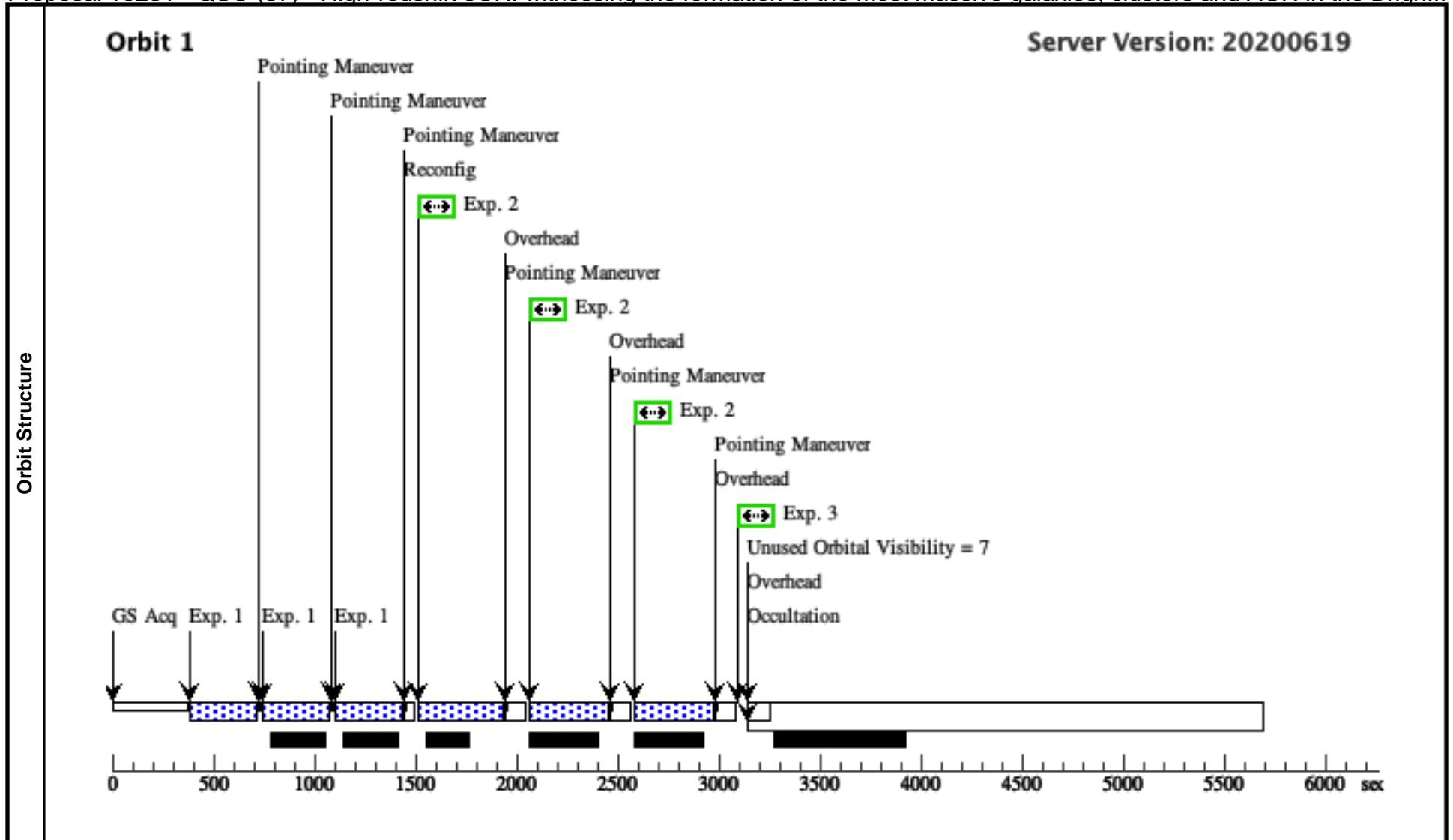
<b>Visit</b>	Proposal 16281, QSO (36), completed <span style="float: right;">Fri Jun 11 18:01:58 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 35D TO 95 D; ORIENT 130D TO 180 D; ORIENT 210D TO 270 D; ORIENT 300D TO 5 D									
	<b>Diagnosics</b> (Exposure 3 (QSO (36))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)							
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(17)	3C205	RA: 08 39 6.5000 (129.7770833d) Dec: +57 54 17.00 (57.90472d) Equinox: J2000	Redshift: 1.534	V=(?) 17.62	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QSO]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(17) 3C205	(17) 3C205	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=12; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in QSO (36) (1)	349.232932 Secs (1047.699 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2	(17) 3C205	(17) 3C205	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in QSO (36) (2)	422 Secs (1266 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
3	(17) 3C205	(17) 3C205	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (29 Secs)		
								[==>]	[1]	



