



## 13338 - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

Cycle: 21, Proposal Category: GO

(Availability Mode: SUPPORTED)

### INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
<b>Dr. Kevin B. Stevenson (PI) (Contact)</b>	<b>University of Chicago</b>	<b>kbs@uchicago.edu</b>
Prof. Jacob L. Bean (CoI)	University of Chicago	jbean@odjob.uchicago.edu
Ms. Laura Kreidberg (CoI)	University of Chicago	laura.kreidberg@uchicago.edu

### VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) GJ436	WFC3/IR	1	13-Jan-2014 21:04:16.0	yes
02	(1) GJ436	WFC3/IR	1	13-Jan-2014 21:05:27.0	yes
03	(1) GJ436	WFC3/IR	1	13-Jan-2014 21:06:29.0	yes
04	(1) GJ436	WFC3/IR	1	13-Jan-2014 21:07:32.0	yes
11	(1) GJ436	WFC3/IR	1	13-Jan-2014 21:08:31.0	yes
12	(1) GJ436	WFC3/IR	1	13-Jan-2014 21:09:33.0	yes
13	(1) GJ436	WFC3/IR	1	13-Jan-2014 21:10:31.0	yes
14	(1) GJ436	WFC3/IR	1	13-Jan-2014 21:11:33.0	yes

8 Total Orbits Used

### ABSTRACT

The future of exoplanet characterization is moving towards atmospheric studies of transiting rocky exoplanets. The paucity of nearby candidates suitable for these studies is a pressing issue in the exoplanet community and several current and proposed programs (such as MEarth and TESS) are

## Proposal 13338 (STScI Edit Number: 7, Created: Monday, January 13, 2014 9:11:54 PM EST) - Overview

working towards uncovering these Earth-sized planets. We recently published evidence for at least one new exoplanet candidate in the GJ 436 system. If confirmed, UCF-1.01 would be one of the smallest exoplanets currently detected and, at a distance of only 10.2 pc, it would be the most easily-observable transiting rocky planet outside of the Solar System and part of the first compact system of planets orbiting a nearby M dwarf. The GJ 436 system would become a prime target for follow-up investigations in fields such as interiors, atmospheres, dynamics, and further radial-velocity and transit searches. In order to secure a firm detection, we require the stability and photon-gathering power of the Hubble Space Telescope. With only eight orbits around the Earth, HST is capable of confirming the presence of UCF-1.01 with an unassailable significance of 20 sigma. HST's two visits would obtain good phase coverage of the entire 45-minute transit, confirm consistency in the measured transit depths, and place better constraints on the planet's physical and orbital parameters. No other facility is currently capable of validating this exoplanet candidate and growing uncertainty in the mid-transit time is adding a real urgency to this task. Cycle 21 is now our best opportunity to definitively confirm the existence of the first sub-Earth-sized exoplanet in the solar neighborhood.

### **OBSERVING DESCRIPTION**

This project aims to confirm the existence of a sub-Earth-sized exoplanet in the GJ 436 system. We will use WFC3 in spatial scan mode to observe the bright M-dwarf GJ 436 during predicted transit times.

Each transit visit consists of 4 linked Visits (1 Visit per orbit) to ensure WFC3 performs a buffer dump at the end of each orbit. Otherwise, dumps would occur mid-observation. Orbits are timed such that two happen before the transit, one happens during transit, and one happens after the transit. There will be two visits to the target. Each orbit follows the same sequence: a direct image is obtained through the F126N 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 1.00 arcsec / sec using FGS guiding 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 40,000 electrons per pixel per exposure.

### **REAL TIME JUSTIFICATION**

The observations must be conducted such that the third orbit is in transit. The transits occur every 1.3659 days, and last for 45 minutes. We have set the phase constraints corresponding to this requirement. We use 'Betweens' to avoid observations near transit/eclipse events of GJ 436b.

# Proposal 13338 - Visit 1 (01) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

Tue Jan 14 02:11:55 GMT 2014

<b>Visit</b>	<p><b>Proposal 13338, Visit 1 (01), completed</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: PCS MODE FINE; ORIENT 250D TO 230 D; BETWEEN 19-NOV-2013:00:00:00 AND 20-NOV-2013:06:00:00; BETWEEN 23-NOV-2013:04:00:00 AND 18-DEC-2013:00:00:00; BETWEEN 13-JAN-2014:00:00:00 AND 28-JAN-2014:20:00:00; BETWEEN 31-JAN-2014:20:00:00 AND 03-FEB-2014:00:00:00; BETWEEN 12-APR-2014:00:00:00 AND 23-APR-2014:12:00:00; BETWEEN 06-MAY-2014:02:00:00 AND 02-JUN-2014:02:00:00; BETWEEN 17-JUN-2014:10:00:00 AND 14-JUL-2014:10:00:00; Period 1.36588145 D AND ZERO-PHASE HJD2455772.8069; SEQ 01,02,03,04 WITHIN 4.2 Orbits</p> <p><i>Comments: Due to increasing uncertainty in the planet's transit times, the program's science goals of detecting a sub-Earth-sized exoplanet will best be achieved by scheduling Visit 1 as soon as possible (Nov 24 - Dec 8). Waiting until May 2014 increases the risk of missing a significant fraction of the transit event, thus decreasing the significance of the detection.</i></p> <p><i>Orientation constraints are necessary to avoid overlapping spectra from a nearby stellar object (Hmag = 15.9, RA = 11:42:11.64, Dec = 26:42:49.6).</i></p> <p><i>We use 'Betweens' to avoid observations near transit/eclipse events of GJ 436b.</i></p> <p><i>Each transit visit consists of 4 linked Visits (1 Visit per orbit) to ensure WFC3 performs a buffer dump at the end of each orbit. Otherwise, dumps would occur mid-observation.</i></p> <p><i>Numerical simulations predict that the planet will exhibit ~10-minute transit timing variations (TTVs) with a period of ~40 days. The relatively short observing windows will help to measure transits near maximum TTV variation. We are using the average orbital period from the TTV simulations, instead of the published value.</i></p>																												
	<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>GJ436</td> <td>RA: 11 42 11.0937 (175.5462238d)</td> <td>Proper Motion RA: 896.07 mas/yr</td> <td>V=10.68</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: LHS-310</td> <td>Dec: +26 42 23.65 (26.70657d)</td> <td>Proper Motion Dec: -813.54 mas/yr</td> <td>H = 6.3</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Equinox: J2000</td> <td>Epoch of Position: 2000</td> <td></td> <td></td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p>						#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	GJ436	RA: 11 42 11.0937 (175.5462238d)	Proper Motion RA: 896.07 mas/yr	V=10.68	Reference Frame: ICRS		Alt Name1: LHS-310	Dec: +26 42 23.65 (26.70657d)	Proper Motion Dec: -813.54 mas/yr	H = 6.3				Equinox: J2000	Epoch of Position: 2000	
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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	Image	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2	PHASE 0.881 TO 0.898	Sequence 1-45 Non-Int in Visit 1 (01)	0.55563 Secs (0.556 Secs)	[1]
	2	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[1]
	3	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[1]
	4	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[1]
	5	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[1]
	6	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[1]
	7	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[1]
	8	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[1]
	9	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[1]
	10	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[1]
	11	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[1]
	12	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[1]
	13	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[1]

