



## 13021 - Revealing the Diversity of Super-Earth Atmospheres

Cycle: 20, Proposal Category: GO

(Large Program)

(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) GJ-1214	WFC3/IR	4	21-Feb-2013 02:53:22.0	yes
02	(1) GJ-1214	WFC3/IR	4	21-Feb-2013 02:56:59.0	yes
03	(1) GJ-1214	WFC3/IR	4	21-Feb-2013 03:00:08.0	yes
04	(1) GJ-1214	WFC3/IR	4	21-Feb-2013 03:03:08.0	yes
05	(1) GJ-1214	WFC3/IR	4	21-Feb-2013 03:06:08.0	yes
06	(1) GJ-1214	WFC3/IR	4	21-Feb-2013 03:09:30.0	yes
07	(1) GJ-1214	WFC3/IR	4	21-Feb-2013 03:12:57.0	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>
08	(1) GJ-1214	WFC3/IR	4	21-Feb-2013 03:15:55.0	yes
09	(1) GJ-1214	WFC3/IR	4	21-Feb-2013 03:19:18.0	yes
10	(1) GJ-1214	WFC3/IR	4	21-Feb-2013 03:22:39.0	yes
11	(1) GJ-1214	WFC3/IR	4	21-Feb-2013 03:26:05.0	yes
12	(1) GJ-1214	WFC3/IR	4	21-Feb-2013 03:29:27.0	yes
13	(1) GJ-1214	WFC3/IR	4	21-Feb-2013 03:32:49.0	yes
14	(1) GJ-1214	WFC3/IR	4	21-Feb-2013 03:36:10.0	yes
15	(1) GJ-1214	WFC3/IR	4	21-Feb-2013 03:39:36.0	yes

60 Total Orbits Used

## **ABSTRACT**

Recent surveys have revealed an amazing, and yet unexplained, diversity of super-Earth exoplanets. Atmospheric studies are the key to improving our understanding of the nature and origins of these mysterious worlds. HST has been successful at characterizing the atmospheres of hot, giant exoplanets through transit spectroscopy observations. However, revealing the properties of super-Earth atmospheres requires an order of magnitude more precision than is needed for Hot Jupiters. We propose an intensive transmission spectroscopy survey of three super-Earth archetypes to definitively determine the compositions of their atmospheres. Our targets are the most compelling super-Earths because they have measured masses and radii, span a range of equilibrium temperatures, and are the most feasible for atmospheric study. WFC3 spectroscopy from 1.1 - 1.7 microns will reveal the water abundance and overall composition of the atmospheres of GJ 1214 b and HD 97658 b. STIS spectroscopy of the sodium D lines for 55 Cnc e will reveal the composition and evaporation rate of this super-hot planet's secondary atmosphere. Just detecting the atmospheres of these planets is not enough; precise measurements are now mandatory to constrain theoretical models, and such data can only be obtained with an intensive program. A survey is needed because we will only be able to understand these individual objects, and the other exoplanets they represent, by looking at their collective diversity. This project can only be done with HST because of the requisite precision and the necessity of observing water bands. This work will pave the way to the future characterization of habitable exoplanets with JWST.

## **OBSERVING DESCRIPTION**

## Proposal 13021 (STScI Edit Number: 0, Created: Wednesday, February 20, 2013 10:40:04 PM EST) - Overview

Time-series spectroscopy of a transiting exoplanet host star to determine the planet's transmission spectrum. Each visit will consist of four orbits timed such that two happen before the transit, one happens during transit, and one happens after the transit. There will be 15 visits to the target.

Each orbit follows the same sequence: a direct image is obtained through the F130N filter for wavelength calibration, and then the rest of the orbit is filled with a series of exposures with the G141 grism. All observations will be performed with the GRISM256 subarray to save buffer memory and reduce systematics associated with the larger array sizes.

The spectroscopic exposures will be obtained with the spatial scan mode. The scan rate will be 0.12 arcsec / sec, and the scan will be in the spatial direction to smear out the spectrum so that reasonable counts per pixel are maintained during a long exposure to reduce systematics from non-linearity and persistence. We are aiming for less than 30,000 electrons per pixel per exposure.

NSAMP=5 and SAMP-SEQ=SPARS25 gives a total exposure time of approximately 90 sec. By our estimate, the brightest pixel will see approximately 25,000 electrons per exposure for the selected scan rate. The scan will be 89 pixels tall.

There is a nearby star that we want to avoid overlap with. Therefore, we included orient constraints so that the stars would always be separated by at least 100 pixels in the spatial direction.

### **REAL TIME JUSTIFICATION**

The observations must be conducted such that 75% of the third orbit is in transit. The transits occur every 1.58 days, and last for 50 minutes. We have set the phase constraints corresponding to this requirement.

# Proposal 13021 - Visit 01 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:40:05 GMT 2013

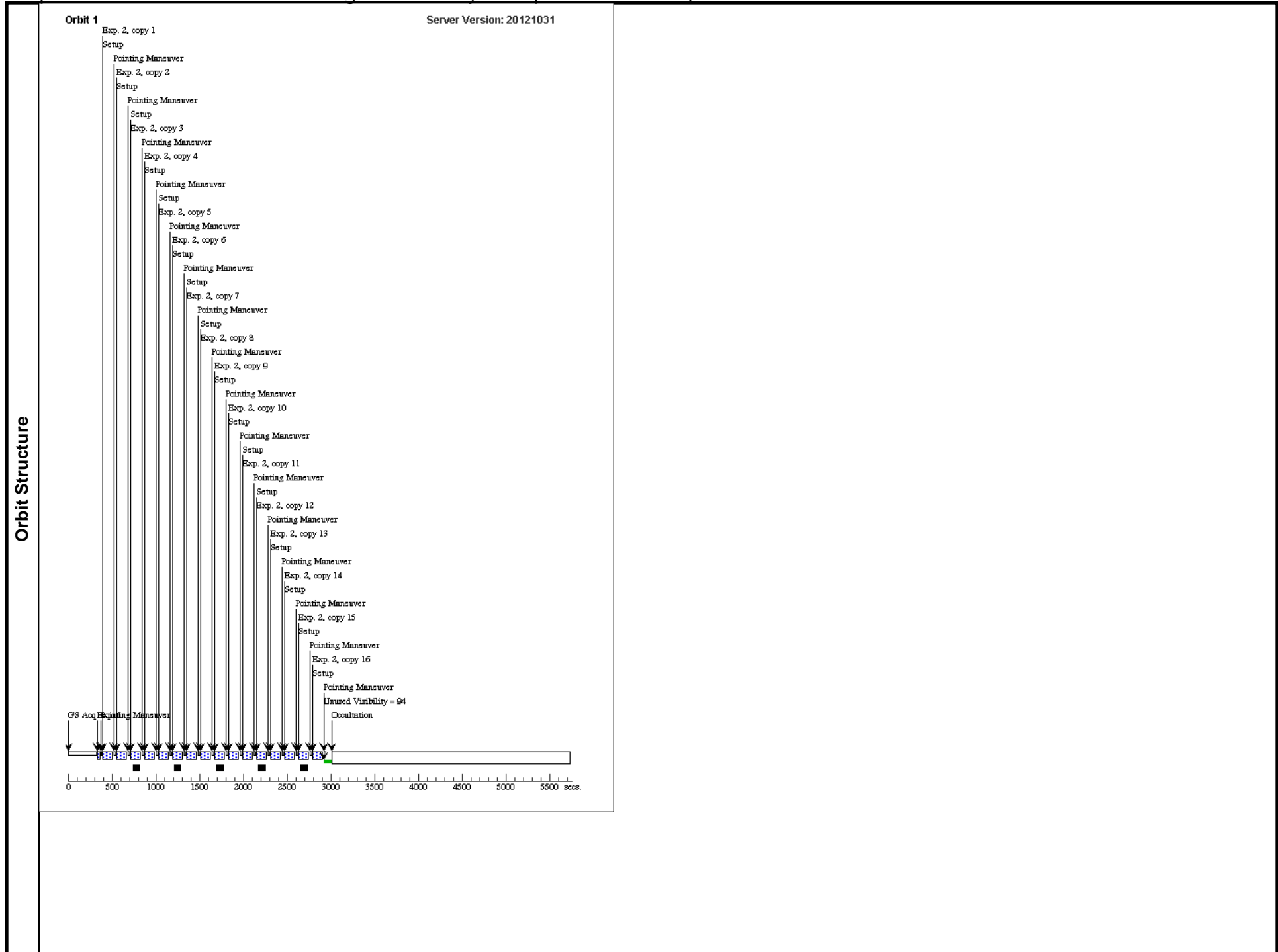
<b>Visit</b>	<p><b>Proposal 13021, Visit 01, completed</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322</p> <p><i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i></p>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p>						

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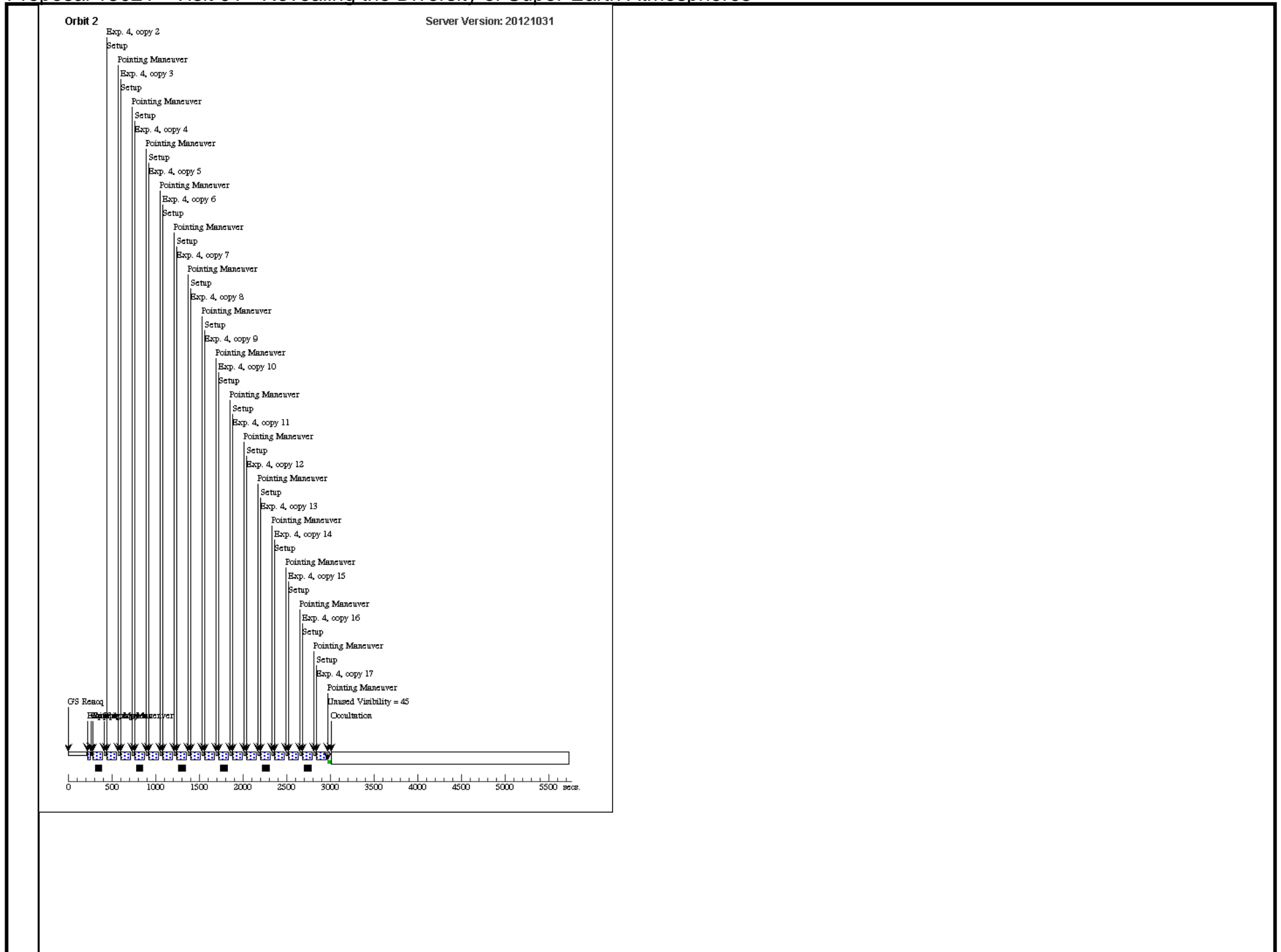
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	PHASE 0.8993 TO 0.9126	Sequence 1-2 Non-Int in Visit 01	[==>]	[1]
	2	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPARS10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-2 Non-Int in Visit 01	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)]	[1]
	3	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 3-4 Non-Int in Visit 01	[==>]	[2]
	4	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPARS10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 3-4 Non-Int in Visit 01	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
	5	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 5-6 Non-Int in Visit 01	[==>]	[3]

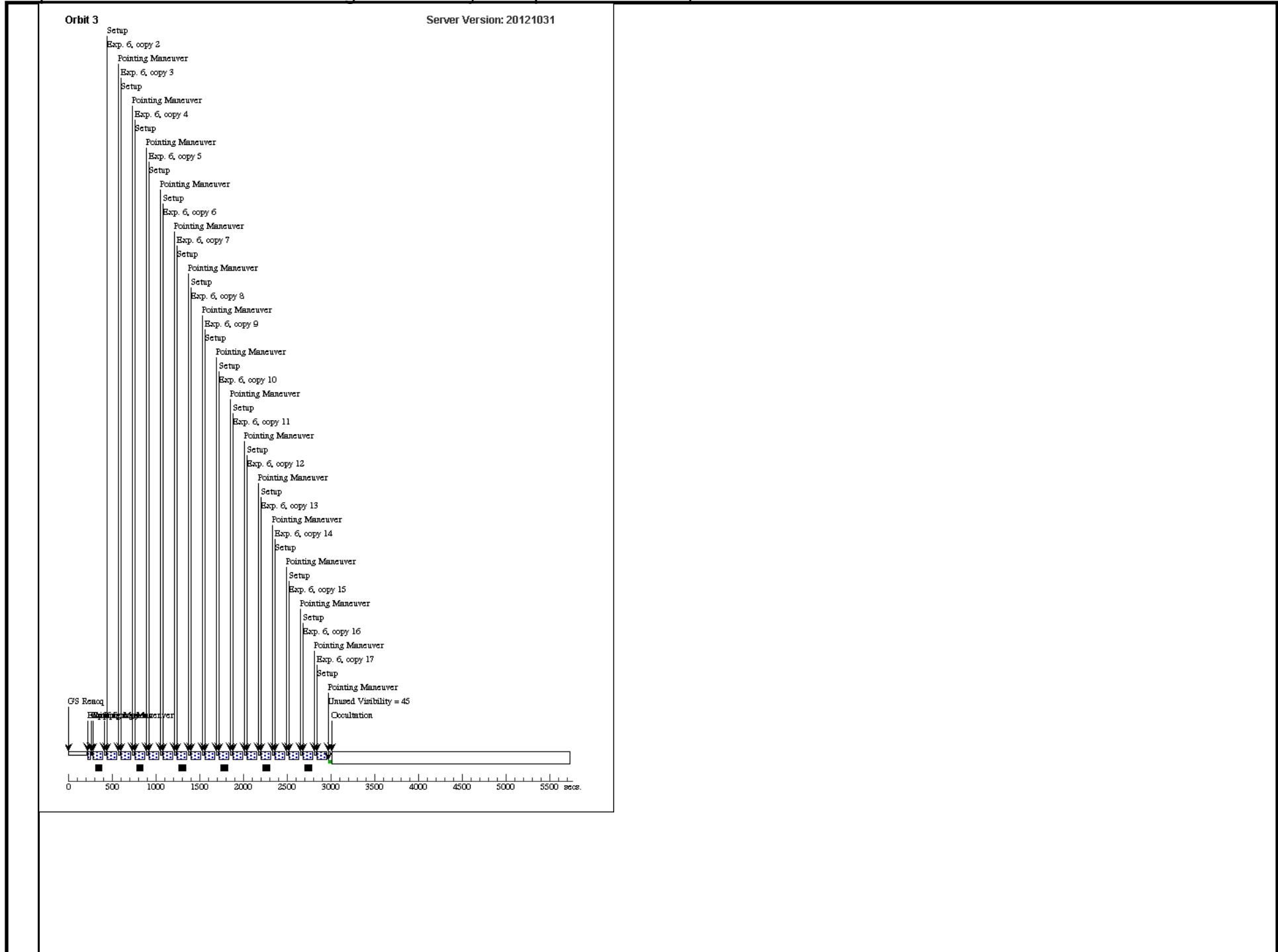
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6	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPAR S10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 5-6 Non-Int in Visit 01	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[3]
7	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 7-8 Non-Int in Visit 01	[==>]	[4]
8	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPAR S10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 7-8 Non-Int in Visit 01	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]

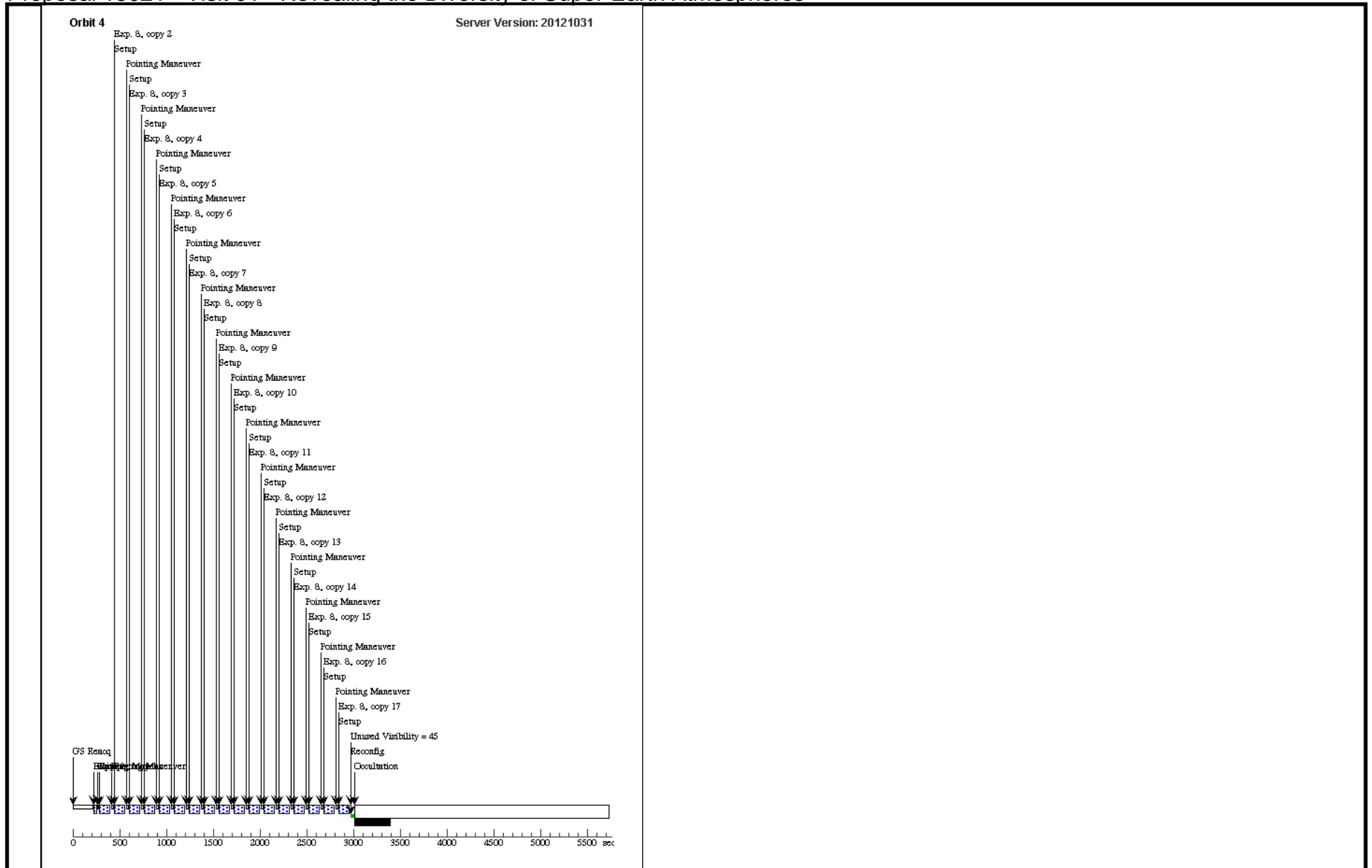


# Proposal 13021 - Visit 01 - Revealing the Diversity of Super-Earth Atmospheres





# Proposal 13021 - Visit 01 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 02 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:40:13 GMT 2013

<b>Visit</b>	<b>Proposal 13021, Visit 02, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322 <i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5 ; PHASE 0.8993 TO 0.9126	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
2		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
3		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.12,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
4		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
5		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.12,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
6		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
7		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.12,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
8		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
9		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.12,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
10		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
11		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.12,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]

Exposures

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12	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
13	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
14	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
15	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
16	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
17	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
18	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
19	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 02	[==>]	[1]
20	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
21	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
22	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]

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23	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
24	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
25	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
26	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
27	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
28	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
29	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
30	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
31	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
32	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
33	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]

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34	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
35	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
36	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
37	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
38	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
39	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 02	[==>]	[2]
40	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
41	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
42	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
43	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
44	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]

Proposal 13021 - Visit 02 - Revealing the Diversity of Super-Earth Atmospheres

45	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
46	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
47	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
48	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
49	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
50	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
51	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
52	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
53	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
54	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
55	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]

Proposal 13021 - Visit 02 - Revealing the Diversity of Super-Earth Atmospheres

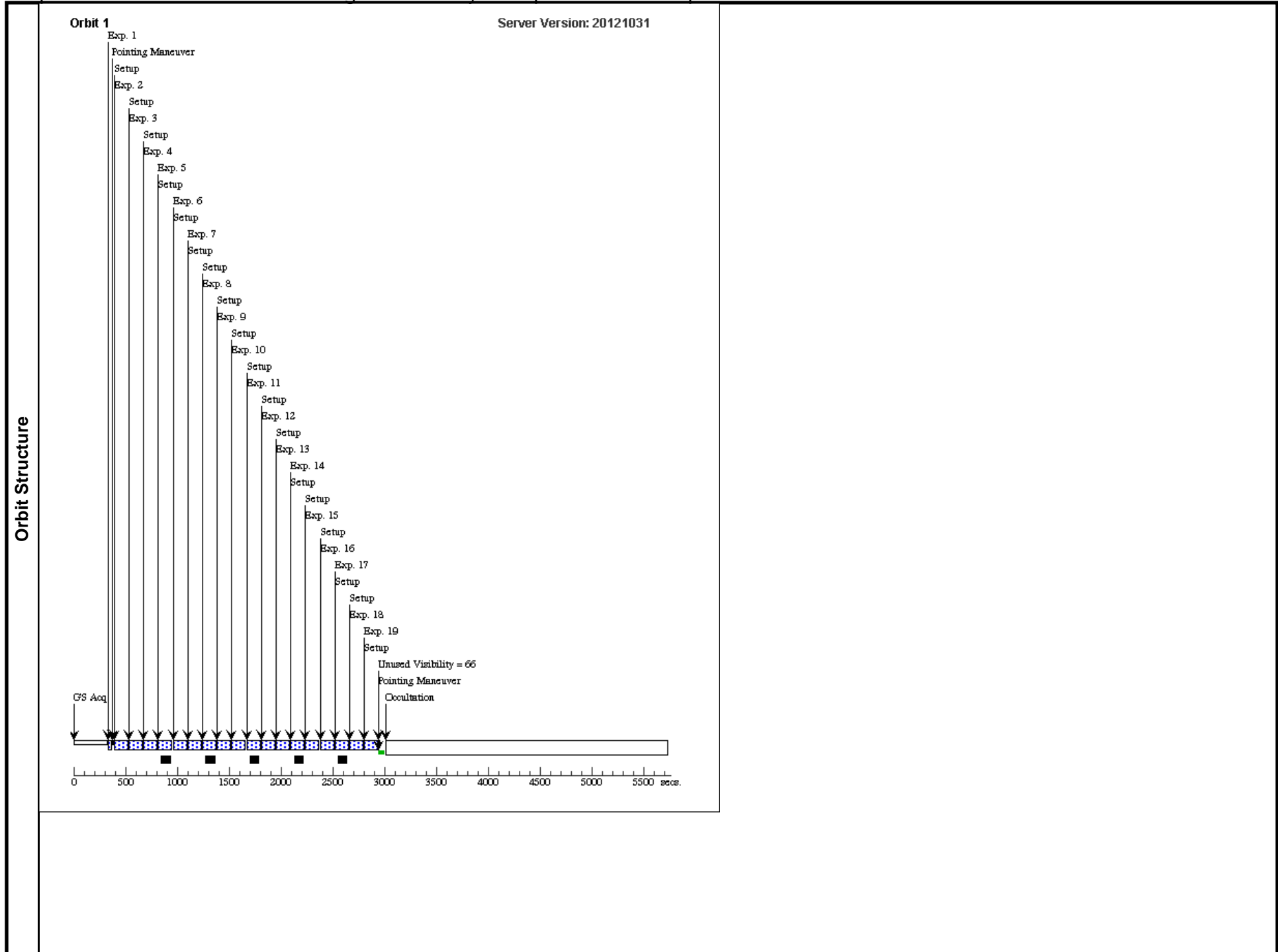
56	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
57	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
58	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
59	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 02	[==>]	[3]
60	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
61	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
62	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
63	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
64	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
65	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
66	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]

Proposal 13021 - Visit 02 - Revealing the Diversity of Super-Earth Atmospheres

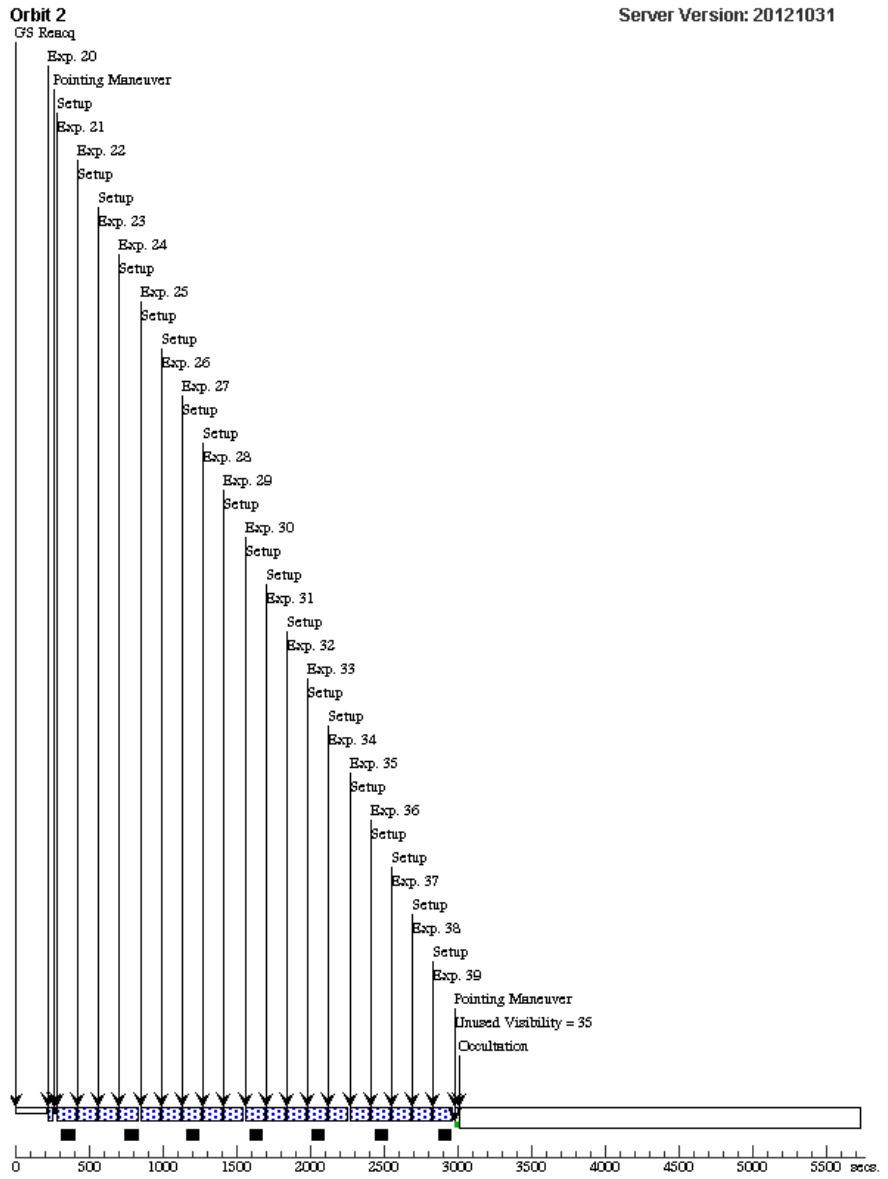
67	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
68	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
69	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
70	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
71	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
72	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
73	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
74	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
75	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
76	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]
77	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 02	[==>]	[4]

Proposal 13021 - Visit 02 - Revealing the Diversity of Super-Earth Atmospheres

78	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reve rse	Sequence 60-79 Non -Int in Visit 02	[==>]	[4]
79	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forw ard	Sequence 60-79 Non -Int in Visit 02	[==>]	[4]