Proposal 16281 - QSO (37) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

Fri Jun 11 18:01:58 GMT 2021

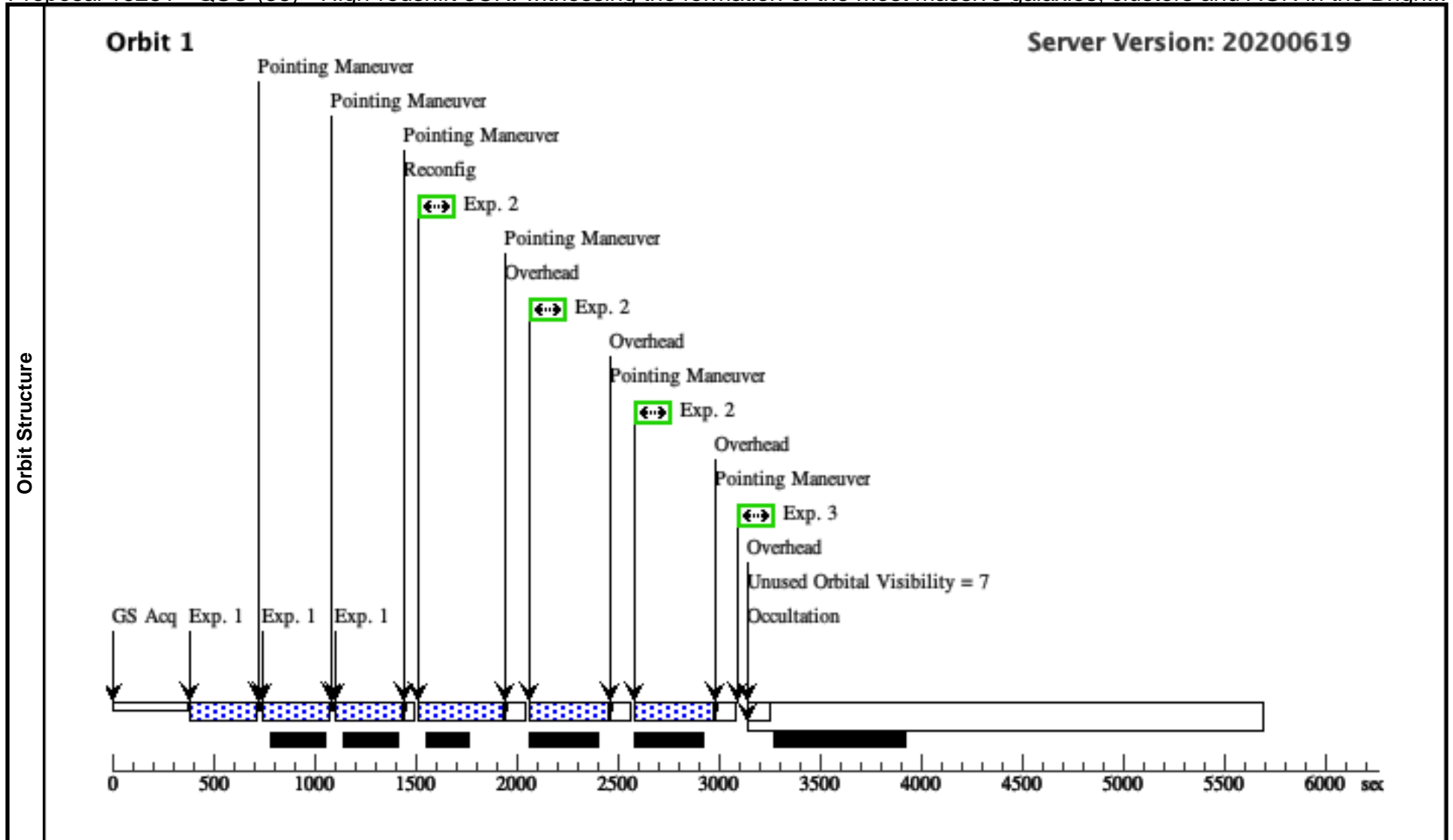
<b>Visit</b>	<b>Proposal 16281, QSO (37), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none) <i>Comments: Bright star V=11.8 I' from the target</i>									
	<b>Diagnosics</b> (Exposure 3 (QSO (37))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1)				
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true			(2)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(19)	3C212	RA: 08 58 41.5000 (134.6729167d) Dec: +14 09 44.00 (14.16222d) Equinox: J2000	Redshift: 1.048	V=(?) 19.06	Reference Frame: ICRS				
	<i>Comments: Category=GALAXY Description=[QSO]</i>									
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(19) 3C212	(19) 3C212	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in QSO (37) (1)	299.232481 Secs (897.697 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2	(19) 3C212	(19) 3C212	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in QSO (37) (2)	390 Secs (1170 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	3	(19) 3C212	(19) 3C212	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (29 Secs) [==>]	[1]



