



16276 - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Cycle: 28, Proposal Category: GO
(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) BOSS1244-P1	WFC3/IR	1	02-Nov-2021 11:00:21.0	yes
02	(1) BOSS1244-P1	WFC3/IR	1	02-Nov-2021 11:00:22.0	yes
03	(1) BOSS1244-P1	WFC3/IR	1	02-Nov-2021 11:00:22.0	yes
04	(2) BOSS1244-P2	WFC3/IR	1	02-Nov-2021 11:00:23.0	yes
05	(2) BOSS1244-P2	WFC3/IR	1	02-Nov-2021 11:00:23.0	yes
06	(2) BOSS1244-P2	WFC3/IR	1	02-Nov-2021 11:00:24.0	yes

Proposal 16276 (STScI Edit Number: 6, Created: Tuesday, November 2, 2021 at 10:00:47 AM 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>
07	(3) BOSS1244-P3	WFC3/IR	1	02-Nov-2021 11:00:25.0	yes
08	(3) BOSS1244-P3	WFC3/IR	1	02-Nov-2021 11:00:25.0	yes
09	(3) BOSS1244-P3	WFC3/IR	1	02-Nov-2021 11:00:26.0	yes
10	(4) BOSS1244-P4	WFC3/IR	1	02-Nov-2021 11:00:26.0	yes
11	(4) BOSS1244-P4	WFC3/IR	1	02-Nov-2021 11:00:27.0	yes
12	(4) BOSS1244-P4	WFC3/IR	1	02-Nov-2021 11:00:27.0	yes
13	(5) BOSS1244-P5	WFC3/IR	1	02-Nov-2021 11:00:28.0	yes
14	(5) BOSS1244-P5	WFC3/IR	1	02-Nov-2021 11:00:28.0	yes
15	(5) BOSS1244-P5	WFC3/IR	1	02-Nov-2021 11:00:29.0	yes
16	(6) BOSS1542-P1	WFC3/IR	1	02-Nov-2021 11:00:29.0	yes
17	(6) BOSS1542-P1	WFC3/IR	1	02-Nov-2021 11:00:30.0	yes
18	(6) BOSS1542-P1	WFC3/IR	1	02-Nov-2021 11:00:30.0	yes
19	(7) BOSS1542-P2	WFC3/IR	1	02-Nov-2021 11:00:31.0	yes
20	(7) BOSS1542-P2	WFC3/IR	1	02-Nov-2021 11:00:32.0	yes
21	(7) BOSS1542-P2	WFC3/IR	1	02-Nov-2021 11:00:32.0	yes
22	(8) BOSS1542-P3	WFC3/IR	1	02-Nov-2021 11:00:33.0	yes
23	(8) BOSS1542-P3	WFC3/IR	1	02-Nov-2021 11:00:33.0	yes
24	(8) BOSS1542-P3	WFC3/IR	1	02-Nov-2021 11:00:34.0	yes
25	(9) BOSS1542-P4	WFC3/IR	1	02-Nov-2021 11:00:34.0	yes
26	(9) BOSS1542-P4	WFC3/IR	1	02-Nov-2021 11:00:35.0	yes
27	(9) BOSS1542-P4	WFC3/IR	1	02-Nov-2021 11:00:36.0	yes
28	(10) BOSS1542-P5	WFC3/IR	1	02-Nov-2021 11:00:36.0	yes
29	(10) BOSS1542-P5	WFC3/IR	1	02-Nov-2021 11:00:37.0	yes
30	(10) BOSS1542-P5	WFC3/IR	1	02-Nov-2021 11:00:37.0	yes
31	(11) BOSS1441-P1	WFC3/IR	1	02-Nov-2021 11:00:38.0	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>
32	(11) BOSS1441-P1	WFC3/IR	1	02-Nov-2021 11:00:38.0	yes
33	(11) BOSS1441-P1	WFC3/IR	1	02-Nov-2021 11:00:39.0	yes
34	(12) BOSS1441-P2	WFC3/IR	1	02-Nov-2021 11:00:39.0	yes
84	(12) BOSS1441-P2	WFC3/IR	1	02-Nov-2021 11:00:40.0	yes
35	(12) BOSS1441-P2	WFC3/IR	1	02-Nov-2021 11:00:40.0	yes
36	(12) BOSS1441-P2	WFC3/IR	1	02-Nov-2021 11:00:41.0	yes
37	(13) BOSS1441-P3	WFC3/IR	1	02-Nov-2021 11:00:42.0	yes
38	(13) BOSS1441-P3	WFC3/IR	1	02-Nov-2021 11:00:42.0	yes
39	(13) BOSS1441-P3	WFC3/IR	1	02-Nov-2021 11:00:43.0	yes
40	(14) BOSS1441-P4	WFC3/IR	1	02-Nov-2021 11:00:43.0	yes
90	(14) BOSS1441-P4	WFC3/IR	1	02-Nov-2021 11:00:44.0	yes
41	(14) BOSS1441-P4	WFC3/IR	1	02-Nov-2021 11:00:44.0	yes
42	(14) BOSS1441-P4	WFC3/IR	1	02-Nov-2021 11:00:45.0	yes
43	(15) BOSS1441-P5	WFC3/IR	1	02-Nov-2021 11:00:45.0	yes
44	(15) BOSS1441-P5	WFC3/IR	1	02-Nov-2021 11:00:46.0	yes
45	(15) BOSS1441-P5	WFC3/IR	1	02-Nov-2021 11:00:46.0	yes

47 Total Orbits Used

ABSTRACT

We propose to obtain WFC3/G141 grism observations in the density peak regions of three massive protocluster fields at $z=2-3$, selected using coherently strong Lyman-alpha absorption from the IGM in background quasar spectra. These three protoclusters were selected using the SDSS-III quasar library of $>80,000$ spectra over a sky coverage of $10,000 \text{ deg}^2$. They have over 100 spectroscopically confirmed bright Lyman-alpha/H-alpha emitters in each system and are among the most massive protoclusters yet known at high redshifts. Previous HST imaging data have revealed a tentative population of red and compact galaxies, whose general faintness precludes ground-based spectroscopic confirmation. The WFC3/G141 grism provides the only way to efficiently confirm the redshifts of these passive galaxies through spectral features typical of old stellar populations. The goals of this proposal are: 1) to confirm the protocluster membership of red galaxies, and the redshifts of faint Lyman-alpha/H-alpha emitter

candidates; 2) to characterize the stellar populations of quiescent and post-starburst galaxies, and compare the relative strengths of different quenching mechanisms (mass/internal vs. environment/external); 3) to spatially resolve the chemical profiles of the protocluster member star-forming galaxies, and measure metallicity radial gradients in a large sample of ~ 100 galaxies in overdense environments. The proposed observation will establish the first statistically significant benchmark for the cluster-field comparisons in the aspects of galaxy mass assembly and chemical enrichment, and provide key insights on the early evolution of the progenitors of Coma-like galaxy clusters at $z \sim 0$.

OBSERVING DESCRIPTION

In this program, we obtain in total 45 orbits of WFC3/G141 spectroscopy in the cores of three most massive galaxy protoclusters at $z \sim 2.2$. For each protocluster core region, we target 5 pointings, selected based on archival HST imaging data of 1-orbit F160W exposures. Since our targets are dense fields, we need multiple orients in each field to account for possible collisions of source spectra from grism slitless spectroscopy. For each pointing, we design a set of 3 individual visits of 1-orbit depth G141 grism + F125W direct imaging exposures, with an incremental orient offset of 10-15 degrees among the three visits. One of these three visits (usually the middle one) has exactly the same orient as used in the archival imaging program, to maximize the overlap between our new G141/F125W data and the archival F160W data, so that the analysis of the sources in our fields benefit from the full HST data coverage. We use the PosTarg offset to mitigate the difference between the GRISM1024 and IR-FIX apertures of WFC3, and the offset of spectral dispersion of G141.

The reason we prefer relatively small orient offset (i.e. 10-15 degrees) rather than a large angular difference (say >45 deg) is that smaller rotation offsets have better overlap in FoV area with the archival imaging, and any angles above ~ 10 -15 degree would provide the source spectra not similarly contaminated by the same object(s). Eventually, when combining the data taken at all three orbits for source emission line maps and 2D spectra, this orient rotation between the three visits will provide the random pixel phases we need to better sample the PSF of WFC3, and to reduce the overall average contamination. For each one of the three 1-orbit visits in each field, the observing sequence is direct, grism, offset, grism, direct. The direct images taken in the beginning/ending part of the sequence are necessary for optimal extraction and spectral calibration (wavelength + flux). The grism exposures are therefore bracketed in the middle to avoid times when the atmospheric airglow background can be substantially higher.

Proposal 16276 - BOSS1244-P1A (01) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

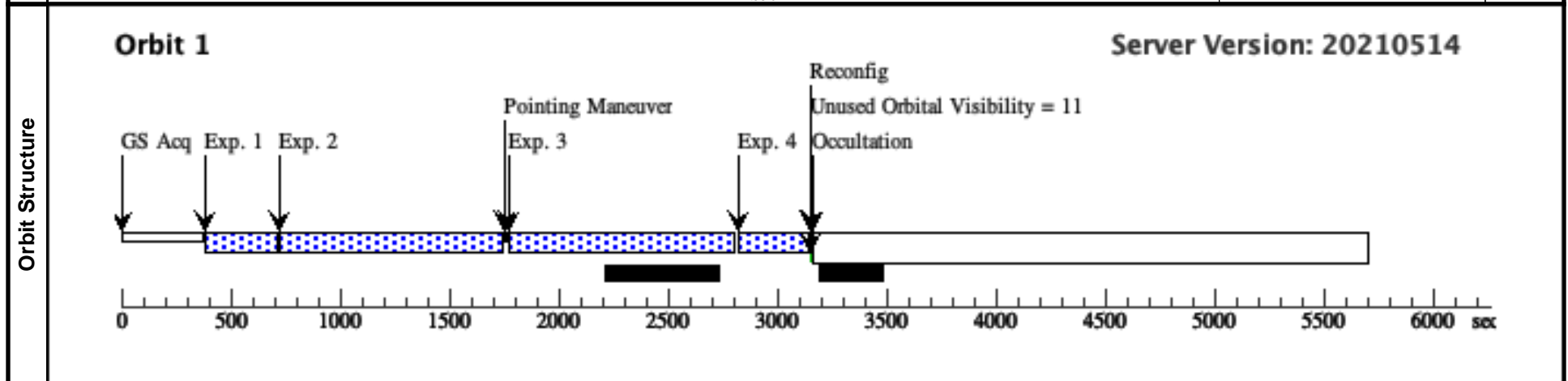
Tue Nov 02 15:00:47 GMT 2021

Visit	<p>Proposal 16276, BOSS1244-P1A (01), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 40%; ORIENT 227.6D TO 237.6 D</p> <p><i>Comments: PI prefers orient of 232.6</i></p>
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Diagnostics	<p>(BOSS1244-P1A (01)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(BOSS1244-P1A (01)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p>
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Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>BOSS1244-P1</td> <td>RA: 12 43 40.9950 (190.9208125d) Dec: +35 51 19.53 (35.85543d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	BOSS1244-P1	RA: 12 43 40.9950 (190.9208125d) Dec: +35 51 19.53 (35.85543d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(1)	BOSS1244-P1	RA: 12 43 40.9950 (190.9208125d) Dec: +35 51 19.53 (35.85543d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) BOSS1244-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P1A (01)	302.934997 Secs (302.935 Secs) [==>]	[1]
2		(1) BOSS1244-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P1A (01)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
3		(1) BOSS1244-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P1A (01)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
4		(1) BOSS1244-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P1A (01)	302.934997 Secs (302.935 Secs) [==>]	[1]



Proposal 16276 - BOSS1244-P1B (02) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:47 GMT 2021

Visit	Proposal 16276, BOSS1244-P1B (02), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 70%; ORIENT -15D TO -10D FROM 01									
	(BOSS1244-P1B (02)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1244-P1B (02)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BOSS1244-P1	RA: 12 43 40.9950 (190.9208125d) Dec: +35 51 19.53 (35.85543d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS				
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) BOSS1244-P1	(1) BOSS1244-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P1B (02)	302.934997 Secs (302.935 Secs) [==>]	[1]
	2	(1) BOSS1244-P1	(1) BOSS1244-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P1B (02)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	3	(1) BOSS1244-P1	(1) BOSS1244-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P1B (02)	902.935198 Secs (902.935 Secs) [==>]	[1]
	4	(1) BOSS1244-P1	(1) BOSS1244-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P1B (02)	302.934997 Secs (302.935 Secs) [==>]	[1]
Orbit Structure	Orbit 1 Server Version: 20210514									

Proposal 16276 - BOSS1244-P1C (03) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

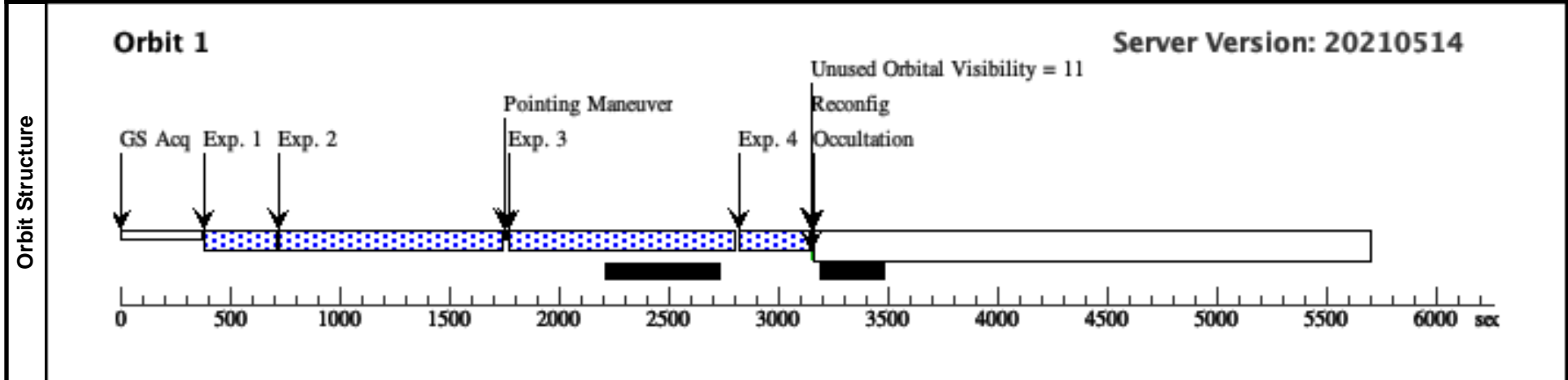
Tue Nov 02 15:00:47 GMT 2021

Visit	Proposal 16276, BOSS1244-P1C (03), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT 10D TO 15D FROM 01
	(BOSS1244-P1C (03)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1244-P1C (03)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Diagnosics	(BOSS1244-P1C (03)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1244-P1C (03)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
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Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>BOSS1244-P1</td> <td> RA: 12 43 40.9950 (190.9208125d) Dec: +35 51 19.53 (35.85543d) Equinox: J2000 </td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	BOSS1244-P1	RA: 12 43 40.9950 (190.9208125d) Dec: +35 51 19.53 (35.85543d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(1)	BOSS1244-P1	RA: 12 43 40.9950 (190.9208125d) Dec: +35 51 19.53 (35.85543d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(1) BOSS1244-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P1C (03)	302.934997 Secs (302.935 Secs)	[==>]	[1]
2	(1) BOSS1244-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P1C (03)	1002.935521 Secs (1002.936 Secs)	[==>]	[1]	
3	(1) BOSS1244-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P1C (03)	1002.935521 Secs (1002.936 Secs)	[==>]	[1]	
4	(1) BOSS1244-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P1C (03)	302.934997 Secs (302.935 Secs)	[==>]	[1]	