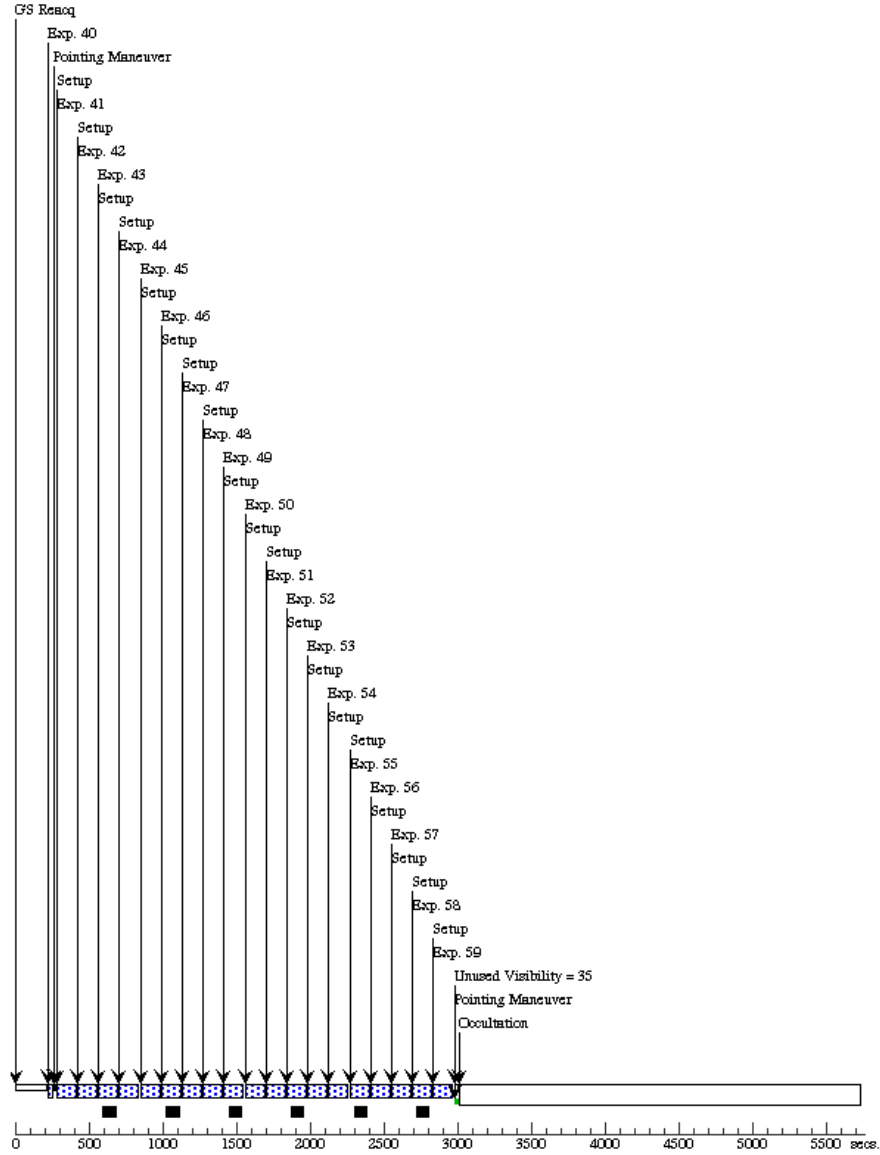
Server Version: 20121031



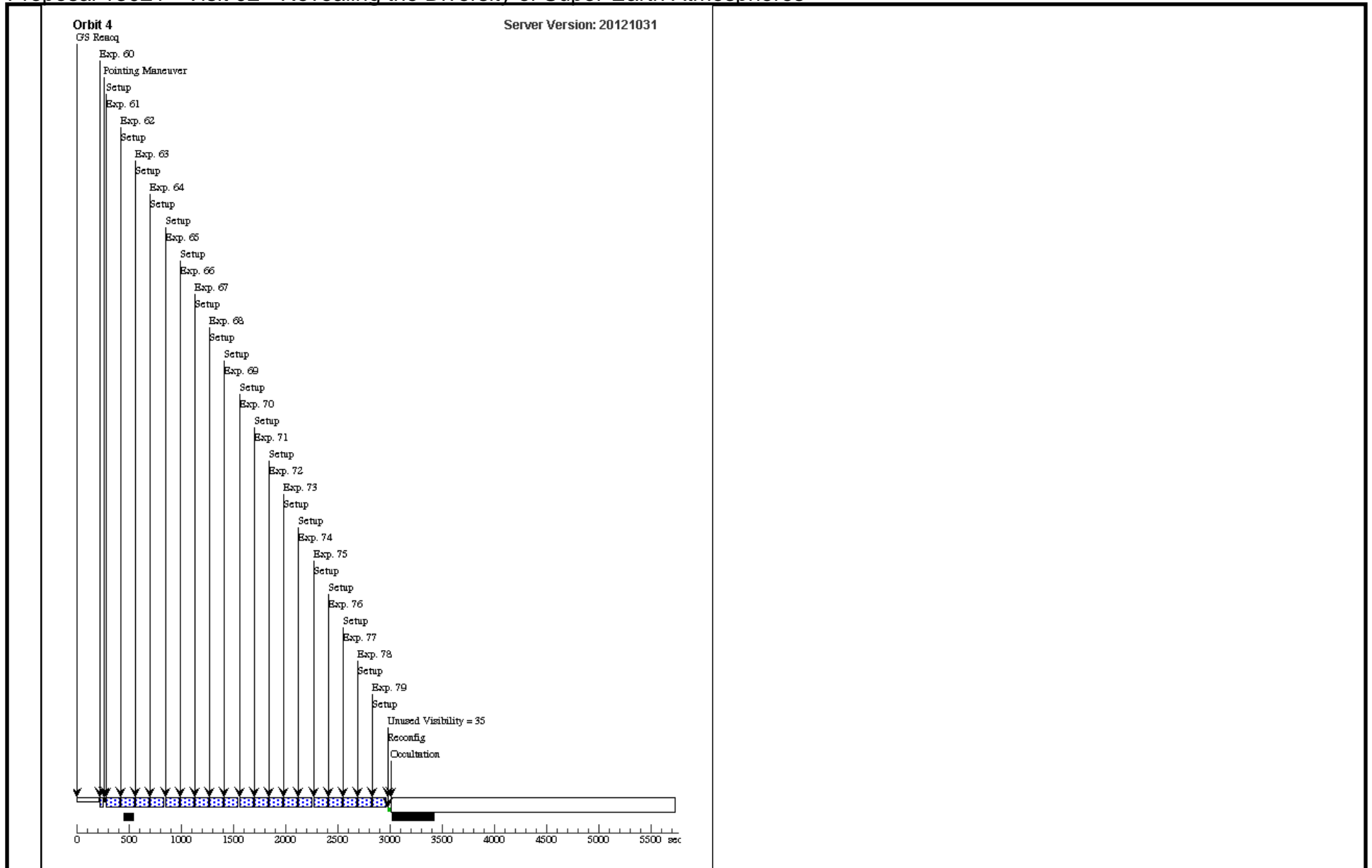
# Proposal 13021 - Visit O2 - Revealing the Diversity of Super-Earth Atmospheres

Orbit 3

Server Version: 20121031



# Proposal 13021 - Visit 02 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 03 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:40:21 GMT 2013

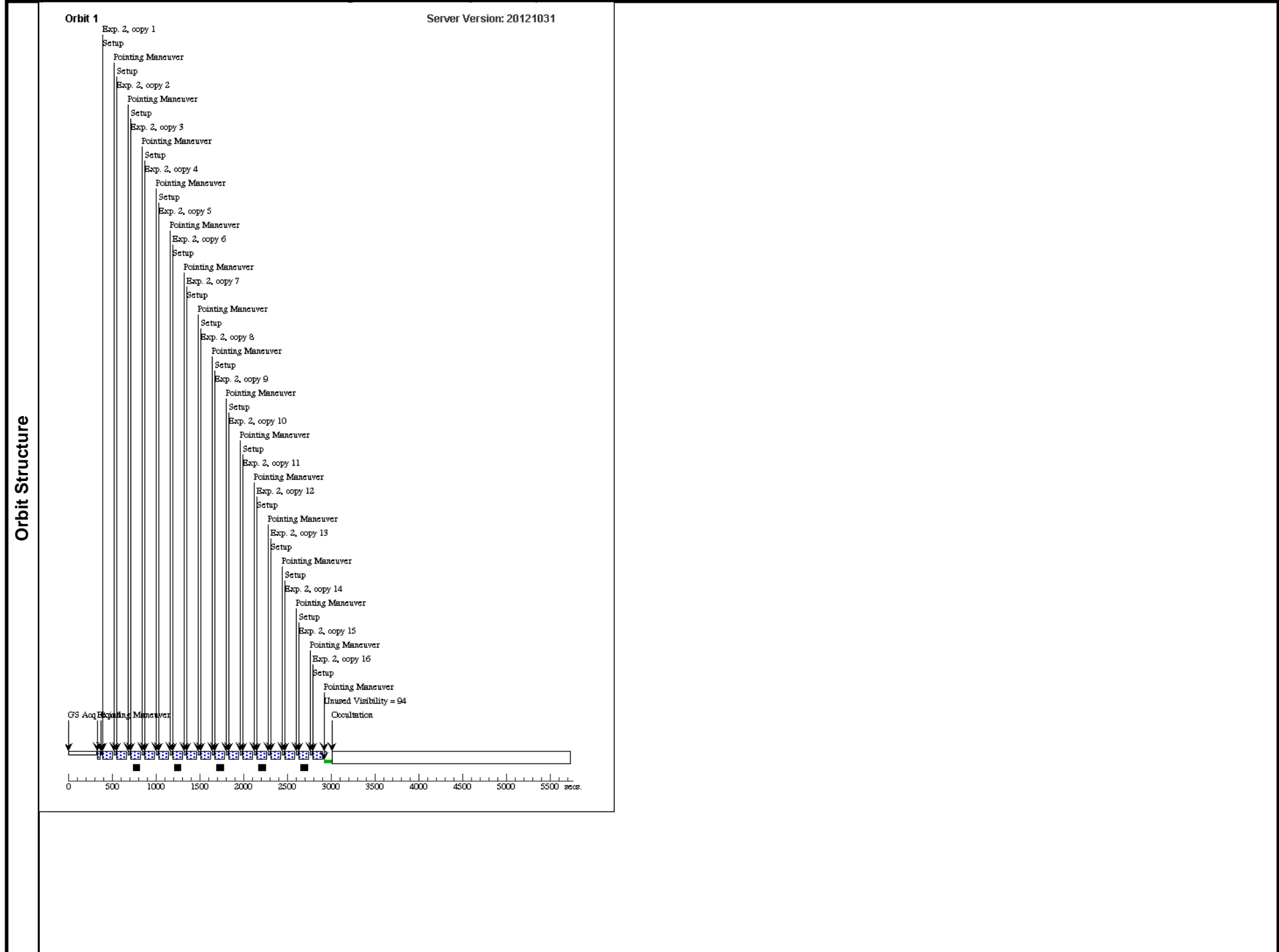
<b>Visit</b>	<p><b>Proposal 13021, Visit 03, completed</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322</p> <p><i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i></p>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p>						

Proposal 13021 - Visit 03 - Revealing the Diversity of Super-Earth Atmospheres

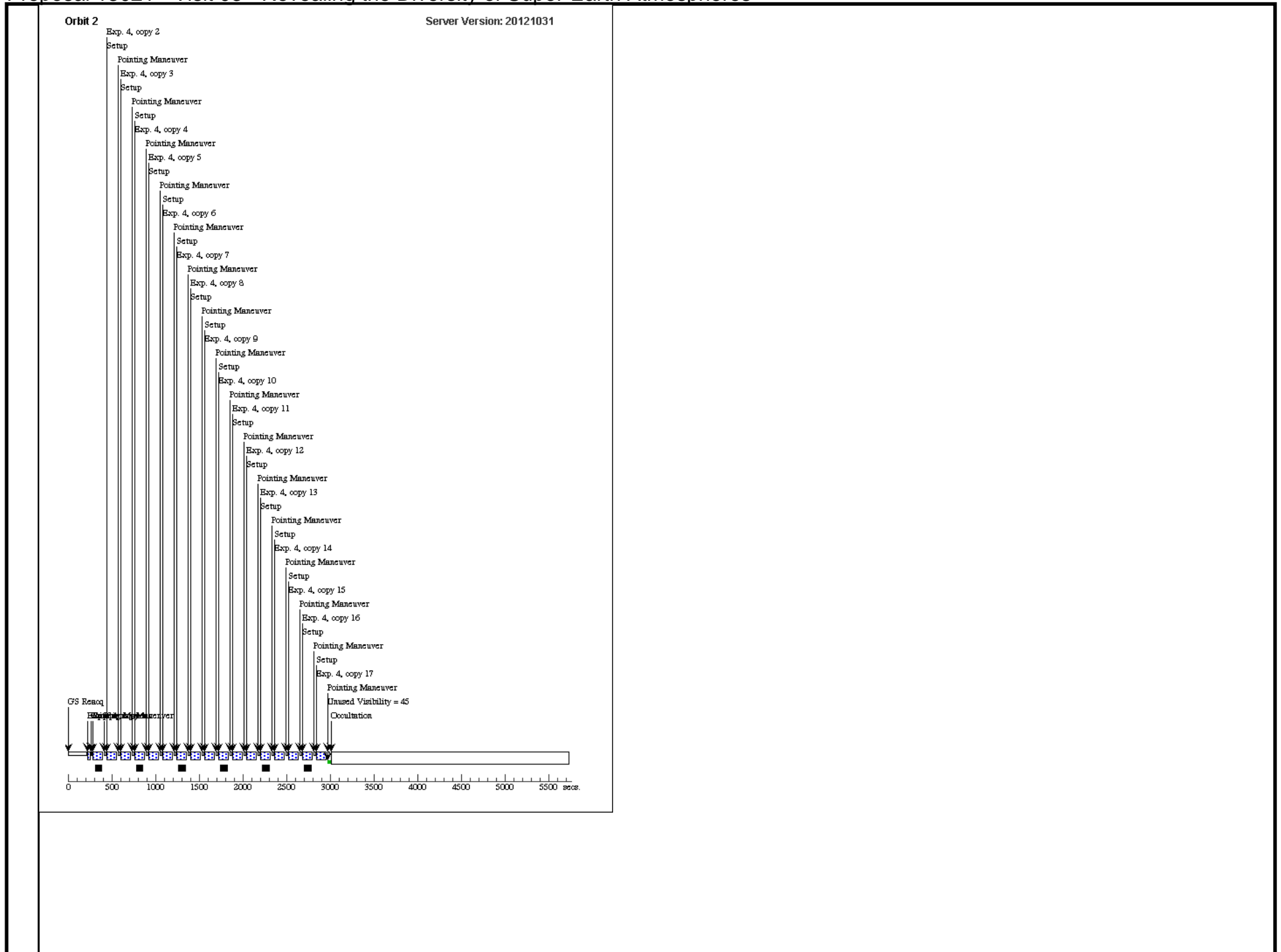
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	PHASE 0.8993 TO 0.9126	Sequence 1-2 Non-Int in Visit 03	[==>]	[1]
	2	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPARS10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-2 Non-Int in Visit 03	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)]	[1]
	3	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 3-4 Non-Int in Visit 03	[==>]	[2]
	4	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPARS10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 3-4 Non-Int in Visit 03	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
	5	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 5-6 Non-Int in Visit 03	[==>]	[3]

Proposal 13021 - Visit 03 - Revealing the Diversity of Super-Earth Atmospheres

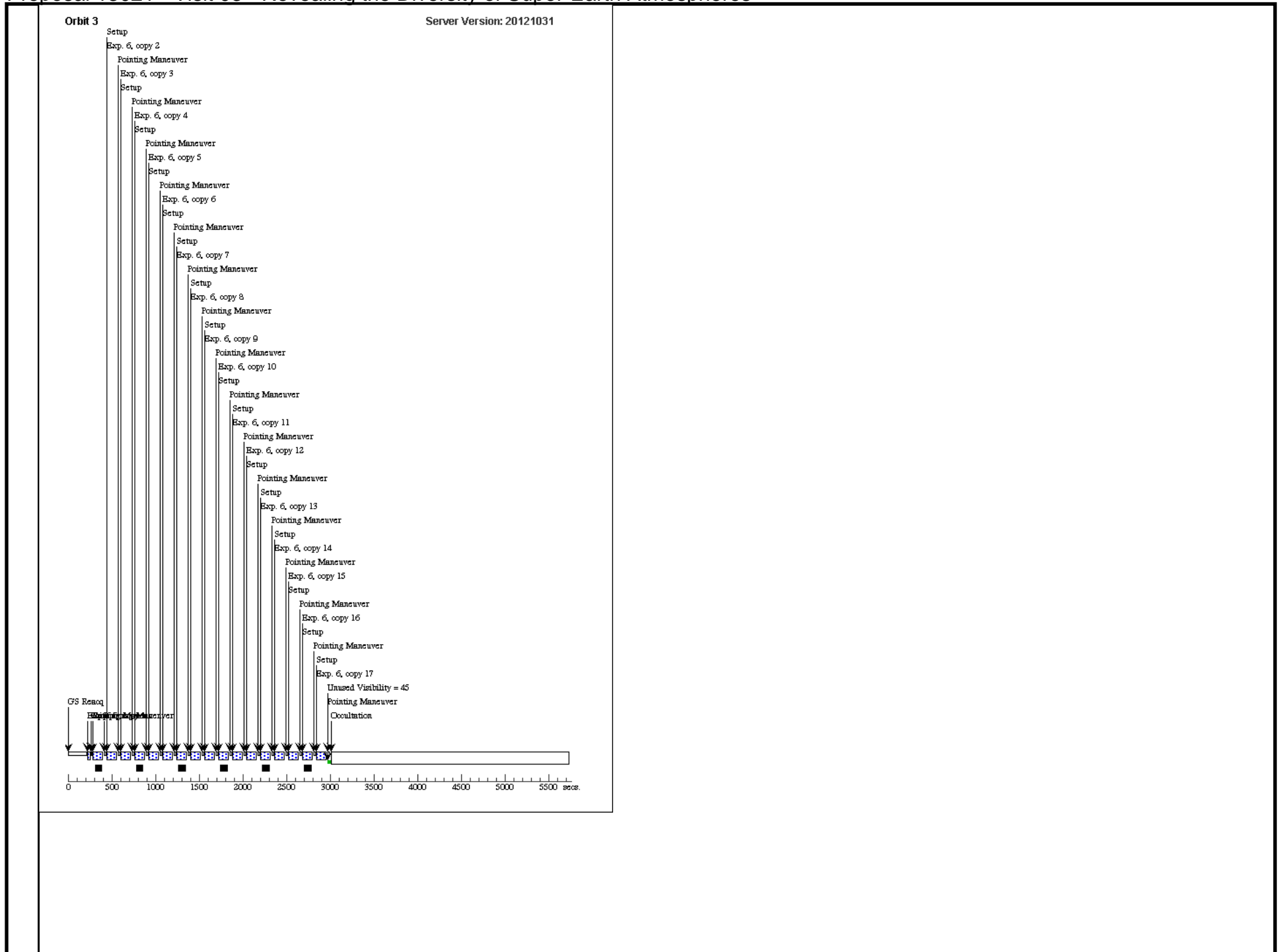
6	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPAR S10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 5-6 Non-Int in Visit 03	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[3]
7	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 7-8 Non-Int in Visit 03	[==>]	[4]
8	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPAR S10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 7-8 Non-Int in Visit 03	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]



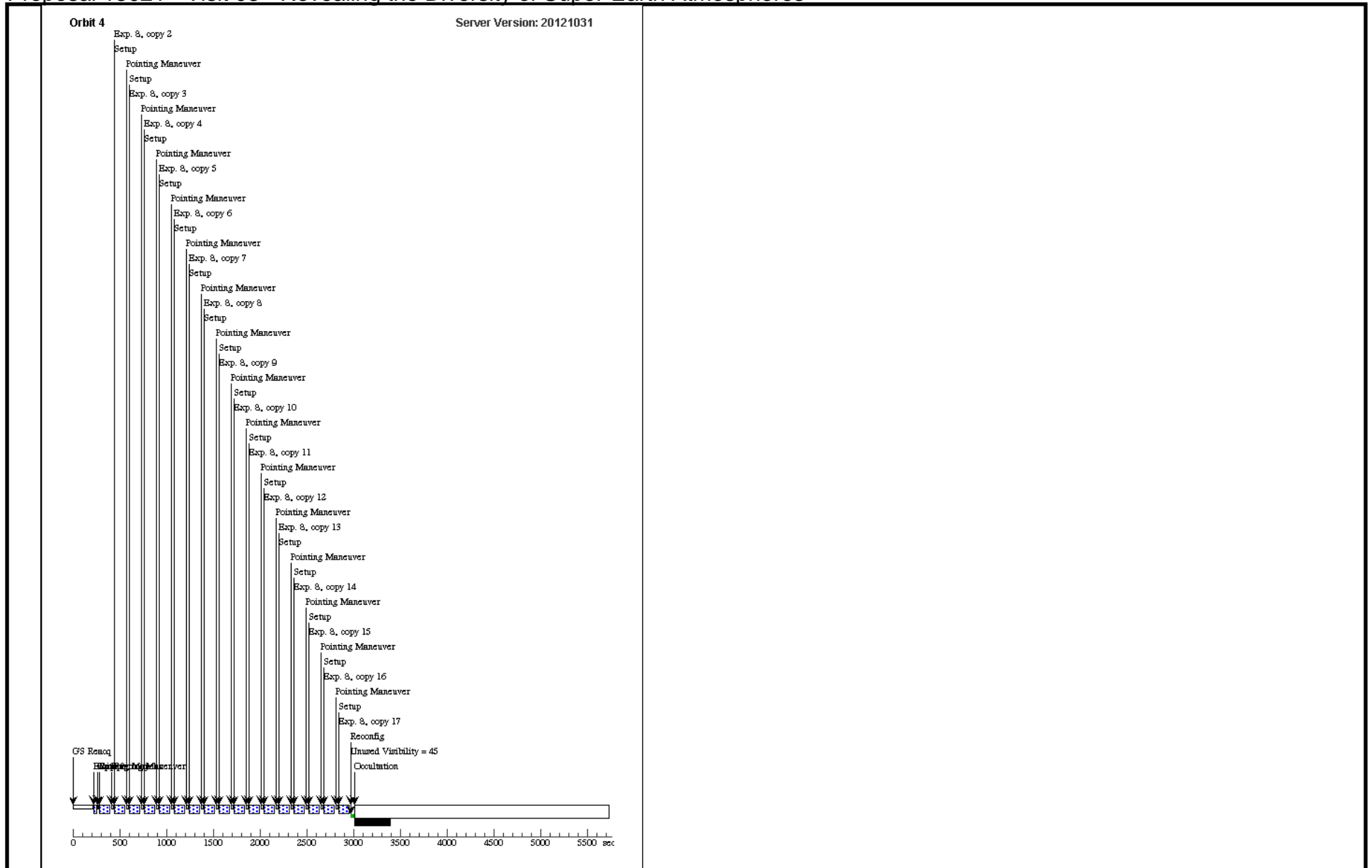
# Proposal 13021 - Visit 03 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 03 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 03 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 04 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:40:27 GMT 2013

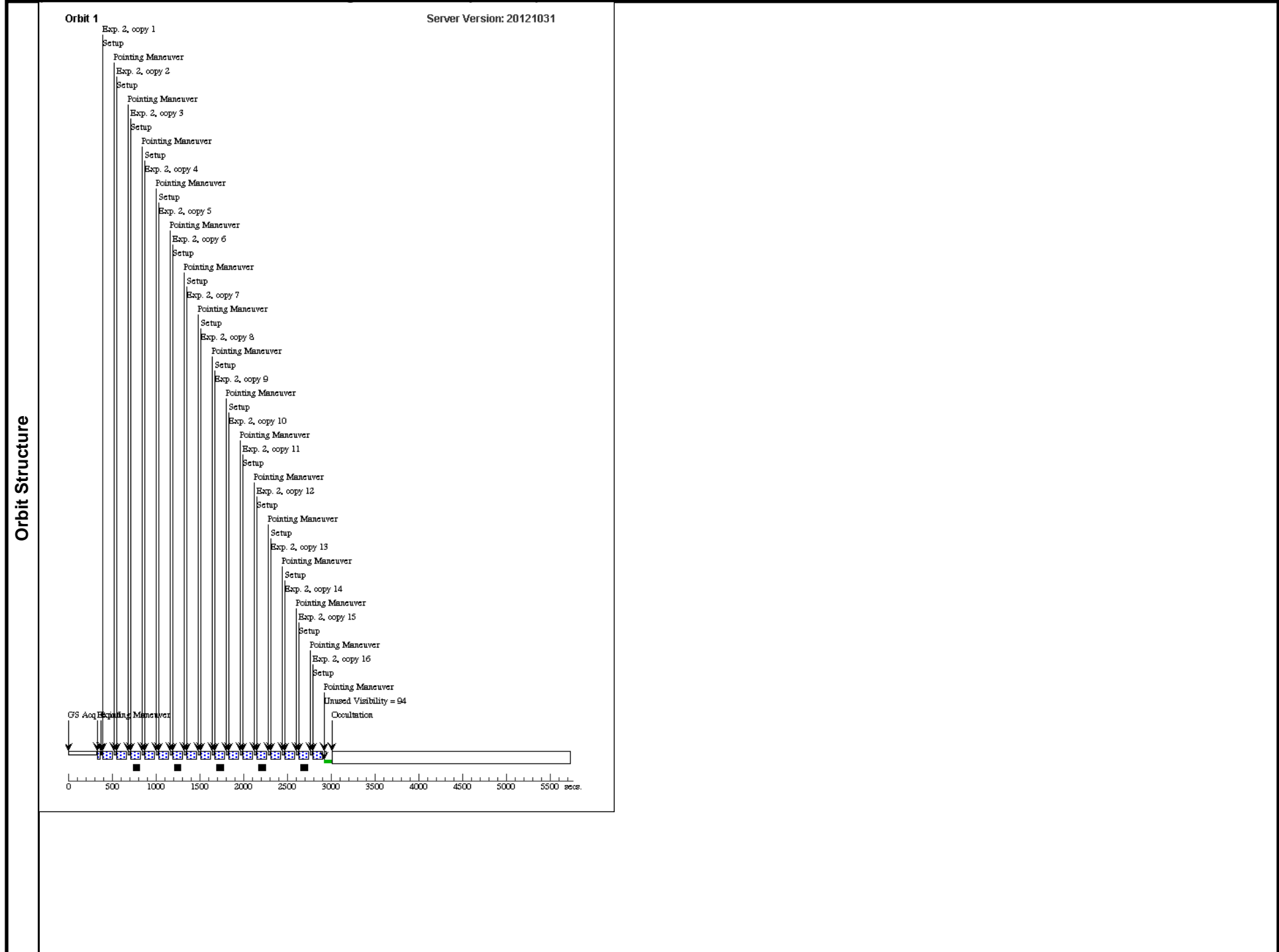
<b>Visit</b>	<p><b>Proposal 13021, Visit 04, completed</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322</p> <p><i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i></p>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p>						

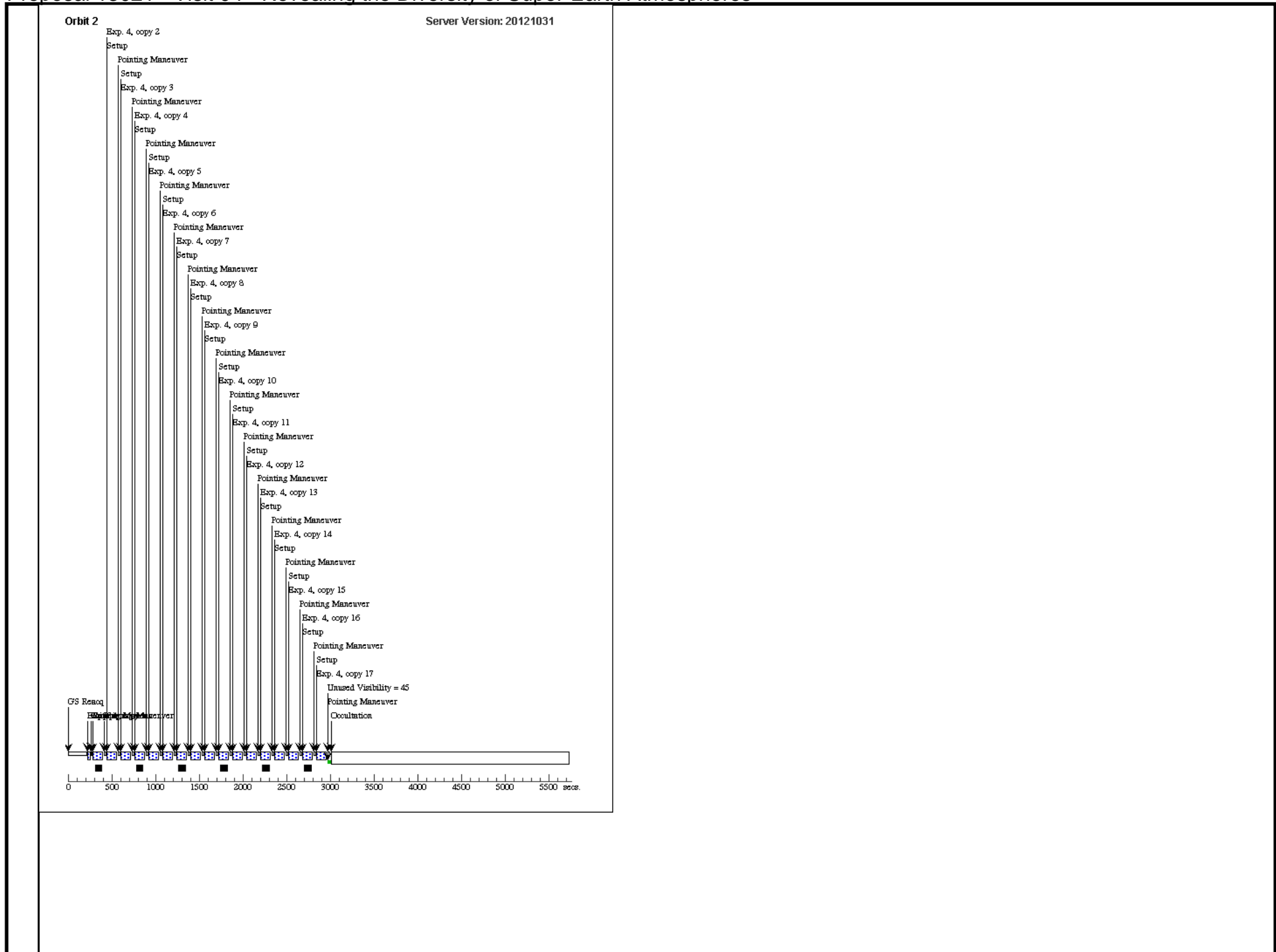
Proposal 13021 - Visit 04 - Revealing the Diversity of Super-Earth Atmospheres