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14	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
15	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
16	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
17	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
18	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
19	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
20	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
21	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
22	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
23	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
24	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
25	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
26	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]

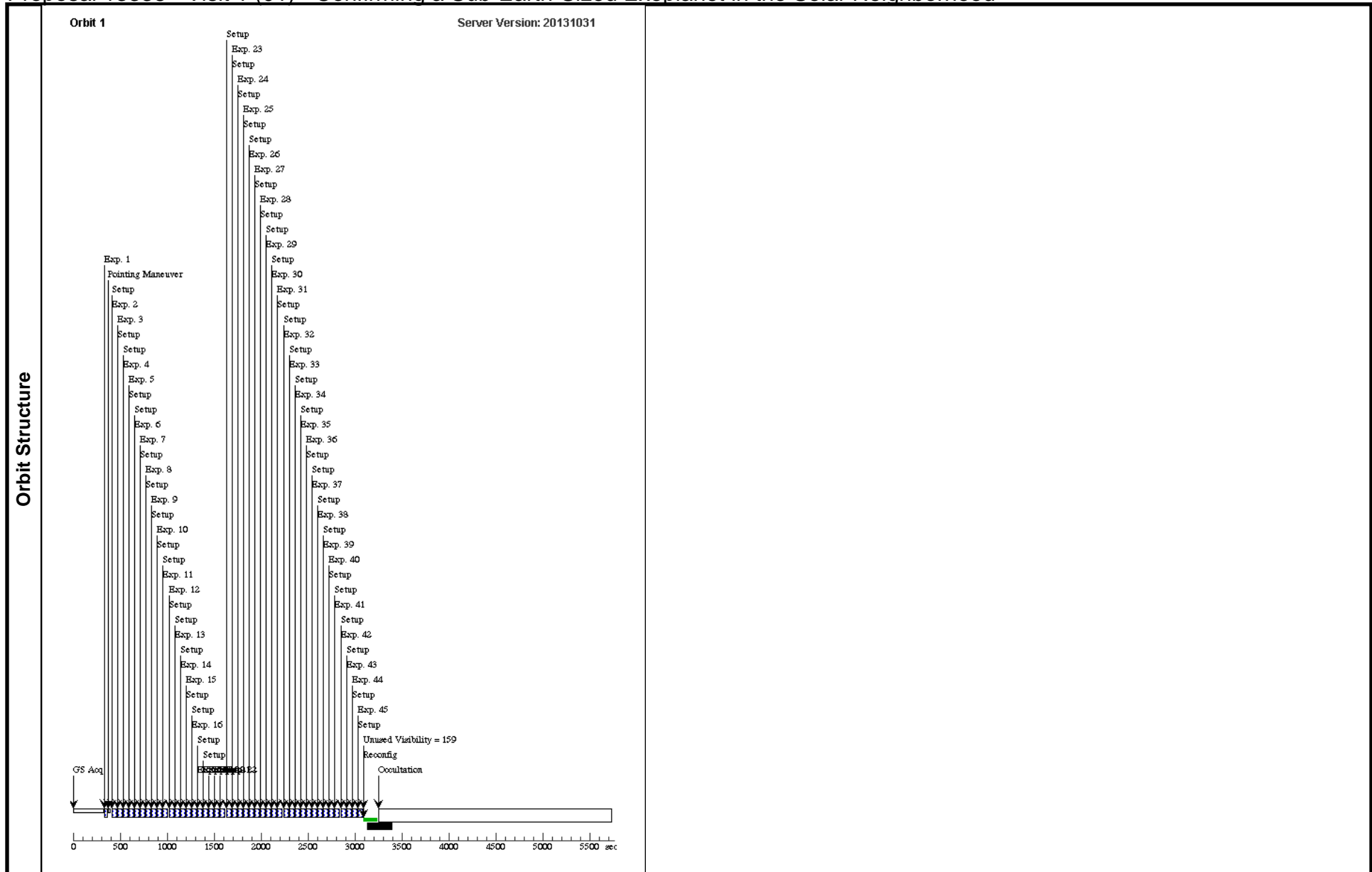
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27	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
28	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
29	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
30	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
31	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
32	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
33	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
34	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
35	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
36	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
37	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
38	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
39	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]

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40	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
41	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
42	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
43	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
44	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]
45	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (01)	14.970789 Secs (14.971 Secs)	[==>]	[1]

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Proposal 13338 - Visit 1 (02) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