Proposal 16276 - BOSS1244-P2A (04) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

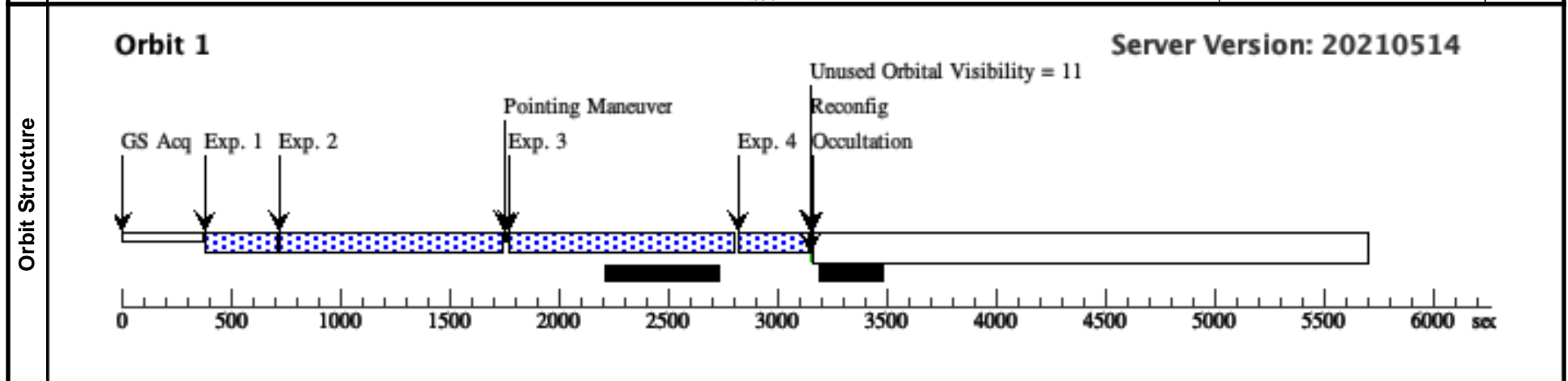
Tue Nov 02 15:00:47 GMT 2021

Visit	<p>Proposal 16276, BOSS1244-P2A (04), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 40%; ORIENT 230.9D TO 240.9 D</p> <p><i>Comments: PI prefers orient of 235.9</i></p>
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Diagnostics	<p>(BOSS1244-P2A (04)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(BOSS1244-P2A (04)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p>
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Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>BOSS1244-P2</td> <td>RA: 12 43 31.8200 (190.8825833d) Dec: +35 53 14.32 (35.88731d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	BOSS1244-P2	RA: 12 43 31.8200 (190.8825833d) Dec: +35 53 14.32 (35.88731d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(2)	BOSS1244-P2	RA: 12 43 31.8200 (190.8825833d) Dec: +35 53 14.32 (35.88731d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(2) BOSS1244-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P2A (04)	302.934997 Secs (302.935 Secs) [==>]	[1]	
2	(2) BOSS1244-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P2A (04)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
3	(2) BOSS1244-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P2A (04)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
4	(2) BOSS1244-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P2A (04)	302.934997 Secs (302.935 Secs) [==>]	[1]	



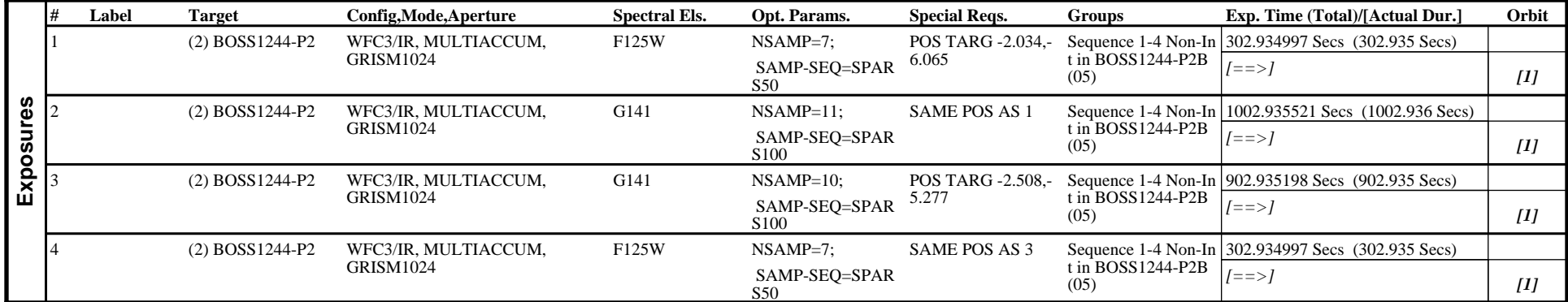
Proposal 16276 - BOSS1244-P2B (05) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:47 GMT 2021

Visit	Proposal 16276, BOSS1244-P2B (05), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 70%; ORIENT -15D TO -10D FROM 04
	(BOSS1244-P2B (05)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1244-P2B (05)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (2) BOSS1244-P2 RA: 12 43 31.8200 (190.8825833d) Dec: +35 53 14.32 (35.88731d) Equinox: J2000 Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]
	# Label Target Config,Mode,Aperture Spectral Els. Opt. Params. Special Reqs. Groups Exp. Time (Total)/[Actual Dur.] Orbit

Exposures	1	(2) BOSS1244-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P2B (05)	302.934997 Secs (302.935 Secs) [==>]	[1]
	2	(2) BOSS1244-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P2B (05)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	3	(2) BOSS1244-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P2B (05)	902.935198 Secs (902.935 Secs) [==>]	[1]
	4	(2) BOSS1244-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P2B (05)	302.934997 Secs (302.935 Secs) [==>]	[1]



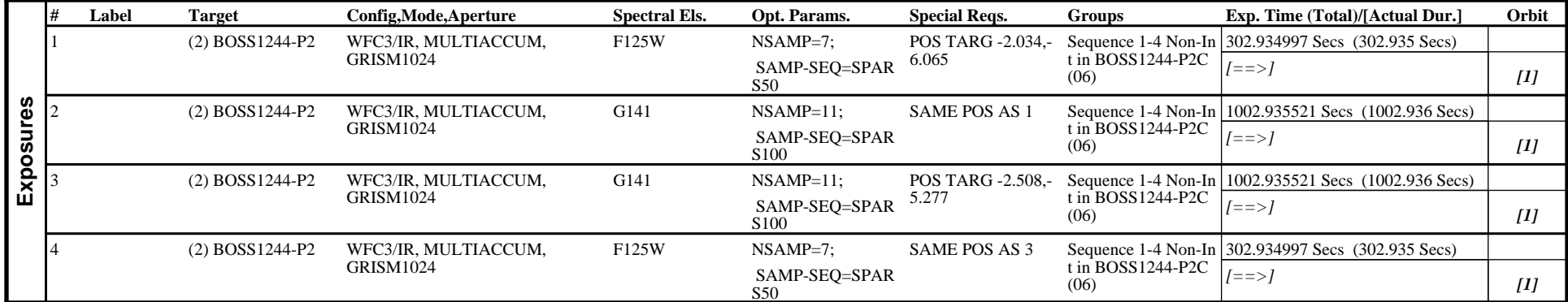
Proposal 16276 - BOSS1244-P2C (06) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:47 GMT 2021

Visit	Proposal 16276, BOSS1244-P2C (06), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT 10D TO 15D FROM 04
	(BOSS1244-P2C (06)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1244-P2C (06)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (2) BOSS1244-P2 RA: 12 43 31.8200 (190.8825833d) Dec: +35 53 14.32 (35.88731d) Equinox: J2000 Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]
	# Label Target Config,Mode,Aperture Spectral Els. Opt. Params. Special Reqs. Groups Exp. Time (Total)/[Actual Dur.] Orbit

Exposures	1	(2) BOSS1244-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P2C (06)	302.934997 Secs (302.935 Secs) [==>]	[1]
	2	(2) BOSS1244-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P2C (06)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	3	(2) BOSS1244-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P2C (06)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	4	(2) BOSS1244-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P2C (06)	302.934997 Secs (302.935 Secs) [==>]	[1]



Proposal 16276 - BOSS1244-P3A (07) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

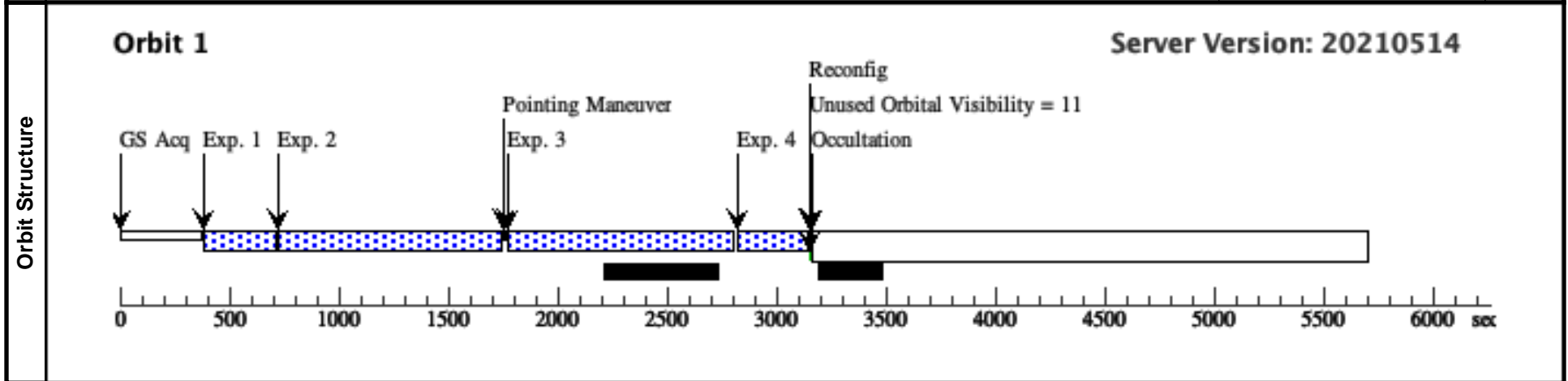
Tue Nov 02 15:00:47 GMT 2021

Visit	<p>Proposal 16276, BOSS1244-P3A (07), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 40%; ORIENT 224.2D TO 234.2 D</p> <p><i>Comments: PI prefers orient of 229.2</i></p>
	<p>(BOSS1244-P3A (07)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(BOSS1244-P3A (07)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p>

Diagnosics	<p>(BOSS1244-P3A (07)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(BOSS1244-P3A (07)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p>
	<p>(BOSS1244-P3A (07)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p>

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>(3)</td> <td>BOSS1244-P3</td> <td>RA: 12 43 29.5910 (190.8732958d) Dec: +35 55 4.83 (35.91801d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]</i></p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	BOSS1244-P3	RA: 12 43 29.5910 (190.8732958d) Dec: +35 55 4.83 (35.91801d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(3)	BOSS1244-P3	RA: 12 43 29.5910 (190.8732958d) Dec: +35 55 4.83 (35.91801d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1		(3) BOSS1244-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P3A (07)	302.934997 Secs (302.935 Secs) [==>]
	2		(3) BOSS1244-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P3A (07)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	3		(3) BOSS1244-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P3A (07)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	4		(3) BOSS1244-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P3A (07)	302.934997 Secs (302.935 Secs) [==>]	[1]



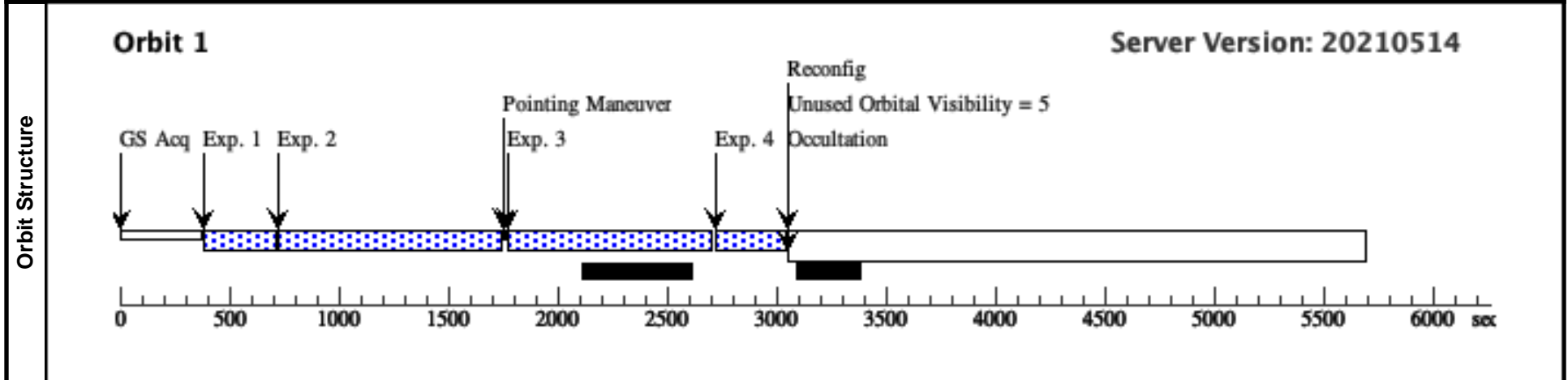
Proposal 16276 - BOSS1244-P3B (08) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:47 GMT 2021

Visit	Proposal 16276, BOSS1244-P3B (08), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 70%; ORIENT -15D TO -10D FROM 07
	(BOSS1244-P3B (08)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1244-P3B (08)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous
	(3) BOSS1244-P3 RA: 12 43 29.5910 (190.8732958d) Dec: +35 55 4.83 (35.91801d) Equinox: J2000 Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	(3) BOSS1244-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P3B (08)	302.934997 Secs (302.935 Secs) [==>]	[1]
	2	(3) BOSS1244-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P3B (08)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
	3	(3) BOSS1244-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P3B (08)	902.935198 Secs (902.935 Secs) [==>]	[1]	
	4	(3) BOSS1244-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P3B (08)	302.934997 Secs (302.935 Secs) [==>]	[1]	



Proposal 16276 - BOSS1244-P3C (09) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:47 GMT 2021

Visit	Proposal 16276, BOSS1244-P3C (09), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT 10D TO 15D FROM 07									
	(BOSS1244-P3C (09)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1244-P3C (09)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	BOSS1244-P3	RA: 12 43 29.5910 (190.8732958d) Dec: +35 55 4.83 (35.91801d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS				
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(3) BOSS1244-P3	(3) BOSS1244-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P3C (09)	302.934997 Secs (302.935 Secs) [==>]	[1]
	2	(3) BOSS1244-P3	(3) BOSS1244-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P3C (09)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	3	(3) BOSS1244-P3	(3) BOSS1244-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P3C (09)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	4	(3) BOSS1244-P3	(3) BOSS1244-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P3C (09)	302.934997 Secs (302.935 Secs) [==>]	[1]
Orbit Structure	Server Version: 20210514 Unused Orbital Visibility = 11									

Proposal 16276 - BOSS1244-P4A (10) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