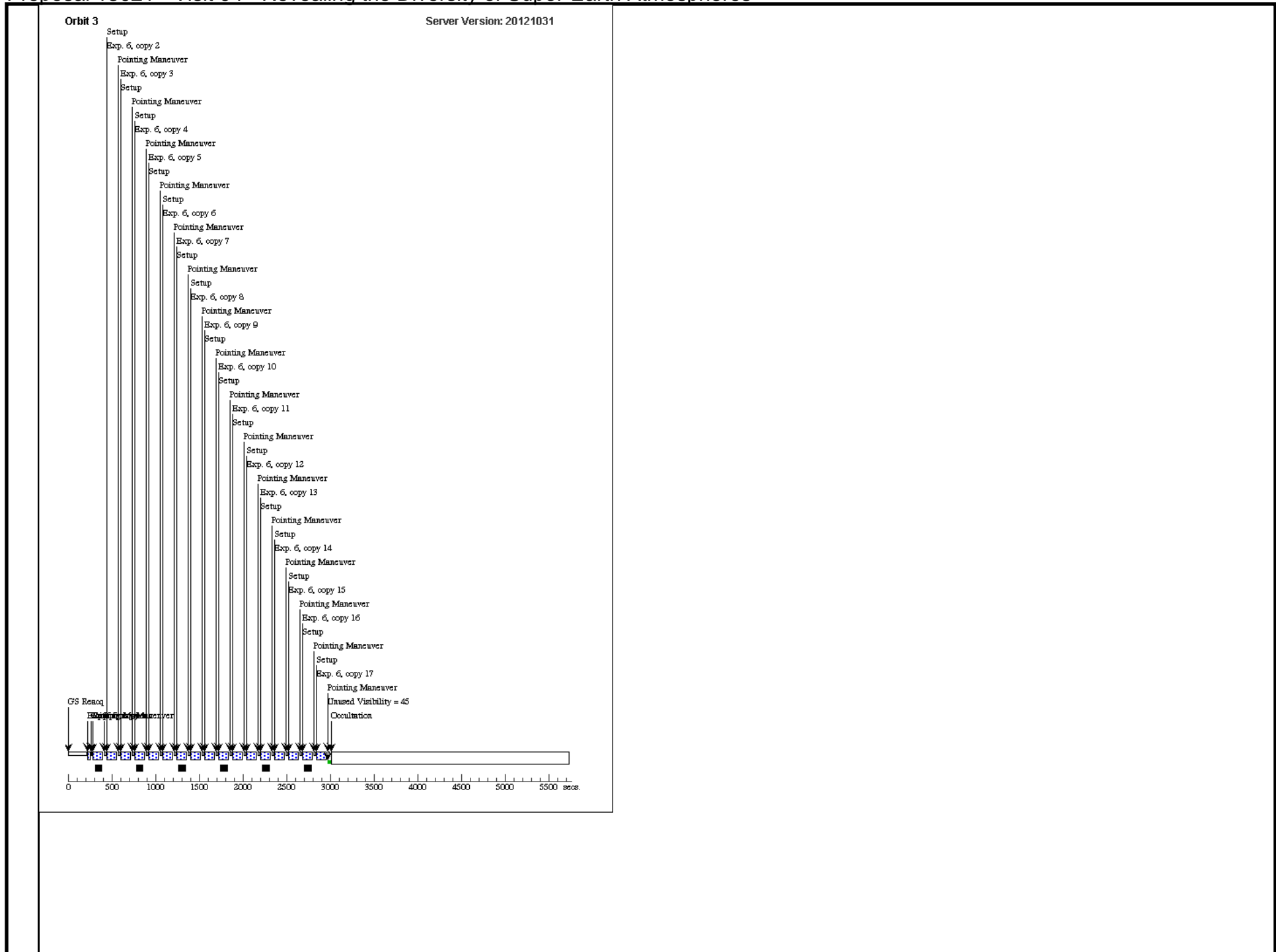
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	PHASE 0.8993 TO 0.9126	Sequence 1-2 Non-Int in Visit 04	[==>]	[1]
	2	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPARS10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-2 Non-Int in Visit 04	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)]	[1]
	3	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 3-4 Non-Int in Visit 04	[==>]	[2]
	4	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPARS10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 3-4 Non-Int in Visit 04	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
	5	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 5-6 Non-Int in Visit 04	[==>]	[3]

Proposal 13021 - Visit 04 - Revealing the Diversity of Super-Earth Atmospheres

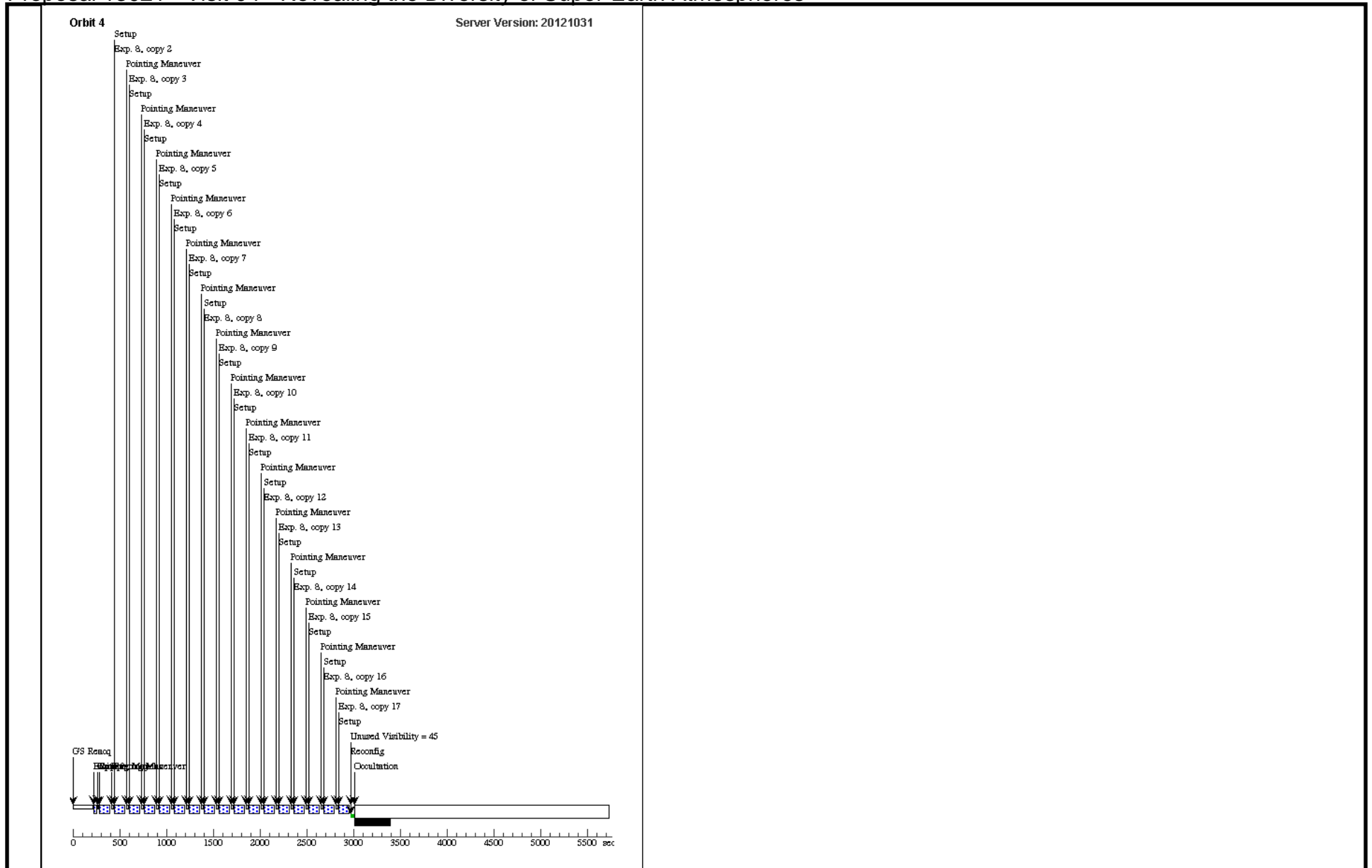
6	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPAR S10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 5-6 Non-Int in Visit 04	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[3]
7	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 7-8 Non-Int in Visit 04	[==>]	[4]
8	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPAR S10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 7-8 Non-Int in Visit 04	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]







# Proposal 13021 - Visit 04 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 05 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:40:33 GMT 2013

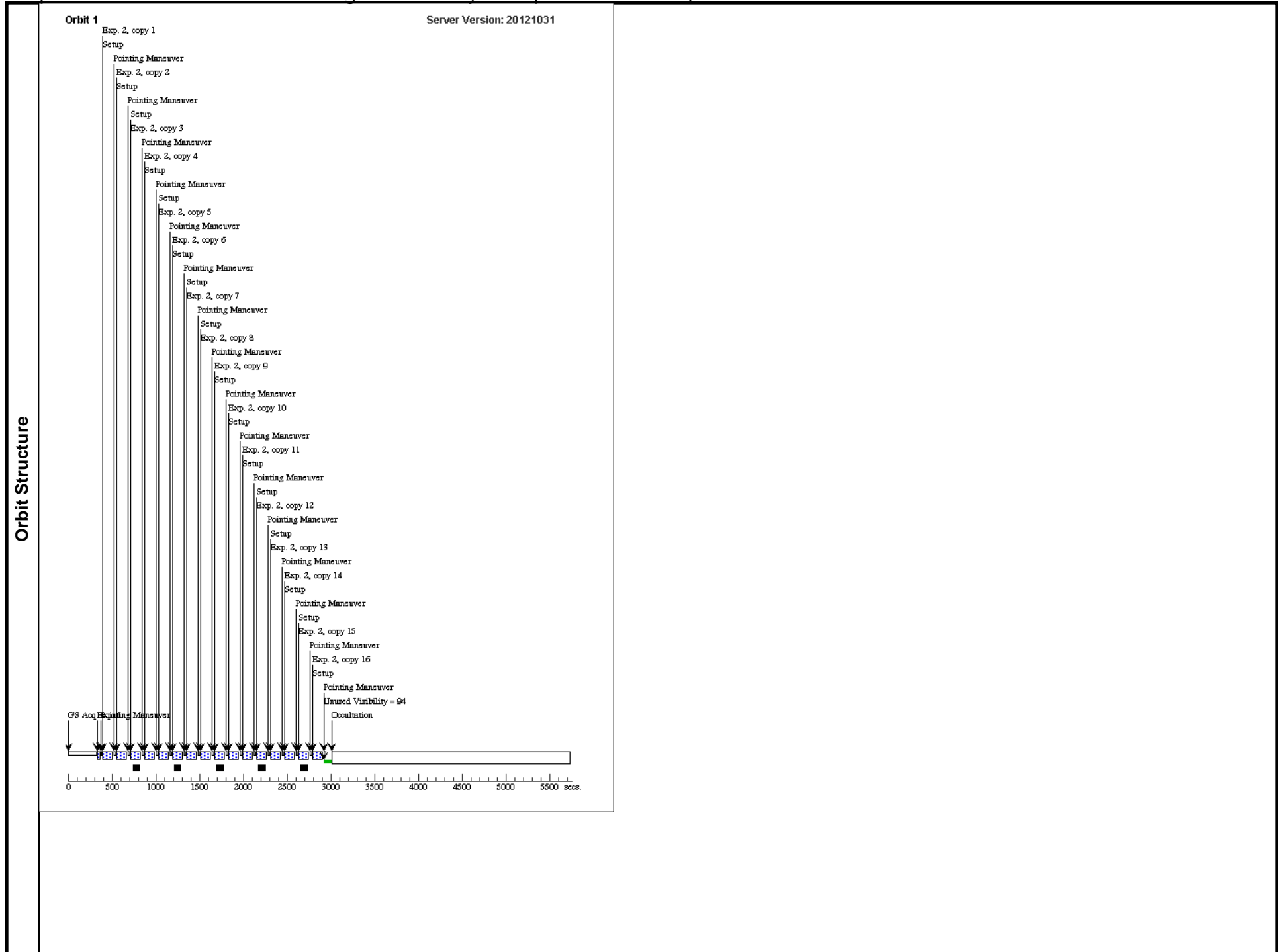
<b>Visit</b>	<p><b>Proposal 13021, Visit 05, completed</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322</p> <p><i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i></p>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p>						

Proposal 13021 - Visit 05 - Revealing the Diversity of Super-Earth Atmospheres

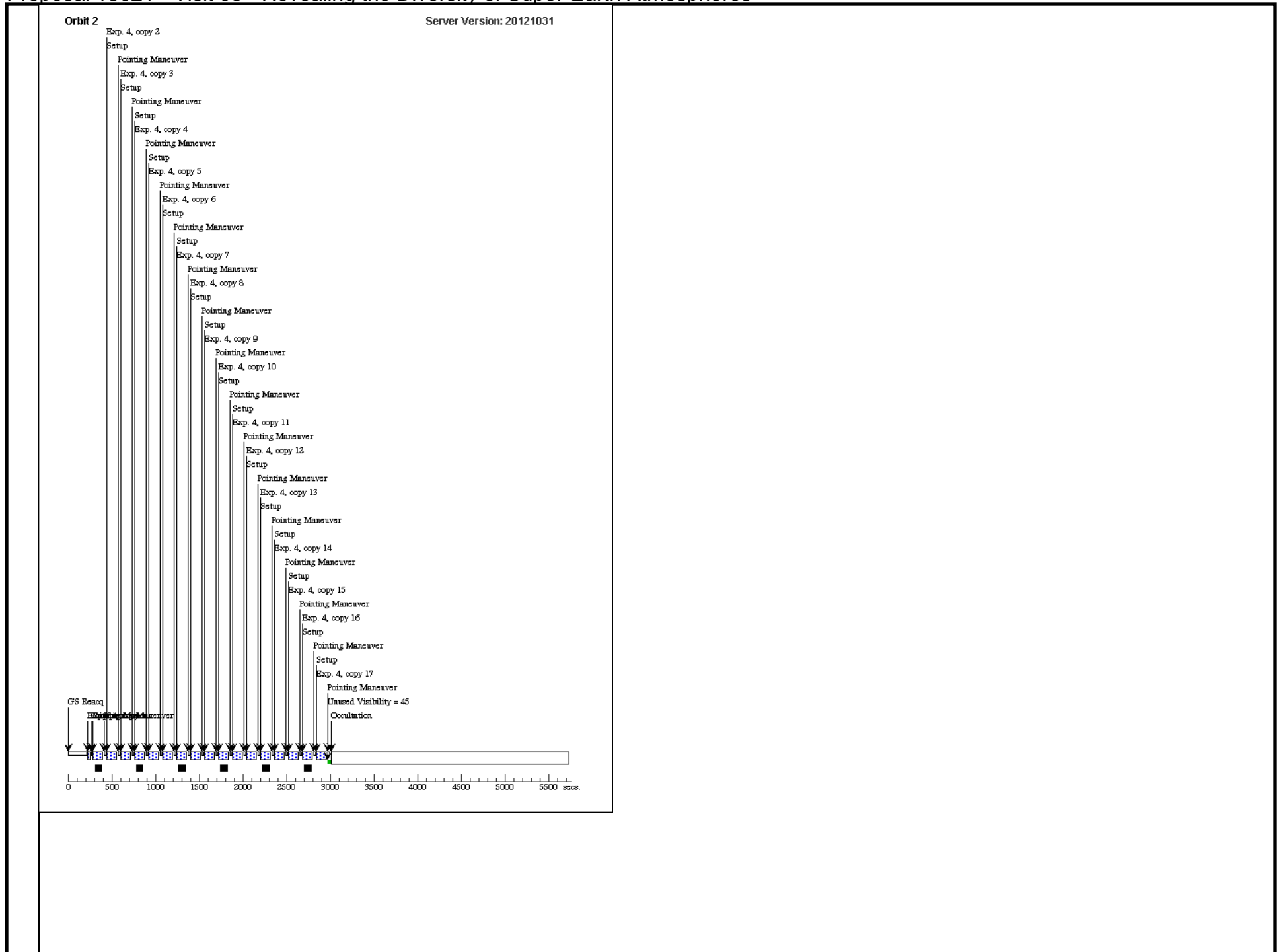
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	PHASE 0.8993 TO 0.9126	Sequence 1-2 Non-Int in Visit 05	[==>]	[1]
	2	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPARS10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-2 Non-Int in Visit 05	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)]	[1]
	3	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 3-4 Non-Int in Visit 05	[==>]	[2]
	4	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPARS10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 3-4 Non-Int in Visit 05	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
	5	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 5-6 Non-Int in Visit 05	[==>]	[3]

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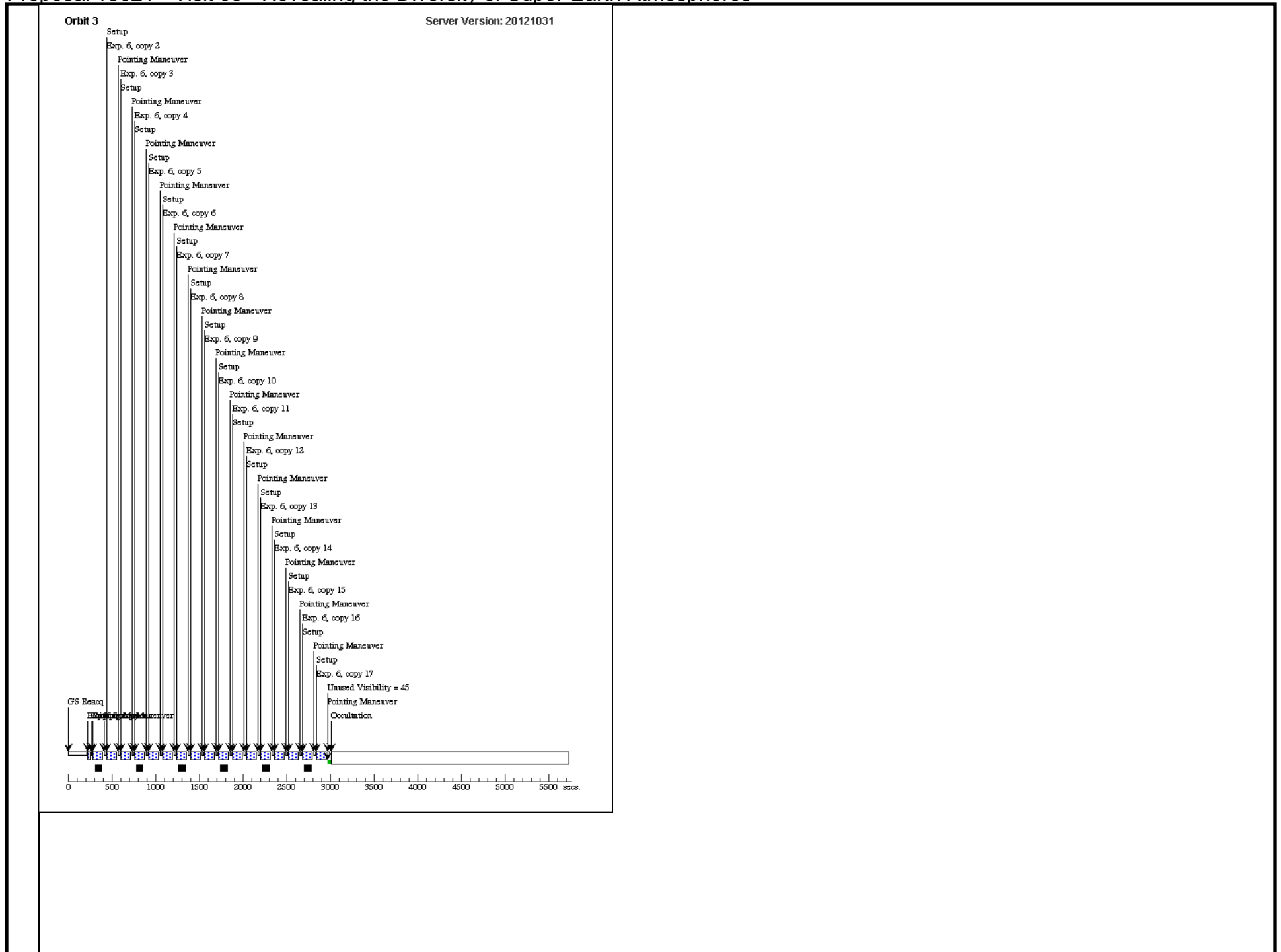
6	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPAR S10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 5-6 Non-Int in Visit 05	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[3]
7	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 7-8 Non-Int in Visit 05	[==>]	[4]
8	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPAR S10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 7-8 Non-Int in Visit 05	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]



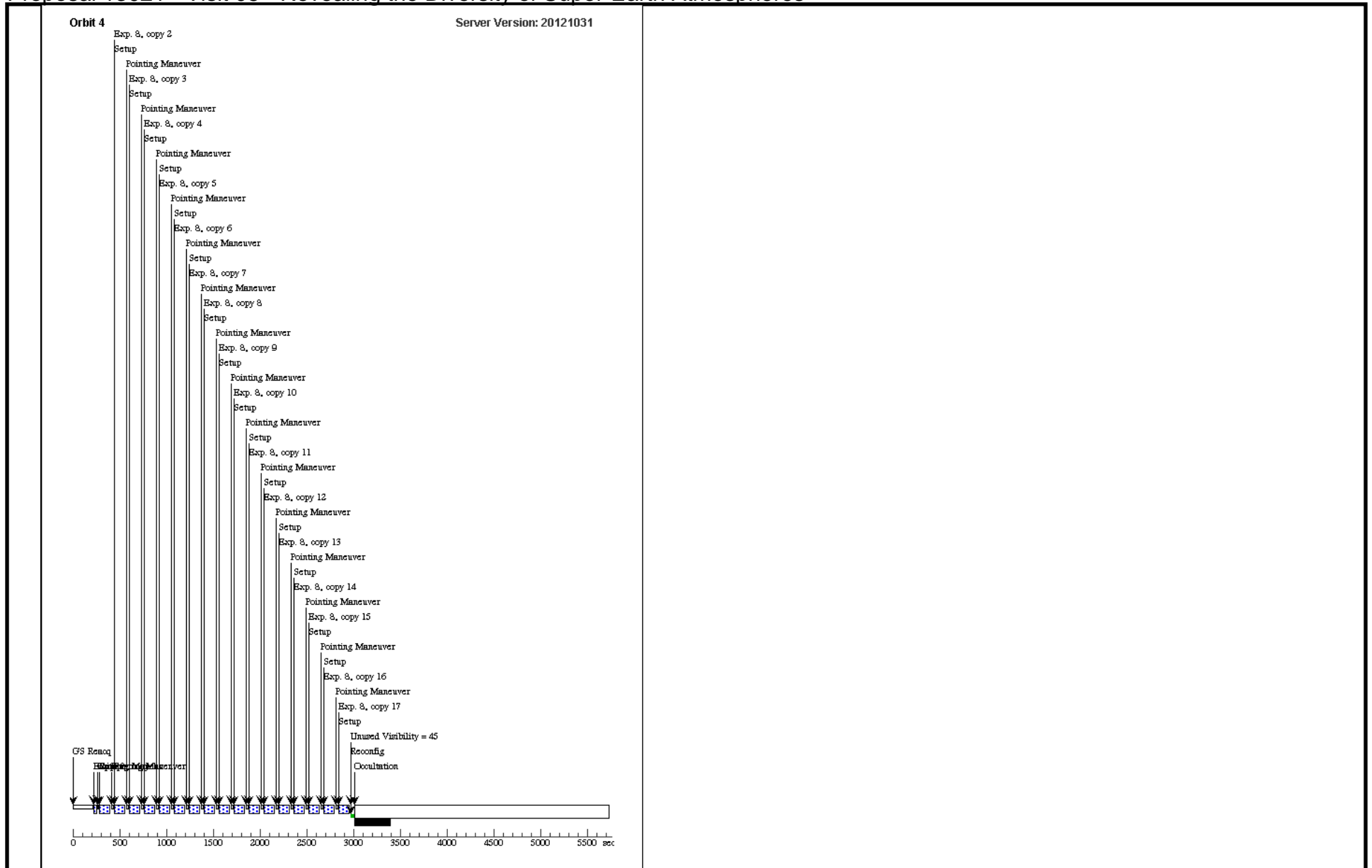
# Proposal 13021 - Visit 05 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 05 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 05 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 06 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:40:39 GMT 2013

<b>Visit</b>	<p><b>Proposal 13021, Visit 06, scheduling</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322</p> <p><i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i></p>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p>						

Proposal 13021 - Visit 06 - Revealing the Diversity of Super-Earth Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5 ; PHASE 0.8993 TO 0.9126	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
2		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
3		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
4		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
5		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
6	Exposures	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
7		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
8		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
9		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
10		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
11		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]

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12	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
13	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
14	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
15	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
16	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
17	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
18	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
19	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 06	[==>]	[1]
20	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
21	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
22	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]

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23	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
24	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
25	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
26	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
27	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
28	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
29	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
30	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
31	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
32	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
33	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]

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34	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
35	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
36	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
37	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
38	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
39	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 06	[==>]	[2]
40	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
41	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
42	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
43	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
44	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]

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45	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
46	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
47	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
48	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
49	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
50	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
51	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
52	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
53	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
54	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
55	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]

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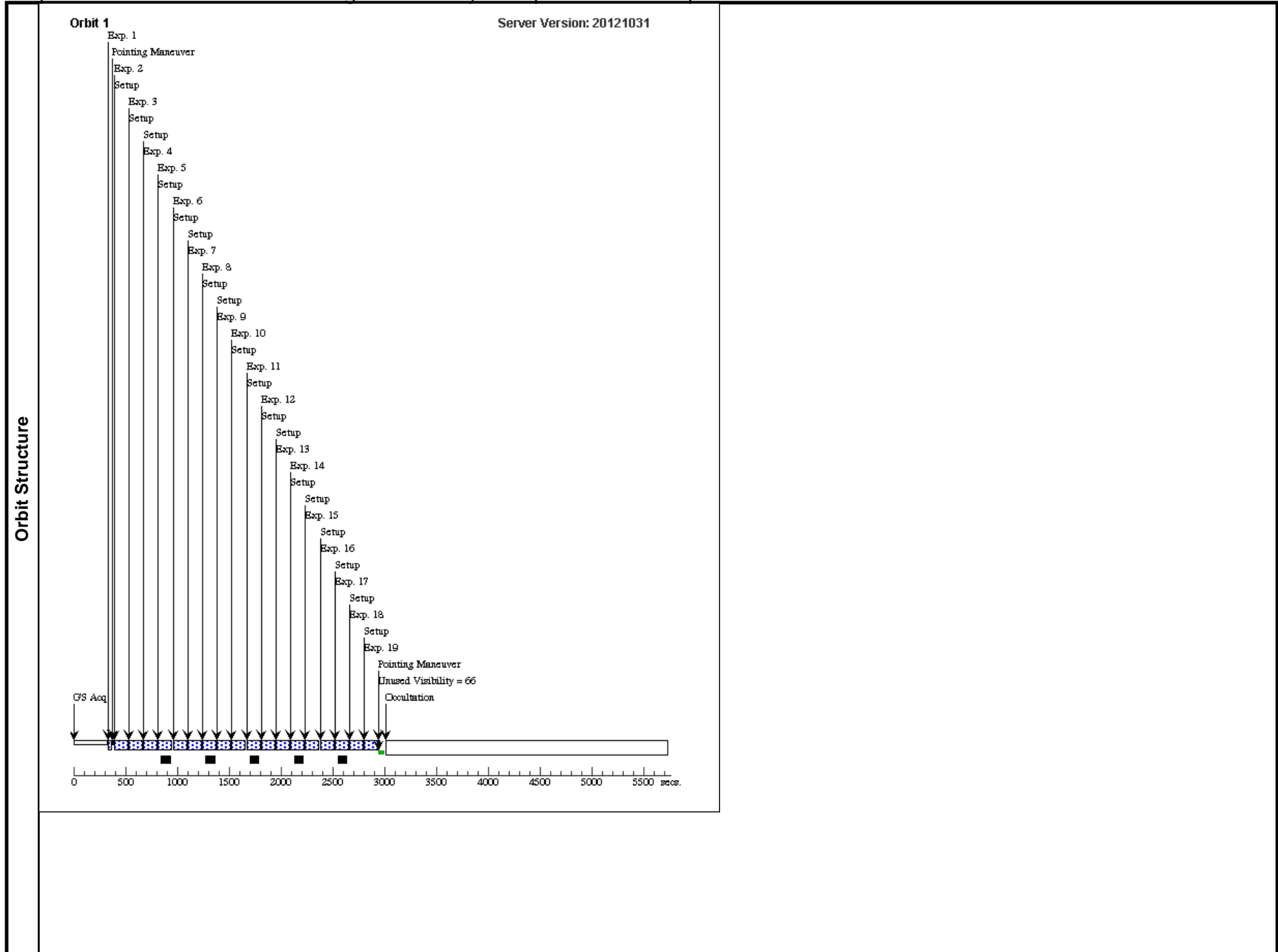
56	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
57	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
58	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
59	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 06	[==>]	[3]
60	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
61	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
62	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
63	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
64	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
65	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
66	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]