Proposal 16281 - QSO (38) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

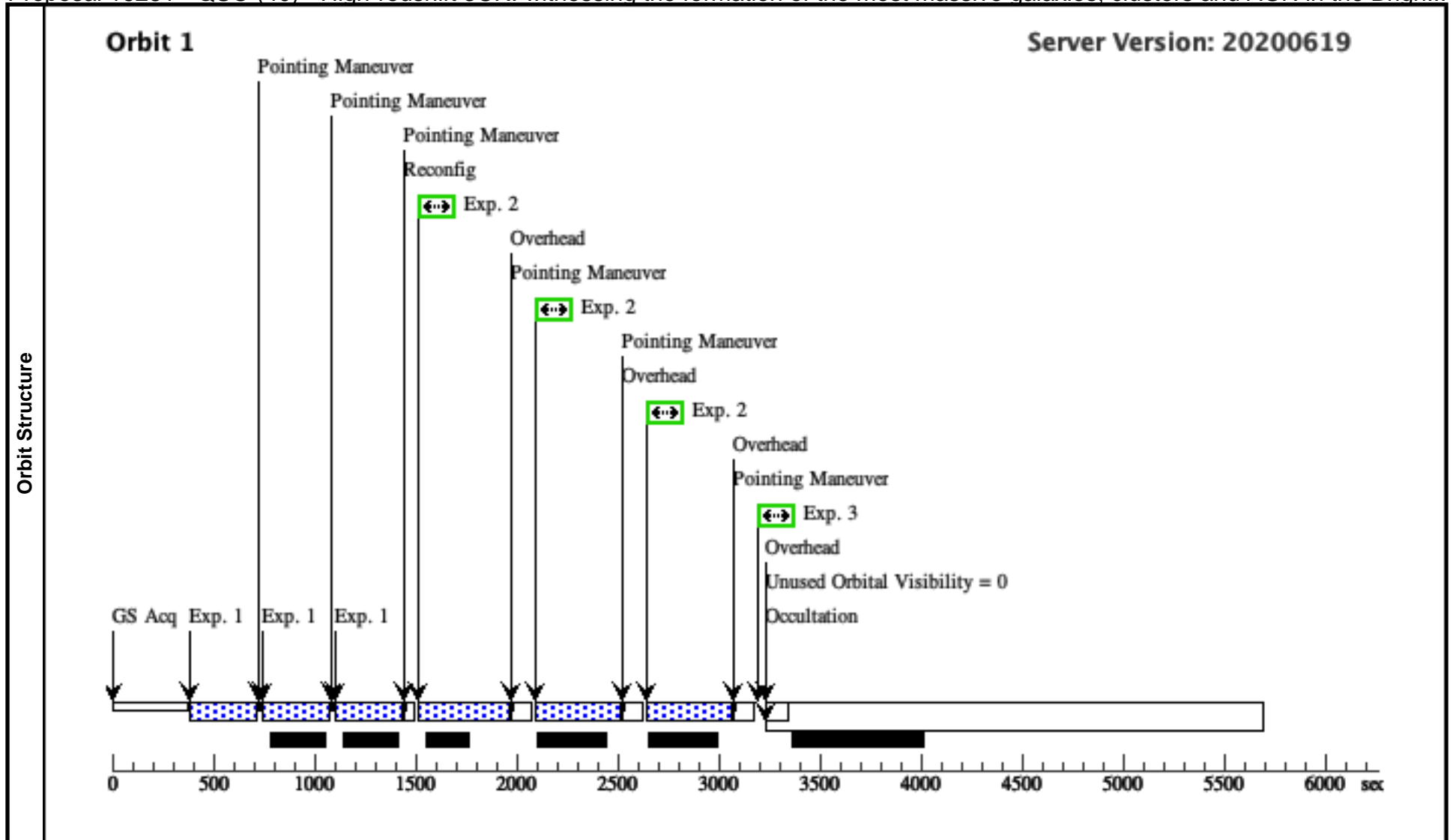
Fri Jun 11 18:01:58 GMT 2021

<b>Visit</b>	<b>Proposal 16281, QSO (38), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: ORIENT 244D TO 311 D; ORIENT 335D TO 52 D <i>Comments: Bright star V=12.67 1' from the target</i>									
	<b>Diagnosics</b> (Exposure 3 (QSO (38))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-IR-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)					
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)						
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(25)	3C245-OFF	RA: 10 42 45.9192 (160.6913300d) Dec: +12 04 15.15 (12.07087d) Equinox: J2000	Redshift: 1.02865	V=17.3 17.5g	Reference Frame: ICRS				