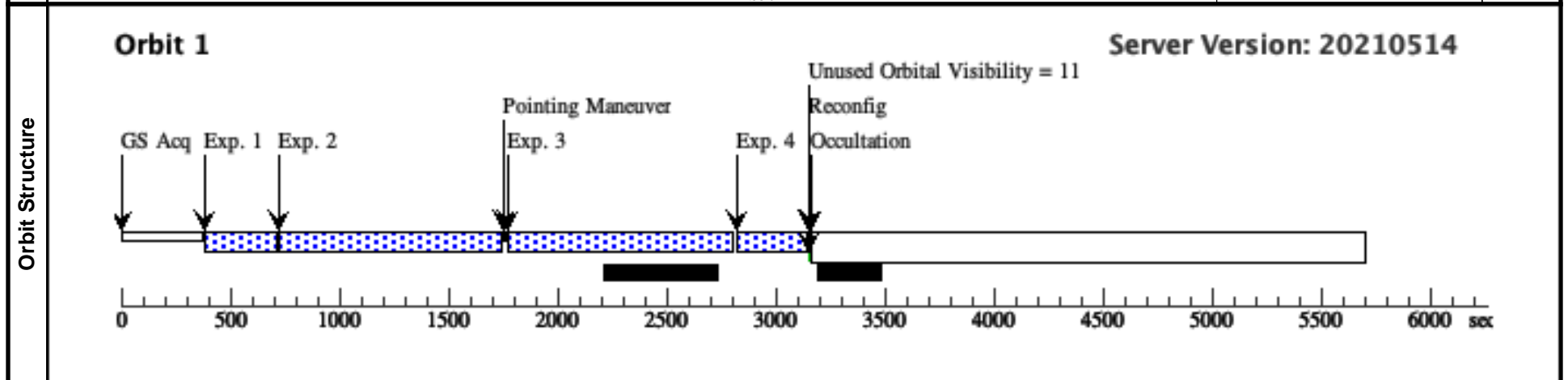
Tue Nov 02 15:00:47 GMT 2021

Visit	<p>Proposal 16276, BOSS1244-P4A (10), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 40%; ORIENT 224.3D TO 234.3 D</p> <p><i>Comments: PI prefers orient of 229.3</i></p>
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Diagnostics	<p>(BOSS1244-P4A (10)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(BOSS1244-P4A (10)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p>
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Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(4)</td> <td>BOSS1244-P4</td> <td>RA: 12 43 39.3460 (190.9139417d) Dec: +35 55 30.21 (35.92506d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(4)	BOSS1244-P4	RA: 12 43 39.3460 (190.9139417d) Dec: +35 55 30.21 (35.92506d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(4)	BOSS1244-P4	RA: 12 43 39.3460 (190.9139417d) Dec: +35 55 30.21 (35.92506d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) BOSS1244-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P4A (10)	302.934997 Secs (302.935 Secs) [==>]	[1]
2		(4) BOSS1244-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P4A (10)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
3		(4) BOSS1244-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P4A (10)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
4		(4) BOSS1244-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P4A (10)	302.934997 Secs (302.935 Secs) [==>]	[1]



Proposal 16276 - BOSS1244-P4B (11) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:47 GMT 2021

Visit	Proposal 16276, BOSS1244-P4B (11), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 70%; ORIENT -15D TO -10D FROM 10									
	(BOSS1244-P4B (11)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1244-P4B (11)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	BOSS1244-P4	RA: 12 43 39.3460 (190.9139417d) Dec: +35 55 30.21 (35.92506d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS				
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(4) BOSS1244-P4	(4) BOSS1244-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P4B (11)	302.934997 Secs (302.935 Secs) [==>]	[1]
	2	(4) BOSS1244-P4	(4) BOSS1244-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P4B (11)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	3	(4) BOSS1244-P4	(4) BOSS1244-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P4B (11)	902.935198 Secs (902.935 Secs) [==>]	[1]
	4	(4) BOSS1244-P4	(4) BOSS1244-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P4B (11)	302.934997 Secs (302.935 Secs) [==>]	[1]
Orbit Structure	Server Version: 20210514 Unused Orbital Visibility = 5									

Proposal 16276 - BOSS1244-P4C (12) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:47 GMT 2021

Visit	Proposal 16276, BOSS1244-P4C (12), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT 10D TO 15D FROM 10									
	(BOSS1244-P4C (12)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1244-P4C (12)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	BOSS1244-P4	RA: 12 43 39.3460 (190.9139417d) Dec: +35 55 30.21 (35.92506d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS				
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(4) BOSS1244-P4	(4) BOSS1244-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P4C (12)	302.934997 Secs (302.935 Secs) [==>]	[1]
	2	(4) BOSS1244-P4	(4) BOSS1244-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P4C (12)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	3	(4) BOSS1244-P4	(4) BOSS1244-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P4C (12)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	4	(4) BOSS1244-P4	(4) BOSS1244-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P4C (12)	302.934997 Secs (302.935 Secs) [==>]	[1]
Orbit Structure	Server Version: 20210514									
	<p>Orbit 1</p> <p>Timeline (sec): 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000</p> <p>Events: GS Acq, Exp. 1, Exp. 2, Pointing Maneuver, Exp. 3, Exp. 4, Reconfig, Occultation</p> <p>Unused Orbital Visibility = 11</p>									

Proposal 16276 - BOSS1244-P5A (13) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

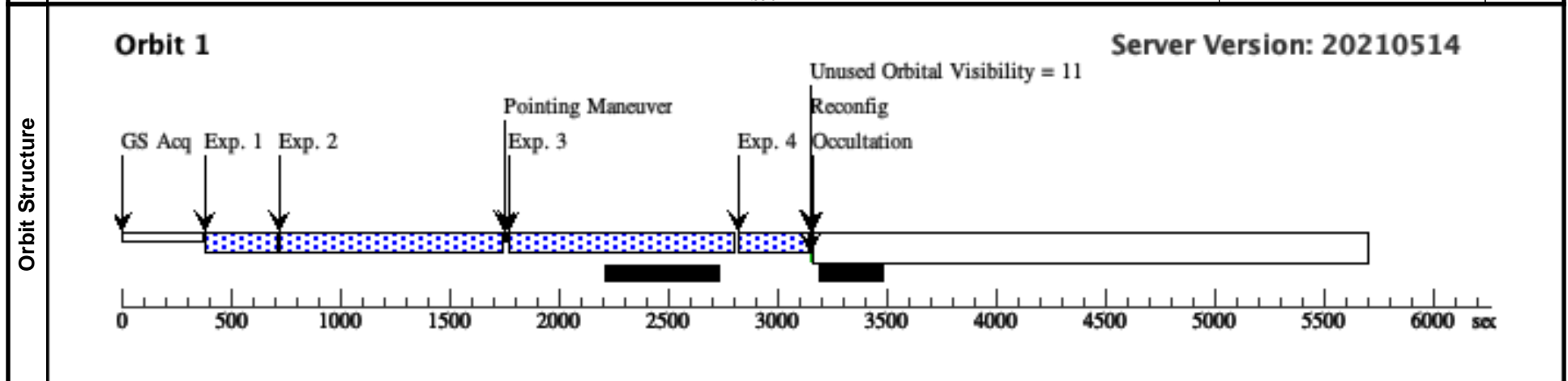
Tue Nov 02 15:00:48 GMT 2021

Visit	<p>Proposal 16276, BOSS1244-P5A (13), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 40%; ORIENT 227.8D TO 237.8 D</p> <p><i>Comments: PI prefers orient of 232.8</i></p>
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Diagnostics	<p>(BOSS1244-P5A (13)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(BOSS1244-P5A (13)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p>
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Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>BOSS1244-P5</td> <td>RA: 12 43 25.7690 (190.8573708d) Dec: +35 57 52.77 (35.96466d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(5)	BOSS1244-P5	RA: 12 43 25.7690 (190.8573708d) Dec: +35 57 52.77 (35.96466d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(5)	BOSS1244-P5	RA: 12 43 25.7690 (190.8573708d) Dec: +35 57 52.77 (35.96466d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(5) BOSS1244-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P5A (13)	302.934997 Secs (302.935 Secs) [==>]	[1]	
2	(5) BOSS1244-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P5A (13)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
3	(5) BOSS1244-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P5A (13)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
4	(5) BOSS1244-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P5A (13)	302.934997 Secs (302.935 Secs) [==>]	[1]	



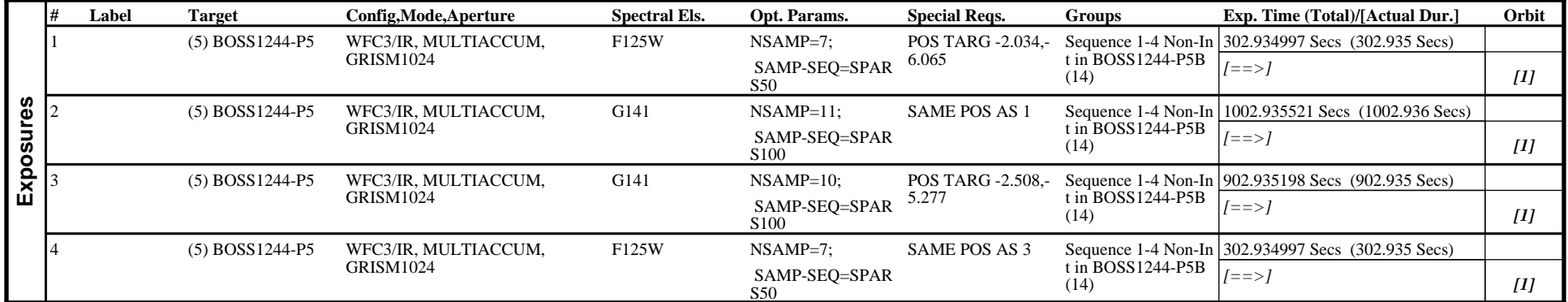
Proposal 16276 - BOSS1244-P5B (14) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1244-P5B (14), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 70%; ORIENT -15D TO -10D FROM 13
	(BOSS1244-P5B (14)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1244-P5B (14)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous
	(5) BOSS1244-P5 RA: 12 43 25.7690 (190.8573708d) Dec: +35 57 52.77 (35.96466d) Equinox: J2000 Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(5) BOSS1244-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P5B (14)	302.934997 Secs (302.935 Secs) [==>]	[1]	
2	(5) BOSS1244-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P5B (14)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
3	(5) BOSS1244-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P5B (14)	902.935198 Secs (902.935 Secs) [==>]	[1]	
4	(5) BOSS1244-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P5B (14)	302.934997 Secs (302.935 Secs) [==>]	[1]	



Proposal 16276 - BOSS1244-P5C (15) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

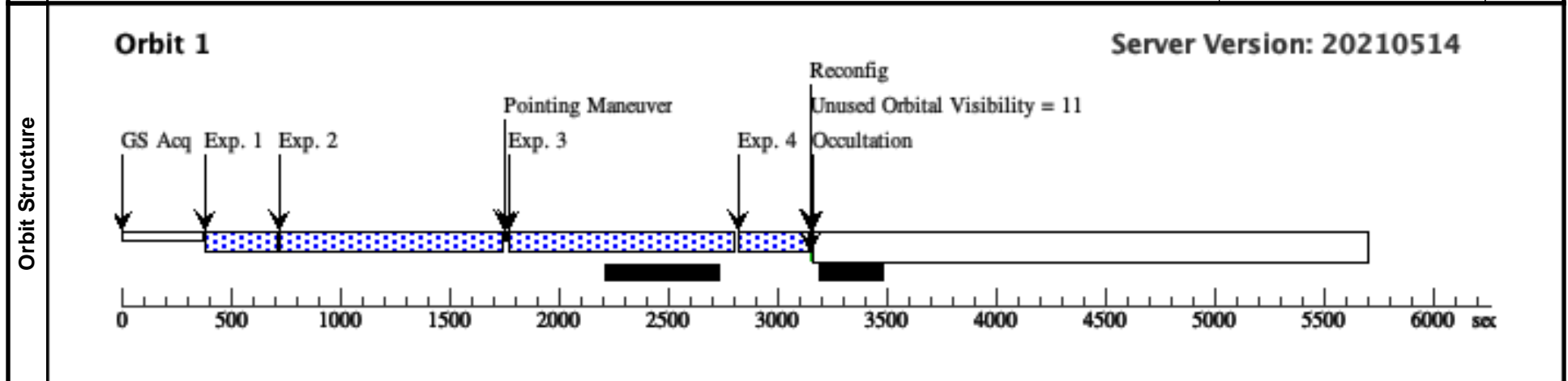
Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1244-P5C (15), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT 10D TO 15D FROM 13
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Diagnostics	(BOSS1244-P5C (15)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
	(BOSS1244-P5C (15)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>BOSS1244-P5</td> <td>RA: 12 43 25.7690 (190.8573708d) Dec: +35 57 52.77 (35.96466d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(5)	BOSS1244-P5	RA: 12 43 25.7690 (190.8573708d) Dec: +35 57 52.77 (35.96466d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(5)	BOSS1244-P5	RA: 12 43 25.7690 (190.8573708d) Dec: +35 57 52.77 (35.96466d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(5) BOSS1244-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1244-P5C (15)	302.934997 Secs (302.935 Secs)	[==>]	[1]
2	(5) BOSS1244-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1244-P5C (15)	1002.935521 Secs (1002.936 Secs)	[==>]	[1]	
3	(5) BOSS1244-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1244-P5C (15)	1002.935521 Secs (1002.936 Secs)	[==>]	[1]	
4	(5) BOSS1244-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1244-P5C (15)	302.934997 Secs (302.935 Secs)	[==>]	[1]	



Proposal 16276 - BOSS1542-P1A (16) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

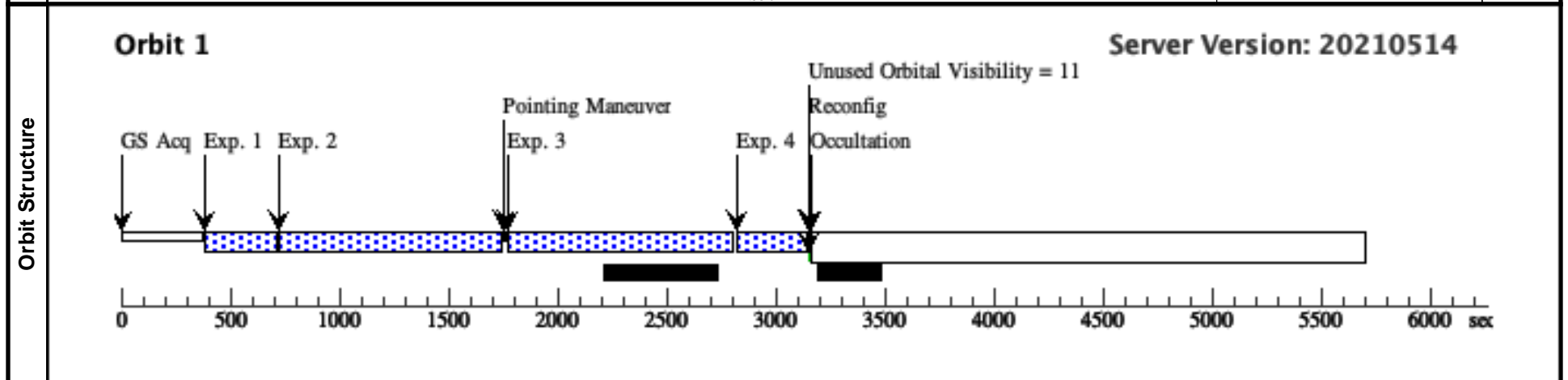
Tue Nov 02 15:00:48 GMT 2021

Visit	<p>Proposal 16276, BOSS1542-P1A (16), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 40%; ORIENT 137.6D TO 147.6 D</p> <p><i>Comments: PI prefers orient of 142.6</i></p>
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Diagnostics	<p>(BOSS1542-P1A (16)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(BOSS1542-P1A (16)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p>
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Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>BOSS1542-P1</td> <td>RA: 15 42 38.7210 (235.6613375d) Dec: +39 00 49.07 (39.01363d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(6)	BOSS1542-P1	RA: 15 42 38.7210 (235.6613375d) Dec: +39 00 49.07 (39.01363d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(6)	BOSS1542-P1	RA: 15 42 38.7210 (235.6613375d) Dec: +39 00 49.07 (39.01363d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(6) BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P1A (16)	302.934997 Secs (302.935 Secs) [==>]	[1]	
2	(6) BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P1A (16)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
3	(6) BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P1A (16)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
4	(6) BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P1A (16)	302.934997 Secs (302.935 Secs) [==>]	[1]	