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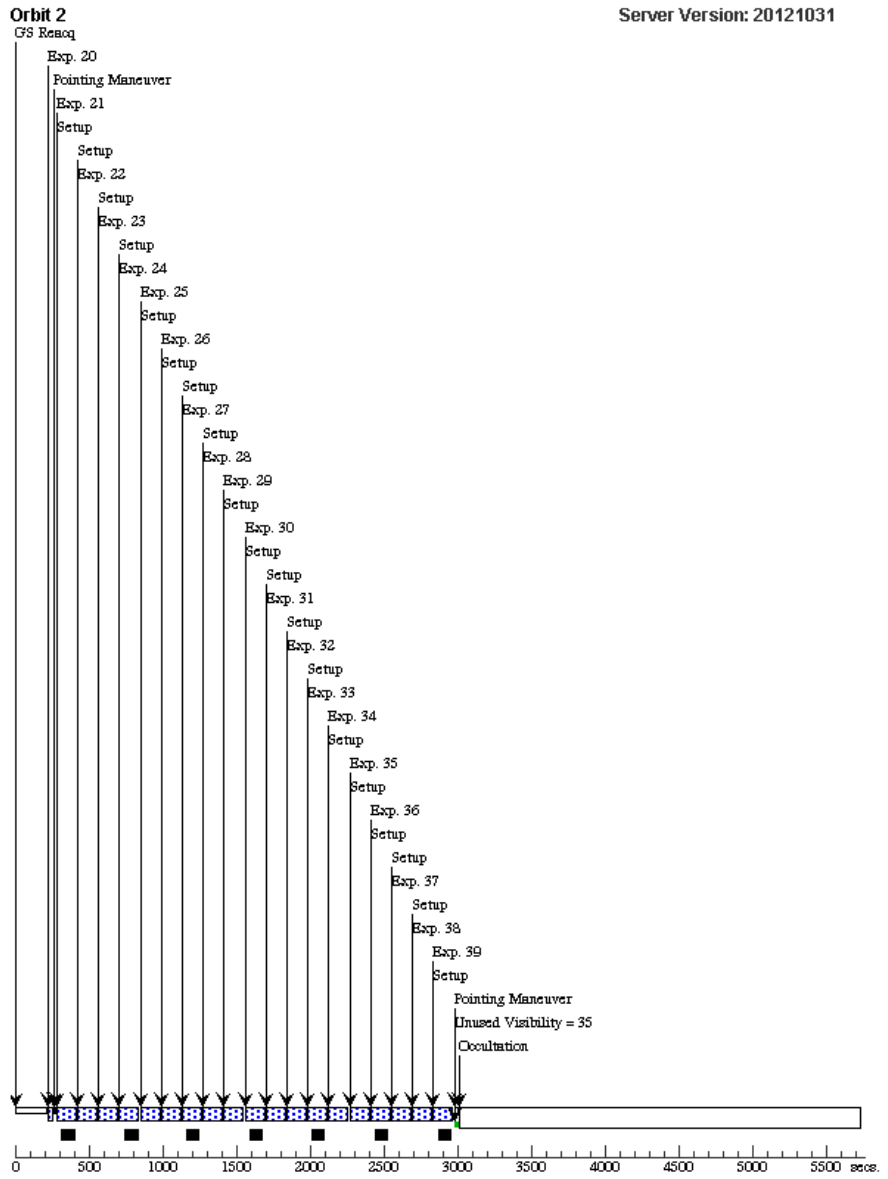
67	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
68	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
69	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
70	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
71	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
72	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
73	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
74	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
75	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
76	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]
77	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 06	[==>]	[4]

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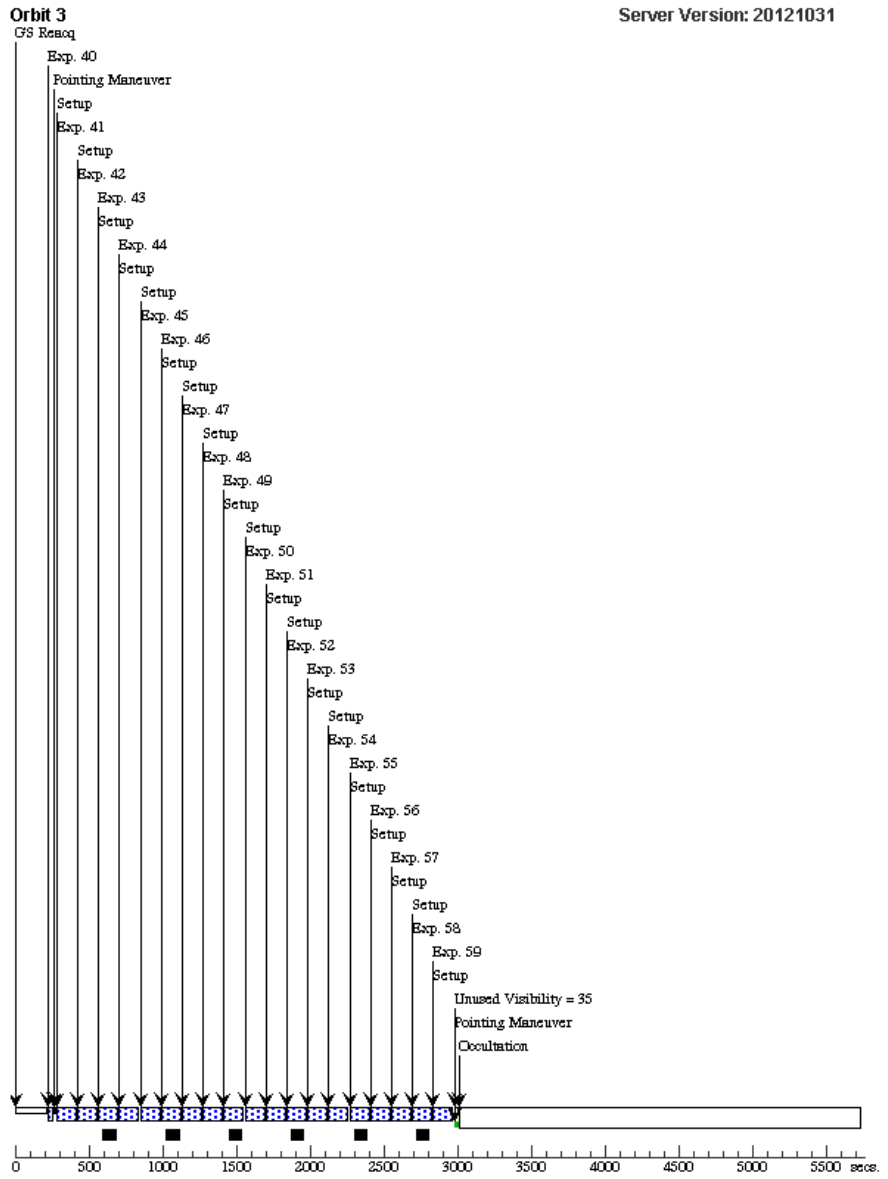
78	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reve rse	Sequence 60-79 Non -Int in Visit 06	[==>]	[4]
79	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forw ard	Sequence 60-79 Non -Int in Visit 06	[==>]	[4]



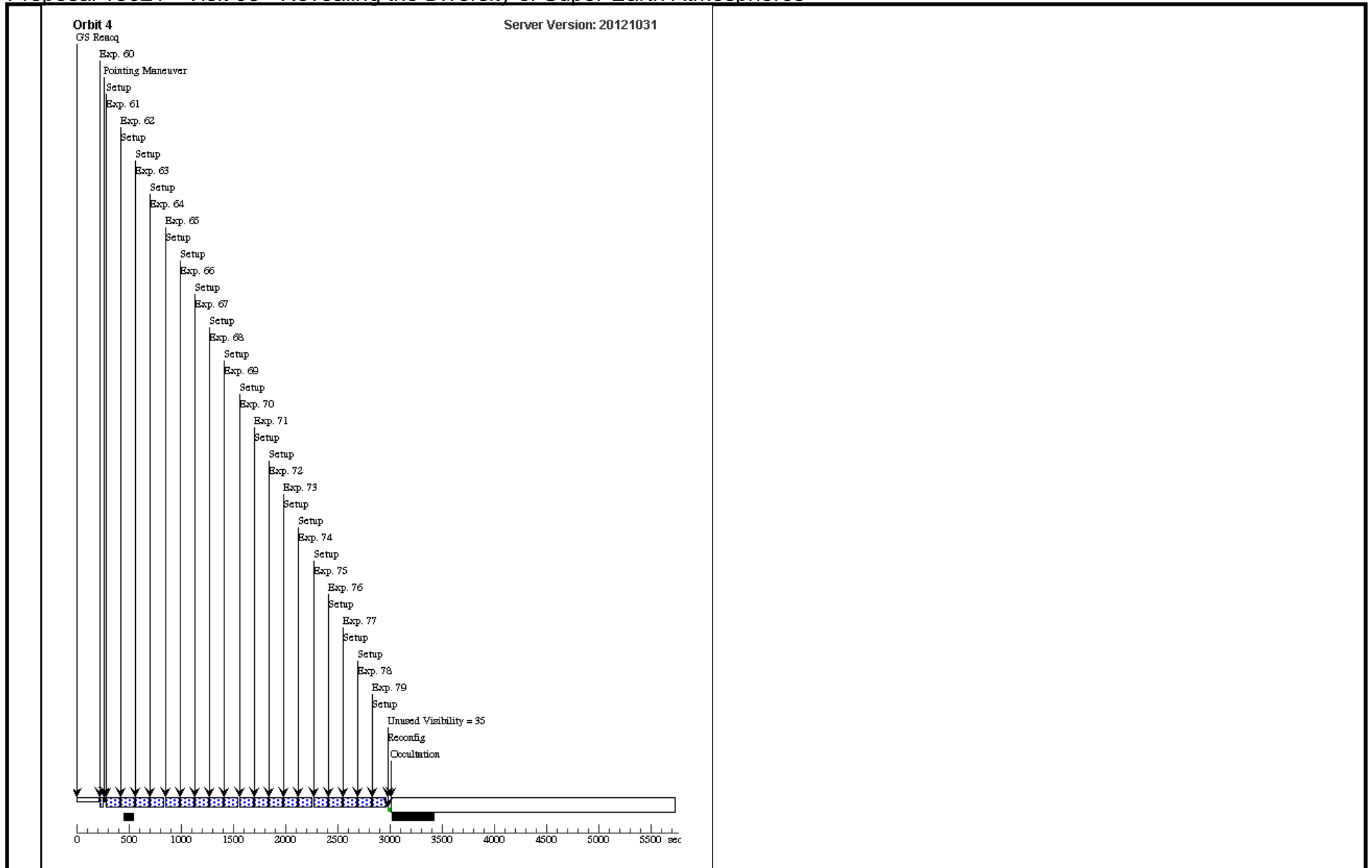
Server Version: 20121031



Server Version: 20121031



# Proposal 13021 - Visit 06 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 07 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:40:46 GMT 2013

<b>Visit</b>	<b>Proposal 13021, Visit 07, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322 <i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 13021 - Visit 07 - Revealing the Diversity of Super-Earth Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5 ; PHASE 0.8993 TO 0.9126	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
2		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
3		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
4		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
5		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
6		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
7		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
8		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
9		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
10		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
11		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]

Exposures

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12	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
13	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
14	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
15	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
16	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
17	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
18	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
19	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 07	[==>]	[1]
20	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
21	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
22	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]

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23	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
24	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
25	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
26	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
27	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
28	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
29	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
30	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
31	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
32	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
33	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]

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34	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
35	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
36	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
37	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
38	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
39	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 07	[==>]	[2]
40	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
41	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
42	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
43	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
44	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]

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45	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
46	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
47	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
48	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
49	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
50	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
51	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
52	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
53	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
54	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
55	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]

Proposal 13021 - Visit 07 - Revealing the Diversity of Super-Earth Atmospheres

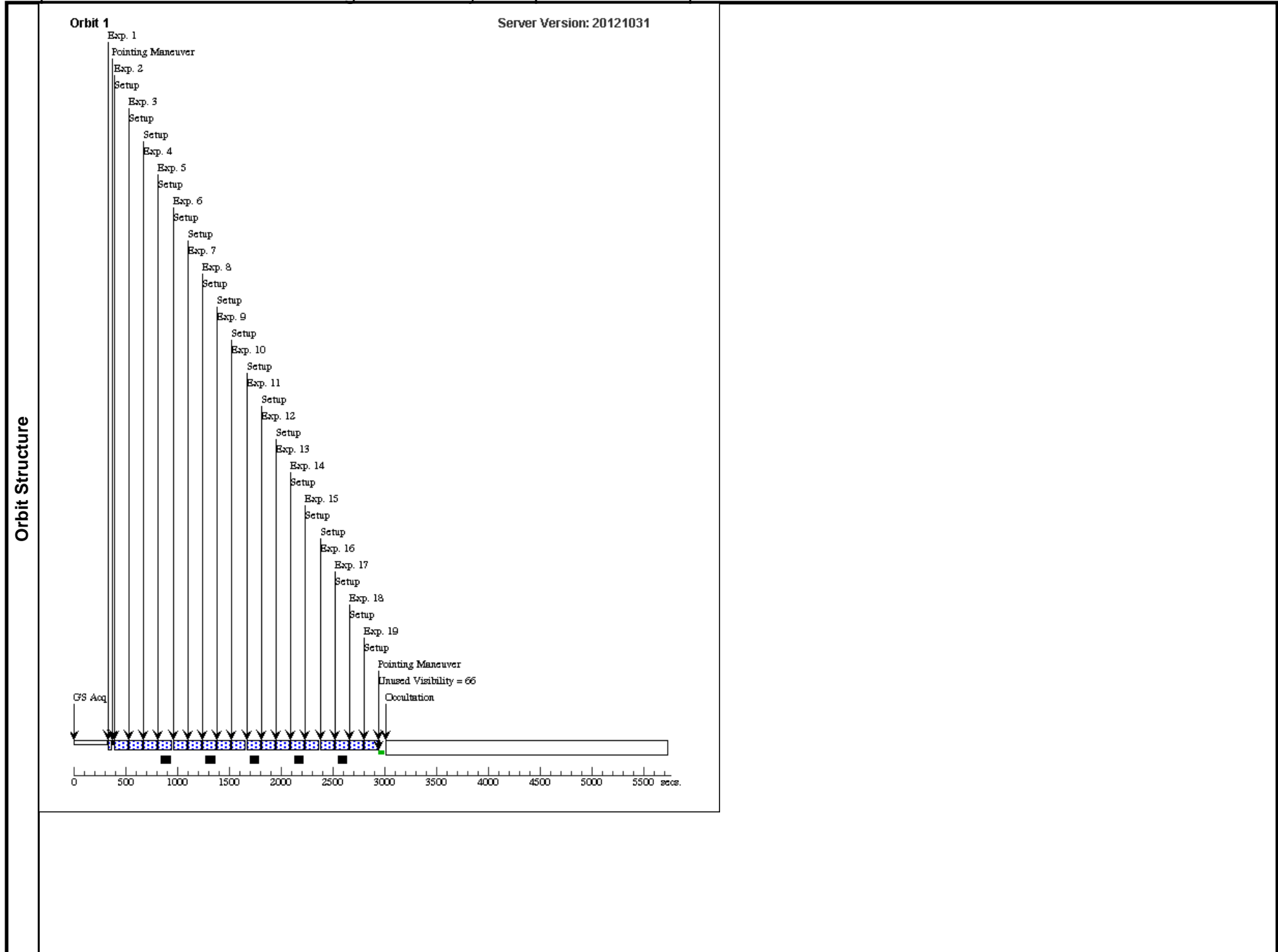
56	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
57	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
58	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
59	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 07	[==>]	[3]
60	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
61	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
62	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
63	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
64	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
65	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
66	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]

Proposal 13021 - Visit 07 - Revealing the Diversity of Super-Earth Atmospheres

67	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
68	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
69	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
70	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
71	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
72	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
73	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
74	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
75	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
76	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]
77	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 07	[==>]	[4]

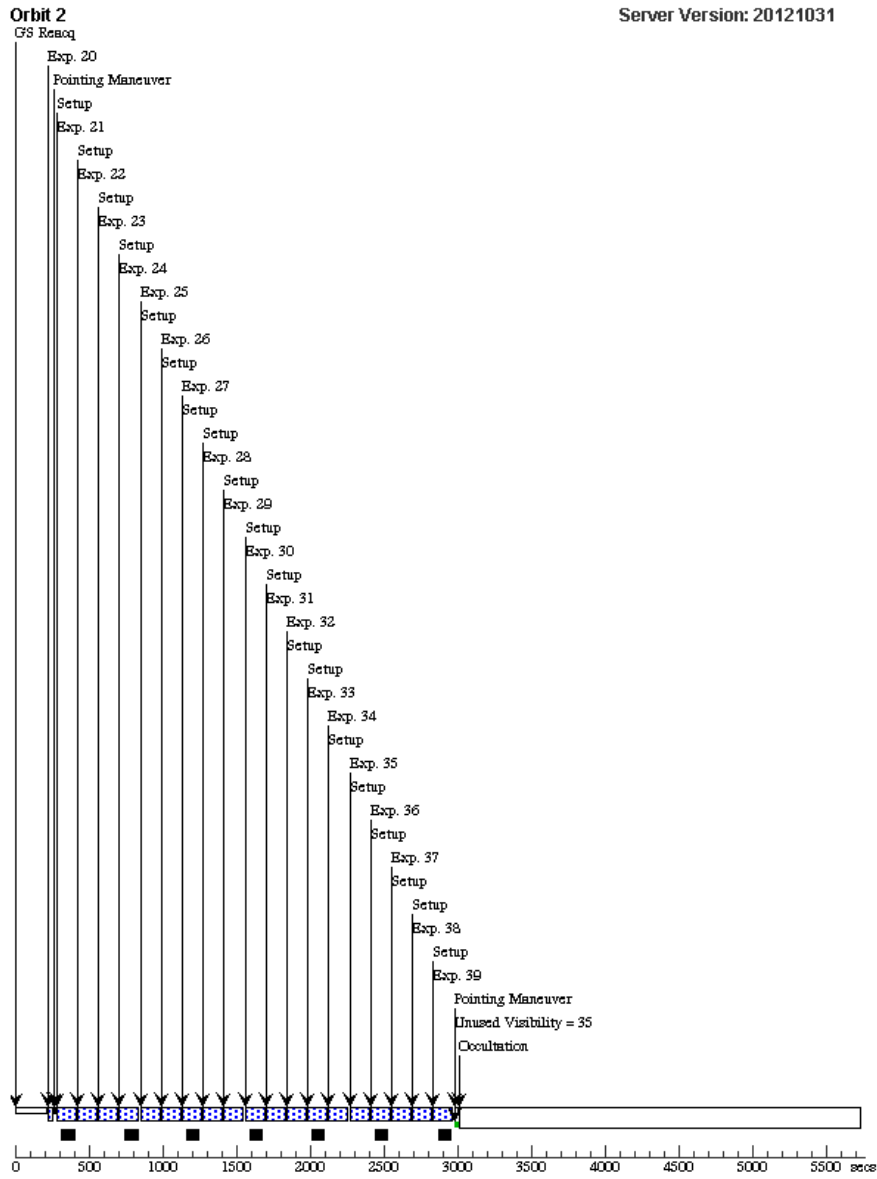
Proposal 13021 - Visit 07 - Revealing the Diversity of Super-Earth Atmospheres

78	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reve rse	Sequence 60-79 Non -Int in Visit 07	[==>]	[4]
79	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forw ard	Sequence 60-79 Non -Int in Visit 07	[==>]	[4]

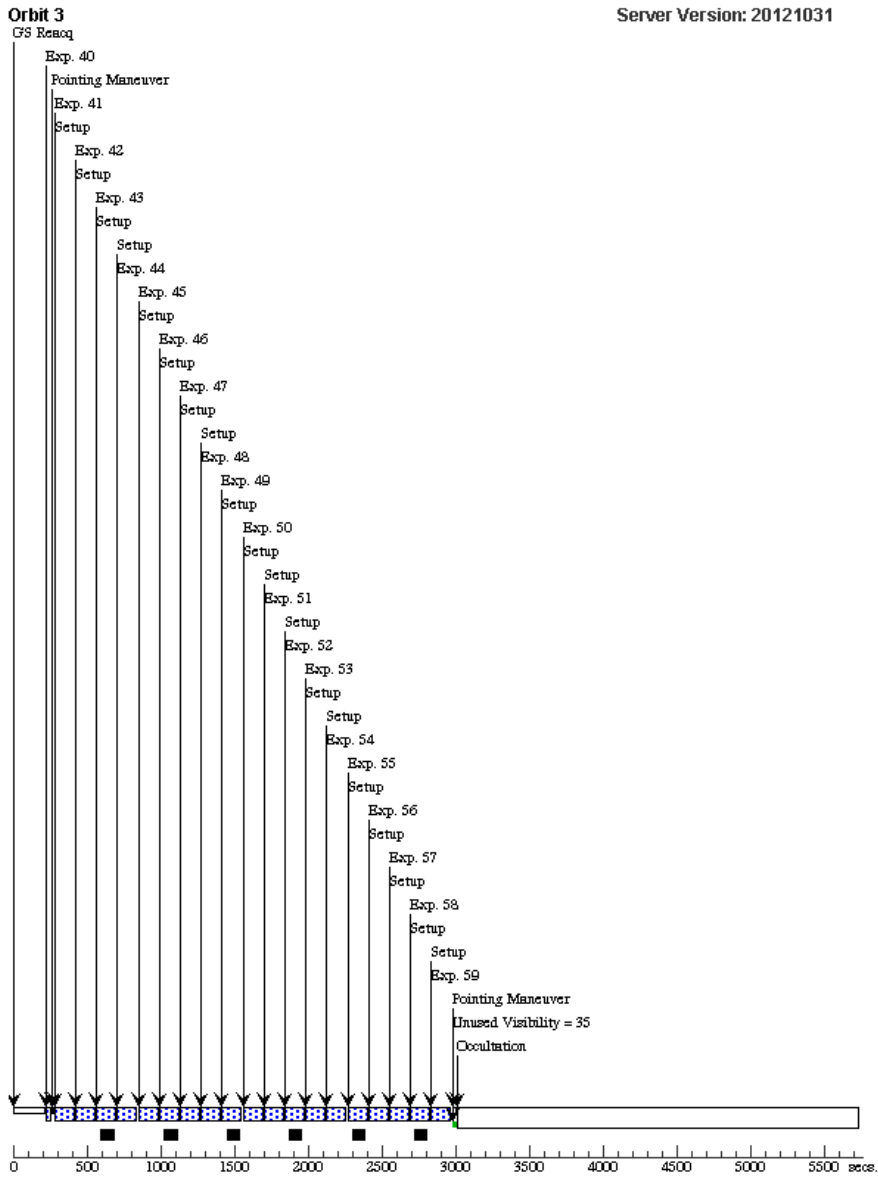


# Proposal 13021 - Visit 07 - Revealing the Diversity of Super-Earth Atmospheres

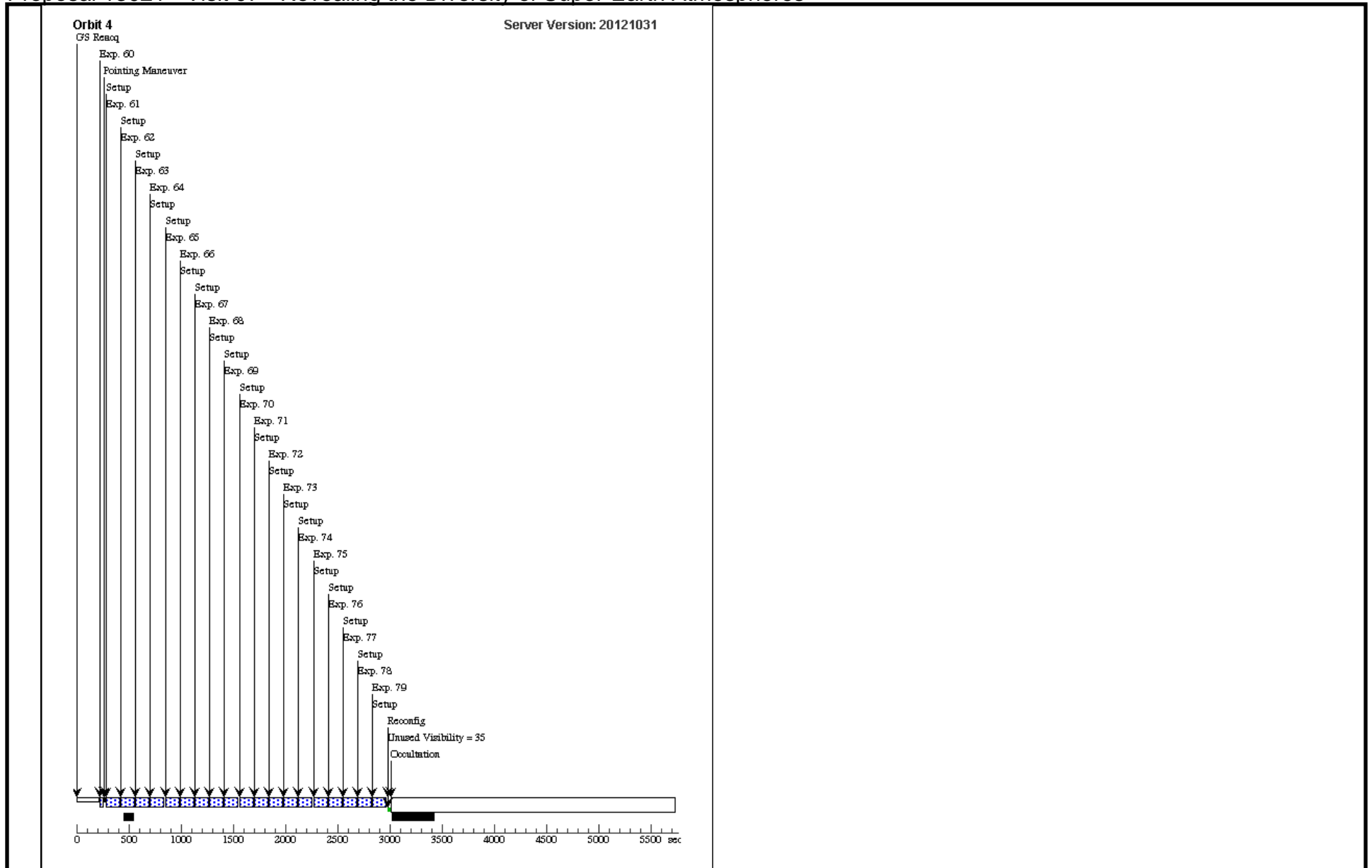
Server Version: 20121031



Server Version: 20121031



# Proposal 13021 - Visit 07 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 08 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:40:53 GMT 2013

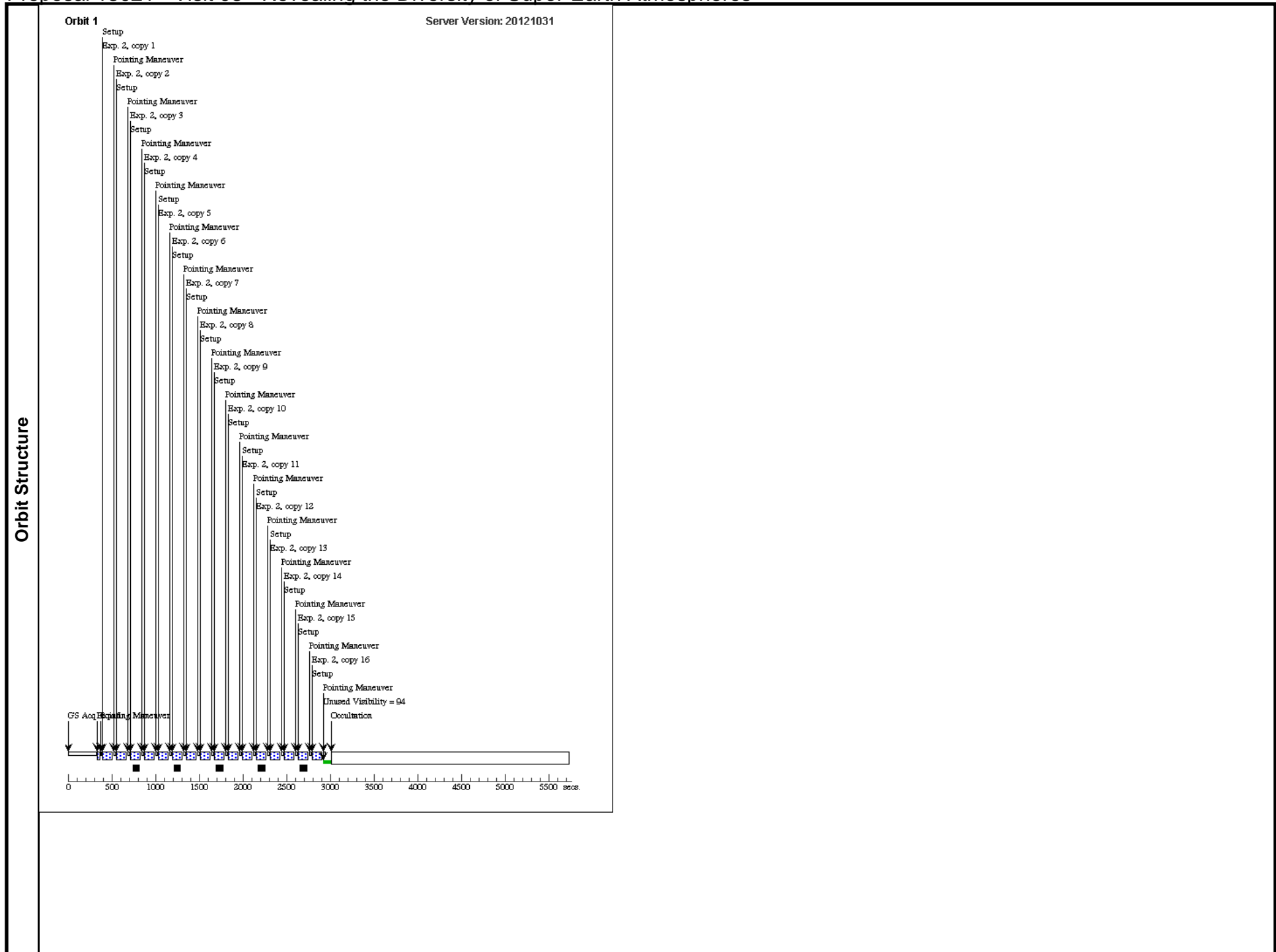
<b>Visit</b>	<p><b>Proposal 13021, Visit 08, completed</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322</p> <p><i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i></p>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p>						