<i>Comments: Coordinates were modified to allow scheduling (no GS found for the target)</i> Category=GALAXY Description=[QSO]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(25) 3C245-OFF	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-1 i n QSO (38) (1)	299.232481 Secs (897.697 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(25) 3C245-OFF	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 i n QSO (38) (2)	390 Secs (1170 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
3		(25) 3C245-OFF	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (29 Secs)		
								[==>]	[1]	



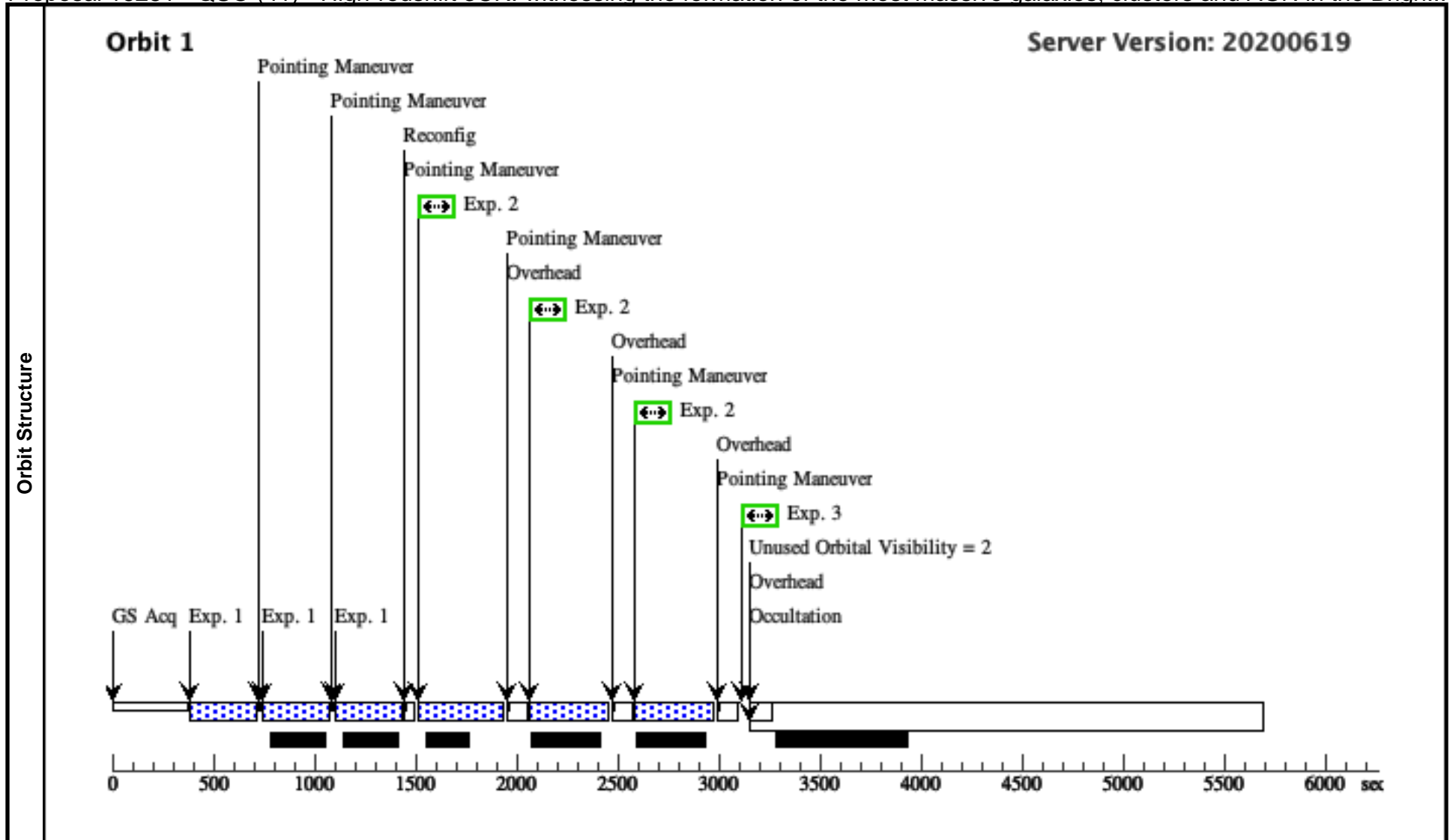
Proposal 16281 - QSO (40) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