<b>Visit</b>	<b>Proposal 13338, Visit 1 (02), completed</b> <span style="float: right;">Tue Jan 14 02:12:02 GMT 2014</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SAME ORIENT AS 01					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ436 Alt Name1: LHS-310	RA: 11 42 11.0937 (175.5462238d) Dec: +26 42 23.65 (26.70657d) Equinox: J2000	Proper Motion RA: 896.07 mas/yr Proper Motion Dec: -813.54 mas/yr Epoch of Position: 2000	V=10.68 H = 6.3	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 13338 - Visit 1 (02) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Image	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2		Sequence 1-45 Non-Int in Visit 1 (02)	0.55563 Secs (0.556 Secs) [==>]	[1]
	2	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs) [==>]	[1]
	3	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs) [==>]	[1]
	4	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs) [==>]	[1]
	5	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs) [==>]	[1]
	6	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs) [==>]	[1]
	7	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs) [==>]	[1]
	8	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs) [==>]	[1]
	9	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs) [==>]	[1]
	10	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs) [==>]	[1]
	11	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs) [==>]	[1]
	12	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs) [==>]	[1]
13	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs) [==>]	[1]	

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14	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
15	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
16	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
17	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
18	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
19	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
20	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
21	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
22	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
23	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
24	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
25	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
26	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]

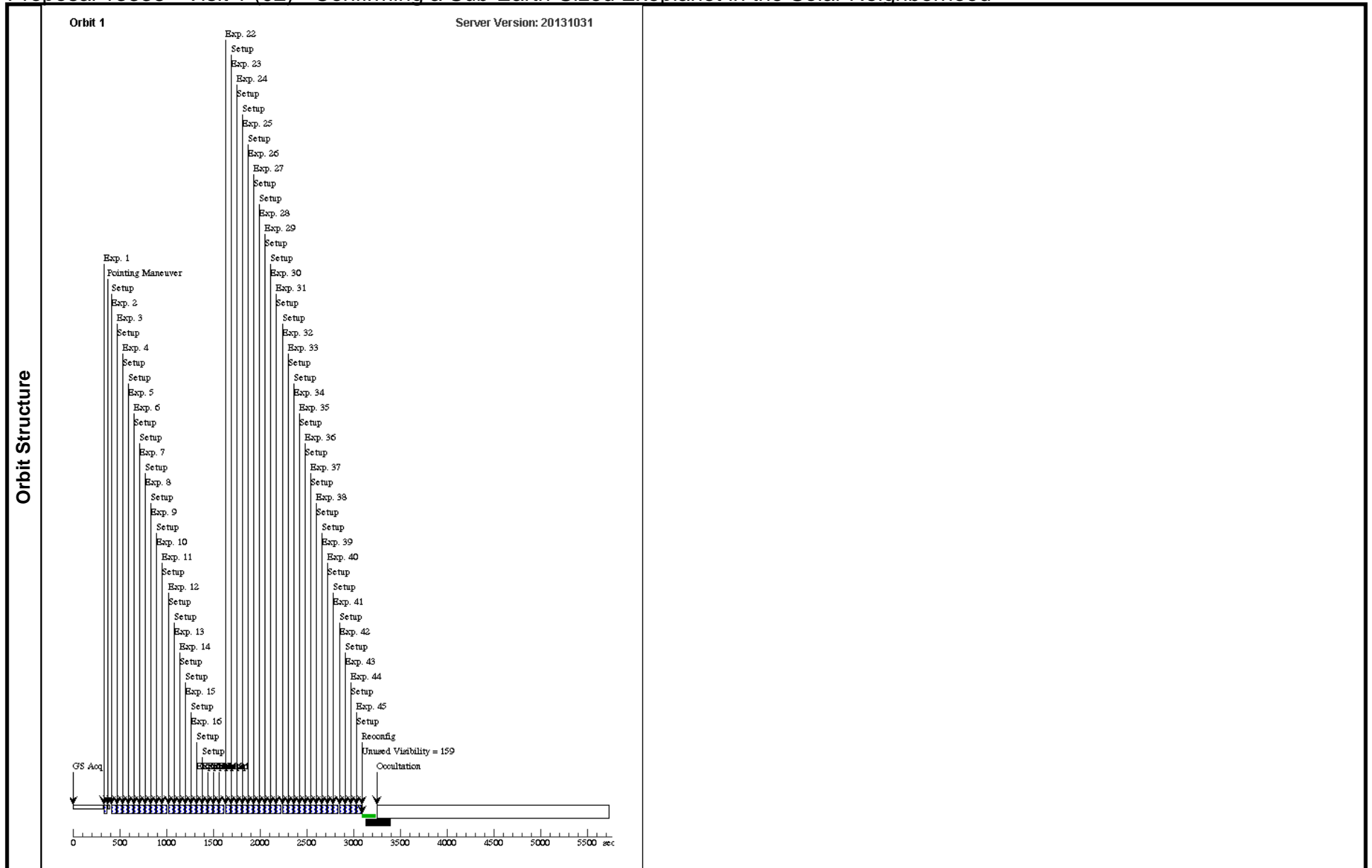
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27	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
28	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
29	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
30	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
31	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
32	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
33	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
34	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
35	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
36	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
37	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
38	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
39	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]

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40	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
41	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
42	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
43	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
44	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]
45	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (02)	14.970789 Secs (14.971 Secs)	[==>]	[1]

Proposal 13338 - Visit 1 (02) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood



Proposal 13338 - Visit 1 (03) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

<b>Visit</b>	<b>Proposal 13338, Visit 1 (03), completed</b> <span style="float: right;">Tue Jan 14 02:12:05 GMT 2014</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SAME ORIENT AS 01					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ436 Alt Name1: LHS-310	RA: 11 42 11.0937 (175.5462238d) Dec: +26 42 23.65 (26.70657d) Equinox: J2000	Proper Motion RA: 896.07 mas/yr Proper Motion Dec: -813.54 mas/yr Epoch of Position: 2000	V=10.68 H = 6.3	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 13338 - Visit 1 (03) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Image	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2		Sequence 1-45 Non-Int in Visit 1 (03)	0.55563 Secs (0.556 Secs) [==>]	[1]
	2	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs) [==>]	[1]
	3	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs) [==>]	[1]
	4	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs) [==>]	[1]
	5	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs) [==>]	[1]
	6	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs) [==>]	[1]
	7	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs) [==>]	[1]
	8	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs) [==>]	[1]
	9	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs) [==>]	[1]
	10	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs) [==>]	[1]
	11	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs) [==>]	[1]
	12	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs) [==>]	[1]
13	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs) [==>]	[1]	