Proposal 13021 - Visit 08 - Revealing the Diversity of Super-Earth Atmospheres

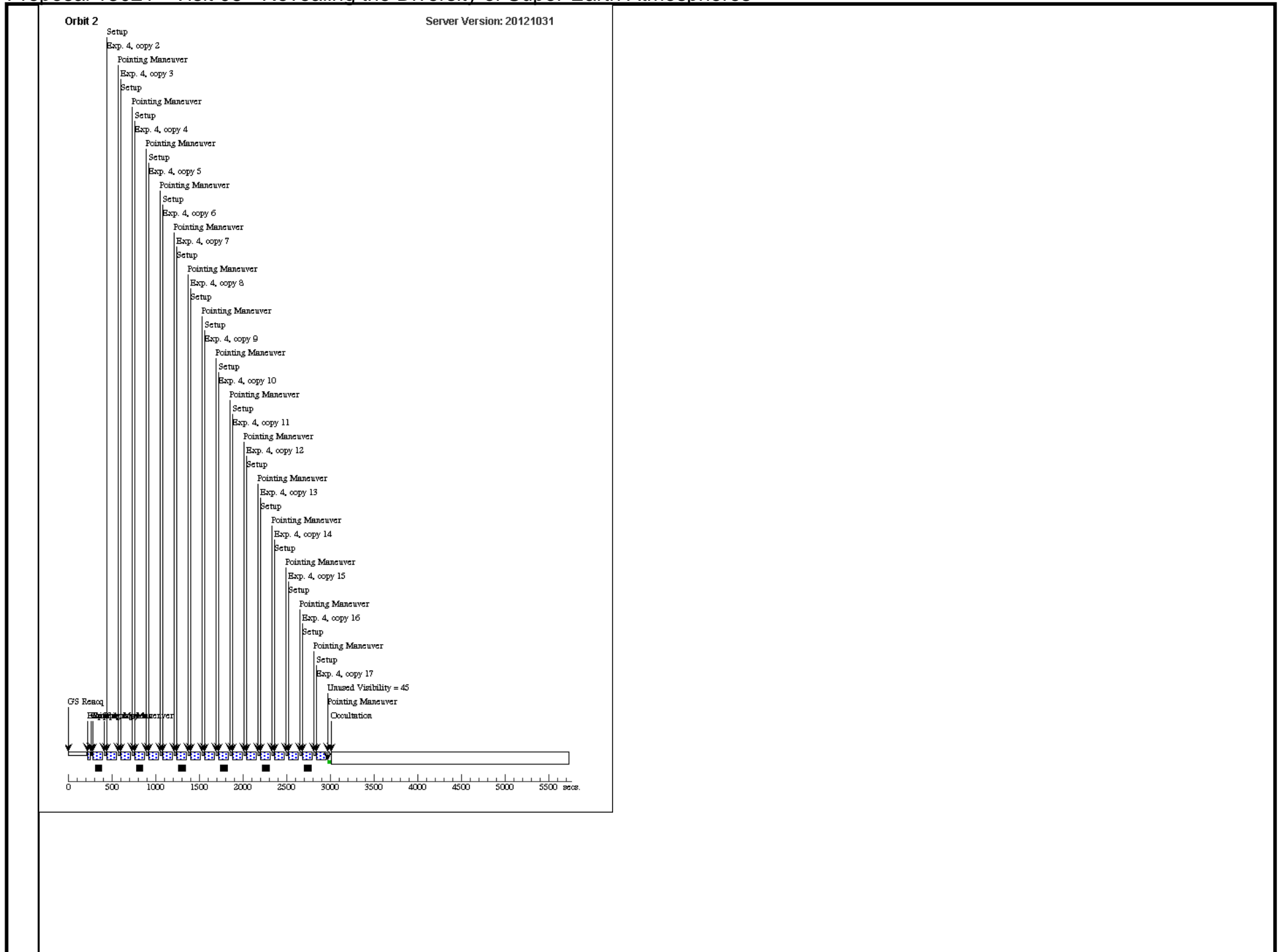
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	PHASE 0.8993 TO 0.9126	Sequence 1-2 Non-Int in Visit 08	[==>]	[1]
	2	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPARS10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-2 Non-Int in Visit 08	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)]	[1]
	3	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 3-4 Non-Int in Visit 08	[==>]	[2]
	4	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPARS10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 3-4 Non-Int in Visit 08	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
	5	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 5-6 Non-Int in Visit 08	[==>]	[3]

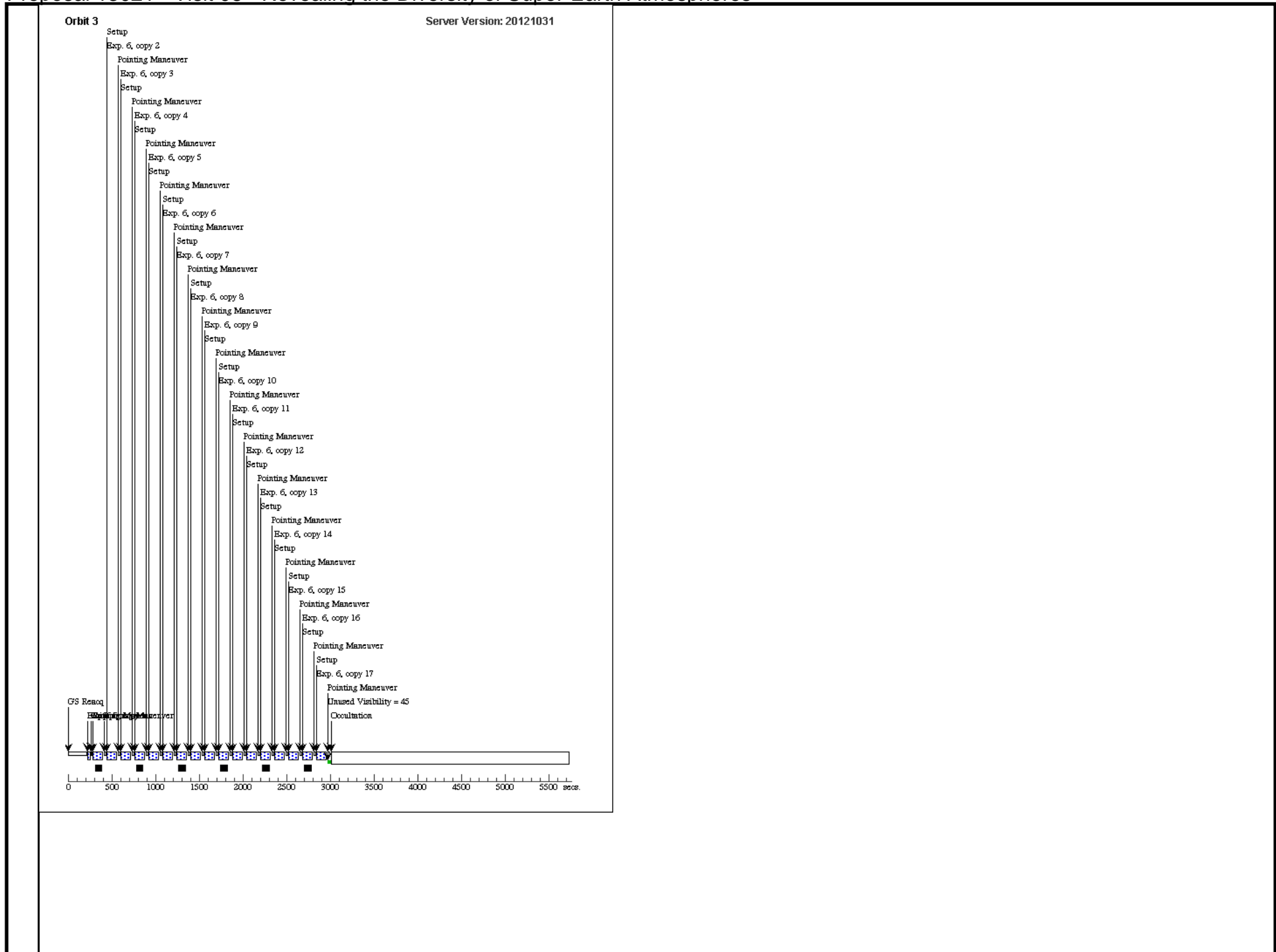
Proposal 13021 - Visit 08 - Revealing the Diversity of Super-Earth Atmospheres

6	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPAR S10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 5-6 Non-Int in Visit 08	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[3]
7	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID		Sequence 7-8 Non-Int in Visit 08	[==>]	[4]
8	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=13; SAMP-SEQ=SPAR S10	SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 7-8 Non-Int in Visit 08	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]

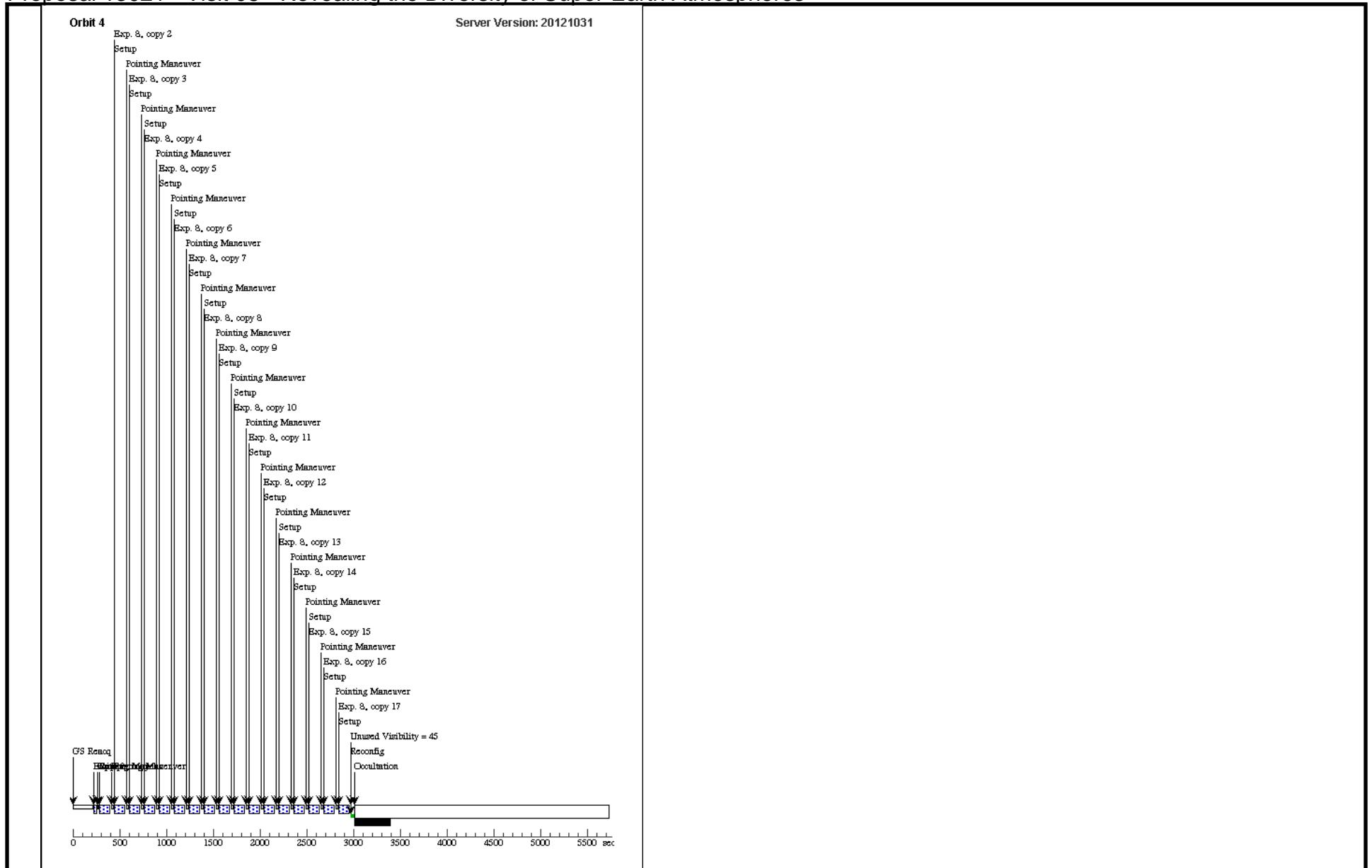


# Proposal 13021 - Visit 08 - Revealing the Diversity of Super-Earth Atmospheres





# Proposal 13021 - Visit 08 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 09 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:40:59 GMT 2013

<b>Visit</b>	<b>Proposal 13021, Visit 09, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322 <i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 13021 - Visit 09 - Revealing the Diversity of Super-Earth Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5 ; PHASE 0.8993 TO 0.9126	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
2		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
3		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
4		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
5		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
6		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
7		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
8		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
9		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
10		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
11		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]

Exposures

Proposal 13021 - Visit 09 - Revealing the Diversity of Super-Earth Atmospheres

12	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
13	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
14	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
15	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
16	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
17	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
18	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
19	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 09	[==>]	[1]
20	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
21	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
22	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]

Proposal 13021 - Visit 09 - Revealing the Diversity of Super-Earth Atmospheres

23	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
24	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
25	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
26	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
27	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
28	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
29	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
30	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
31	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
32	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
33	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]

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34	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
35	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
36	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
37	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
38	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
39	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 09	[==>]	[2]
40	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
41	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
42	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
43	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
44	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]

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45	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
46	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
47	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
48	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
49	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
50	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
51	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
52	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
53	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
54	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
55	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]

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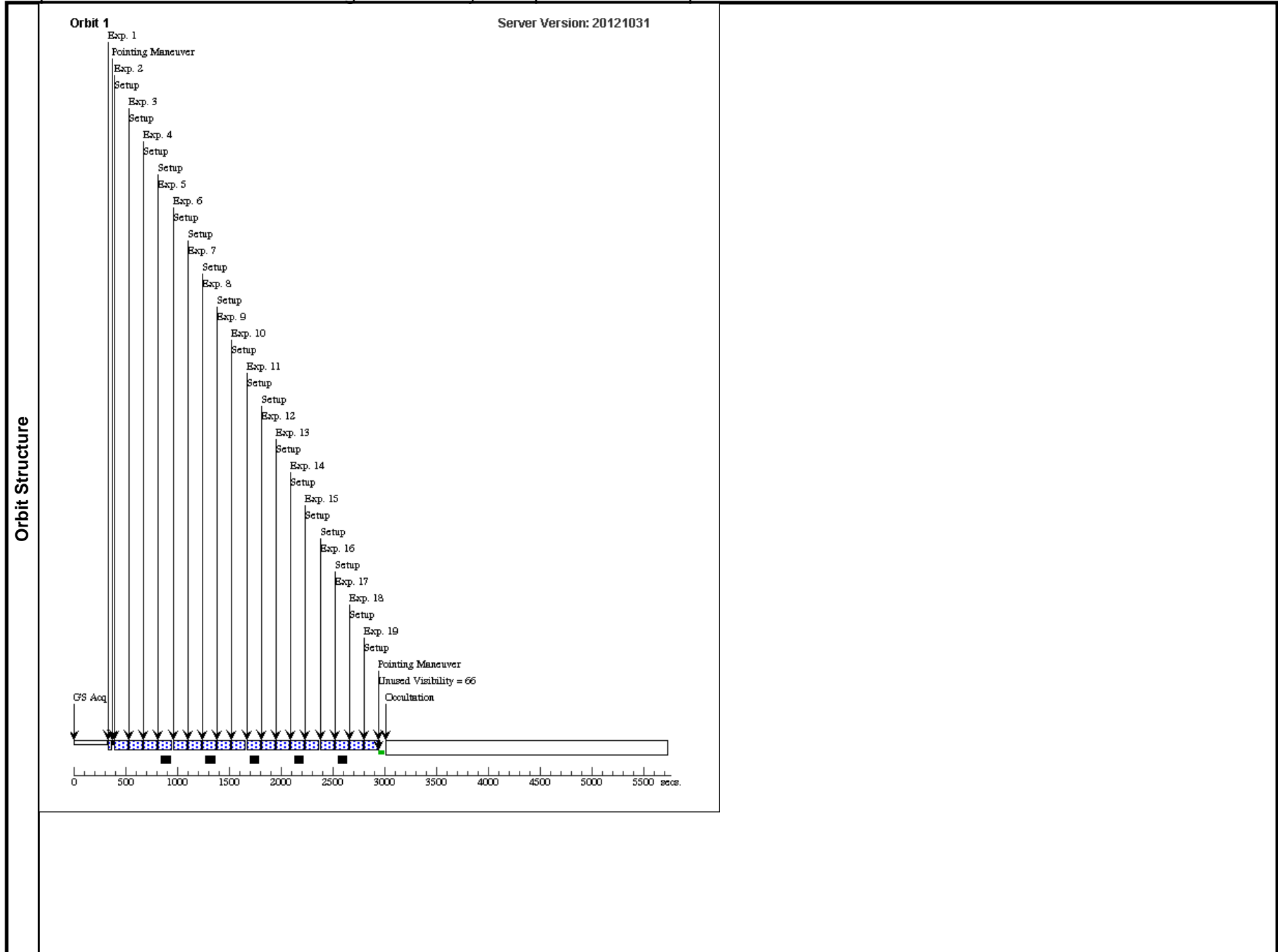
56	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
57	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
58	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
59	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 09	[==>]	[3]
60	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
61	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
62	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
63	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
64	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
65	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
66	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]

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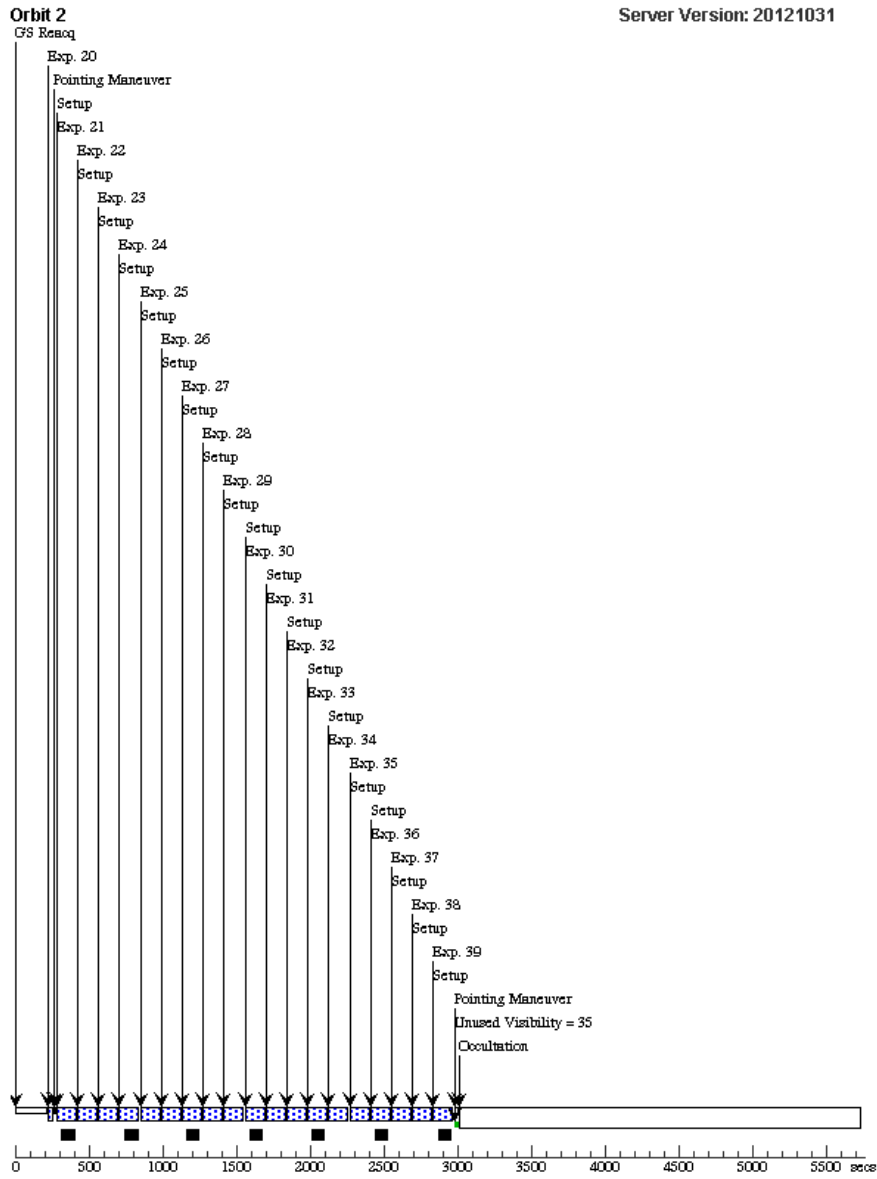
67	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
68	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
69	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
70	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
71	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
72	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
73	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
74	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
75	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
76	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]
77	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 09	[==>]	[4]

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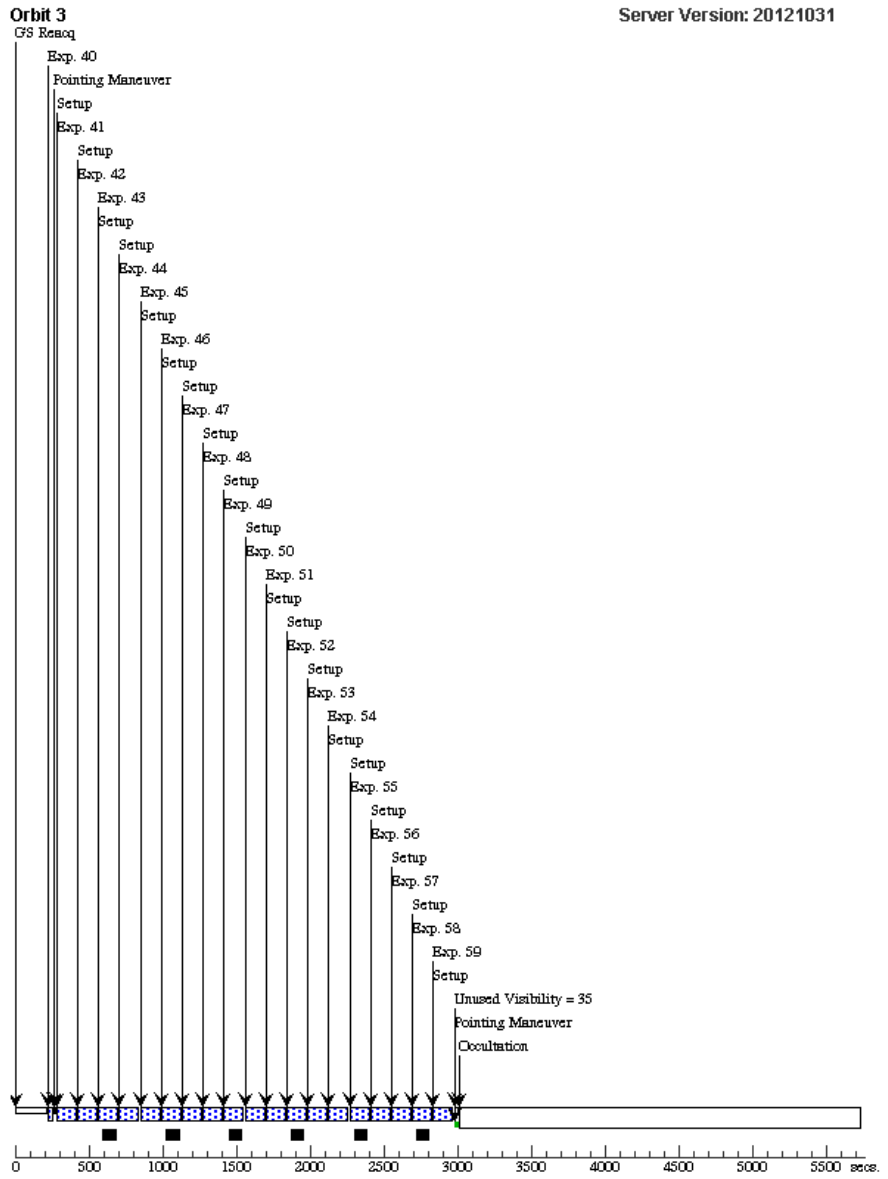
78	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reve rse	Sequence 60-79 Non -Int in Visit 09	[==>]	[4]
79	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forw ard	Sequence 60-79 Non -Int in Visit 09	[==>]	[4]



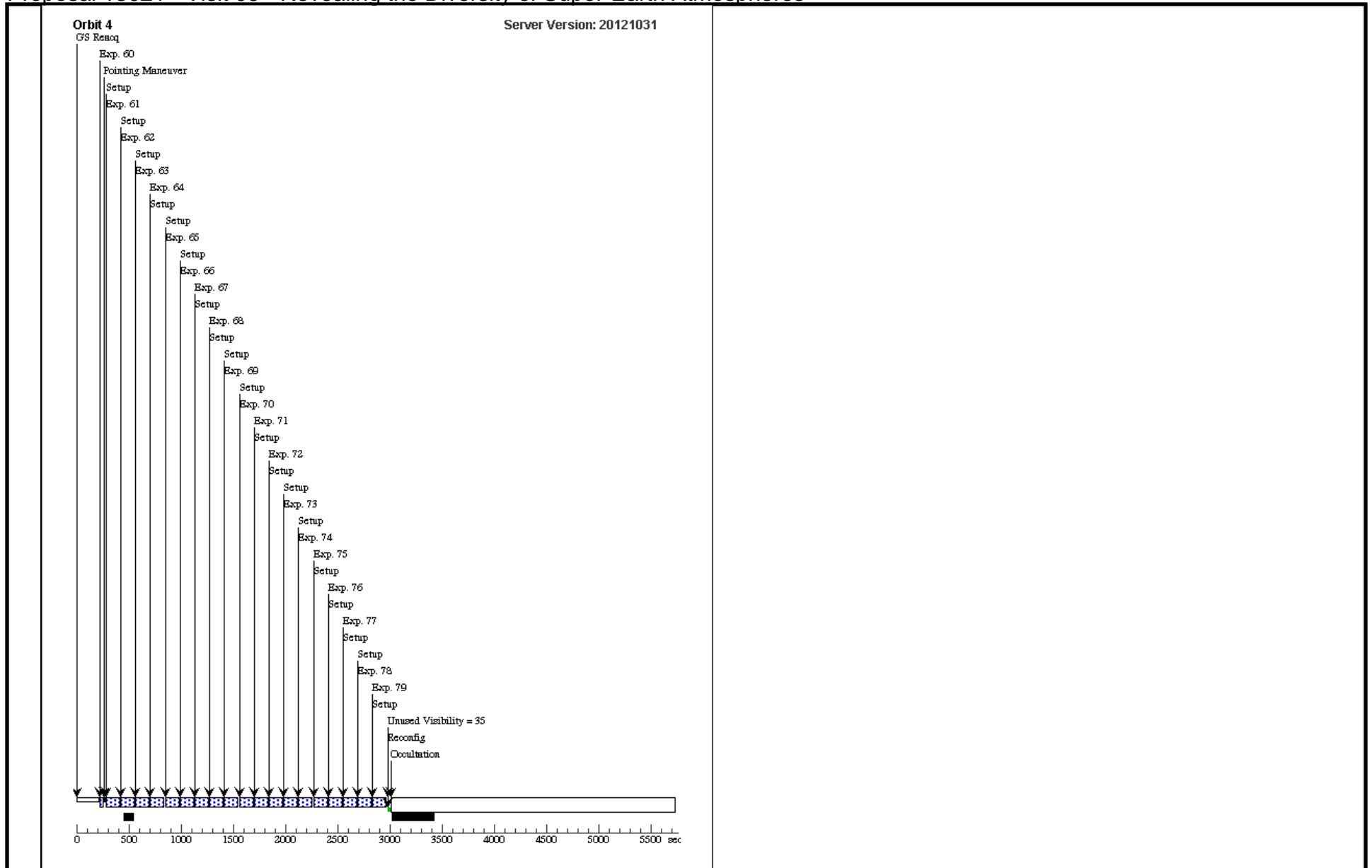
# Proposal 13021 - Visit 09 - Revealing the Diversity of Super-Earth Atmospheres



Server Version: 20121031



# Proposal 13021 - Visit 09 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 10 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:41:06 GMT 2013

<b>Visit</b>	<b>Proposal 13021, Visit 10, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322 <i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5 ; PHASE 0.8993 TO 0.9126	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
2		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
3		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
4		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
5		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
6		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
7		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
8		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
9		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
10		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
11		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]

Exposures

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12	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
13	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
14	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
15	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
16	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
17	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
18	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
19	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 10	[==>]	[1]
20	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
21	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
22	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]

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23	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
24	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
25	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
26	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
27	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
28	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
29	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
30	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
31	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
32	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
33	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]

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34	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
35	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
36	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
37	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
38	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
39	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 10	[==>]	[2]
40	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
41	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
42	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
43	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
44	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]

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45	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
46	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
47	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
48	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
49	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
50	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
51	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
52	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
53	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
54	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
55	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]