<b>Visit</b>	Proposal 16281, QSO (40), completed <span style="float: right;">Fri Jun 11 18:01:58 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	<b>Diagnosics</b> (Exposure 3 (QSO (40))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)							
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(30)	3C280.1	RA: 13 00 33.3000 (195.1387500d) Dec: +40 09 8.00 (40.15222d) Equinox: J2000	Redshift: 1.67132	V=(?) 18.9g	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QSO]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(30) 3C280.1	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-1 i n QSO (40) (1)	299.232481 Secs (897.697 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(30) 3C280.1	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 i n QSO (40) (2)	422 Secs (1266 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
3		(30) 3C280.1	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (29 Secs)		
								[==>]	[1]	



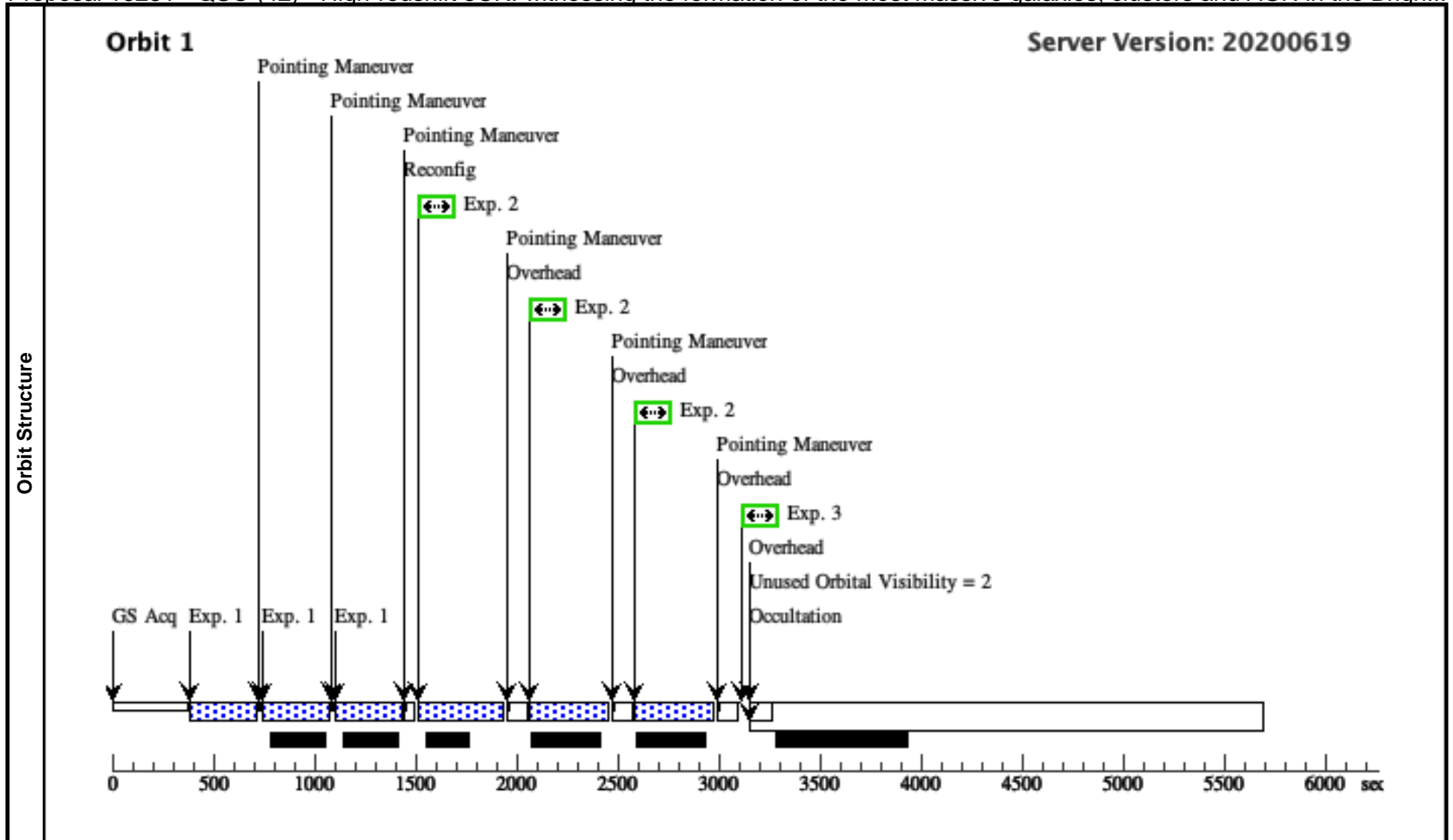
Proposal 16281 - QSO (41) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