Proposal 16276 - BOSS1542-P1B (17) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1542-P1B (17), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT -15D TO -10D FROM 16									
	(BOSS1542-P1B (17)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1542-P1B (17)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	BOSS1542-P1	RA: 15 42 38.7210 (235.6613375d) Dec: +39 00 49.07 (39.01363d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS				
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(6) BOSS1542-P1	(6) BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P1B (17)	302.934997 Secs (302.935 Secs) [==>]	[1]
	2	(6) BOSS1542-P1	(6) BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P1B (17)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	3	(6) BOSS1542-P1	(6) BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P1B (17)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	4	(6) BOSS1542-P1	(6) BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P1B (17)	302.934997 Secs (302.935 Secs) [==>]	[1]
Orbit Structure	Server Version: 20210514									

Proposal 16276 - BOSS1542-P1C (18) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

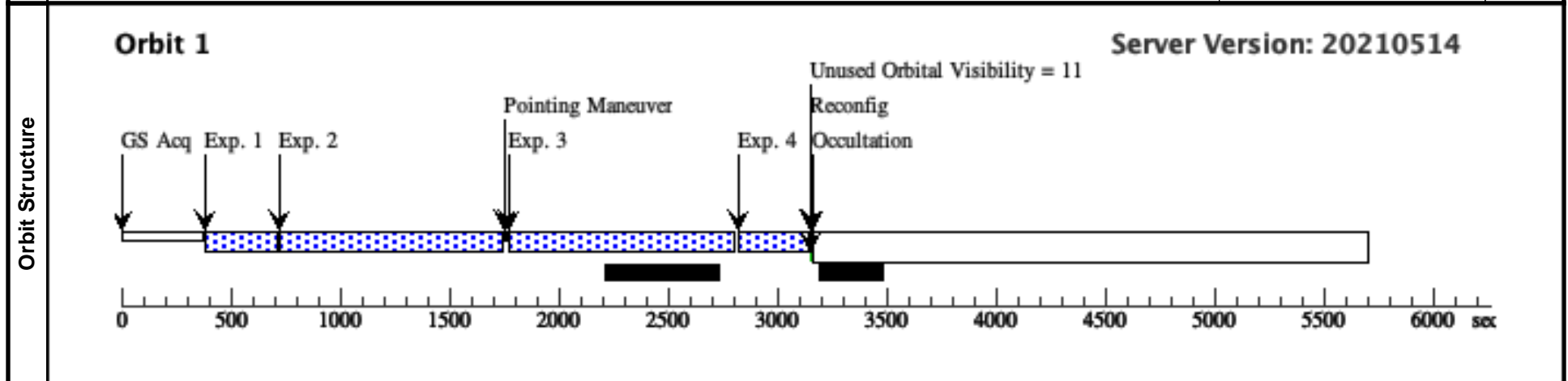
Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1542-P1C (18), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT 10D TO 15D FROM 16
	(BOSS1542-P1C (18)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1542-P1C (18)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>BOSS1542-P1</td> <td> RA: 15 42 38.7210 (235.6613375d) Dec: +39 00 49.07 (39.01363d) Equinox: J2000 </td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(6)	BOSS1542-P1	RA: 15 42 38.7210 (235.6613375d) Dec: +39 00 49.07 (39.01363d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(6)	BOSS1542-P1	RA: 15 42 38.7210 (235.6613375d) Dec: +39 00 49.07 (39.01363d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(6) BOSS1542-P1	BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P1C (18)	302.934997 Secs (302.935 Secs) [==>]	[1]
2	(6) BOSS1542-P1	BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P1C (18)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
3	(6) BOSS1542-P1	BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P1C (18)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
4	(6) BOSS1542-P1	BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P1C (18)	302.934997 Secs (302.935 Secs) [==>]	[1]

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>(6) BOSS1542-P1</td> <td>BOSS1542-P1</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>F125W</td> <td>NSAMP=7; SAMP-SEQ=SPAR S50</td> <td>POS TARG -2.034,-6.065</td> <td>Sequence 1-4 Non-Int in BOSS1542-P1C (18)</td> <td>302.934997 Secs (302.935 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(6) BOSS1542-P1</td> <td>BOSS1542-P1</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>G141</td> <td>NSAMP=11; SAMP-SEQ=SPAR S100</td> <td>SAME POS AS 1</td> <td>Sequence 1-4 Non-Int in BOSS1542-P1C (18)</td> <td>1002.935521 Secs (1002.936 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(6) BOSS1542-P1</td> <td>BOSS1542-P1</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>G141</td> <td>NSAMP=11; SAMP-SEQ=SPAR S100</td> <td>POS TARG -2.508,-5.277</td> <td>Sequence 1-4 Non-Int in BOSS1542-P1C (18)</td> <td>1002.935521 Secs (1002.936 Secs) [==>]</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	(6) BOSS1542-P1	BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P1C (18)	302.934997 Secs (302.935 Secs) [==>]	[1]	2	(6) BOSS1542-P1	BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P1C (18)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	3	(6) BOSS1542-P1	BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P1C (18)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																															
	1	(6) BOSS1542-P1	BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P1C (18)	302.934997 Secs (302.935 Secs) [==>]	[1]																															
	2	(6) BOSS1542-P1	BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P1C (18)	1002.935521 Secs (1002.936 Secs) [==>]	[1]																															
3	(6) BOSS1542-P1	BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P1C (18)	1002.935521 Secs (1002.936 Secs) [==>]	[1]																																
4	(6) BOSS1542-P1	BOSS1542-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P1C (18)	302.934997 Secs (302.935 Secs) [==>]	[1]																																



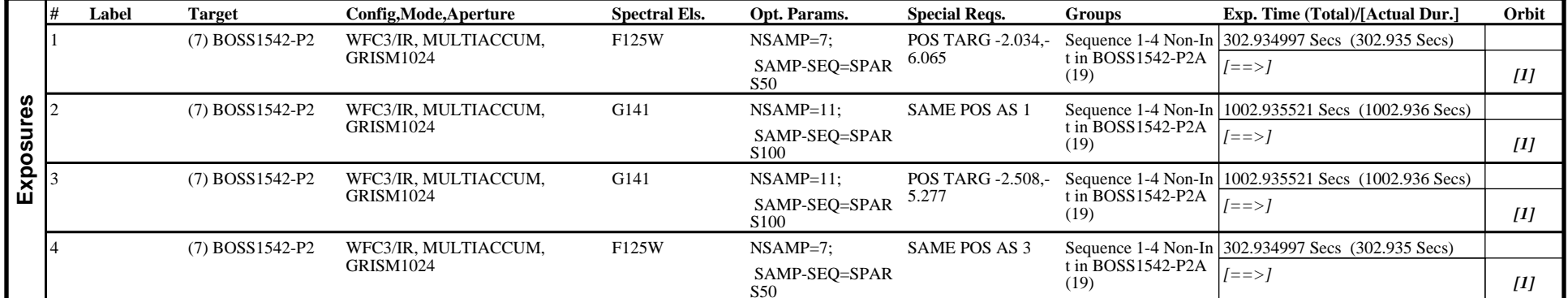
Proposal 16276 - BOSS1542-P2A (19) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	<p>Proposal 16276, BOSS1542-P2A (19), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 40%; ORIENT 50D TO 60 D</p> <p><i>Comments: PI prefers orient of 55</i></p>
	<p>(BOSS1542-P2A (19)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(BOSS1542-P2A (19)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p>

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>(7)</td> <td>BOSS1542-P2</td> <td>RA: 15 42 45.4490 (235.6893708d) Dec: +38 56 42.73 (38.94520d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(7)	BOSS1542-P2	RA: 15 42 45.4490 (235.6893708d) Dec: +38 56 42.73 (38.94520d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(7)	BOSS1542-P2	RA: 15 42 45.4490 (235.6893708d) Dec: +38 56 42.73 (38.94520d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(7) BOSS1542-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P2A (19)	302.934997 Secs (302.935 Secs) [==>]	[1]	
2	(7) BOSS1542-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P2A (19)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
3	(7) BOSS1542-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P2A (19)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
4	(7) BOSS1542-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P2A (19)	302.934997 Secs (302.935 Secs) [==>]	[1]	



Proposal 16276 - BOSS1542-P2B (20) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1542-P2B (20), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT -15D TO -10D FROM 19									
	(BOSS1542-P2B (20)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1542-P2B (20)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	BOSS1542-P2	RA: 15 42 45.4490 (235.6893708d) Dec: +38 56 42.73 (38.94520d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS				
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(7) BOSS1542-P2	(7) BOSS1542-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P2B (20)	302.934997 Secs (302.935 Secs) [==>]	[1]
	2	(7) BOSS1542-P2	(7) BOSS1542-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P2B (20)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	3	(7) BOSS1542-P2	(7) BOSS1542-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P2B (20)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	4	(7) BOSS1542-P2	(7) BOSS1542-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P2B (20)	302.934997 Secs (302.935 Secs) [==>]	[1]
Orbit Structure	Server Version: 20210514 Unused Orbital Visibility = 11									

Proposal 16276 - BOSS1542-P2C (21) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

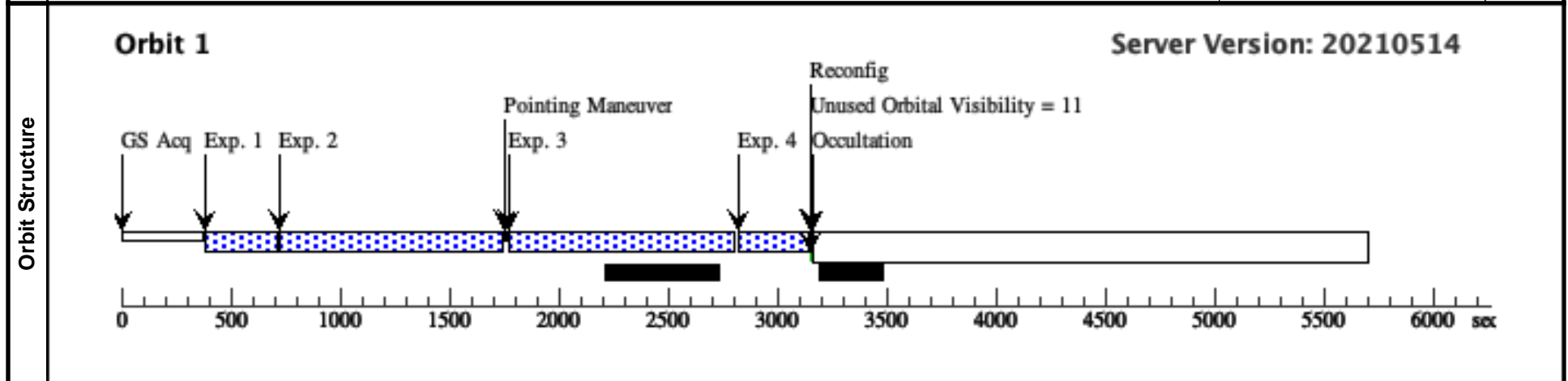
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Visit	Proposal 16276, BOSS1542-P2C (21), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT 10D TO 15D FROM 19
	(BOSS1542-P2C (21)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1542-P2C (21)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Diagnosics	(BOSS1542-P2C (21)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1542-P2C (21)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
	(BOSS1542-P2C (21)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(7)</td> <td>BOSS1542-P2</td> <td>RA: 15 42 45.4490 (235.6893708d) Dec: +38 56 42.73 (38.94520d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(7)	BOSS1542-P2	RA: 15 42 45.4490 (235.6893708d) Dec: +38 56 42.73 (38.94520d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(7)	BOSS1542-P2	RA: 15 42 45.4490 (235.6893708d) Dec: +38 56 42.73 (38.94520d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(7) BOSS1542-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P2C (21)	302.934997 Secs (302.935 Secs) [==>]	[1]	
2	(7) BOSS1542-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P2C (21)	1002.935521 Secs (1002.936 Secs) [==>]	[1]		
3	(7) BOSS1542-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P2C (21)	1002.935521 Secs (1002.936 Secs) [==>]	[1]		
4	(7) BOSS1542-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P2C (21)	302.934997 Secs (302.935 Secs) [==>]	[1]		



Proposal 16276 - BOSS1542-P3A (22) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

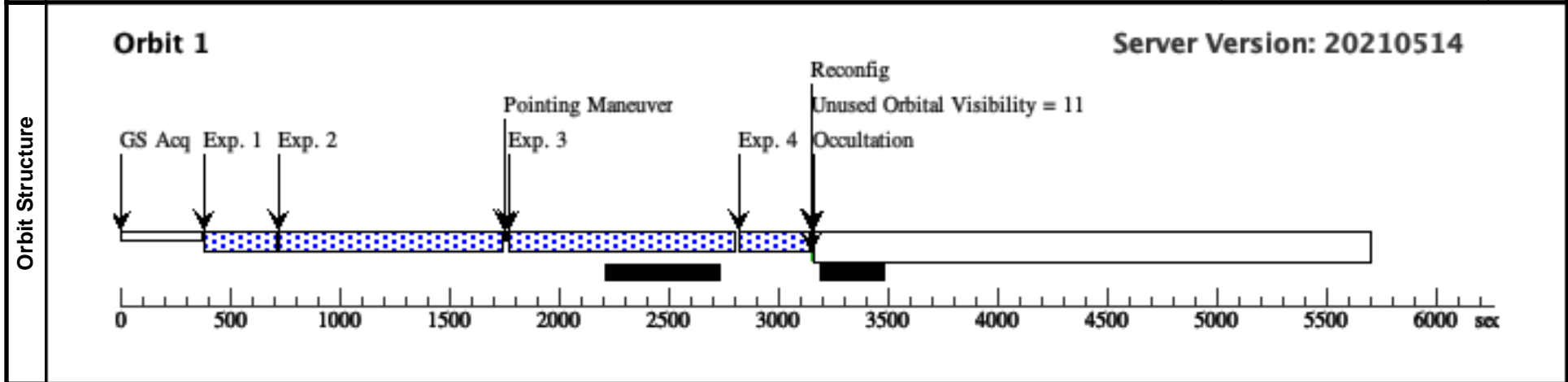
Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1542-P3A (22), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT 230D TO 240 D <i>Comments: PI prefers orient of 55</i>
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Diagnostics	(BOSS1542-P3A (22)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
	(BOSS1542-P3A (22)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(8)</td> <td>BOSS1542-P3</td> <td>RA: 15 42 47.9900 (235.6999583d) Dec: +38 54 9.09 (38.90252d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(8)	BOSS1542-P3	RA: 15 42 47.9900 (235.6999583d) Dec: +38 54 9.09 (38.90252d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(8)	BOSS1542-P3	RA: 15 42 47.9900 (235.6999583d) Dec: +38 54 9.09 (38.90252d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(8) BOSS1542-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P3A (22)	302.934997 Secs (302.935 Secs) [==>]	[1]
2		(8) BOSS1542-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P3A (22)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
3		(8) BOSS1542-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P3A (22)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
4		(8) BOSS1542-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P3A (22)	302.934997 Secs (302.935 Secs) [==>]	[1]	