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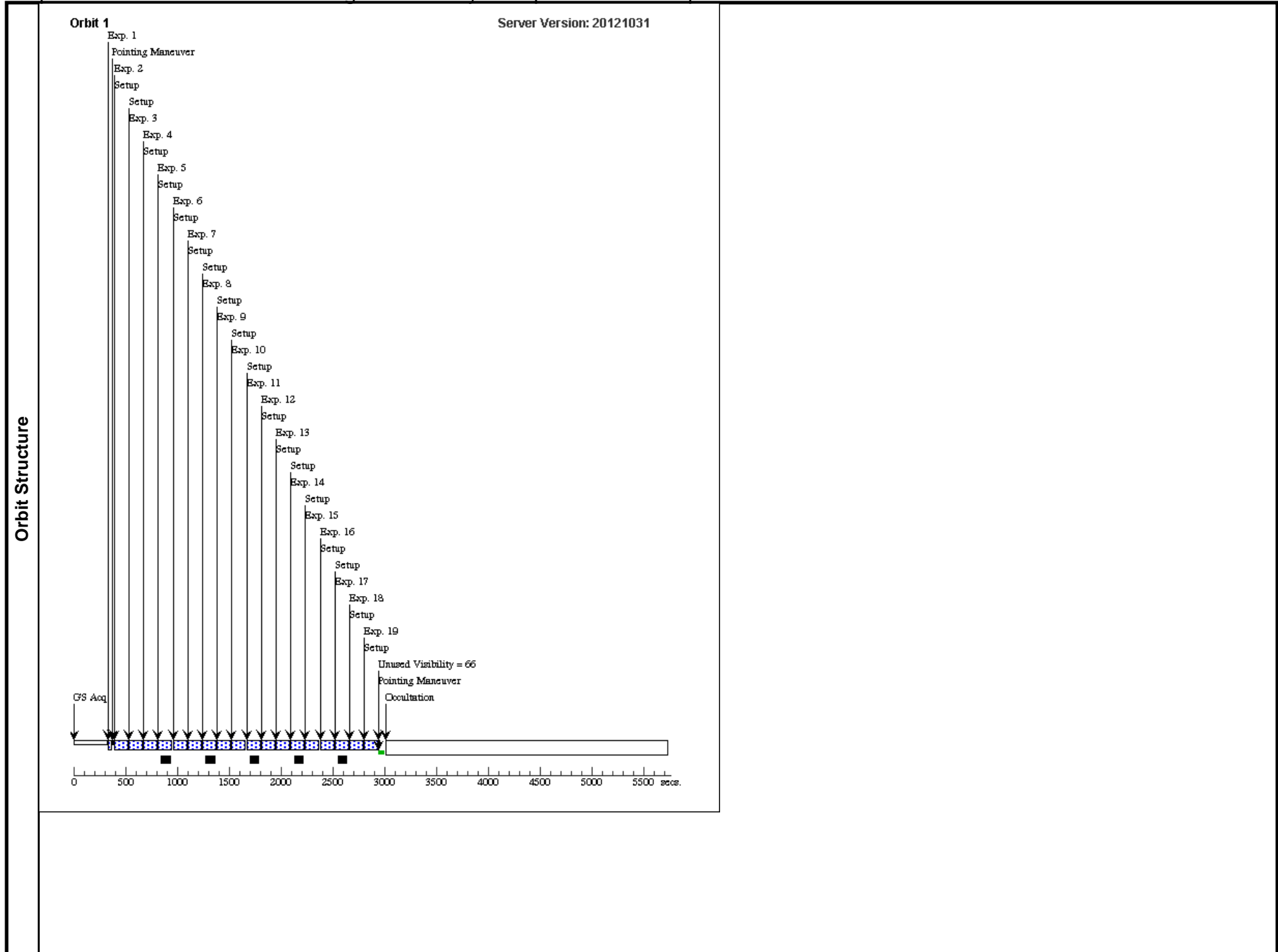
56	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
57	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
58	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
59	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 10	[==>]	[3]
60	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
61	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
62	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
63	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
64	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
65	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
66	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]

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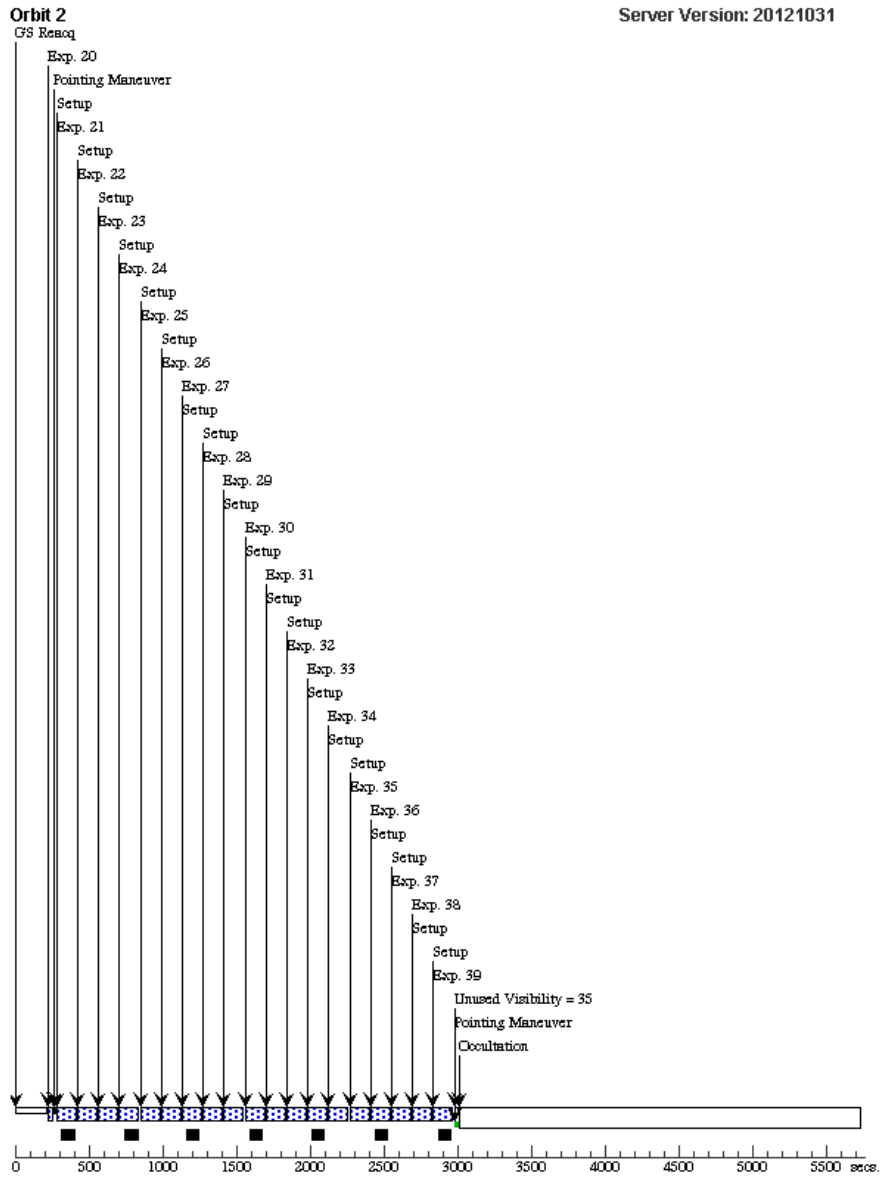
67	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
68	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
69	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
70	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
71	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
72	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
73	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
74	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
75	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
76	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]
77	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 10	[==>]	[4]

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78	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reve rse	Sequence 60-79 Non -Int in Visit 10	[==>]	[4]
79	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forw ard	Sequence 60-79 Non -Int in Visit 10	[==>]	[4]



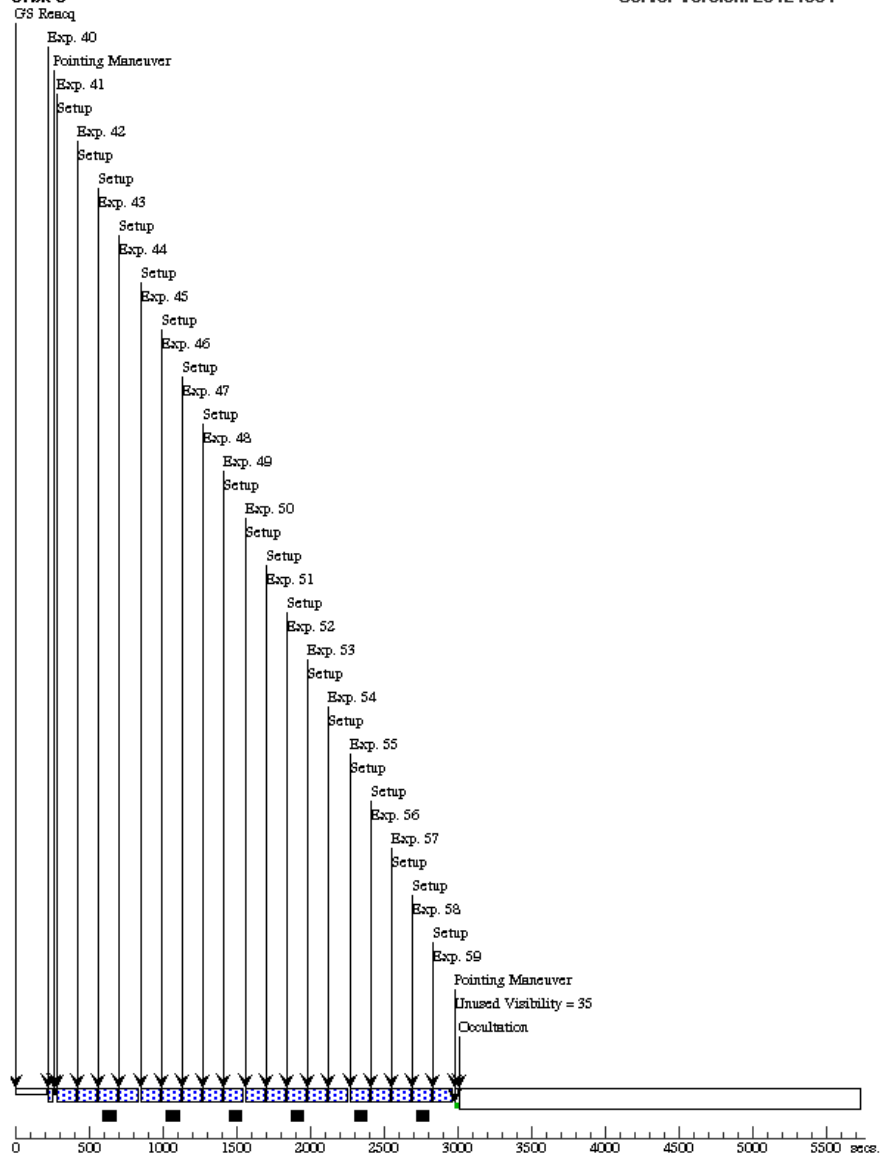
# Proposal 13021 - Visit 10 - Revealing the Diversity of Super-Earth Atmospheres



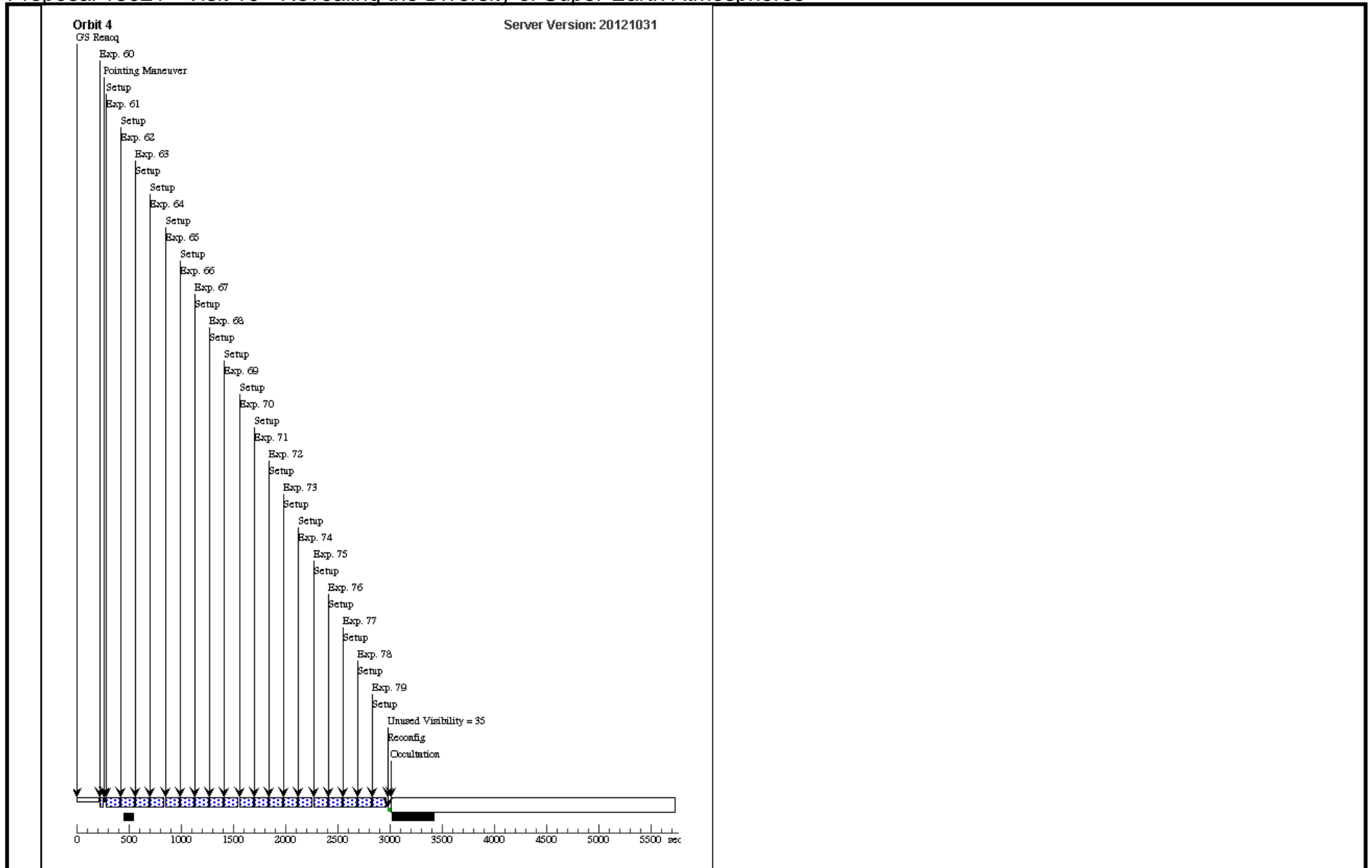
# Proposal 13021 - Visit 10 - Revealing the Diversity of Super-Earth Atmospheres

Orbit 3

Server Version: 20121031



# Proposal 13021 - Visit 10 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 11 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:41:13 GMT 2013

<b>Visit</b>	<b>Proposal 13021, Visit 11, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322 <i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5 ; PHASE 0.8993 TO 0.9126	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
2		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
3		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
4		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
5		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
6		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
7		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
8		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
9		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
10		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
11		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]

Exposures

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12	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
13	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
14	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
15	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
16	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
17	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
18	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
19	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 11	[==>]	[1]
20	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
21	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
22	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]

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23	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
24	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
25	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
26	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
27	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
28	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
29	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
30	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
31	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
32	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
33	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]

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34	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
35	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
36	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
37	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
38	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
39	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 11	[==>]	[2]
40	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
41	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
42	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
43	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
44	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]

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45	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
46	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
47	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
48	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
49	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
50	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
51	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
52	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
53	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
54	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
55	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]

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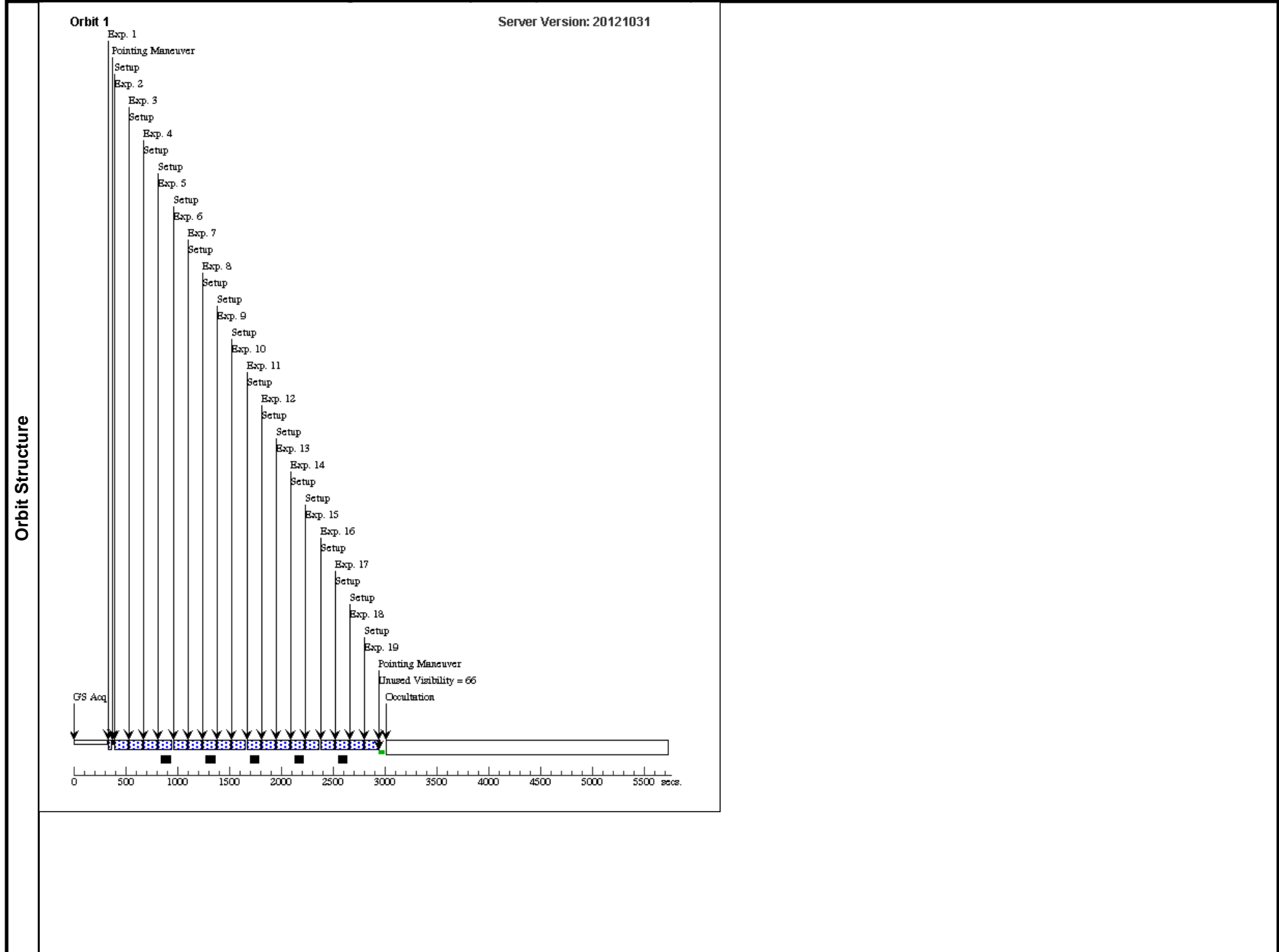
56	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
57	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
58	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
59	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 11	[==>]	[3]
60	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
61	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
62	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
63	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
64	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
65	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
66	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]

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67	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
68	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
69	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
70	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
71	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
72	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
73	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
74	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
75	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
76	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]
77	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 11	[==>]	[4]

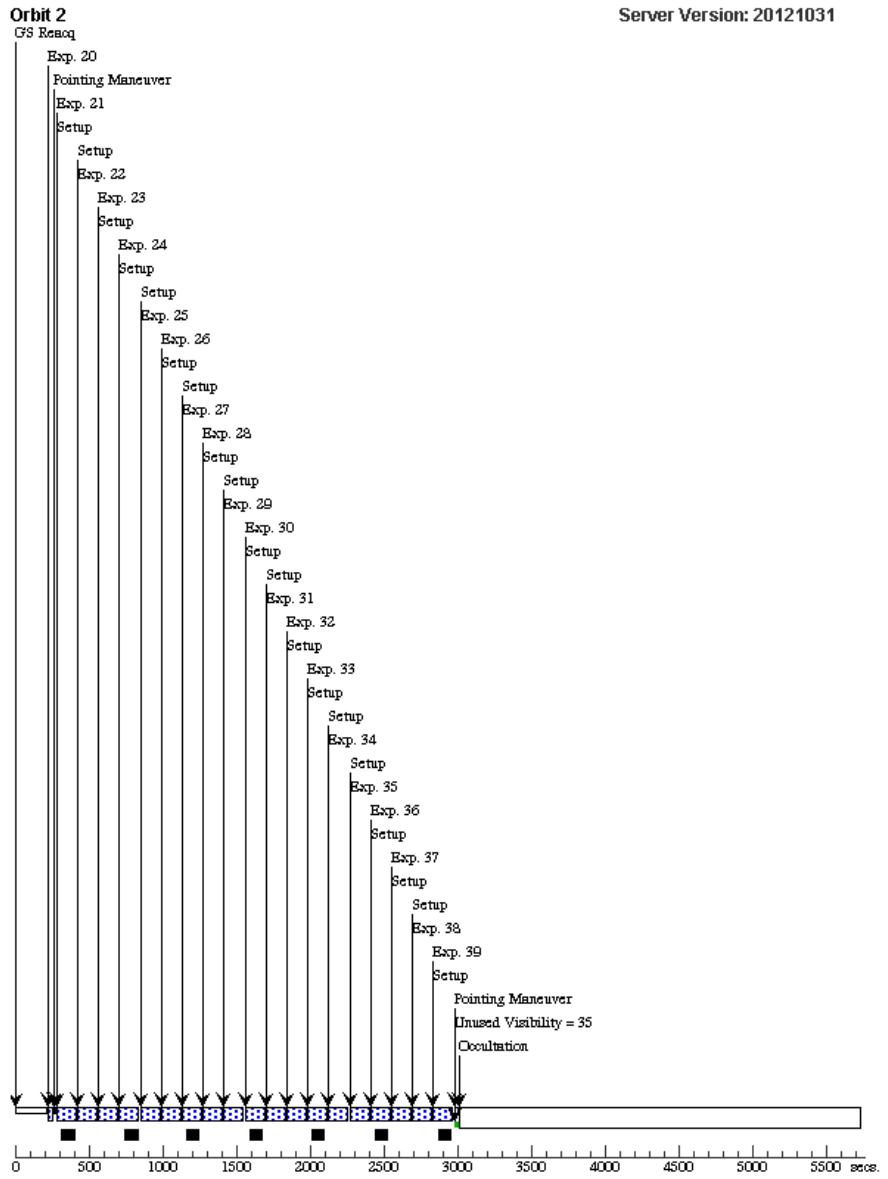
Proposal 13021 - Visit 11 - Revealing the Diversity of Super-Earth Atmospheres

78	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reve rse	Sequence 60-79 Non -Int in Visit 11	[==>]	[4]
79	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forw ard	Sequence 60-79 Non -Int in Visit 11	[==>]	[4]



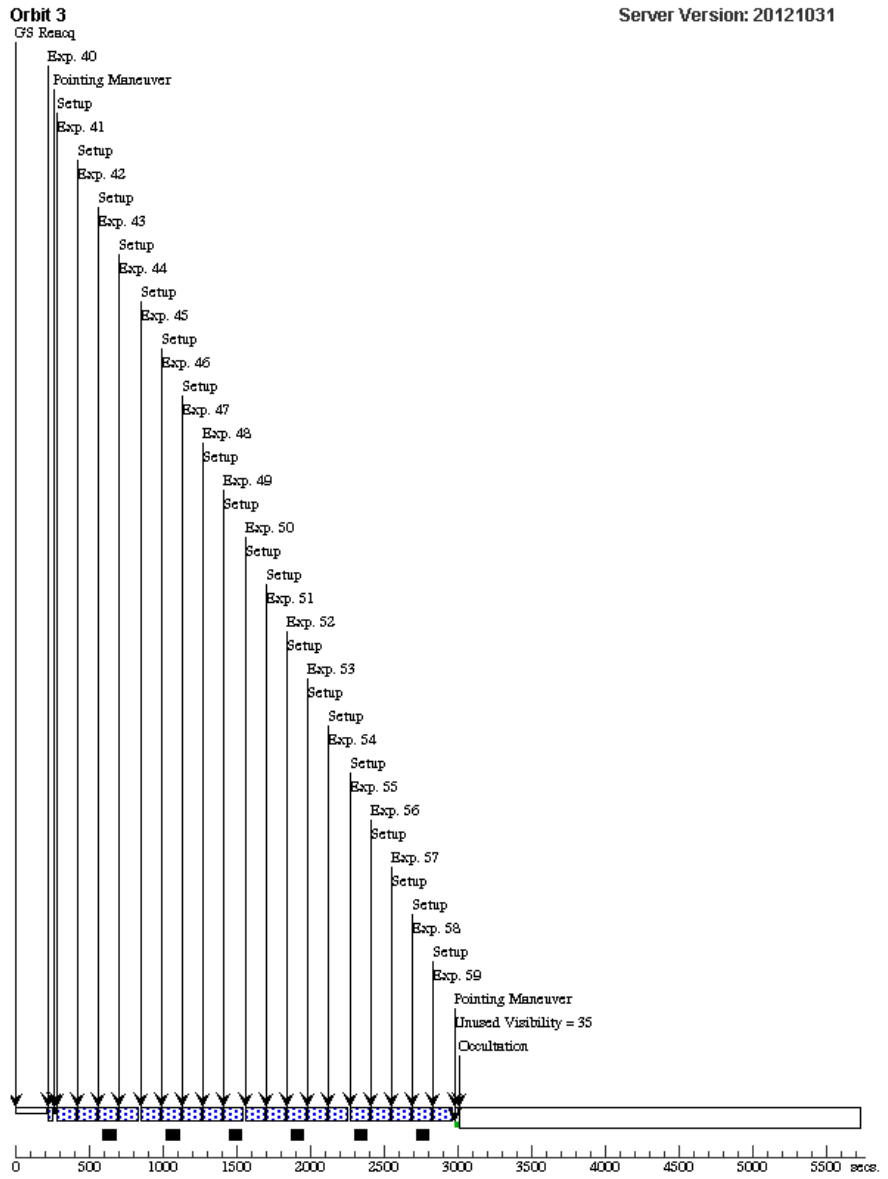
# Proposal 13021 - Visit 11 - Revealing the Diversity of Super-Earth Atmospheres

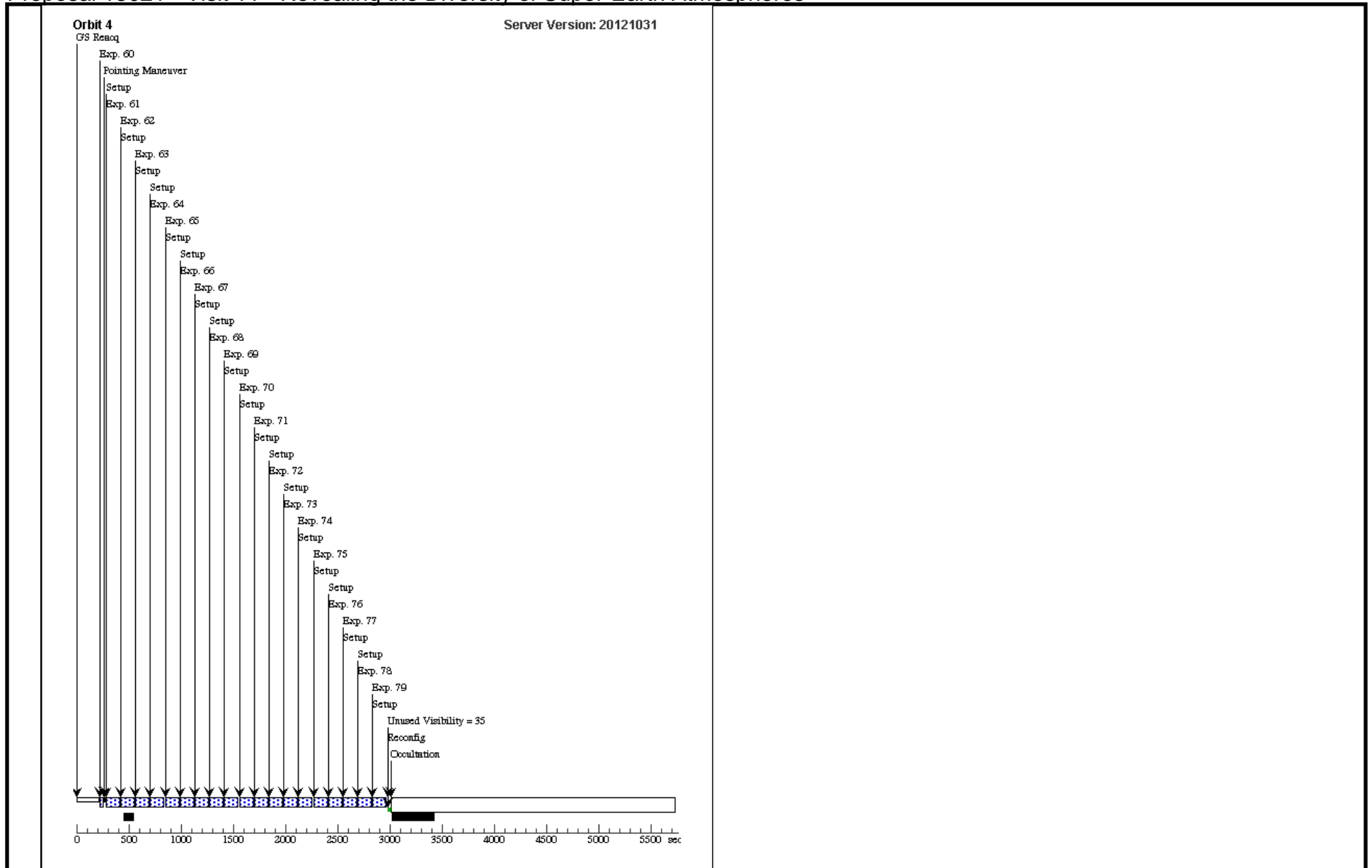
Server Version: 20121031



# Proposal 13021 - Visit 11 - Revealing the Diversity of Super-Earth Atmospheres

Server Version: 20121031





# Proposal 13021 - Visit 12 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:41:20 GMT 2013

<b>Visit</b>	<b>Proposal 13021, Visit 12, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322 <i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5 ; PHASE 0.8993 TO 0.9126	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
2		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
3		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
4		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
5		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
6	Exposures	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
7		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
8		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
9		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
10		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
11		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]