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14	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
15	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
16	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
17	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
18	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
19	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
20	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
21	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
22	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
23	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
24	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
25	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
26	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]

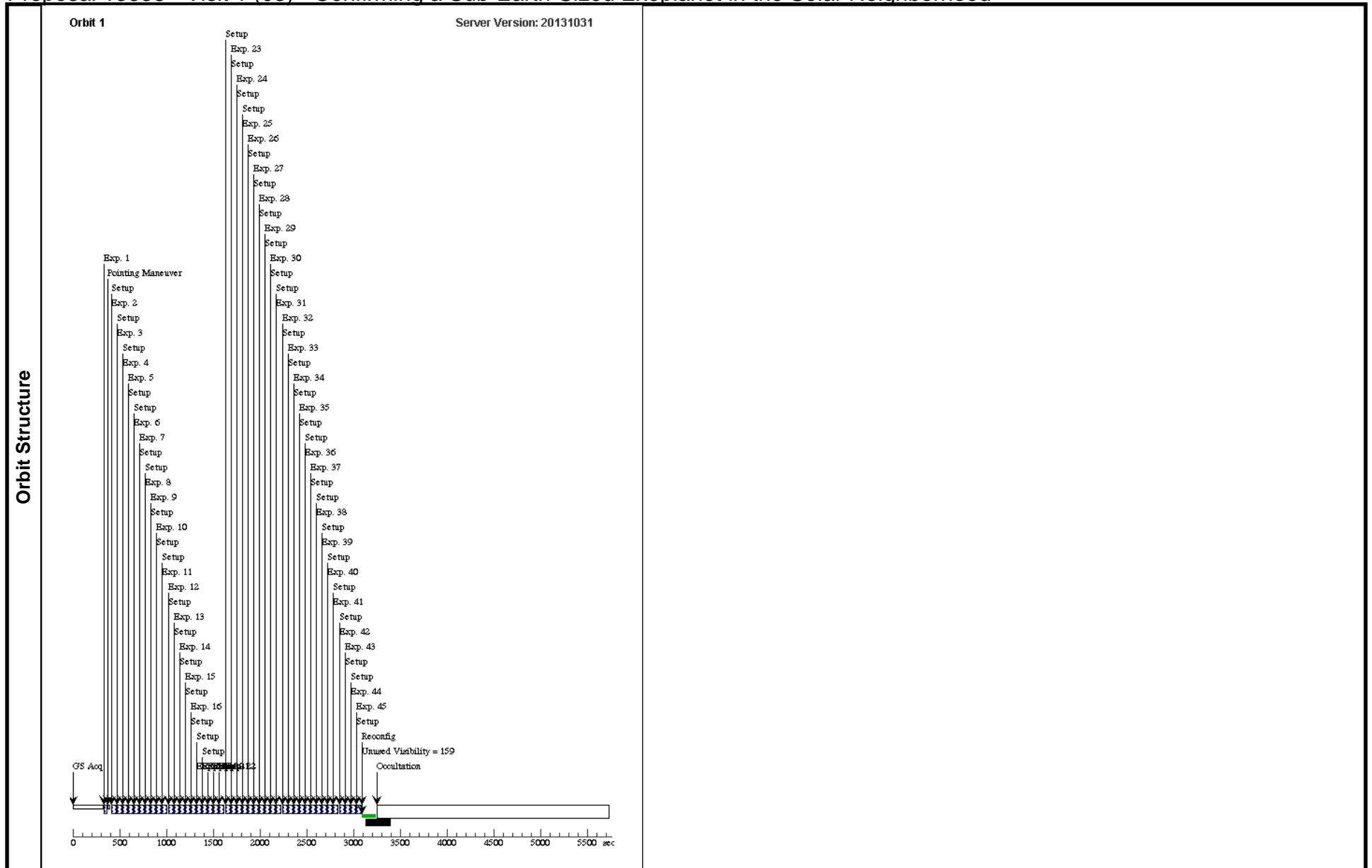
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27	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
28	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
29	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
30	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
31	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
32	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
33	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
34	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
35	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
36	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
37	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
38	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
39	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]

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40	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
41	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
42	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
43	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
44	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]
45	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (03)	14.970789 Secs (14.971 Secs)	[==>]	[1]

Proposal 13338 - Visit 1 (03) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood



# Proposal 13338 - Visit 1 (04) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

<b>Visit</b>	<b>Proposal 13338, Visit 1 (04), completed</b> <span style="float: right;">Tue Jan 14 02:12:08 GMT 2014</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SAME ORIENT AS 01					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ436 Alt Name1: LHS-310	RA: 11 42 11.0937 (175.5462238d) Dec: +26 42 23.65 (26.70657d) Equinox: J2000	Proper Motion RA: 896.07 mas/yr Proper Motion Dec: -813.54 mas/yr Epoch of Position: 2000	V=10.68 H = 6.3	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 13338 - Visit 1 (04) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Image	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2		Sequence 1-45 Non-Int in Visit 1 (04)	0.55563 Secs (0.556 Secs) [==>]	[1]
	2	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs) [==>]	[1]
	3	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs) [==>]	[1]
	4	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs) [==>]	[1]
	5	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs) [==>]	[1]
	6	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs) [==>]	[1]
	7	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs) [==>]	[1]
	8	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs) [==>]	[1]
	9	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs) [==>]	[1]
	10	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs) [==>]	[1]
	11	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs) [==>]	[1]
	12	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs) [==>]	[1]
13	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs) [==>]	[1]	

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14	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
15	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
16	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
17	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
18	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
19	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
20	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
21	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
22	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
23	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
24	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
25	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
26	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]

