



12550 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A

SNAP Spectral Mapping Survey

Cycle: 19, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Prof. Daniel Apai (PI)	University of Arizona	apai@as.arizona.edu
Dr. I. Neill Reid (CoI)	Space Telescope Science Institute	inr@stsci.edu
Ms. Jacqueline Radigan (CoI)	University of Toronto	radigan@astro.utoronto.ca
Prof. Adam Seth Burrows (CoI)	Princeton University	burrows@astro.princeton.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) SDSSJ000013.54+255418.6	WFC3/IR	1	13-Oct-2011 21:08:00.0	yes
02	(2) 2MASSWJ0030300-145033	WFC3/IR	1	13-Oct-2011 21:08:15.0	yes
04	(4) SDSSPJ010752.33+004156.1	WFC3/IR	1	13-Oct-2011 21:08:24.0	yes
05	(5) 2MASSJ01443536-0716142	WFC3/IR	1	13-Oct-2011 21:08:42.0	yes
08	(8) SDSSJ020742.48+000056.2	WFC3/IR	1	13-Oct-2011 21:08:53.0	yes
09	(9) 2MASSWJ0208549+250048	WFC3/IR	1	13-Oct-2011 21:09:01.0	yes
10	(10) 2MASSIJ0243137-245329	WFC3/IR	1	13-Oct-2011 21:09:08.0	yes
11	(11) DENIS-PJ0255-4700	WFC3/IR	1	13-Oct-2011 21:09:26.0	yes
12	(12) 2MASSWJ0310599+164816	WFC3/IR	1	13-Oct-2011 21:09:44.0	yes
13	(13) 2MASSJ03185403-3421292	WFC3/IR	1	13-Oct-2011 21:09:53.0	yes

Proposal 12550 (STScI Edit Number: 0, Created: Thursday, October 13, 2011 8:18:56 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
14	(14) 2MASSJ0328426+230205	WFC3/IR	1	13-Oct-2011 21:10:02.0	yes
15	(15) 2MASSJ03552337+1133437	WFC3/IR	1	13-Oct-2011 21:10:17.0	yes
16	(16) 2MASSJ04210718-6306022	WFC3/IR	1	13-Oct-2011 21:10:28.0	yes
17	(17) SDSSPJ053951.99-005902.0	WFC3/IR	1	13-Oct-2011 21:10:40.0	yes
18	(18) 2MASSJ05591914-1404488	WFC3/IR	1	13-Oct-2011 21:11:03.0	yes
19	(19) 2MASSJ06244595-4521548	WFC3/IR	1	13-Oct-2011 21:11:21.0	yes
21	(21) 2MASSJ0755480+221218	WFC3/IR	1	13-Oct-2011 21:11:37.0	yes
22	(22) SDSSJ075840.33+324723.4	WFC3/IR	1	13-Oct-2011 21:11:47.0	yes
23	(23) 2MASSWJ0801405+462850	WFC3/IR	1	13-Oct-2011 21:11:56.0	yes
24	(24) DENISJ081730.0-615520	WFC3/IR	1	13-Oct-2011 21:12:14.0	yes
25	(25) 2MASSWJ0820299+450031	WFC3/IR	1	13-Oct-2011 21:12:28.0	yes
26	(26) 2MASSJ0825196+211552	WFC3/IR	1	13-Oct-2011 21:12:36.0	yes
27	(27) 2MASSWJ0829570+265510	WFC3/IR	1	13-Oct-2011 21:12:46.0	yes
28	(28) SDSSPJ083008.12+482847.4	WFC3/IR	1	13-Oct-2011 21:12:54.0	yes
29	(29) SDSSPJ085758.45+570851.4	WFC3/IR	1	13-Oct-2011 21:13:03.0	yes
30	(30) SDSSJ085834.42+325627.7	WFC3/IR	1	13-Oct-2011 21:13:10.0	yes
31	(31) 2MASSJ0908380+503208	WFC3/IR	1	13-Oct-2011 21:13:21.0	yes
32	(32) SDSSJ090900.73+652527.2	WFC3/IR	1	13-Oct-2011 21:13:32.0	yes
33	(33) 2MASSJ0937347+293142	WFC3/IR	1	13-Oct-2011 21:13:44.0	yes
34	(34) 2MASSJ09490860-1545485	WFC3/IR	1	13-Oct-2011 21:13:56.0	yes
35	(35) SDSSJ103931.35+325625.5	WFC3/IR	1	13-Oct-2011 21:14:03.0	yes
36	(36) SDSSJ105213.51+442255.7	WFC3/IR	1	13-Oct-2011 21:14:09.0	yes
37	(37) 2MASSJ11061197+2754225	WFC3/IR	1	13-Oct-2011 21:14:18.0	yes
38	(38) SDSSPJ111010.01+011613.1	WFC3/IR	1	13-Oct-2011 21:14:28.0	yes
39	(39) SDSSJ115013.17+052012.3	WFC3/IR	1	13-Oct-2011 21:14:35.0	yes