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12	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
13	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
14	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
15	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
16	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
17	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
18	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
19	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 12	[==>]	[1]
20	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
21	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
22	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]

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23	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
24	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
25	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
26	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
27	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
28	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
29	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
30	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
31	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
32	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
33	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]

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34	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
35	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
36	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
37	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
38	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
39	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 12	[==>]	[2]
40	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
41	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
42	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
43	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
44	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]

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45	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
46	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
47	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
48	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
49	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
50	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
51	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
52	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
53	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
54	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
55	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]

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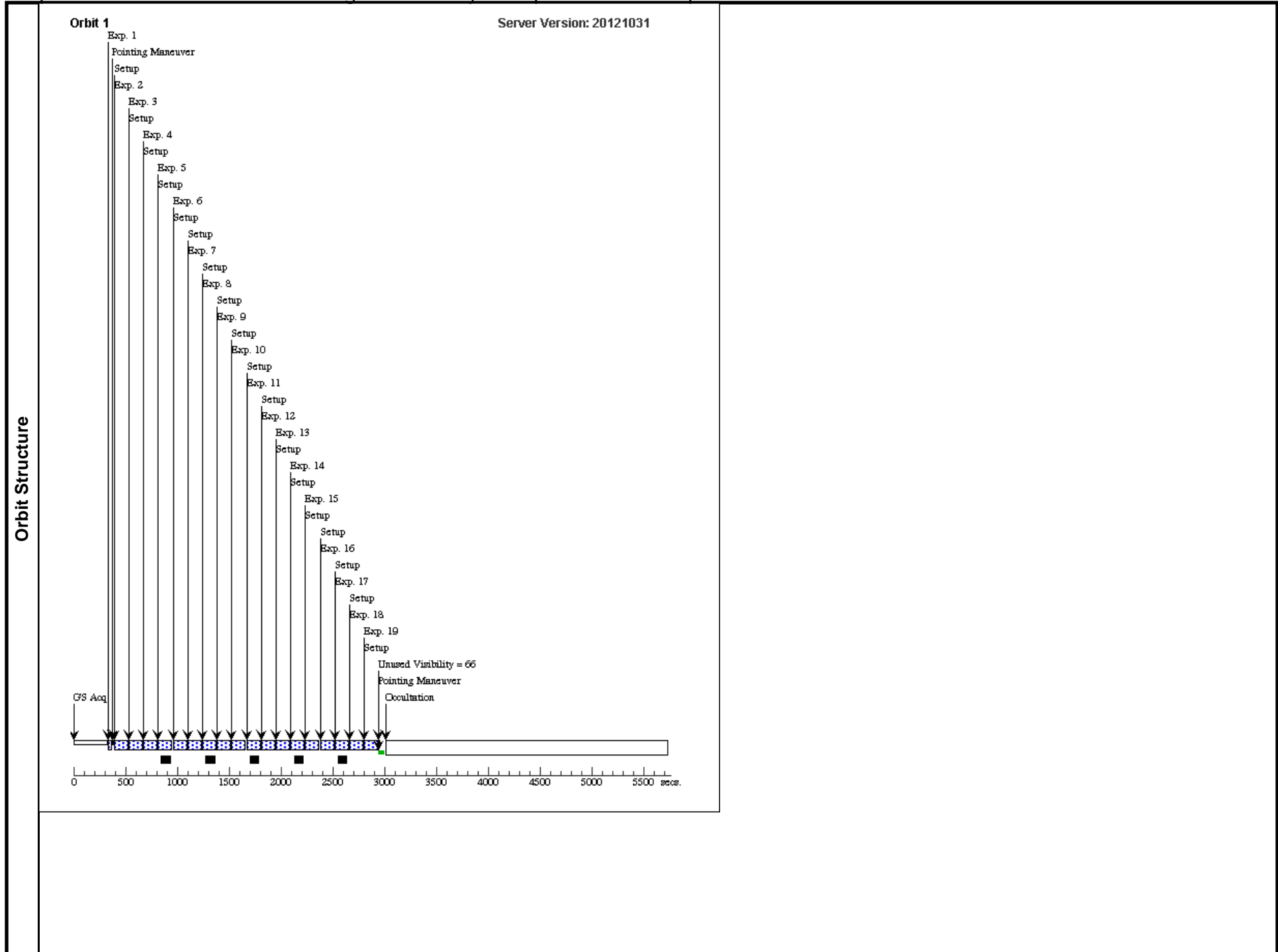
56	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
57	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
58	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
59	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 12	[==>]	[3]
60	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
61	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
62	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
63	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
64	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
65	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
66	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]

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67	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
68	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
69	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
70	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
71	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
72	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
73	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
74	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
75	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
76	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]
77	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 12	[==>]	[4]

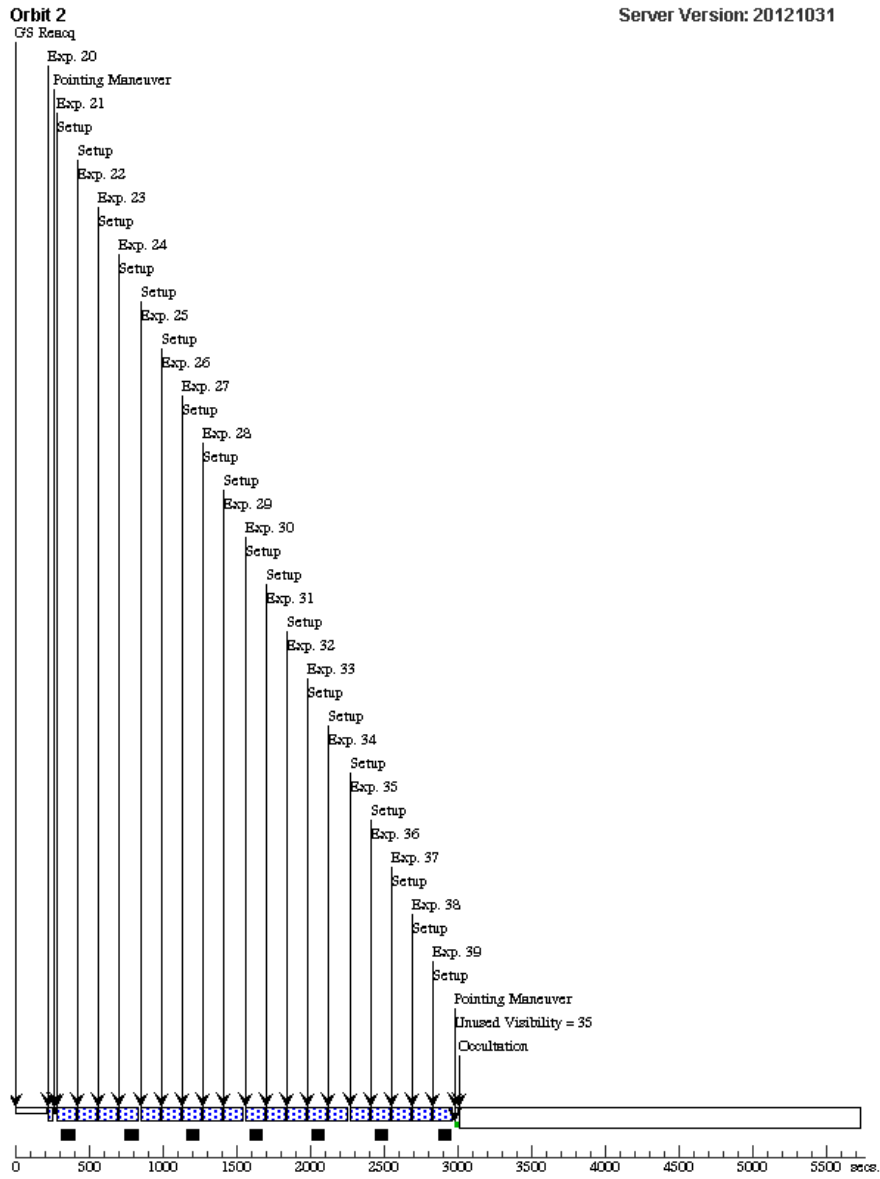
Proposal 13021 - Visit 12 - Revealing the Diversity of Super-Earth Atmospheres

78	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reve rse	Sequence 60-79 Non -Int in Visit 12	[==>]	[4]
79	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forw ard	Sequence 60-79 Non -Int in Visit 12	[==>]	[4]



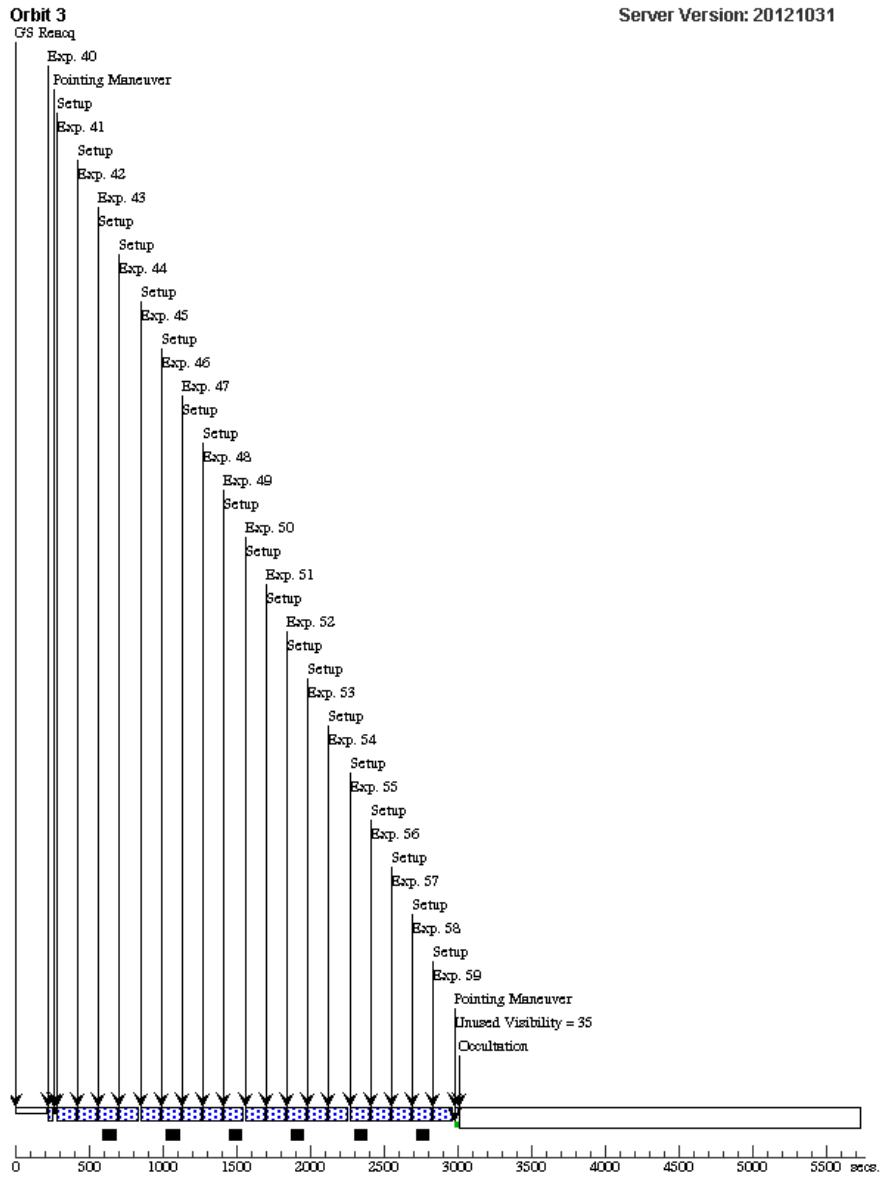
# Proposal 13021 - Visit 12 - Revealing the Diversity of Super-Earth Atmospheres

Server Version: 20121031

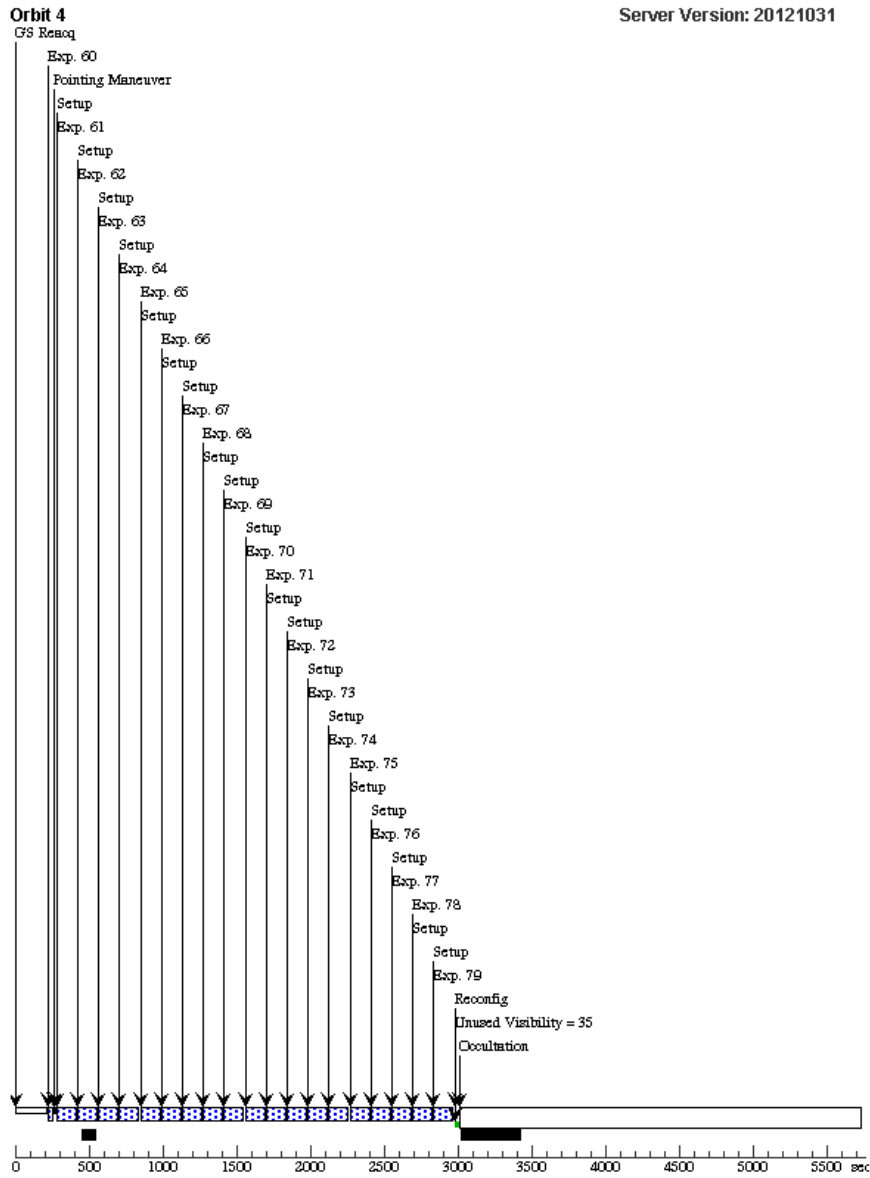


# Proposal 13021 - Visit 12 - Revealing the Diversity of Super-Earth Atmospheres

Server Version: 20121031



Server Version: 20121031



# Proposal 13021 - Visit 13 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:41:27 GMT 2013

<b>Visit</b>	<b>Proposal 13021, Visit 13, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322 <i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 13021 - Visit 13 - Revealing the Diversity of Super-Earth Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5 ; PHASE 0.8993 TO 0.9126	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
2		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
3		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
4		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
5		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
6	Exposures	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
7		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
8		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
9		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
10		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
11		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]

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12	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
13	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
14	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
15	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
16	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
17	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
18	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
19	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 13	[==>]	[1]
20	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
21	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
22	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]

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23	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
24	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
25	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
26	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
27	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
28	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
29	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
30	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
31	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
32	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
33	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]

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34	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
35	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
36	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
37	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
38	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
39	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 13	[==>]	[2]
40	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
41	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
42	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
43	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
44	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]

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45	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
46	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
47	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
48	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
49	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
50	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
51	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
52	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
53	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
54	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
55	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]

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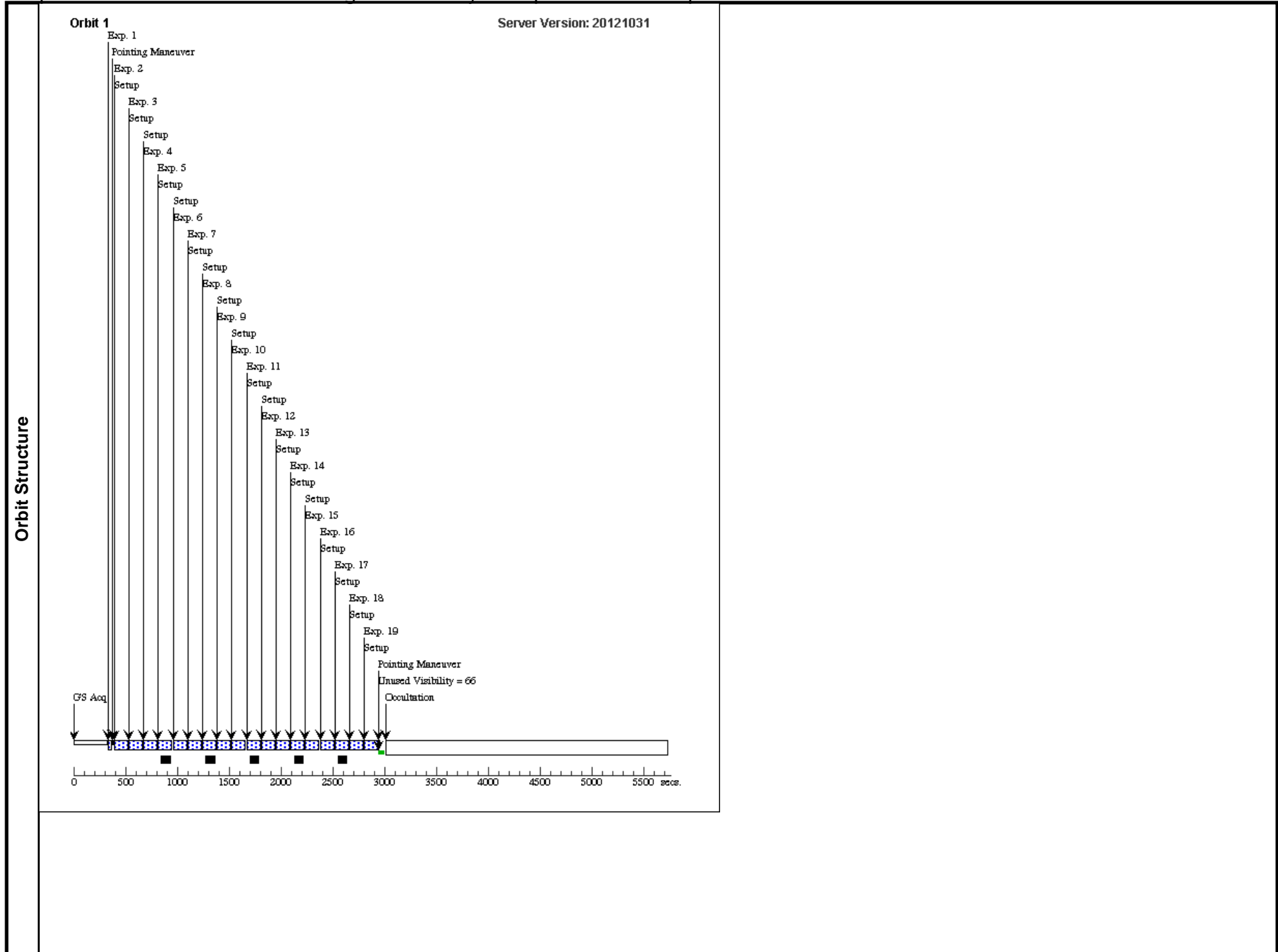
56	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
57	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
58	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
59	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 13	[==>]	[3]
60	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
61	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
62	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
63	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
64	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
65	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
66	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]

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67	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
68	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
69	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
70	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
71	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
72	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
73	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
74	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
75	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
76	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]
77	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 13	[==>]	[4]

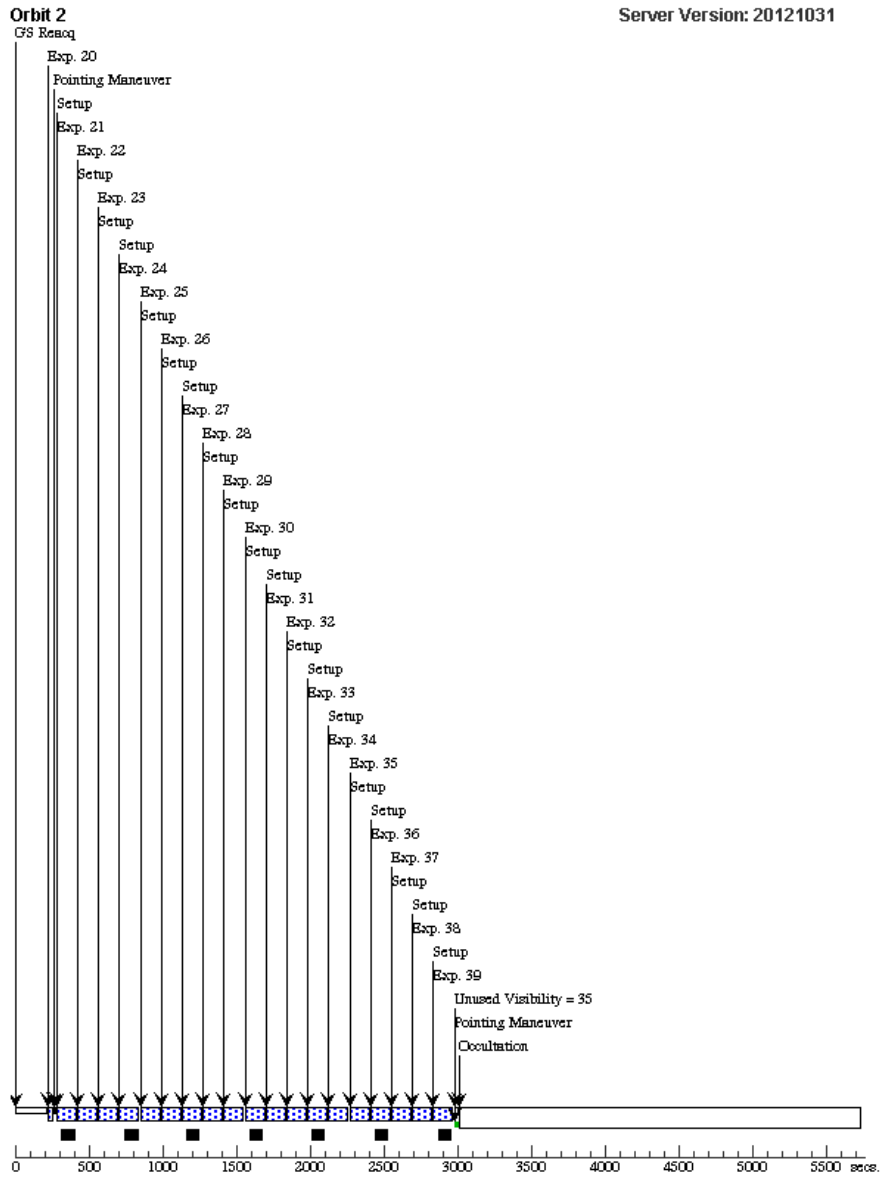
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78	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reve rse	Sequence 60-79 Non -Int in Visit 13	[==>]	[4]
79	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forw ard	Sequence 60-79 Non -Int in Visit 13	[==>]	[4]

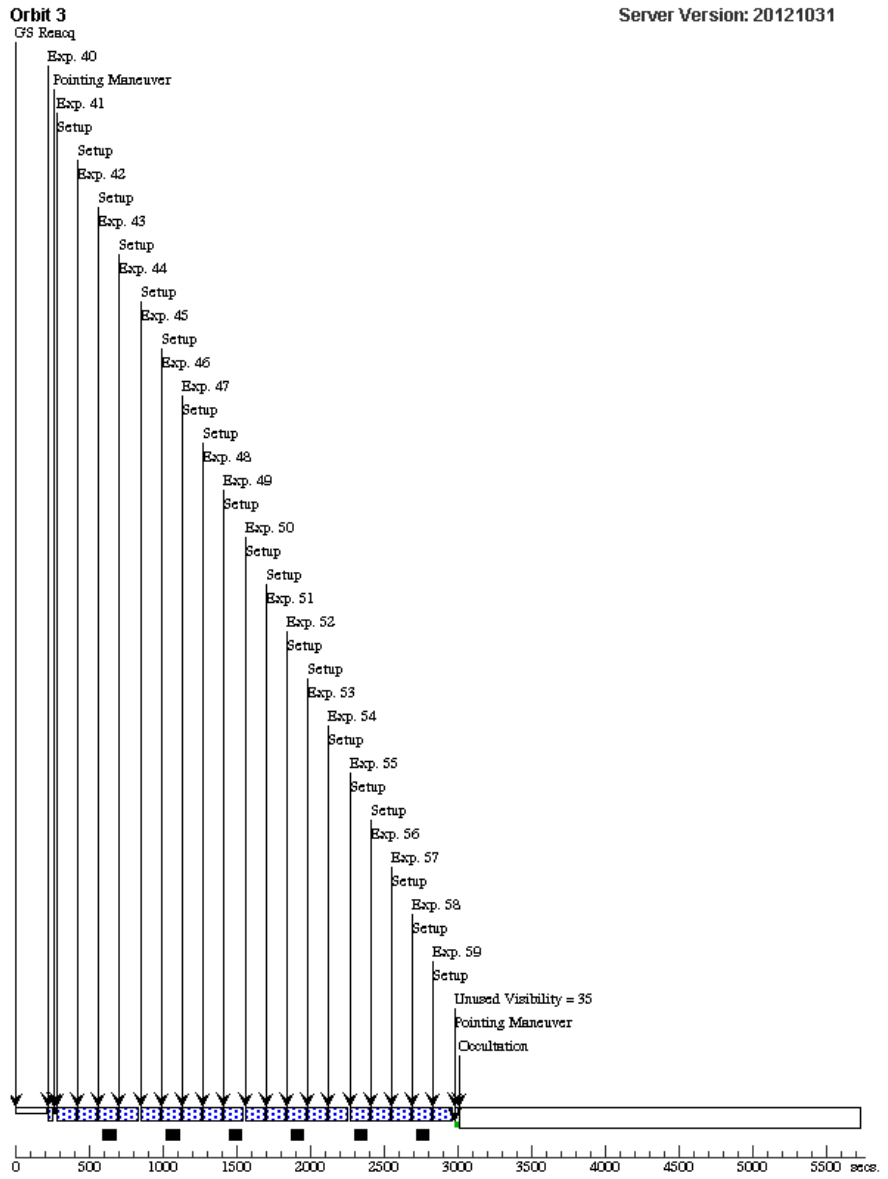


# Proposal 13021 - Visit 13 - Revealing the Diversity of Super-Earth Atmospheres

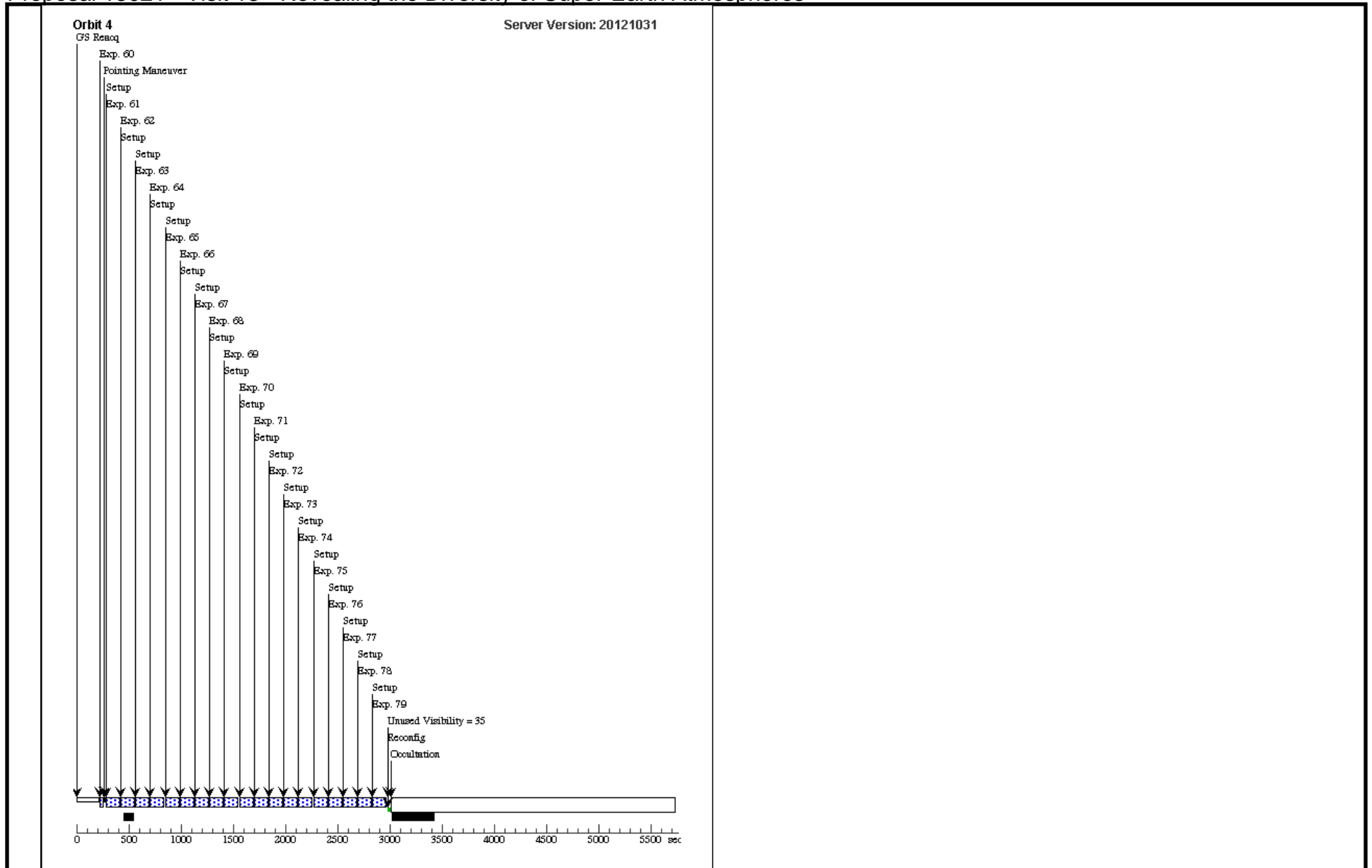
Server Version: 20121031



Server Version: 20121031



# Proposal 13021 - Visit 13 - Revealing the Diversity of Super-Earth Atmospheres



# Proposal 13021 - Visit 14 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:41:34 GMT 2013

<b>Visit</b>	<b>Proposal 13021, Visit 14, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322 <i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5 ; PHASE 0.8993 TO 0.9126	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
2		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
3		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
4		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
5		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
6		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
7		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
8		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
9		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
10		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
11		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]