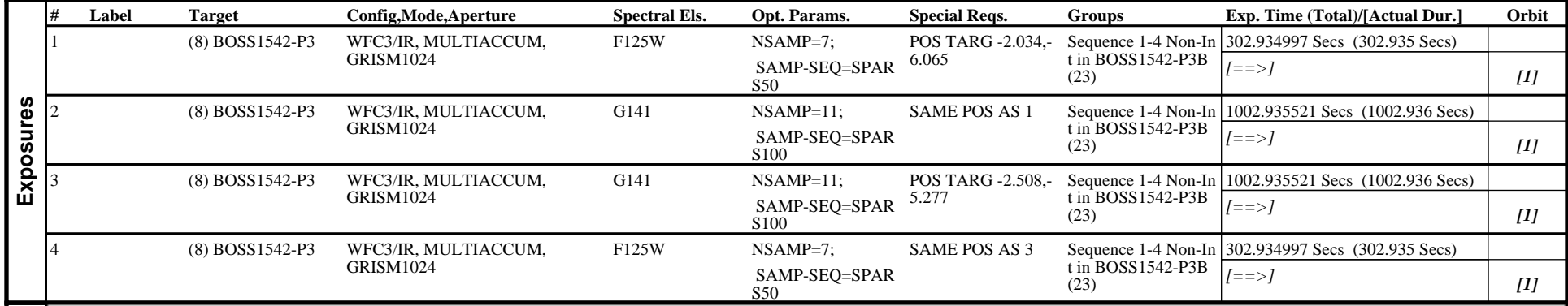
Proposal 16276 - BOSS1542-P3B (23) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1542-P3B (23), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT -15D TO -10D FROM 22
	(BOSS1542-P3B (23)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1542-P3B (23)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (8) BOSS1542-P3 RA: 15 42 47.9900 (235.6999583d) Dec: +38 54 9.09 (38.90252d) Equinox: J2000 Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]
	# Label Target Config,Mode,Aperture Spectral Els. Opt. Params. Special Reqs. Groups Exp. Time (Total)/[Actual Dur.] Orbit

Exposures	1	(8) BOSS1542-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P3B (23)	302.934997 Secs (302.935 Secs) [==>]	[1]
	2	(8) BOSS1542-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P3B (23)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	3	(8) BOSS1542-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P3B (23)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	4	(8) BOSS1542-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P3B (23)	302.934997 Secs (302.935 Secs) [==>]	[1]



Proposal 16276 - BOSS1542-P3C (24) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

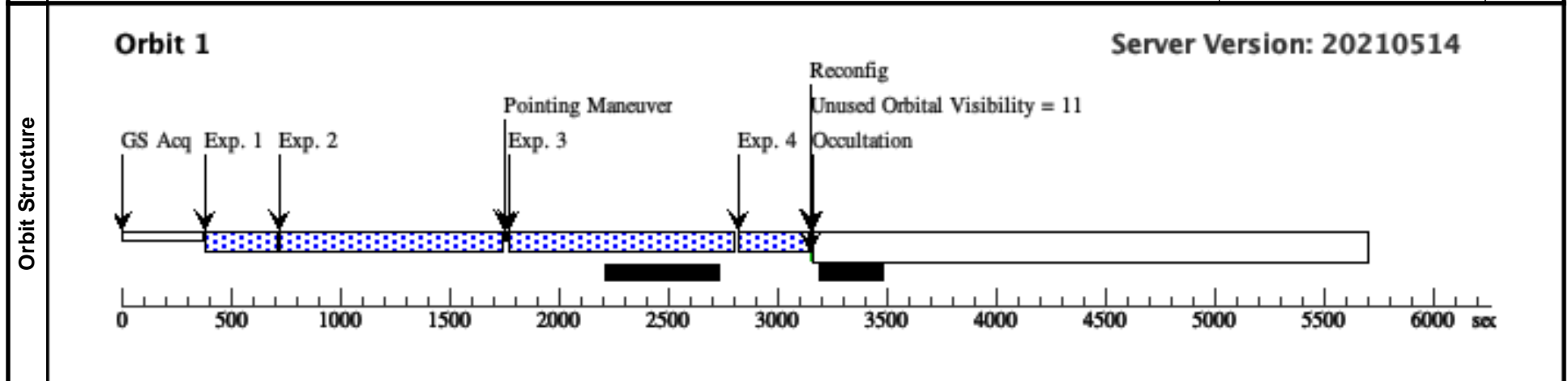
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Visit	Proposal 16276, BOSS1542-P3C (24), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT 10D TO 15D FROM 22
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Diagnostics	(BOSS1542-P3C (24)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
	(BOSS1542-P3C (24)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(8)</td> <td>BOSS1542-P3</td> <td>RA: 15 42 47.9900 (235.6999583d) Dec: +38 54 9.09 (38.90252d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(8)	BOSS1542-P3	RA: 15 42 47.9900 (235.6999583d) Dec: +38 54 9.09 (38.90252d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(8)	BOSS1542-P3	RA: 15 42 47.9900 (235.6999583d) Dec: +38 54 9.09 (38.90252d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(8) BOSS1542-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P3C (24)	302.934997 Secs (302.935 Secs)	[==>]	[1]
2	(8) BOSS1542-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P3C (24)	1002.935521 Secs (1002.936 Secs)	[==>]	[1]	
3	(8) BOSS1542-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P3C (24)	1002.935521 Secs (1002.936 Secs)	[==>]	[1]	
4	(8) BOSS1542-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P3C (24)	302.934997 Secs (302.935 Secs)	[==>]	[1]	



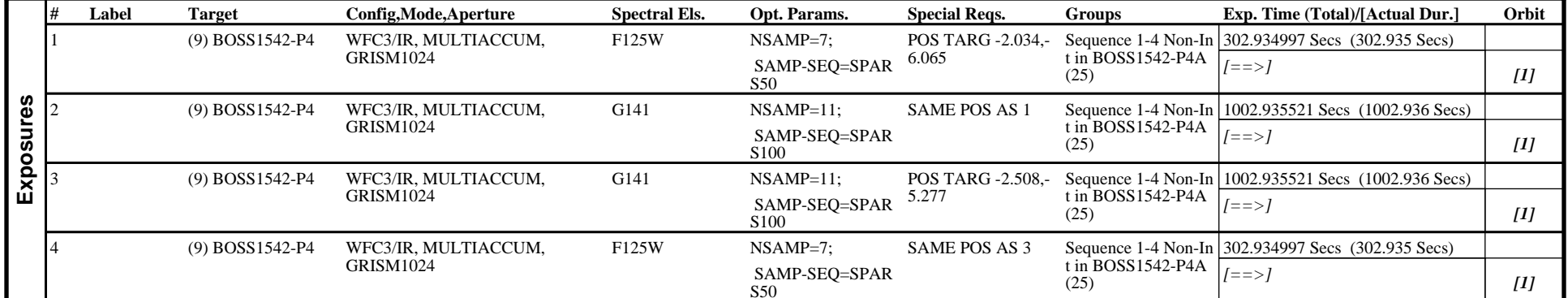
Proposal 16276 - BOSS1542-P4A (25) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1542-P4A (25), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT 230D TO 240 D <i>Comments: PI prefers orient of 235</i>
	(BOSS1542-P4A (25)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1542-P4A (25)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(9)</td> <td>BOSS1542-P4</td> <td>RA: 15 42 53.0720 (235.7211333d) Dec: +38 52 9.08 (38.86919d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(9)	BOSS1542-P4	RA: 15 42 53.0720 (235.7211333d) Dec: +38 52 9.08 (38.86919d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(9)	BOSS1542-P4	RA: 15 42 53.0720 (235.7211333d) Dec: +38 52 9.08 (38.86919d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(9) BOSS1542-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P4A (25)	302.934997 Secs (302.935 Secs) [==>]	[1]	
2	(9) BOSS1542-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P4A (25)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
3	(9) BOSS1542-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P4A (25)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
4	(9) BOSS1542-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P4A (25)	302.934997 Secs (302.935 Secs) [==>]	[1]	



Proposal 16276 - BOSS1542-P4B (26) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

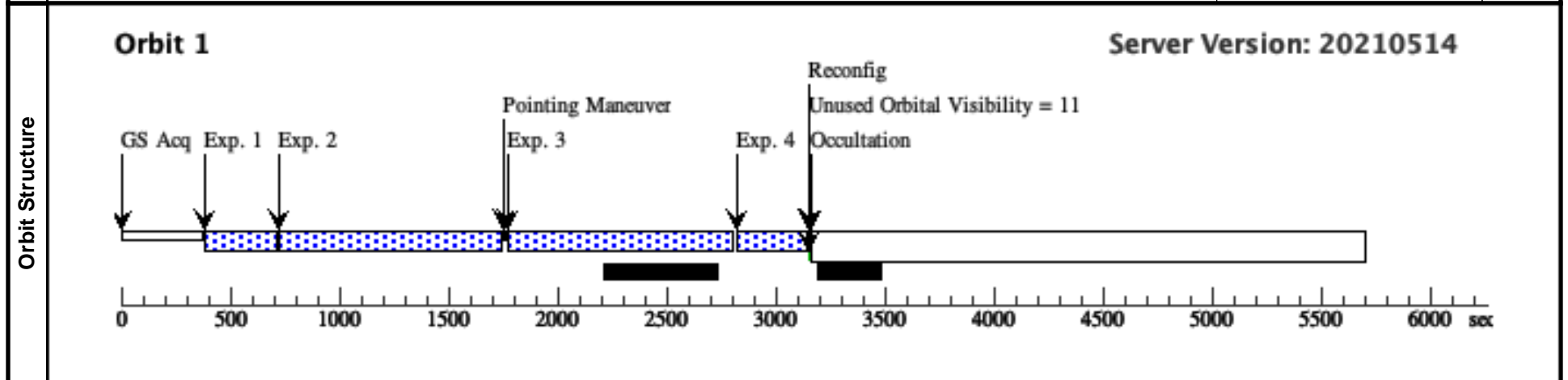
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Visit	Proposal 16276, BOSS1542-P4B (26), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT -15D TO -10D FROM 25
	(BOSS1542-P4B (26)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1542-P4B (26)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Diagnosics	(BOSS1542-P4B (26)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1542-P4B (26)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
	(BOSS1542-P4B (26)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1542-P4B (26)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(9)</td> <td>BOSS1542-P4</td> <td>RA: 15 42 53.0720 (235.7211333d) Dec: +38 52 9.08 (38.86919d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(9)	BOSS1542-P4	RA: 15 42 53.0720 (235.7211333d) Dec: +38 52 9.08 (38.86919d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(9)	BOSS1542-P4	RA: 15 42 53.0720 (235.7211333d) Dec: +38 52 9.08 (38.86919d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(9) BOSS1542-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P4B (26)	302.934997 Secs (302.935 Secs) [==>]	[1]	
2	(9) BOSS1542-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P4B (26)	1002.935521 Secs (1002.936 Secs) [==>]	[1]		
3	(9) BOSS1542-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P4B (26)	1002.935521 Secs (1002.936 Secs) [==>]	[1]		
4	(9) BOSS1542-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P4B (26)	302.934997 Secs (302.935 Secs) [==>]	[1]		



Proposal 16276 - BOSS1542-P4C (27) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1542-P4C (27), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT 10D TO 15D FROM 25									
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	BOSS1542-P4	RA: 15 42 53.0720 (235.7211333d) Dec: +38 52 9.08 (38.86919d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS				
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(9) BOSS1542-P4	(9) BOSS1542-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7;	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P4C (27)	302.934997 Secs (302.935 Secs) [==>]	[1]
	2	(9) BOSS1542-P4	(9) BOSS1542-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11;	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P4C (27)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	3	(9) BOSS1542-P4	(9) BOSS1542-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11;	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P4C (27)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	4	(9) BOSS1542-P4	(9) BOSS1542-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7;	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P4C (27)	302.934997 Secs (302.935 Secs) [==>]	[1]
Orbit Structure	Server Version: 20210514 Unused Orbital Visibility = 11									

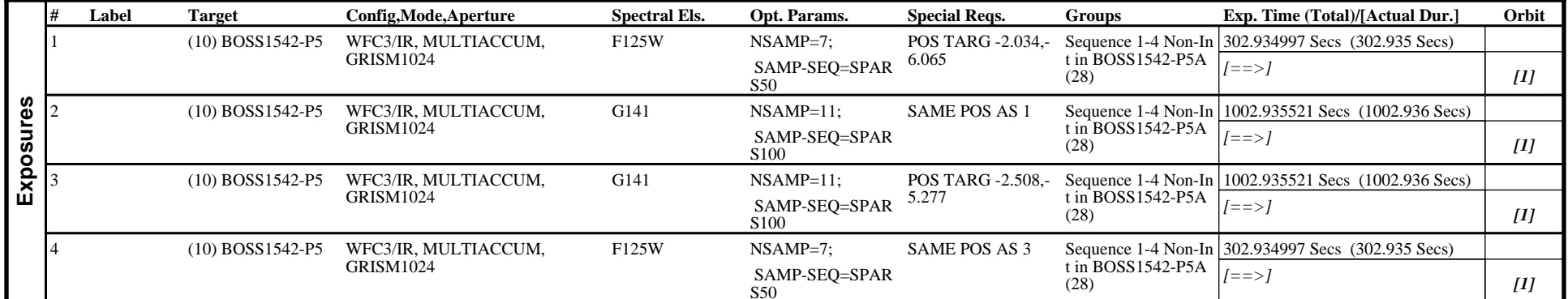
Proposal 16276 - BOSS1542-P5A (28) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1542-P5A (28), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT 205D TO 212 D <i>Comments: PI prefers orient of 212</i>
	(BOSS1542-P5A (28)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1542-P5A (28)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(10)</td> <td>BOSS1542-P5</td> <td>RA: 15 42 54.5183 (235.7271596d) Dec: +38 49 48.95 (38.83026d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(10)	BOSS1542-P5	RA: 15 42 54.5183 (235.7271596d) Dec: +38 49 48.95 (38.83026d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(10)	BOSS1542-P5	RA: 15 42 54.5183 (235.7271596d) Dec: +38 49 48.95 (38.83026d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(10) BOSS1542-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P5A (28)	302.934997 Secs (302.935 Secs) [==>]	[1]	
2	(10) BOSS1542-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P5A (28)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
3	(10) BOSS1542-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P5A (28)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
4	(10) BOSS1542-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P5A (28)	302.934997 Secs (302.935 Secs) [==>]	[1]	