<b>Visit</b>	Proposal 16281, QSO (41), completed <span style="float: right;">Fri Jun 11 18:01:58 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	<b>Diagnostics</b> (Exposure 3 (QSO (41))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)							
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(41)	4C16.49	RA: 17 34 42.6000 (263.6775000d) Dec: +16 00 31.00 (16.00861d) Equinox: J2000  <i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[QSO]		V=18.5	Reference Frame: ICRS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(41) 4C16.49	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in QSO (41) (1)	299.232481 Secs (897.697 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(41) 4C16.49	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in QSO (41) (2)	394 Secs (1182 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3		(41) 4C16.49	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (29 Secs) [=>]	[1]



Proposal 16281 - QSO (42) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

<b>Visit</b>	Proposal 16281, QSO (42), completed <span style="float: right;">Fri Jun 11 18:01:58 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	<b>Diagnostics</b> (Exposure 3 (QSO (42))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)							
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(34)	3C454	RA: 22 51 34.7000 (342.8945833d) Dec: +18 48 40.00 (18.811111d) Equinox: J2000	Redshift: 1.757	V=(?) 18.47	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QSO]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(34) 3C454	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in QSO (42) (1)	299.232481 Secs (897.697 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(34) 3C454	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in QSO (42) (2)	394 Secs (1182 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	3		(34) 3C454	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (29 Secs) [=>]	[1]



Proposal 16281 - QSO (44) - High-redshift 3CR: witnessing the formation of the most massive galaxies, clusters and AGN in the Brigh...

<b>Visit</b>	<b>Proposal 16281, QSO (44), implementation</b> <span style="float: right;">Fri Jun 11 18:01:58 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	<b>Diagnosics</b> (Exposure 3 (QSO (44))) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=1.272 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1)						
(2)	Pattern Type=WFC3-UVIS-GAP-LINE Purpose=MOSAIC Number Of Points=3 Point Spacing=2.414 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.759 Angle Between Sides= Center Pattern=true		(2)							
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(44)	3C-82	RA: 03 14 44.2000 (48.6841667d) Dec: +43 14 4.00 (43.23444d) Equinox: J2000	Epoch of Position: 2015.5	V=21.0	Reference Frame: SIMBAD				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[RADIO GALAXY]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(44) 3C-82	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=11; SAMP-SEQ=STEP5 0		Pattern 1, Exps 1-1 in QSO (44) (1)	299.232481 Secs (897.697 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(44) 3C-82	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO		Pattern 2, Exps 2-2 in QSO (44) (2)	422 Secs (1266 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
3		(44) 3C-82	WFC3/UVIS, ACCUM, UVIS-FIX	F606W	CR-SPLIT=NO; FLASH=19			29 Secs (29 Secs)		
								[==>]	[1]	