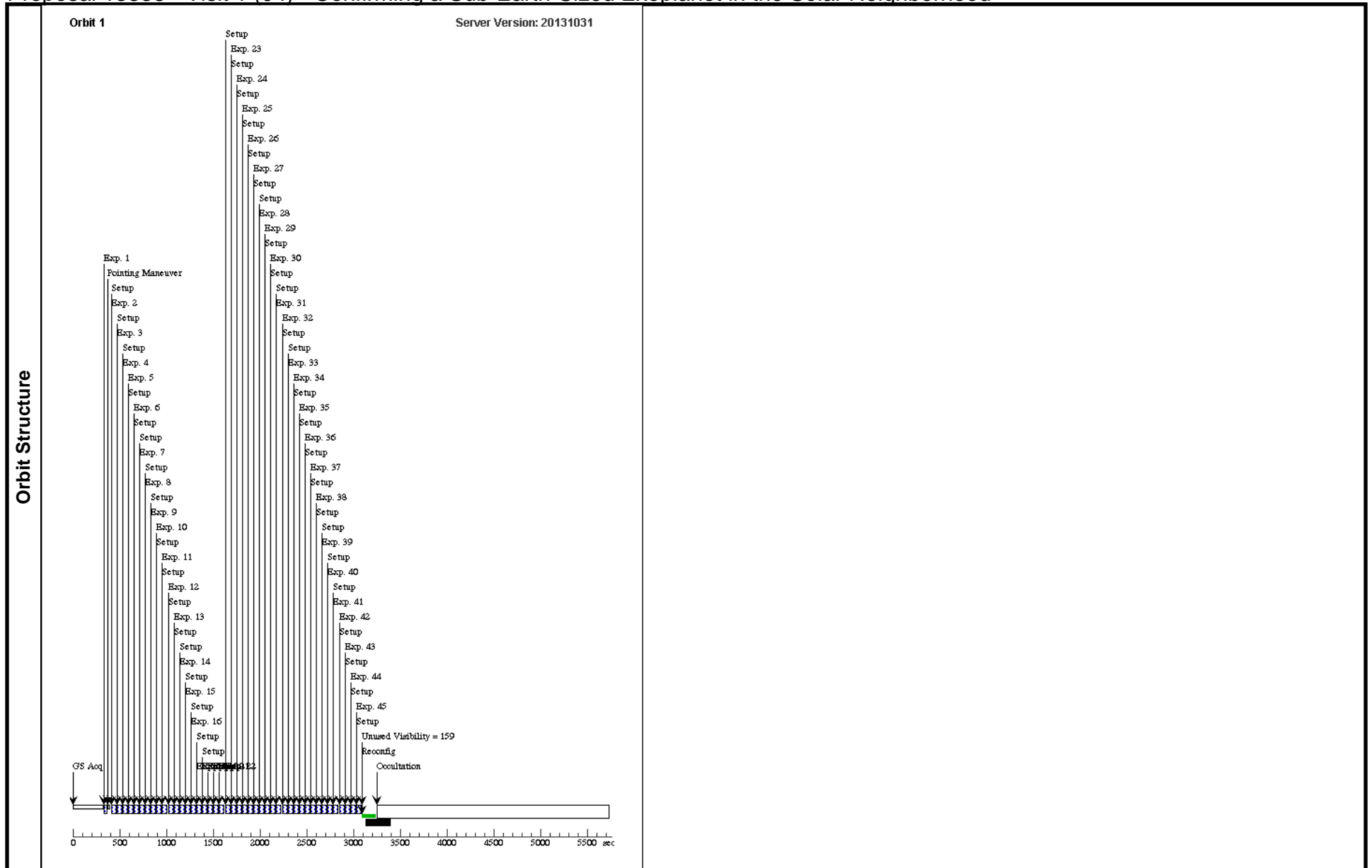
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27	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
28	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
29	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
30	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
31	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
32	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
33	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
34	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
35	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
36	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
37	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
38	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
39	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]

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40	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
41	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
42	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
43	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
44	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]
45	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 1 (04)	14.970789 Secs (14.971 Secs)	[==>]	[1]

Proposal 13338 - Visit 1 (04) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood



# Proposal 13338 - Visit 2 (11) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

Tue Jan 14 02:12:10 GMT 2014

<b>Visit</b>	<p><b>Proposal 13338, Visit 2 (11), implementation</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: WFC3/IR</p> <p>Special Requirements: PCS MODE FINE; SCHED 80%; ORIENT 250D TO 230 D; BETWEEN 05-JAN-2014:00:00:00 AND 17-JAN-2014:12:00:00; BETWEEN 14-FEB-2014:00:00:00 AND 27-FEB-2014:12:00:00; Period 1.36588145 D AND ZERO-PHASE HJD2456644.2464; SEQ 11,12,13,14 WITHIN 4.2 Orbits</p> <p><i>Comments: Orientation constraints are necessary to avoid overlapping spectra from a nearby stellar object (Hmag = 15.9, RA = 11:42:11.64, Dec = 26:42:49.6).</i></p> <p><i>We use 'Betweens' to avoid observations near transit/eclipse events of GJ 436b.</i></p> <p><i>Each transit visit consists of 4 linked Visits (1 Visit per orbit) to ensure WFC3 performs a buffer dump at the end of each orbit. Otherwise, dumps would occur mid-observation.</i></p> <p><i>Numerical simulations predict that the planet will exhibit ~10-minute transit timing variations (TTVs) with a period of ~40 days. The relatively short observing windows will help to measure transits near maximum TTV variation. We are using the average orbital period from the TTV simulations, instead of the published value.</i></p>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(1)		GJ436	RA: 11 42 11.0937 (175.5462238d)	Proper Motion RA: 896.07 mas/yr	V=10.68	Reference Frame: ICRS
		Alt Name1: LHS-310	Dec: +26 42 23.65 (26.70657d)	Proper Motion Dec: -813.54 mas/yr	H = 6.3	
			Equinox: J2000	Epoch of Position: 2000		
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					