Proposal 16276 - BOSS1542-P5B (29) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1542-P5B (29), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT -15D TO -10D FROM 28									
	(BOSS1542-P5B (29)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1542-P5B (29)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	BOSS1542-P5	RA: 15 42 54.5183 (235.7271596d) Dec: +38 49 48.95 (38.83026d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS				
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(10) BOSS1542-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P5B (29)	302.934997 Secs (302.935 Secs)	[==>]	[1]
	2	(10) BOSS1542-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P5B (29)	1002.935521 Secs (1002.936 Secs)	[==>]	[1]
	3	(10) BOSS1542-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P5B (29)	1002.935521 Secs (1002.936 Secs)	[==>]	[1]
	4	(10) BOSS1542-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P5B (29)	302.934997 Secs (302.935 Secs)	[==>]	[1]
Orbit Structure	Orbit 1 Server Version: 20210514									

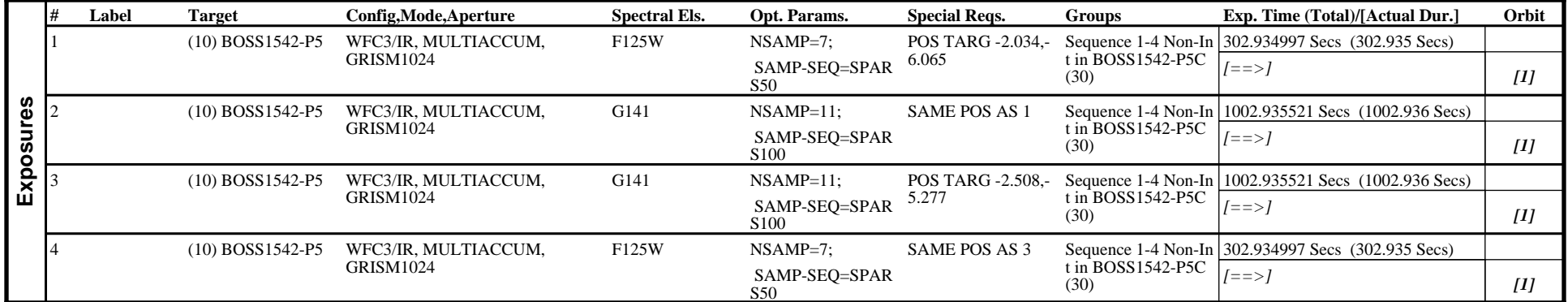
Proposal 16276 - BOSS1542-P5C (30) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1542-P5C (30), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; ORIENT 10D TO 15D FROM 28
	(BOSS1542-P5C (30)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1542-P5C (30)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(10)</td> <td>BOSS1542-P5</td> <td>RA: 15 42 54.5183 (235.7271596d) Dec: +38 49 48.95 (38.83026d) Equinox: J2000</td> <td></td> <td>V=24.00+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(10)	BOSS1542-P5	RA: 15 42 54.5183 (235.7271596d) Dec: +38 49 48.95 (38.83026d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(10)	BOSS1542-P5	RA: 15 42 54.5183 (235.7271596d) Dec: +38 49 48.95 (38.83026d) Equinox: J2000		V=24.00+/-0.05	Reference Frame: ICRS								
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(10) BOSS1542-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1542-P5C (30)	302.934997 Secs (302.935 Secs) [==>]	[1]	
2	(10) BOSS1542-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1542-P5C (30)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
3	(10) BOSS1542-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1542-P5C (30)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
4	(10) BOSS1542-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1542-P5C (30)	302.934997 Secs (302.935 Secs) [==>]	[1]	



Proposal 16276 - BOSS1441-P1a (31) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

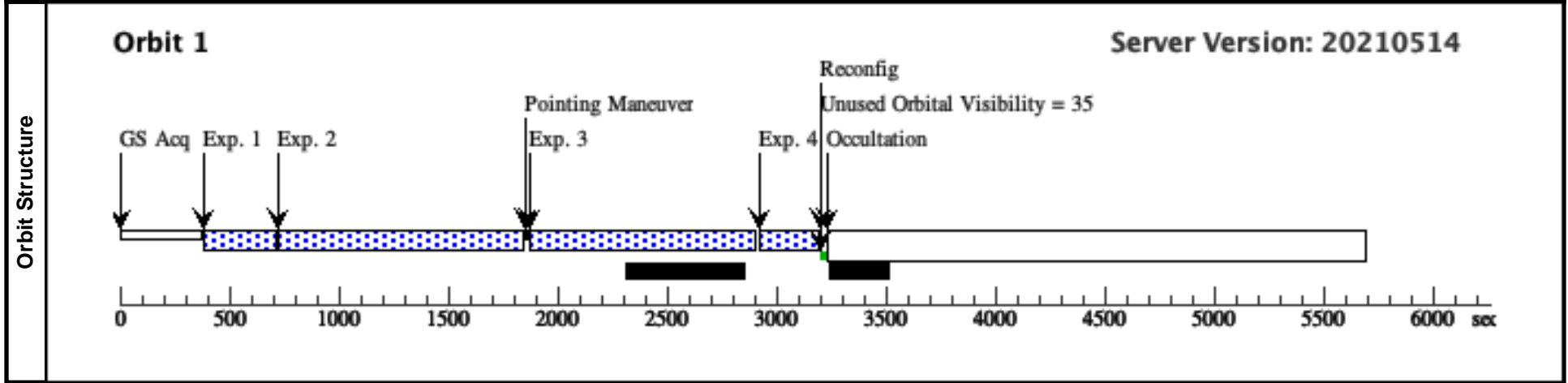
Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1441-P1a (31), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 231D TO 231 D
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Diagnostics	(BOSS1441-P1a (31)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
	(BOSS1441-P1a (31)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(11)</td> <td>BOSS1441-P1</td> <td>RA: 14 41 32.4179 (220.3850746d) Dec: +40 05 58.21 (40.09950d) Equinox: J2000</td> <td></td> <td>V=24.2+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(11)	BOSS1441-P1	RA: 14 41 32.4179 (220.3850746d) Dec: +40 05 58.21 (40.09950d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(11)	BOSS1441-P1	RA: 14 41 32.4179 (220.3850746d) Dec: +40 05 58.21 (40.09950d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS								
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(11) BOSS1441-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P1a (31)	302.934997 Secs (302.935 Secs)	[==>]	[1]
2	(11) BOSS1441-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P1a (31)	1102.935844 Secs (1102.936 Secs)	[==>]	[1]	
3	(11) BOSS1441-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P1a (31)	1002.935521 Secs (1002.936 Secs)	[==>]	[1]	
4	(11) BOSS1441-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=6; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P1a (31)	252.934546 Secs (252.935 Secs)	[==>]	[1]	



Proposal 16276 - BOSS1441-P1b (32) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1441-P1b (32), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT -15D TO -10D FROM 31									
	(BOSS1441-P1b (32)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P1b (32)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	BOSS1441-P1	RA: 14 41 32.4179 (220.3850746d) Dec: +40 05 58.21 (40.09950d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS				
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(11) BOSS1441-P1	(11) BOSS1441-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P1b (32)	352.935448 Secs (352.935 Secs) [==>]	[1]
	2	(11) BOSS1441-P1	(11) BOSS1441-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P1b (32)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	3	(11) BOSS1441-P1	(11) BOSS1441-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P1b (32)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	4	(11) BOSS1441-P1	(11) BOSS1441-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P1b (32)	302.934997 Secs (302.935 Secs) [==>]	[1]
Orbit Structure	Orbit 1 Server Version: 20210514									

Proposal 16276 - BOSS1441-P1c (33) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1441-P1c (33), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT -15D TO -10D FROM 32									
	(BOSS1441-P1c (33)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P1c (33)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	BOSS1441-P1	RA: 14 41 32.4179 (220.3850746d) Dec: +40 05 58.21 (40.09950d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS				
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(11) BOSS1441-P1	(11) BOSS1441-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P1c (33)	352.935448 Secs (352.935 Secs) [==>]	[1]
	2	(11) BOSS1441-P1	(11) BOSS1441-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P1c (33)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	3	(11) BOSS1441-P1	(11) BOSS1441-P1	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P1c (33)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	4	(11) BOSS1441-P1	(11) BOSS1441-P1	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P1c (33)	302.934997 Secs (302.935 Secs) [==>]	[1]
Orbit Structure	Server Version: 20210514									
	<p>Orbit Structure diagram showing a timeline from 0 to 6000 seconds. Key events include GS Acq at ~100s, Exp. 1 at ~400s, Exp. 2 at ~700s, Pointing Maneuver at ~1800s, Exp. 3 at ~1900s, Exp. 4 at ~2900s, Reconfig at ~3200s, and Occultation at ~3300s. A shaded region from ~400s to ~3200s indicates the observation period. A note states 'Unused Orbital Visibility = 35'.</p>									

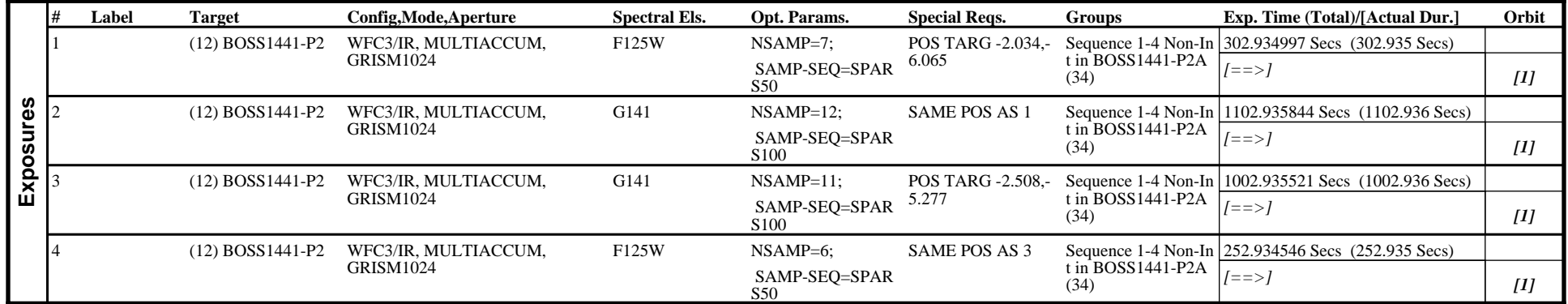
Proposal 16276 - BOSS1441-P2A (34) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	<p>Proposal 16276, BOSS1441-P2A (34), withdrawn</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: ORIENT 283D TO 283 D</p> <p><i>Comments: PI prefers orient of 78</i></p> <p><i>** Reworked to use orient 283 **</i></p>
	<p>(BOSS1441-P2A (34)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(BOSS1441-P2A (34)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p>

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>(12)</td> <td>BOSS1441-P2</td> <td>RA: 14 41 39.4250 (220.4142708d) Dec: +40 03 6.99 (40.05194d) Equinox: J2000</td> <td></td> <td>V=24.2+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(12)	BOSS1441-P2	RA: 14 41 39.4250 (220.4142708d) Dec: +40 03 6.99 (40.05194d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(12)	BOSS1441-P2	RA: 14 41 39.4250 (220.4142708d) Dec: +40 03 6.99 (40.05194d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS								

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P2A (34)	302.934997 Secs (302.935 Secs) [==>]	[1]	
2	(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P2A (34)	1102.935844 Secs (1102.936 Secs) [==>]	[1]	
3	(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P2A (34)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
4	(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=6; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P2A (34)	252.934546 Secs (252.935 Secs) [==>]	[1]	



Proposal 16276 - BOSS1441-P2A (84) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

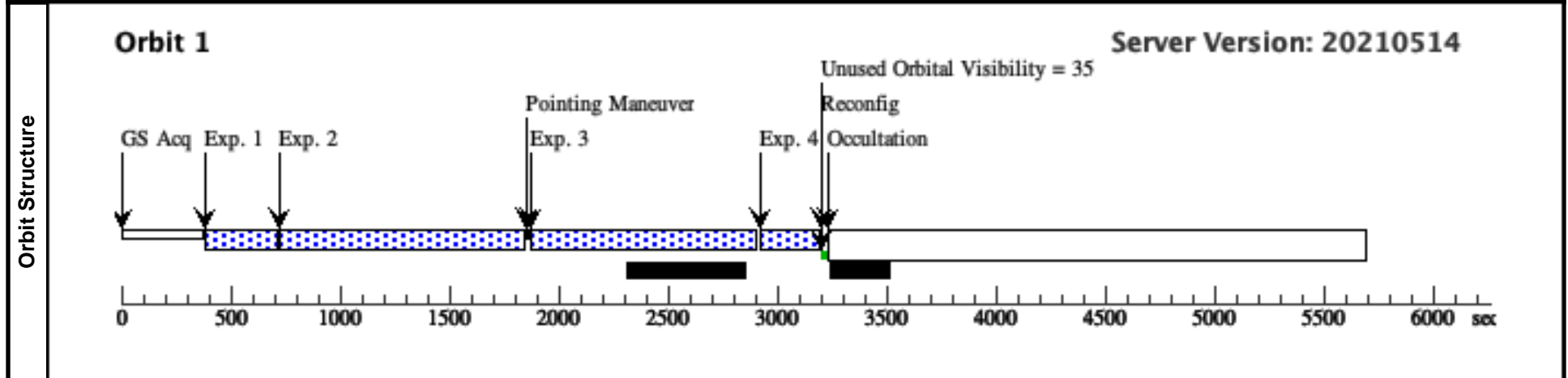
Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1441-P2A (84), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 283D TO 283 D <i>Comments: PI prefers orient of 78</i> <i>** Reworked to use orient 283 **</i> <i>Duplicate of withdrawn visit 34</i>
	(BOSS1441-P2A (84)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P2A (84)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Diagnosics	(BOSS1441-P2A (84)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P2A (84)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
	(BOSS1441-P2A (84)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P2A (84)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(12)</td> <td>BOSS1441-P2</td> <td>RA: 14 41 39.4250 (220.4142708d) Dec: +40 03 6.99 (40.05194d) Equinox: J2000</td> <td></td> <td>V=24.2+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(12)	BOSS1441-P2	RA: 14 41 39.4250 (220.4142708d) Dec: +40 03 6.99 (40.05194d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(12)	BOSS1441-P2	RA: 14 41 39.4250 (220.4142708d) Dec: +40 03 6.99 (40.05194d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS								
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P2A (84)	302.934997 Secs (302.935 Secs) [==>]	[1]
2		(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P2A (84)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
3		(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P2A (84)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
4		(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=6; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P2A (84)	252.934546 Secs (252.935 Secs) [==>]	[1]



Proposal 16276 - BOSS1441-P2B (35) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