Exposures

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12	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
13	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
14	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
15	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
16	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
17	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
18	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
19	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 14	[==>]	[1]
20	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
21	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
22	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]

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23	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
24	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
25	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
26	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
27	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
28	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
29	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
30	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
31	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
32	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
33	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]

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34	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
35	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
36	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
37	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
38	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
39	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 14	[==>]	[2]
40	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
41	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
42	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
43	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
44	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]

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45	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
46	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
47	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
48	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
49	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
50	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
51	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
52	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
53	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
54	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
55	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]

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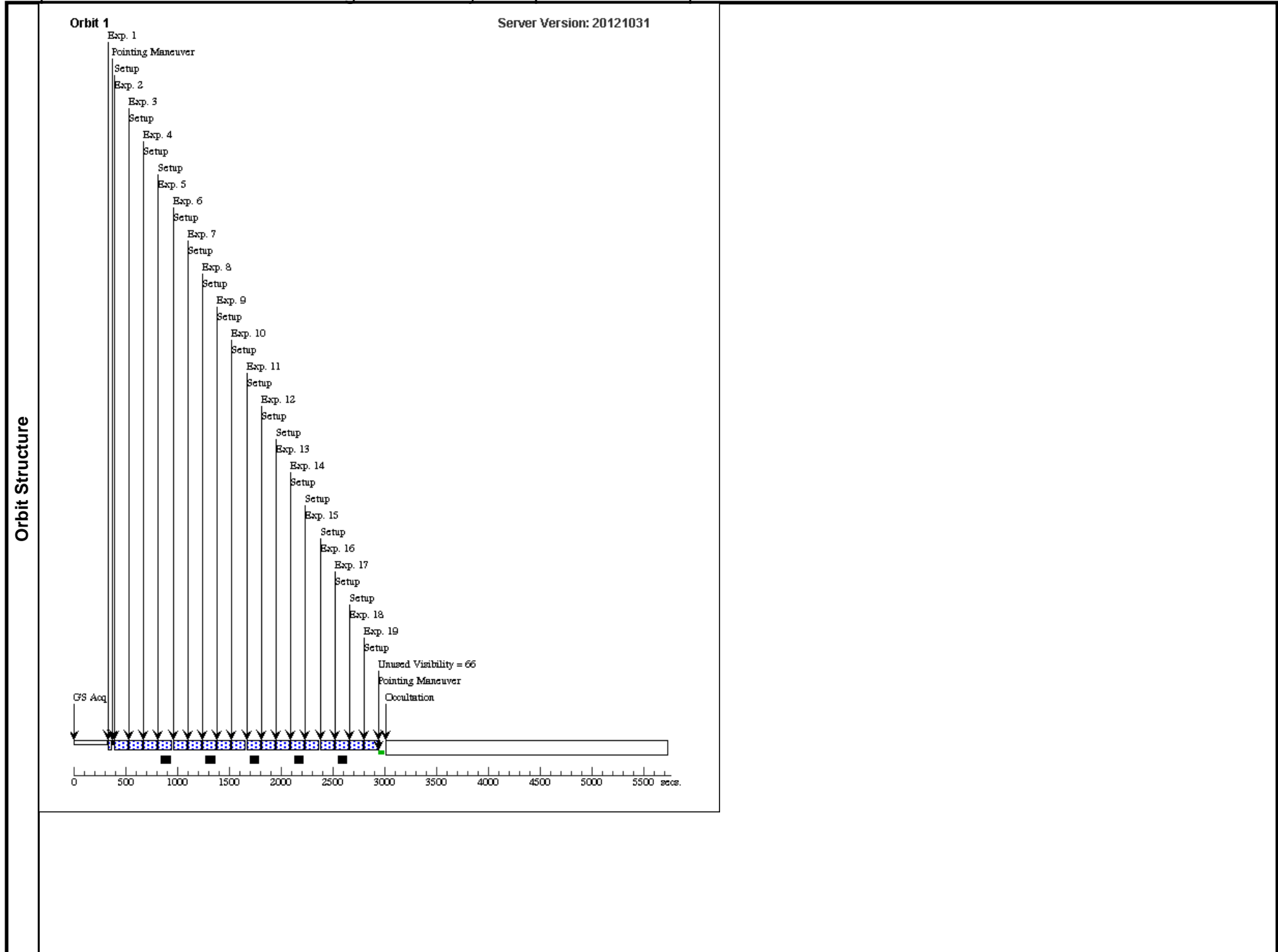
56	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
57	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
58	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
59	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 14	[==>]	[3]
60	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
61	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
62	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
63	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
64	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
65	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
66	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]

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67	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
68	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
69	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
70	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
71	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
72	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
73	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
74	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
75	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
76	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]
77	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 14	[==>]	[4]

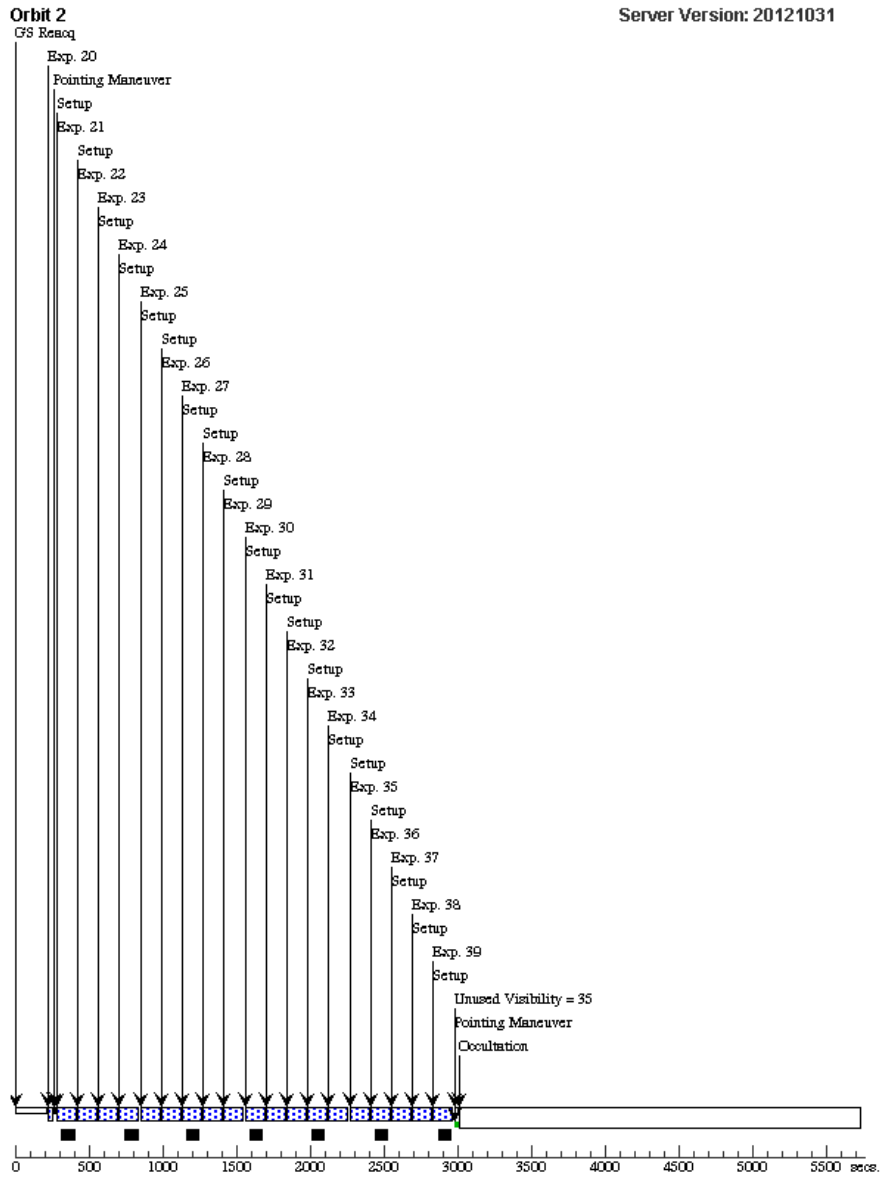
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78	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reve rse	Sequence 60-79 Non -Int in Visit 14	[==>]	[4]
79	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forw ard	Sequence 60-79 Non -Int in Visit 14	[==>]	[4]

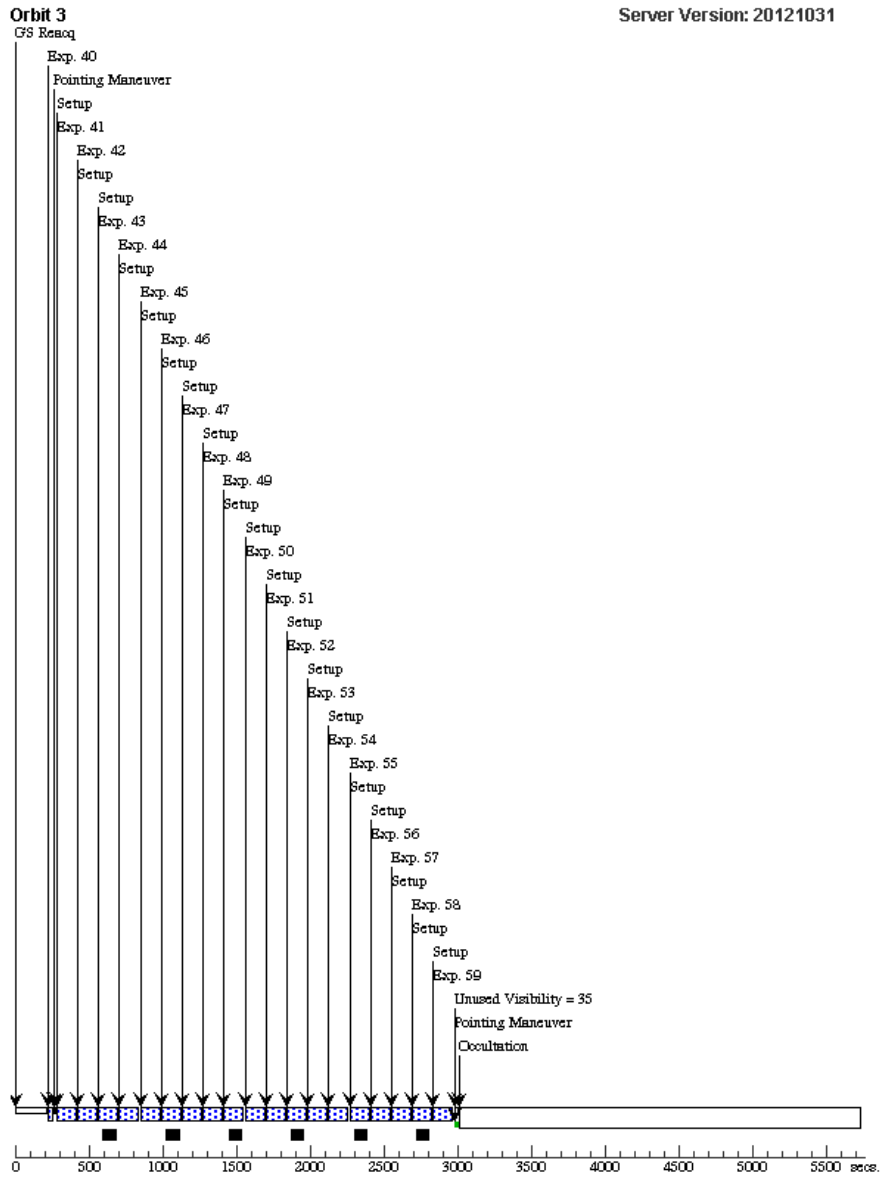


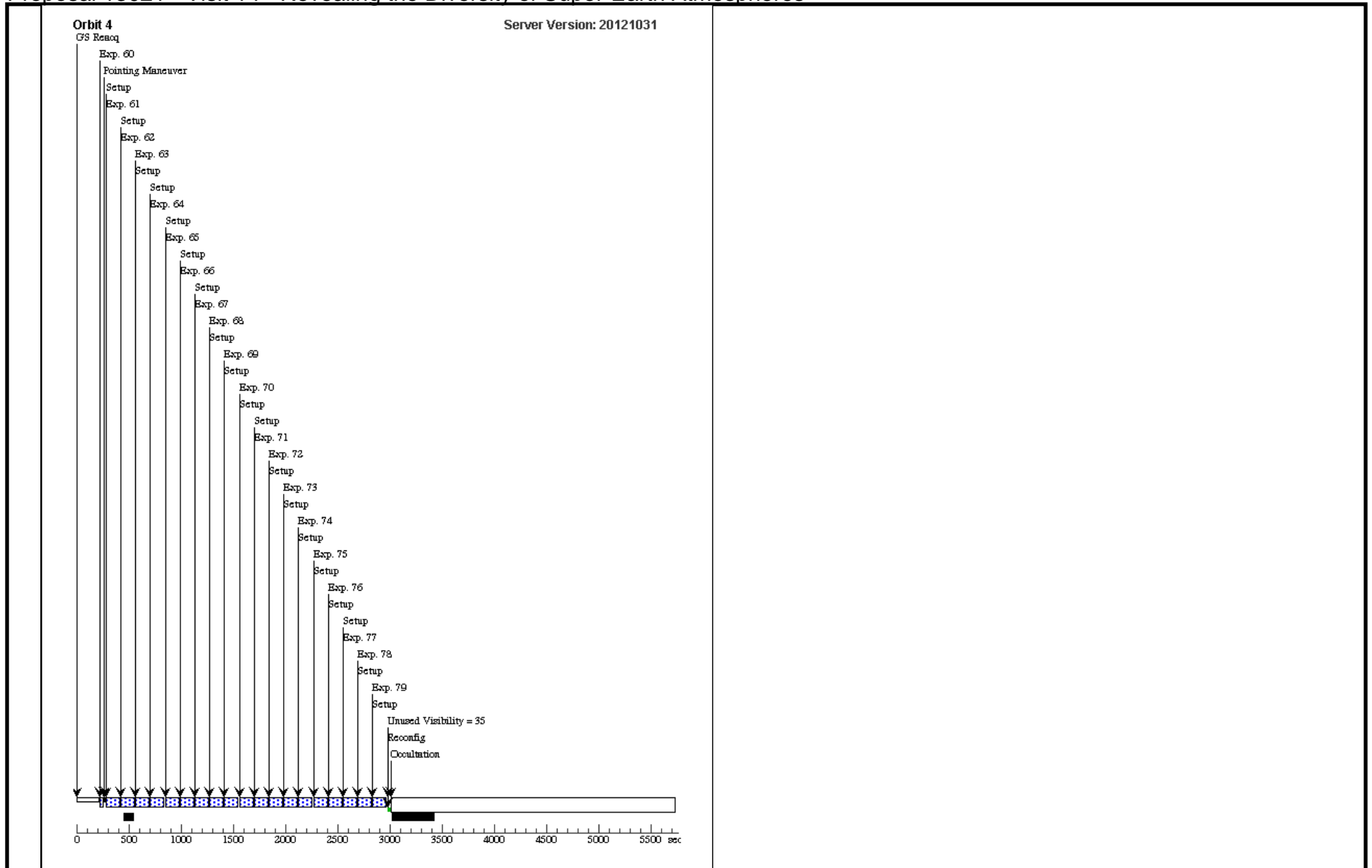
# Proposal 13021 - Visit 14 - Revealing the Diversity of Super-Earth Atmospheres

Server Version: 20121031



Server Version: 20121031





# Proposal 13021 - Visit 15 - Revealing the Diversity of Super-Earth Atmospheres

Thu Feb 21 03:41:40 GMT 2013

<b>Visit</b>	<b>Proposal 13021, Visit 15, scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ORIENT 77D TO 137 D; ORIENT 257D TO 317 D; Period 1.58040481 D AND ZERO-PHASE HJD2454966.52512322 <i>Comments: There is a nearby star that is approximately 5 mags fainter in the NIR than the primary target. In 2013 we calculate that it will be separated by 14" at a position angle of 152 deg. We require that the spectrum from this star not overlap the spectrum of our primary target. The height of the spatially scanned spectra will be 90 pixels. Therefore, the position of stars must be always be separated by 100 pixels. This requires orient angles &gt;60 deg from the position angle of their separation. We have included orient constraints corresponding to this requirement.</i>												
	<b>Fixed Targets</b>	<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>GJ-1214</td> <td>RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000</td> <td>Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0</td> <td>V=14.67 H = 9.09</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(1)	GJ-1214	RA: 17 15 18.9180 (258.8288250d) Dec: +04 57 50.09 (4.96391d) Equinox: J2000	Proper Motion RA: +585.0 mas/yr Proper Motion Dec: -752.0 mas/yr Parallax: 0.0772" Epoch of Position: 2000.0	V=14.67 H = 9.09	Reference Frame: ICRS								

Proposal 13021 - Visit 15 - Revealing the Diversity of Super-Earth Atmospheres

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5 ; PHASE 0.8993 TO 0.9126	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
2		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
3		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
4		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
5		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
6	Exposures	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
7		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
8		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
9		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
10		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
11		(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]

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12	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
13	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
14	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
15	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
16	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
17	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
18	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
19	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 1-19 Non-Int in Visit 15	[==>]	[1]
20	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
21	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
22	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]

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23	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
24	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
25	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
26	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
27	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
28	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
29	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
30	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
31	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
32	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
33	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]

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34	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
35	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
36	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
37	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
38	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
39	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 20-39 Non-Int in Visit 15	[==>]	[2]
40	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
41	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
42	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
43	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
44	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]

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45	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
46	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
47	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
48	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
49	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
50	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
51	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
52	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
53	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
54	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
55	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]

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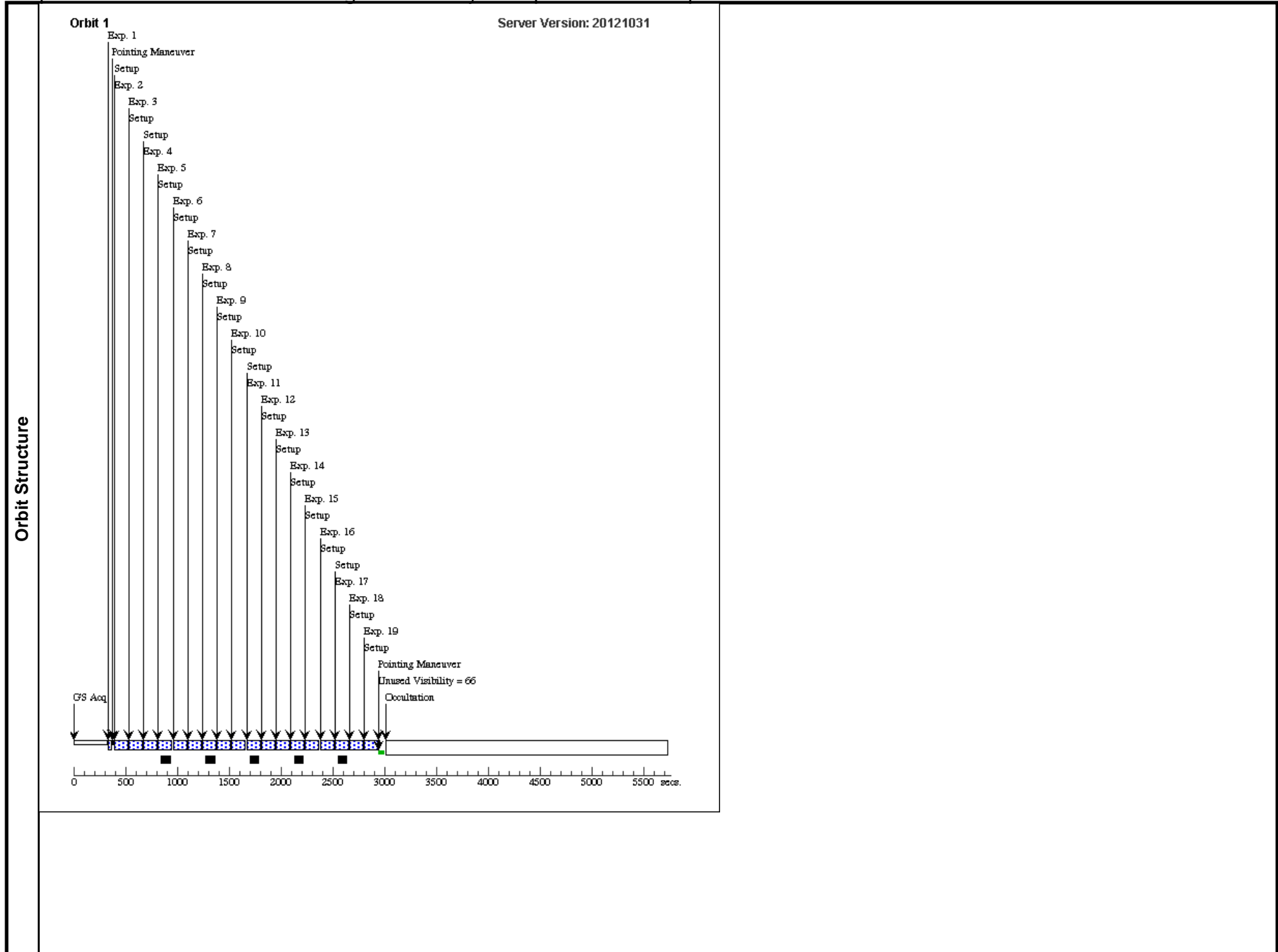
56	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
57	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
58	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
59	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 40-59 Non-Int in Visit 15	[==>]	[3]
60	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	POS TARG null,-1.5	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
61	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
62	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
63	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
64	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
65	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
66	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]

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67	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
68	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
69	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
70	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
71	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
72	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
73	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
74	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
75	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
76	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reverse	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]
77	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 60-79 Non-Int in Visit 15	[==>]	[4]

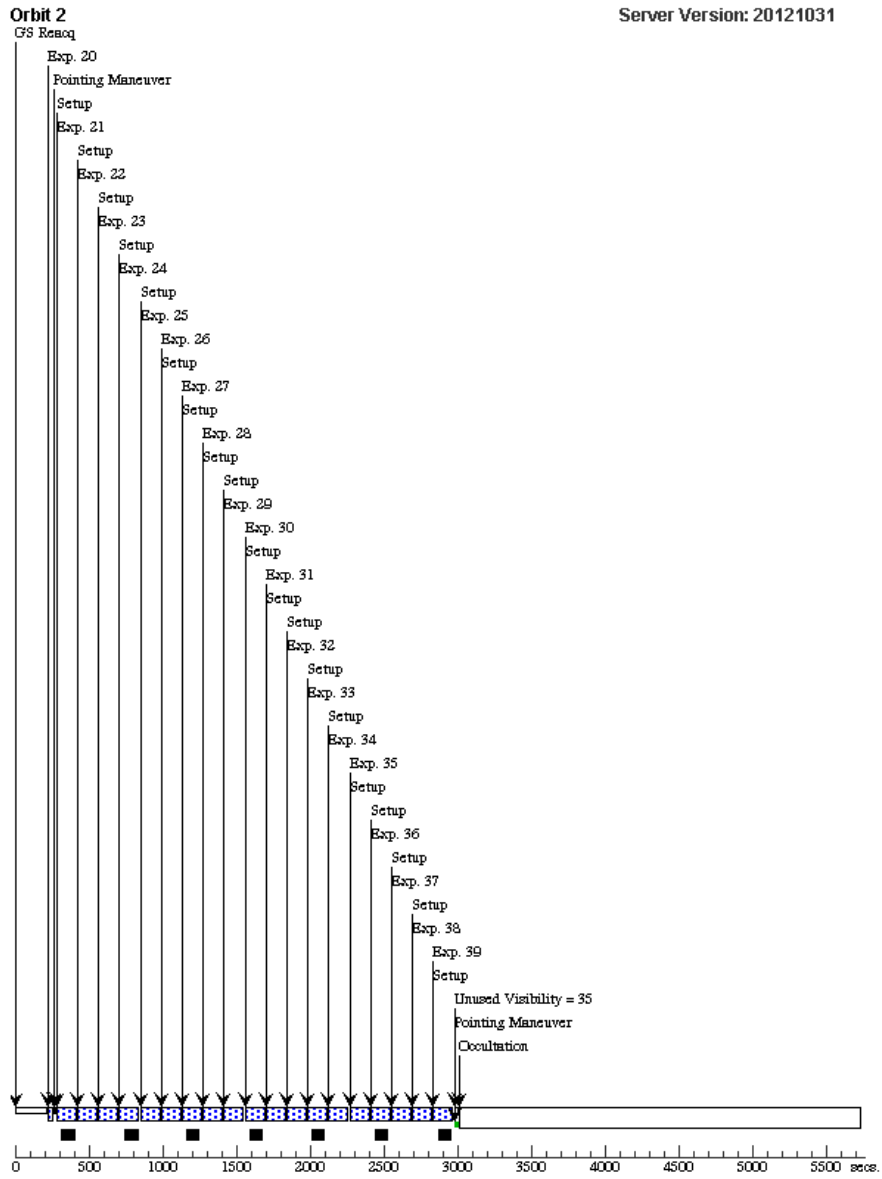
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78	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Reve rse	Sequence 60-79 Non -Int in Visit 15	[==>]	[4]
79	(1) GJ-1214	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-1.5 ; SPATIAL SCAN 0.1 2,90.0 Degrees,Forw ard	Sequence 60-79 Non -Int in Visit 15	[==>]	[4]



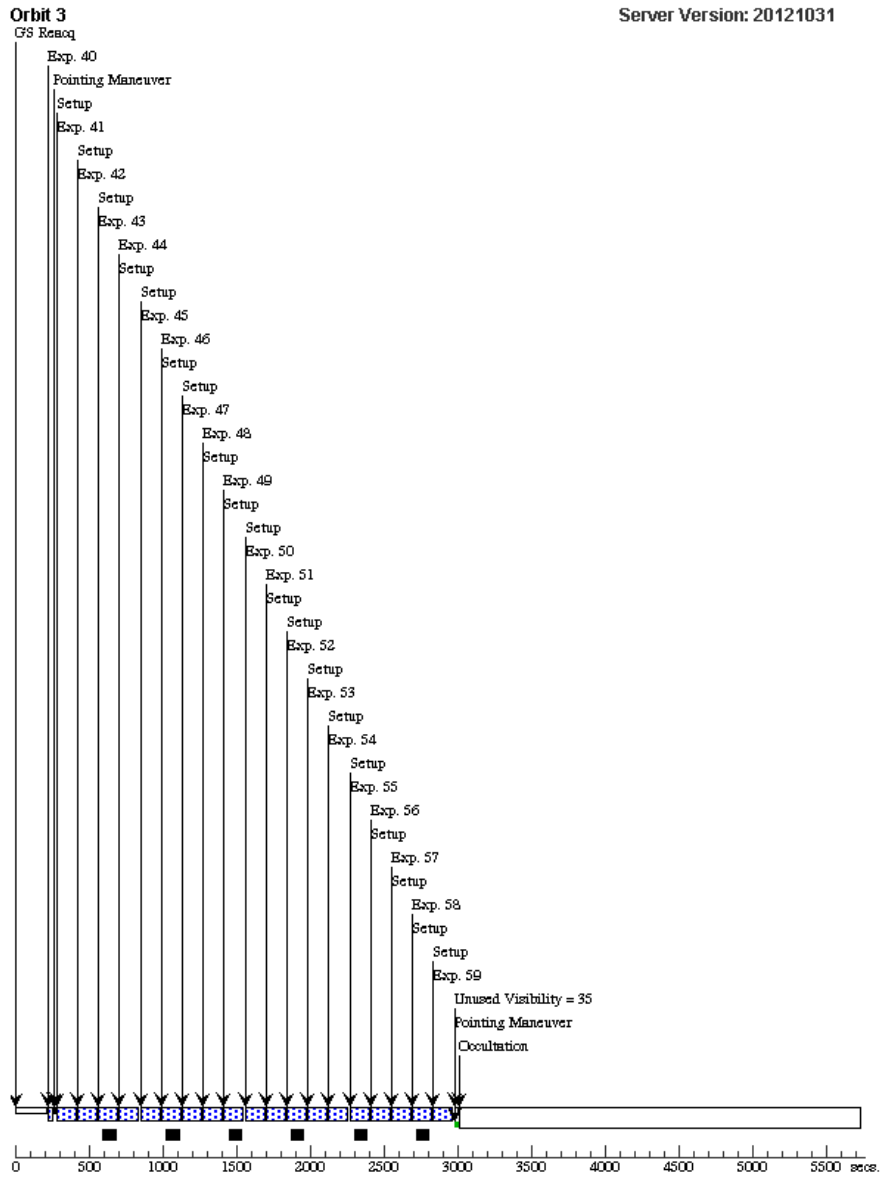
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