Proposal 13338 - Visit 2 (11) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	Image	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2	PHASE 0.865 TO 0.875; GS ACQ SCENARIO BASE1B3	Sequence 1-45 Non-Int in Visit 2 (11)	0.55563 Secs (0.556 Secs) [==>]	[1]
	2	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs) [==>]	[1]
	3	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs) [==>]	[1]
	4	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs) [==>]	[1]
	5	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs) [==>]	[1]
	6	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs) [==>]	[1]
	7	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs) [==>]	[1]
	8	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs) [==>]	[1]
	9	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs) [==>]	[1]
	10	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs) [==>]	[1]
	11	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs) [==>]	[1]
	12	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs) [==>]	[1]
	13	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs) [==>]	[1]

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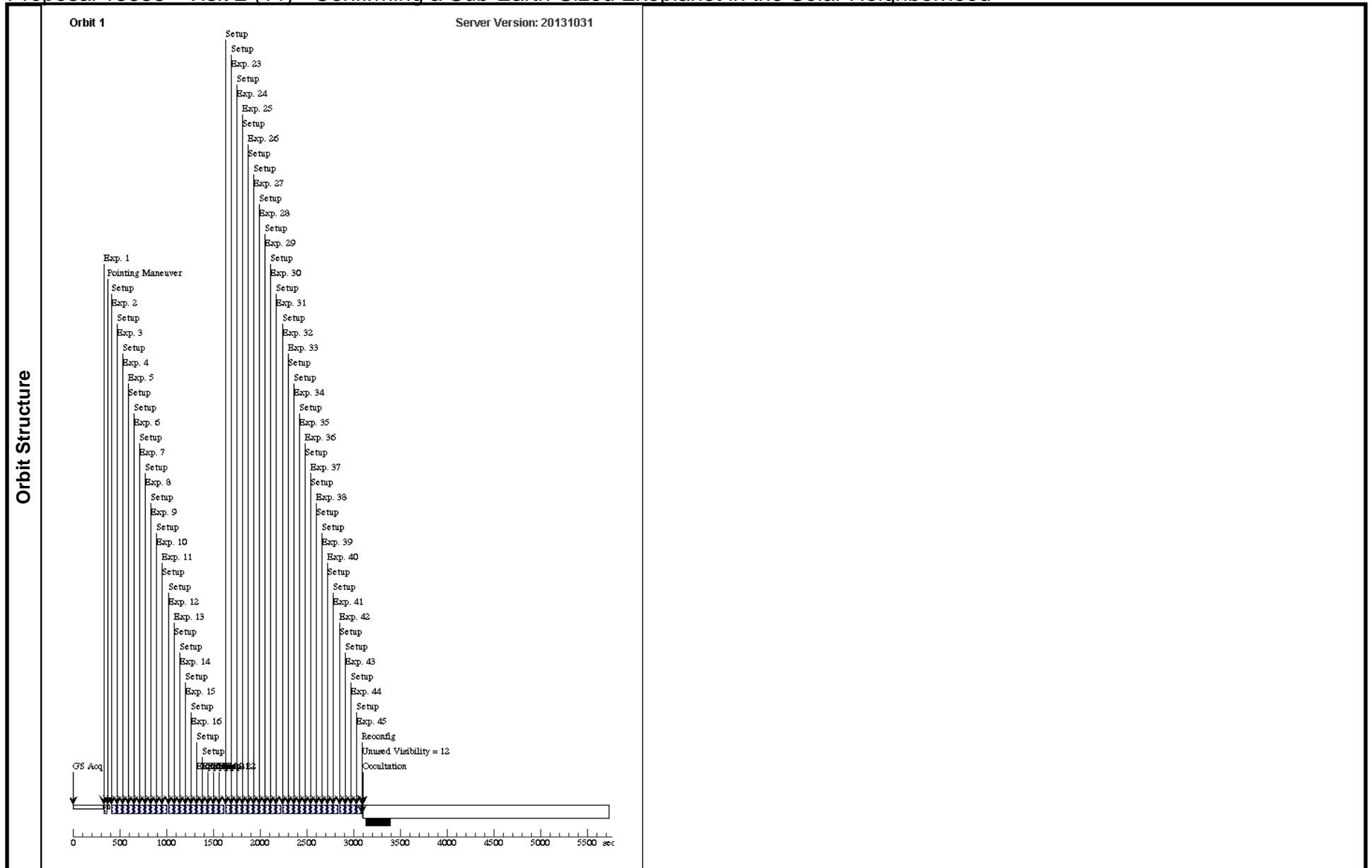
14	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
15	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
16	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
17	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
18	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
19	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
20	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
21	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
22	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
23	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
24	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
25	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
26	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]

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27	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
28	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
29	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
30	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
31	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
32	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
33	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
34	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
35	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
36	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
37	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
38	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
39	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]

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40	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
41	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
42	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
43	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
44	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]
45	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (11)	14.970789 Secs (14.971 Secs)	[==>]	[1]



# Proposal 13338 - Visit 2 (12) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

<b>Visit</b>	<b>Proposal 13338, Visit 2 (12), implementation</b> <span style="float: right;">Tue Jan 14 02:12:13 GMT 2014</span>					
	<b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 11					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(1)	GJ436 Alt Name1: LHS-310	RA: 11 42 11.0937 (175.5462238d) Dec: +26 42 23.65 (26.70657d) Equinox: J2000	Proper Motion RA: 896.07 mas/yr Proper Motion Dec: -813.54 mas/yr Epoch of Position: 2000	V=10.68 H = 6.3	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 13338 - Visit 2 (12) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Image	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID; NSAMP=2	GS ACQ SCENARI O BASE1B3	Sequence 1-45 Non-Int in Visit 2 (12)	0.55563 Secs (0.556 Secs) [==>]	[1]
	2	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs) [==>]	[1]
	3	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs) [==>]	[1]
	4	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs) [==>]	[1]
	5	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs) [==>]	[1]
	6	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs) [==>]	[1]
	7	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs) [==>]	[1]
	8	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs) [==>]	[1]
	9	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs) [==>]	[1]
	10	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs) [==>]	[1]
	11	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs) [==>]	[1]
	12	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs) [==>]	[1]
13	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs) [==>]	[1]	