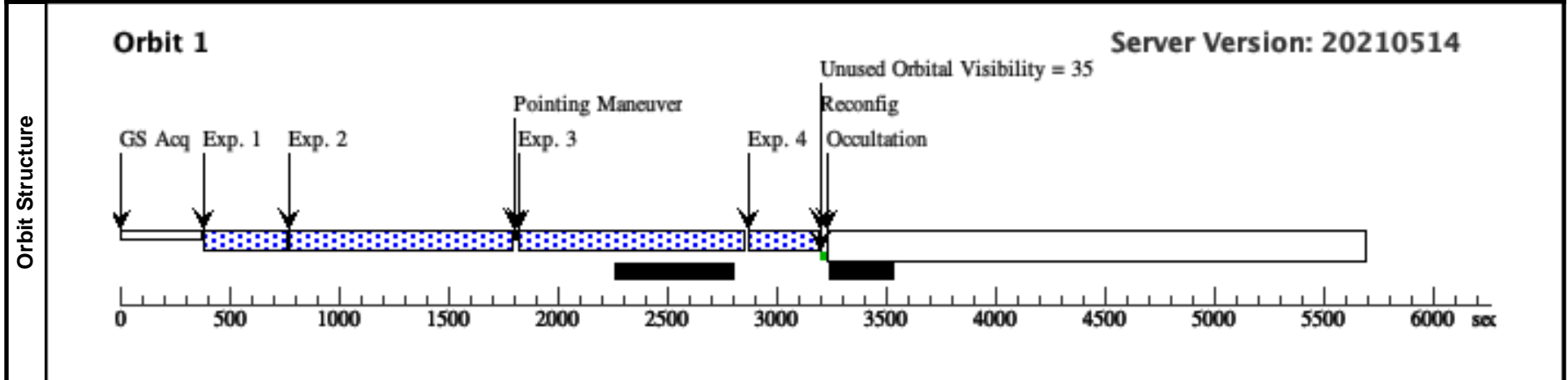
Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1441-P2B (35), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 296D TO 296 D
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Diagnostics	(BOSS1441-P2B (35)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
	(BOSS1441-P2B (35)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(12)</td> <td>BOSS1441-P2</td> <td>RA: 14 41 39.4250 (220.4142708d) Dec: +40 03 6.99 (40.05194d) Equinox: J2000</td> <td></td> <td>V=24.2+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(12)	BOSS1441-P2	RA: 14 41 39.4250 (220.4142708d) Dec: +40 03 6.99 (40.05194d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(12)	BOSS1441-P2	RA: 14 41 39.4250 (220.4142708d) Dec: +40 03 6.99 (40.05194d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS								
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P2B (35)	352.935448 Secs (352.935 Secs)	[==>]	[1]
2	(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P2B (35)	1002.935521 Secs (1002.936 Secs)	[==>]	[1]	
3	(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P2B (35)	1002.935521 Secs (1002.936 Secs)	[==>]	[1]	
4	(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P2B (35)	302.934997 Secs (302.935 Secs)	[==>]	[1]	



Proposal 16276 - BOSS1441-P2C (36) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1441-P2C (36), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 10D TO 15D FROM 34									
	(BOSS1441-P2C (36)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P2C (36)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(12)	BOSS1441-P2	RA: 14 41 39.4250 (220.4142708d) Dec: +40 03 6.99 (40.05194d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS				
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P2C (36)	352.935448 Secs (352.935 Secs) [==>]	[1]	
	2	(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P2C (36)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
	3	(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P2C (36)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
	4	(12) BOSS1441-P2	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P2C (36)	302.934997 Secs (302.935 Secs) [==>]	[1]	
Orbit Structure	Server Version: 20210514									
	<p>The diagram illustrates the orbit structure over a 6000-second period. It shows the timing of various activities: GS Acq (Ground Station Acquisition) at approximately 100 seconds, followed by exposures Exp. 1, 2, 3, and 4. A pointing maneuver occurs at 1800 seconds. A reconfiguration event happens at 3200 seconds, followed by an occultation at 3300 seconds. A shaded area from 400 to 3200 seconds represents 'Unused Orbital Visibility = 35'.</p>									

Proposal 16276 - BOSS1441-P3a (37) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

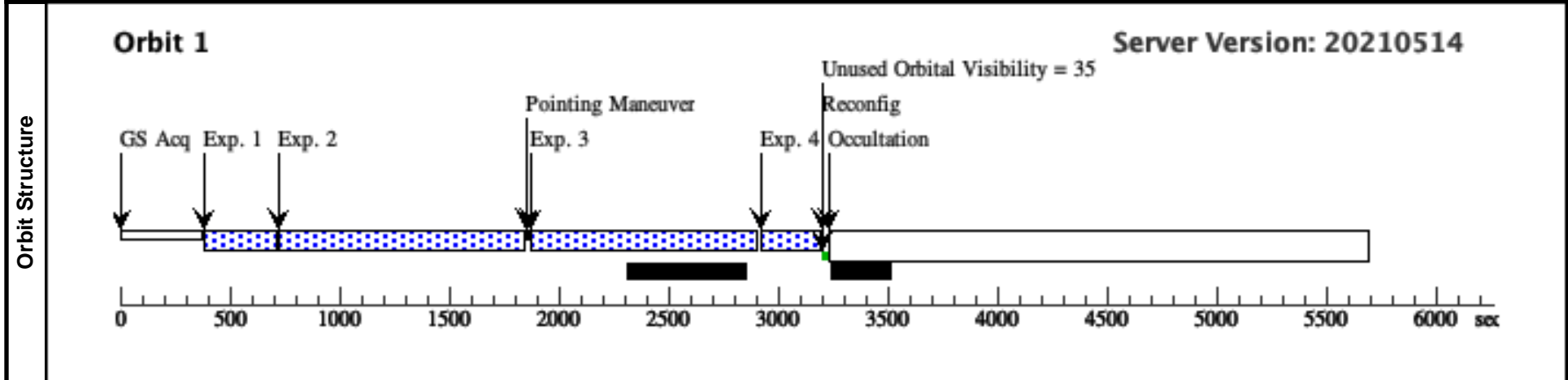
Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1441-P3a (37), scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 7D TO 7 D
	(BOSS1441-P3a (37)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P3a (37)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Diagnostics	(BOSS1441-P3a (37)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P3a (37)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
	(BOSS1441-P3a (37)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P3a (37)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(13)</td> <td>BOSS1441-P3</td> <td>RA: 14 41 40.5579 (220.4189913d) Dec: +40 00 28.12 (40.00781d) Equinox: J2000</td> <td></td> <td>V=24.2+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(13)	BOSS1441-P3	RA: 14 41 40.5579 (220.4189913d) Dec: +40 00 28.12 (40.00781d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(13)	BOSS1441-P3	RA: 14 41 40.5579 (220.4189913d) Dec: +40 00 28.12 (40.00781d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS								
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(13) BOSS1441-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P3a (37)	[==>]	302.934997 Secs (302.935 Secs)	[1]
2	(13) BOSS1441-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P3a (37)	[==>]	1102.935844 Secs (1102.936 Secs)	[1]	
3	(13) BOSS1441-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P3a (37)	[==>]	1002.935521 Secs (1002.936 Secs)	[1]	
4	(13) BOSS1441-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=6; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P3a (37)	[==>]	252.934546 Secs (252.935 Secs)	[1]	



Proposal 16276 - BOSS1441-P3b (38) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

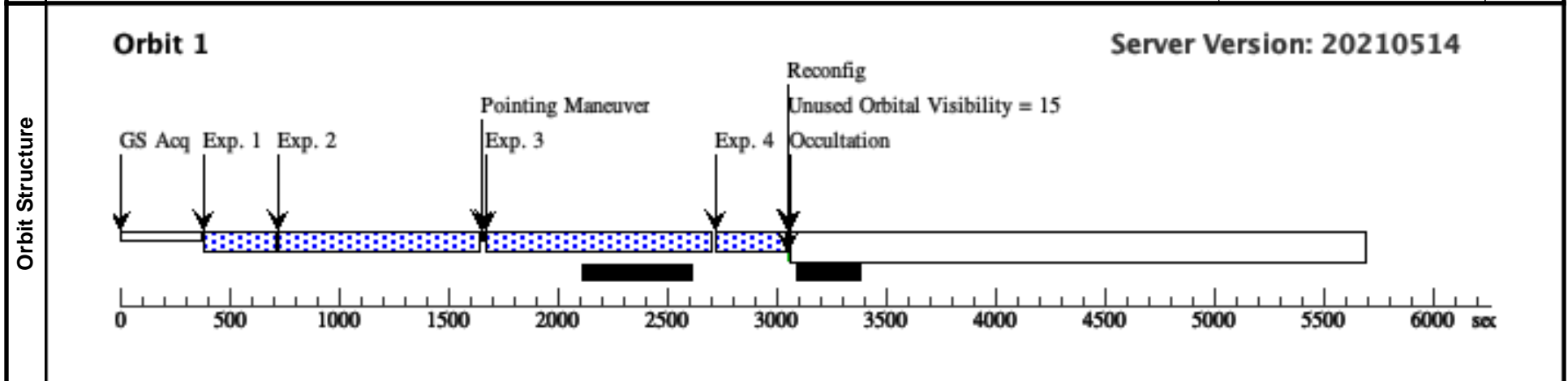
Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1441-P3b (38), scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 70%; ORIENT 357D TO 357 D
	(BOSS1441-P3b (38)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P3b (38)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Diagnostics	(BOSS1441-P3b (38)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P3b (38)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
	(BOSS1441-P3b (38)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P3b (38)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(13)</td> <td>BOSS1441-P3</td> <td>RA: 14 41 40.5579 (220.4189913d) Dec: +40 00 28.12 (40.00781d) Equinox: J2000</td> <td></td> <td>V=24.2+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(13)	BOSS1441-P3	RA: 14 41 40.5579 (220.4189913d) Dec: +40 00 28.12 (40.00781d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(13)	BOSS1441-P3	RA: 14 41 40.5579 (220.4189913d) Dec: +40 00 28.12 (40.00781d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS								
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(13) BOSS1441-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P3b (38)	302.934997 Secs (302.935 Secs)	[==>]	[1]
2	(13) BOSS1441-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P3b (38)	902.935198 Secs (902.935 Secs)	[==>]	[1]	
3	(13) BOSS1441-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P3b (38)	1002.935521 Secs (1002.936 Secs)	[==>]	[1]	
4	(13) BOSS1441-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P3b (38)	302.934997 Secs (302.935 Secs)	[==>]	[1]	



Proposal 16276 - BOSS1441-P3c (39) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

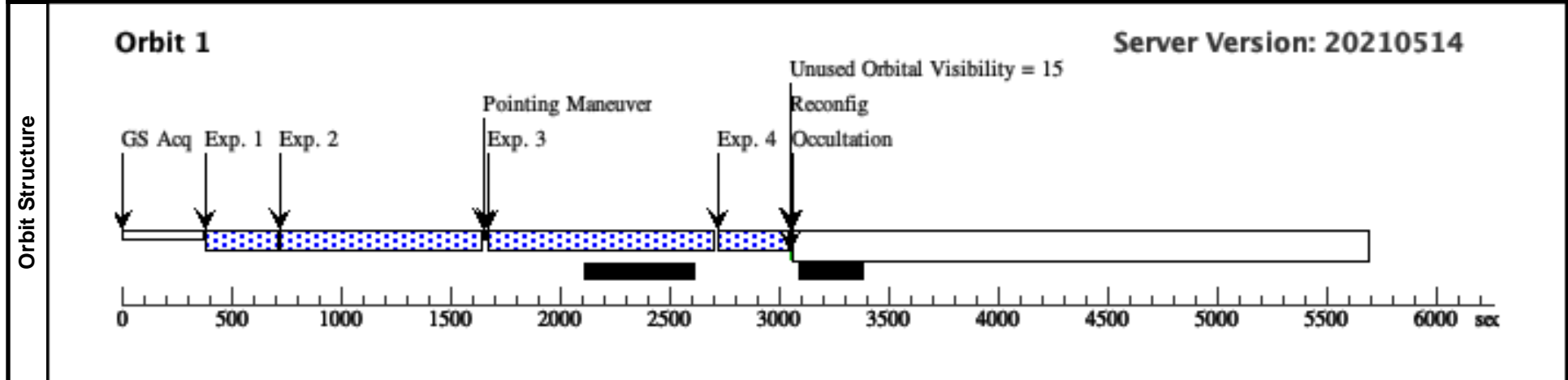
Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1441-P3c (39), scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 70%; ORIENT 347D TO 347.1 D
	(BOSS1441-P3c (39)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P3c (39)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Diagnosics	(BOSS1441-P3c (39)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P3c (39)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
	(BOSS1441-P3c (39)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P3c (39)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(13)</td> <td>BOSS1441-P3</td> <td>RA: 14 41 40.5579 (220.4189913d) Dec: +40 00 28.12 (40.00781d) Equinox: J2000</td> <td></td> <td>V=24.2+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(13)	BOSS1441-P3	RA: 14 41 40.5579 (220.4189913d) Dec: +40 00 28.12 (40.00781d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(13)	BOSS1441-P3	RA: 14 41 40.5579 (220.4189913d) Dec: +40 00 28.12 (40.00781d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS								
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(13) BOSS1441-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P3c (39)	302.934997 Secs (302.935 Secs) [==>]	[1]
2		(13) BOSS1441-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P3c (39)	902.935198 Secs (902.935 Secs) [==>]	[1]
3		(13) BOSS1441-P3	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P3c (39)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
4		(13) BOSS1441-P3	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P3c (39)	302.934997 Secs (302.935 Secs) [==>]	[1]



Proposal 16276 - BOSS1441-P4a (40) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

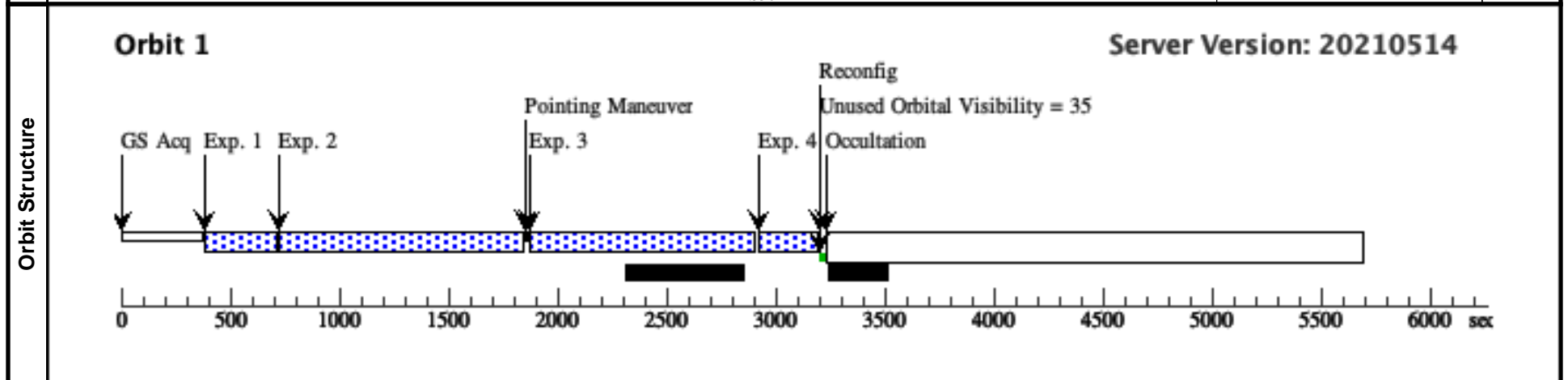
Tue Nov 02 15:00:48 GMT 2021

Visit	<p>Proposal 16276, BOSS1441-P4a (40), failed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: ORIENT 5D TO 15 D</p> <p><i>Comments: PI prefers orient as large as possible within the specified range</i></p>
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Diagnostics	<p>(BOSS1441-P4a (40)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(BOSS1441-P4a (40)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p>
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Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(14)</td> <td>BOSS1441-P4</td> <td>RA: 14 41 30.1720 (220.3757167d) Dec: +40 01 7.60 (40.01878d) Equinox: J2000</td> <td></td> <td>V=24.2+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(14)	BOSS1441-P4	RA: 14 41 30.1720 (220.3757167d) Dec: +40 01 7.60 (40.01878d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(14)	BOSS1441-P4	RA: 14 41 30.1720 (220.3757167d) Dec: +40 01 7.60 (40.01878d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS								

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P4a (40)	302.934997 Secs (302.935 Secs) [==>]	[1]	
2	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P4a (40)	1102.935844 Secs (1102.936 Secs) [==>]	[1]	
3	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P4a (40)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
4	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=6; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P4a (40)	252.934546 Secs (252.935 Secs) [==>]	[1]	



Proposal 16276 - BOSS1441-P4a (90) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

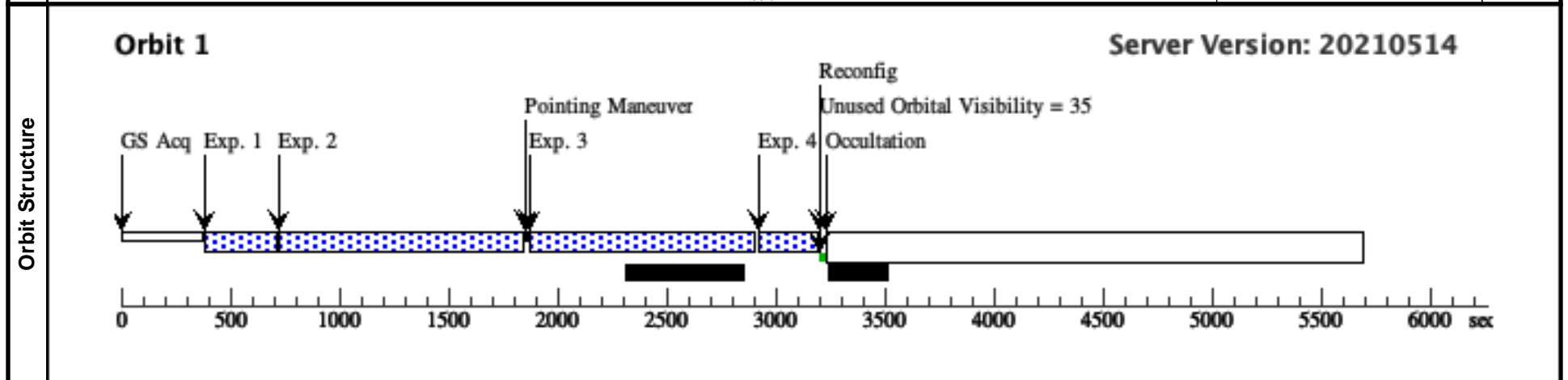
Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1441-P4a (90) Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 5D TO 15 D <i>Comments: PI prefers orient as large as possible within the specified range</i>
	(BOSS1441-P4a (90)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P4a (90)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Diagnosics	(BOSS1441-P4a (90)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P4a (90)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
	(BOSS1441-P4a (90)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(14)</td> <td>BOSS1441-P4</td> <td>RA: 14 41 30.1720 (220.3757167d) Dec: +40 01 7.60 (40.01878d) Equinox: J2000</td> <td></td> <td>V=24.2+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(14)	BOSS1441-P4	RA: 14 41 30.1720 (220.3757167d) Dec: +40 01 7.60 (40.01878d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(14)	BOSS1441-P4	RA: 14 41 30.1720 (220.3757167d) Dec: +40 01 7.60 (40.01878d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS								
<i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P4a (90)	302.934997 Secs (302.935 Secs) [==>]	[1]	
2	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P4a (90)	1102.935844 Secs (1102.936 Secs) [==>]	[1]	
3	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P4a (90)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
4	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=6; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P4a (90)	252.934546 Secs (252.935 Secs) [==>]	[1]	



Proposal 16276 - BOSS1441-P4b (41) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:48 GMT 2021

Visit	Proposal 16276, BOSS1441-P4b (41), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT -15D TO -10D FROM 40									
	(BOSS1441-P4b (41)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P4b (41)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	BOSS1441-P4	RA: 14 41 30.1720 (220.3757167d) Dec: +40 01 7.60 (40.01878d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS				
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(14) BOSS1441-P4	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P4b (41)	352.935448 Secs (352.935 Secs) [==>]	[1]
	2	(14) BOSS1441-P4	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P4b (41)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	3	(14) BOSS1441-P4	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P4b (41)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	4	(14) BOSS1441-P4	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P4b (41)	302.934997 Secs (302.935 Secs) [==>]	[1]
Orbit Structure	<p>Orbit 1 Server Version: 20210514</p> <p>Timeline labels: GS Acq, Exp. 1, Exp. 2, Pointing Maneuver, Exp. 3, Exp. 4, Reconfig, Occultation, Unused Orbital Visibility = 35</p> <p>X-axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000 sec</p>									

Proposal 16276 - BOSS1441-P4c (42) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

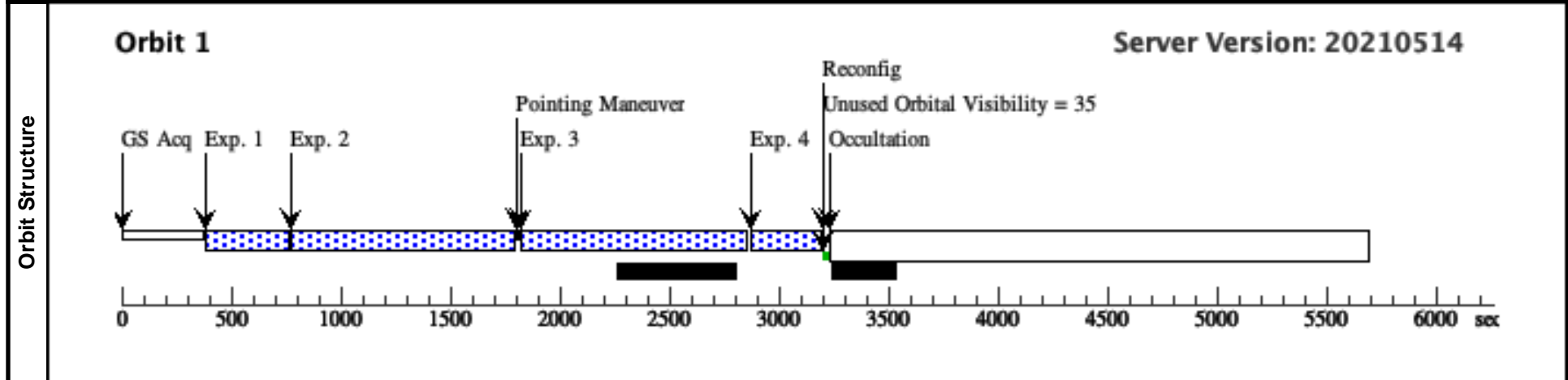
Tue Nov 02 15:00:48 GMT 2021

Visit	<p>Proposal 16276, BOSS1441-P4c (42), completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: ORIENT -15D TO -10D FROM 41</p>
	<p>(BOSS1441-P4c (42)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(BOSS1441-P4c (42)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p>

Diagnostics	<p>(BOSS1441-P4c (42)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(BOSS1441-P4c (42)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p>

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>(14)</td> <td>BOSS1441-P4</td> <td>RA: 14 41 30.1720 (220.3757167d) Dec: +40 01 7.60 (40.01878d) Equinox: J2000</td> <td></td> <td>V=24.2+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(14)	BOSS1441-P4	RA: 14 41 30.1720 (220.3757167d) Dec: +40 01 7.60 (40.01878d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(14)	BOSS1441-P4	RA: 14 41 30.1720 (220.3757167d) Dec: +40 01 7.60 (40.01878d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS								

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P4c (42)	352.935448 Secs (352.935 Secs)	[==>]	[1]
2	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P4c (42)	1002.935521 Secs (1002.936 Secs)	[==>]	[1]	
3	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P4c (42)	1002.935521 Secs (1002.936 Secs)	[==>]	[1]	
4	(14) BOSS1441-P4	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P4c (42)	302.934997 Secs (302.935 Secs)	[==>]	[1]	



Proposal 16276 - BOSS1441-P5A (43) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

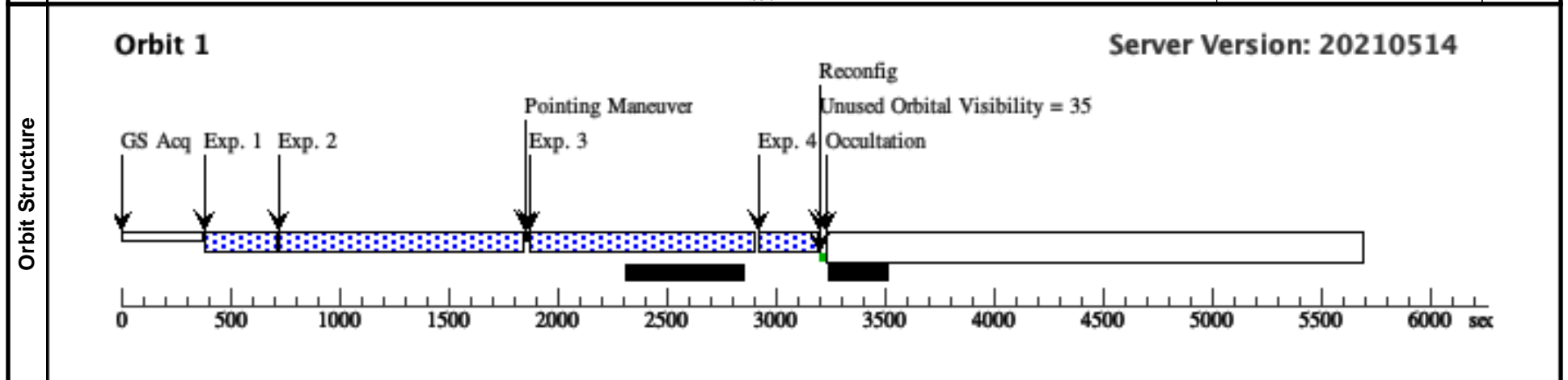
Tue Nov 02 15:00:48 GMT 2021

Visit	<p>Proposal 16276, BOSS1441-P5A (43), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: ORIENT 241.7D TO 251.7 D</p> <p><i>Comments: PI prefers orient of 246.7</i></p>
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Diagnostics	<p>(BOSS1441-P5A (43)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p> <p>(BOSS1441-P5A (43)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE</p>
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Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(15)</td> <td>BOSS1441-P5</td> <td>RA: 14 41 26.2156 (220.3592317d) Dec: +40 03 17.89 (40.05497d) Equinox: J2000</td> <td></td> <td>V=24.2+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(15)	BOSS1441-P5	RA: 14 41 26.2156 (220.3592317d) Dec: +40 03 17.89 (40.05497d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(15)	BOSS1441-P5	RA: 14 41 26.2156 (220.3592317d) Dec: +40 03 17.89 (40.05497d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS								

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(15) BOSS1441-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P5A (43)	302.934997 Secs (302.935 Secs) [==>]	[1]
2		(15) BOSS1441-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P5A (43)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
3		(15) BOSS1441-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P5A (43)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
4		(15) BOSS1441-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=6; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P5A (43)	252.934546 Secs (252.935 Secs) [==>]	[1]



Proposal 16276 - BOSS1441-P5B (44) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

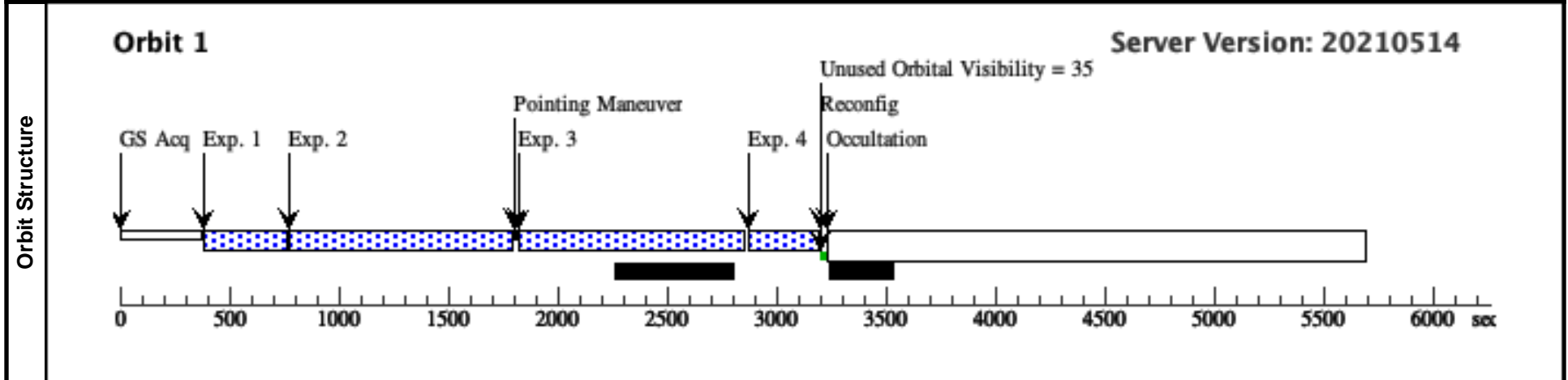
Tue Nov 02 15:00:49 GMT 2021

Visit	Proposal 16276, BOSS1441-P5B (44), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT -15D TO -10D FROM 43
	(BOSS1441-P5B (44)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P5B (44)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Diagnosics	(BOSS1441-P5B (44)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P5B (44)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE
	(BOSS1441-P5B (44)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P5B (44)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(15)</td> <td>BOSS1441-P5</td> <td>RA: 14 41 26.2156 (220.3592317d) Dec: +40 03 17.89 (40.05497d) Equinox: J2000</td> <td></td> <td>V=24.2+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(15)	BOSS1441-P5	RA: 14 41 26.2156 (220.3592317d) Dec: +40 03 17.89 (40.05497d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(15)	BOSS1441-P5	RA: 14 41 26.2156 (220.3592317d) Dec: +40 03 17.89 (40.05497d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS								
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]													

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(15) BOSS1441-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P5B (44)	352.935448 Secs (352.935 Secs) [==>]	[1]
2		(15) BOSS1441-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P5B (44)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
3		(15) BOSS1441-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P5B (44)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
4		(15) BOSS1441-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P5B (44)	302.934997 Secs (302.935 Secs) [==>]	[1]



Proposal 16276 - BOSS1441-P5C (45) - WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon

Tue Nov 02 15:00:49 GMT 2021

Visit	Proposal 16276, BOSS1441-P5C (45), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 10D TO 15D FROM 43
	(BOSS1441-P5C (45)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (BOSS1441-P5C (45)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE

Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(15)</td> <td>BOSS1441-P5</td> <td>RA: 14 41 26.2156 (220.3592317d) Dec: +40 03 17.89 (40.05497d) Equinox: J2000</td> <td></td> <td>V=24.2+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments:</i> Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(15)	BOSS1441-P5	RA: 14 41 26.2156 (220.3592317d) Dec: +40 03 17.89 (40.05497d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous							
(15)	BOSS1441-P5	RA: 14 41 26.2156 (220.3592317d) Dec: +40 03 17.89 (40.05497d) Equinox: J2000		V=24.2+/-0.02	Reference Frame: ICRS								

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(15) BOSS1441-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG -2.034,-6.065	Sequence 1-4 Non-Int in BOSS1441-P5C (45)	352.935448 Secs (352.935 Secs) [==>]	[1]	
2	(15) BOSS1441-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	SAME POS AS 1	Sequence 1-4 Non-Int in BOSS1441-P5C (45)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
3	(15) BOSS1441-P5	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	POS TARG -2.508,-5.277	Sequence 1-4 Non-Int in BOSS1441-P5C (45)	1002.935521 Secs (1002.936 Secs) [==>]	[1]	
4	(15) BOSS1441-P5	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=SPAR S50	SAME POS AS 3	Sequence 1-4 Non-Int in BOSS1441-P5C (45)	302.934997 Secs (302.935 Secs) [==>]	[1]	