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14	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
15	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
16	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
17	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
18	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
19	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
20	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
21	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
22	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
23	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
24	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
25	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
26	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]

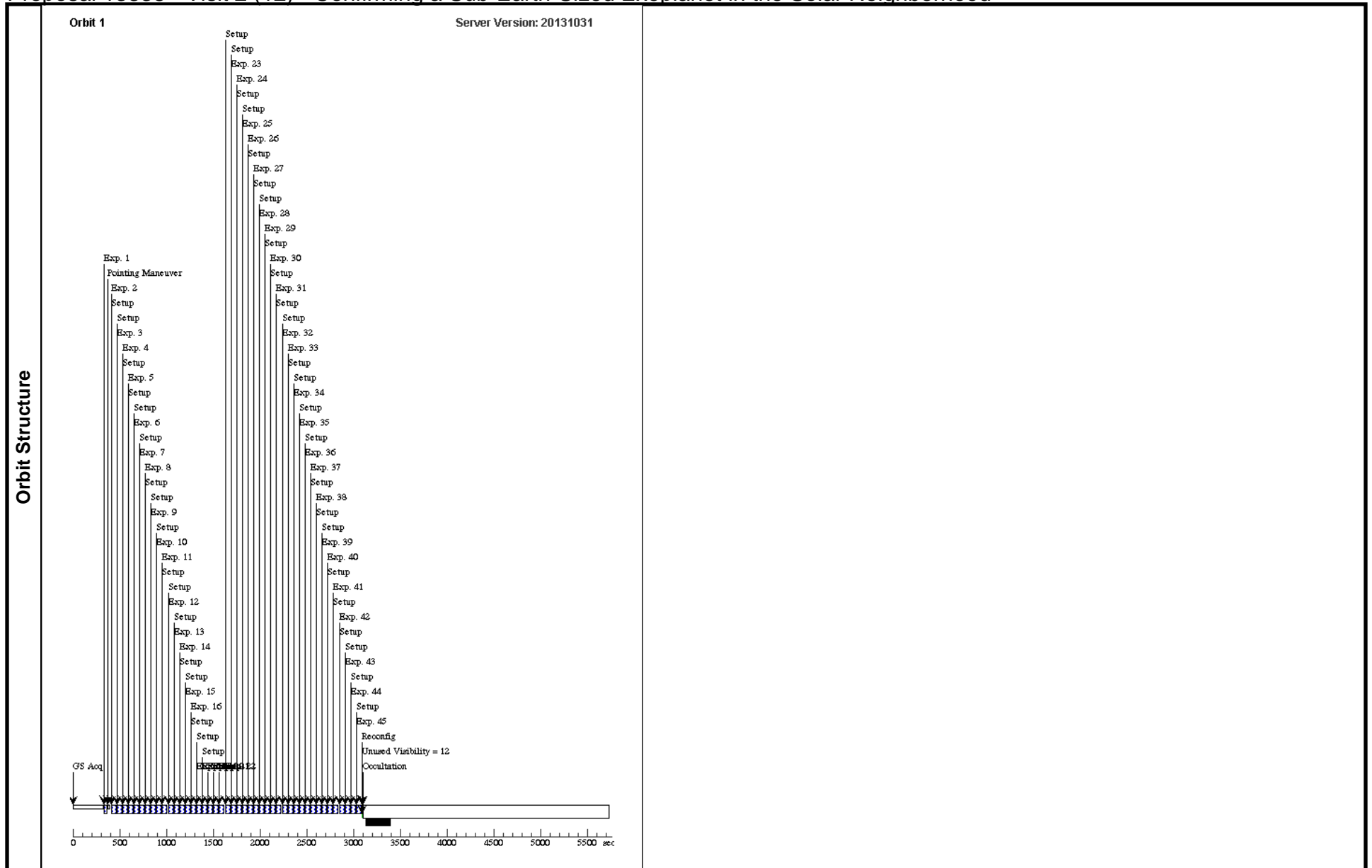
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27	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
28	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
29	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
30	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
31	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
32	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
33	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
34	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
35	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
36	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
37	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
38	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
39	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]

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40	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
41	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
42	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
43	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
44	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]
45	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (12)	14.970789 Secs (14.971 Secs)	[==>]	[1]

Proposal 13338 - Visit 2 (12) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood



# Proposal 13338 - Visit 2 (13) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

<b>Visit</b>	<b>Proposal 13338, Visit 2 (13), implementation</b> <span style="float: right;">Tue Jan 14 02:12:15 GMT 2014</span>					
	<b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 11					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(1)	GJ436 Alt Name1: LHS-310	RA: 11 42 11.0937 (175.5462238d) Dec: +26 42 23.65 (26.70657d) Equinox: J2000	Proper Motion RA: 896.07 mas/yr Proper Motion Dec: -813.54 mas/yr Epoch of Position: 2000	V=10.68 H = 6.3	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 13338 - Visit 2 (13) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Image	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2	GS ACQ SCENARI O BASE1B3	Sequence 1-45 Non-Int in Visit 2 (13)	0.55563 Secs (0.556 Secs) [==>]	[1]
	2	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs) [==>]	[1]
	3	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs) [==>]	[1]
	4	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs) [==>]	[1]
	5	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs) [==>]	[1]
	6	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs) [==>]	[1]
	7	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs) [==>]	[1]
	8	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs) [==>]	[1]
	9	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs) [==>]	[1]
	10	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs) [==>]	[1]
	11	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs) [==>]	[1]
	12	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs) [==>]	[1]
13	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs) [==>]	[1]	

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14	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
15	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
16	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
17	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
18	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
19	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
20	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
21	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
22	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
23	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
24	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
25	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
26	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]

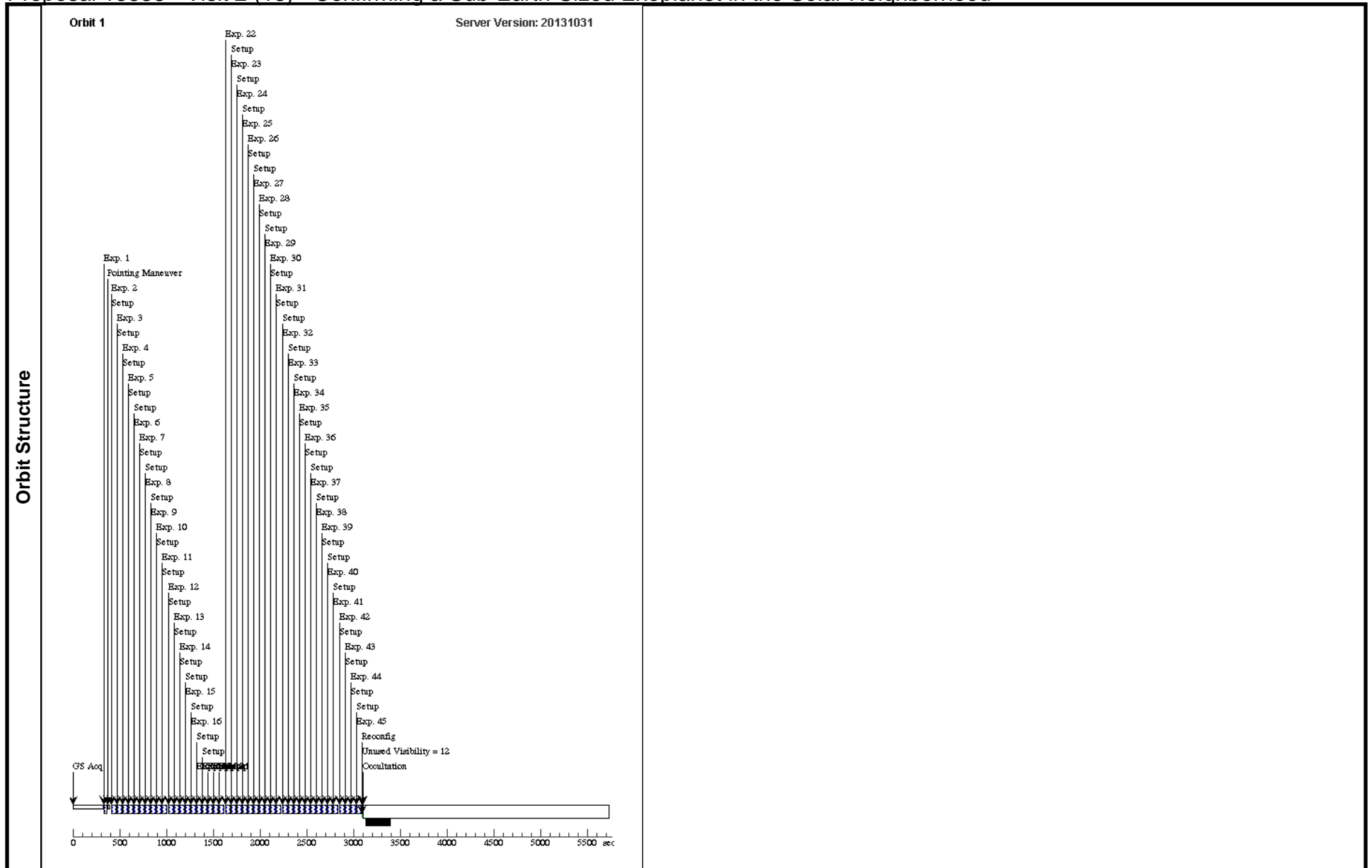
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27	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
28	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
29	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
30	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
31	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
32	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
33	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
34	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
35	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
36	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
37	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
38	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
39	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]

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40	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
41	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
42	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
43	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
44	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]
45	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (13)	14.970789 Secs (14.971 Secs)	[==>]	[1]

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# Proposal 13338 - Visit 2 (14) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

<b>Visit</b>	<b>Proposal 13338, Visit 2 (14), implementation</b> <span style="float: right;">Tue Jan 14 02:12:18 GMT 2014</span>					
	<b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR Special Requirements: SCHED 80%; SAME ORIENT AS 11					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(1)	GJ436 Alt Name1: LHS-310	RA: 11 42 11.0937 (175.5462238d) Dec: +26 42 23.65 (26.70657d) Equinox: J2000	Proper Motion RA: 896.07 mas/yr Proper Motion Dec: -813.54 mas/yr Epoch of Position: 2000	V=10.68 H = 6.3	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 13338 - Visit 2 (14) - Confirming a Sub-Earth-Sized Exoplanet in the Solar Neighborhood

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Image	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2	GS ACQ SCENARI O BASE1B3	Sequence 1-45 Non-Int in Visit 2 (14)	0.55563 Secs (0.556 Secs) [==>]	[1]
	2	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs) [==>]	[1]
	3	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs) [==>]	[1]
	4	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs) [==>]	[1]
	5	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs) [==>]	[1]
	6	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs) [==>]	[1]
	7	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs) [==>]	[1]
	8	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs) [==>]	[1]
	9	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs) [==>]	[1]
	10	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs) [==>]	[1]
	11	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs) [==>]	[1]
	12	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs) [==>]	[1]
13	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs) [==>]	[1]	

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14	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
15	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
16	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
17	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
18	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
19	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
20	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
21	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
22	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
23	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
24	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
25	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
26	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]

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27	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
28	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
29	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
30	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
31	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
32	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
33	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
34	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
35	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
36	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
37	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
38	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forward	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
39	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Reverse	Sequence 1-45 Non-Int in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]

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40	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
41	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
42	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
43	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
44	Forward	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Forwa rd	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]
45	Reverse	(1) GJ436	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S10	POS TARG 0,-15; SPATIAL SCAN 1.2 ,90.0 Degrees,Revers e	Sequence 1-45 Non-I nt in Visit 2 (14)	14.970789 Secs (14.971 Secs)	[==>]	[1]

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