Proposal 12550 (STScI Edit Number: 0, Created: Thursday, October 13, 2011 8:18:56 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
40	(40) SDSSJ115553.86+055957.5	WFC3/IR	1	13-Oct-2011 21:14:43.0	yes
41	(41) SDSSJ120747.17+024424.8	WFC3/IR	1	13-Oct-2011 21:14:52.0	yes
42	(42) 2MASSJ1213033-043243	WFC3/IR	1	13-Oct-2011 21:15:05.0	yes
44	(44) SDSSJ121951.45+312849.4	WFC3/IR	1	13-Oct-2011 21:15:18.0	yes
45	(45) SDSSPJ125453.90-012247.4	WFC3/IR	1	13-Oct-2011 21:15:30.0	yes
46	(46) 2MASSJ13243559+6358284	WFC3/IR	1	13-Oct-2011 21:15:44.0	yes
47	(47) SDSSPJ132629.82-003831.5	WFC3/IR	1	13-Oct-2011 21:15:51.0	yes
48	(48) 2MASSWJ1328550+211449	WFC3/IR	1	13-Oct-2011 21:15:58.0	yes
49	(49) SDSSJ133148.92-011651.4	WFC3/IR	1	13-Oct-2011 21:16:05.0	yes
51	(51) 2MASSJ15031961+2525196	WFC3/IR	1	13-Oct-2011 21:16:21.0	yes
52	(52) 2MASSWJ1515008+484742	WFC3/IR	1	13-Oct-2011 21:16:38.0	yes
53	(53) SDSSJ152039.82+354619.8	WFC3/IR	1	13-Oct-2011 21:16:50.0	yes
54	(54) SDSSJ152103.24+013142.7	WFC3/IR	1	13-Oct-2011 21:16:58.0	yes
55	(55) 2MASSJ1526140+204341	WFC3/IR	1	13-Oct-2011 21:17:05.0	yes
57	(57) SDSSPJ162414.37+002915.6	WFC3/IR	1	13-Oct-2011 21:17:14.0	yes
58	(58) 2MASSWJ1632291+190441	WFC3/IR	1	13-Oct-2011 21:17:22.0	yes
59	(59) 2MASSJ1711457+223204	WFC3/IR	1	13-Oct-2011 21:17:28.0	yes
61	(61) 2MASSJ17502484-0016151	WFC3/IR	1	13-Oct-2011 21:17:43.0	yes
62	(62) SDSSPJ175032.96+175903.9	WFC3/IR	1	13-Oct-2011 21:18:00.0	yes
63	(63) SDSSJ205235.31-160929.8	WFC3/IR	1	13-Oct-2011 21:18:05.0	yes
64	(64) 2MASSJ21373742+0808463	WFC3/IR	1	13-Oct-2011 21:18:17.0	yes
65	(65) 2MASSWJ2244316+204343	WFC3/IR	1	13-Oct-2011 21:18:26.0	yes
66	(66) 2MASSJ2254188+312349	WFC3/IR	1	13-Oct-2011 21:18:32.0	yes
67	(67) 2MASSJ2339101+135230	WFC3/IR	1	13-Oct-2011 21:18:40.0	yes
68	(68) 2MASSJ2356547-155310	WFC3/IR	1	13-Oct-2011 21:18:46.0	yes

60 Total Orbits Used

ABSTRACT

Condensation, cloud formation and dissipation play a fundamental, yet poorly understood role in shaping the spectra of extrasolar giant planets and ultracool brown dwarfs. Clouds can suppress the emission of substellar objects and thus slow their, altering their evolution and leading to larger radii for a given age. Clouds are also thought to play a key role in the dramatic but yet unexplained L/T spectral type transition.

Diverse models have been proposed to explain the atmospheric evolution, from multi-condensate clouds to growing holes and sudden collapse of the cloud layers with decreasing temperatures. These models, however, are only weakly constrained by present-day observations.

We propose to address this challenge by using the unparalleled sensitivity and stability of WFC3 to obtain time series of G141 grism spectra of up to 60 single L/T dwarfs in a SNAP survey. With typical rotation periods of 3 hours our single-orbit observations will sample 1/3 to 1/4 of the surface of the targets. We will measure the level of rotational variability as a function of spectral type and wavelength to determine the frequency of clouds of different compositions. These observations will answer the questions: Are patchy clouds responsible for the L/T transition? and, What is the physical structure and chemical composition of the clouds (or hotspots) across the photospheres of the targets? Our observations will provide the first reliable study of the rate of spectroscopic variability – and thus chemical diversity – of ultracool atmospheres and identify exciting sources for in-depth follow-up.

OBSERVING DESCRIPTION

The goal of this SNAP survey is to provide a statistically significant assessment of infrared spectral variability of the L/T transition brown dwarfs. The observed variability statistics will verify the hypothesis that the spectral transition is due to a heterogeneous cloud cover (with covering fractions as a function of spectral type). Such heterogeneous clouds will, due to the rotation of the targets, introduce rotationally modulated spectral variations. The expected level of typical variation is on the order of a 1%, but can be as high as 5-7% in some sources. The typical rotation periods are 2-4 hours.

This is a SNAP survey.

Targets will be observed only once with a single-orbit visit.

For each target (within the single visit) we will obtain a direct image of the target followed by a series of WFC3/G141 grism spectra. The direct image serves to identify the position of the source in the chip, allowing accurate spectral extraction and wavelength calibration.

NEAR-IDENTICAL VISITS:

The visits are nearly identical for each target. However, we adjusted the following parameters:

- Target positions and information
- Exposure time for the direct image
- Exposure times for the spectral series
- The length of a shorter, filler exposure
- Filter for the direct image

DIRECT IMAGES

At the beginning of each visit we will obtain a short direct image of the target.

The SNR on the source is typically about 80.

For typical sources ($J > 14.5$) we use the F127M filter.

For the ten brighter sources ($J < 14.5$) we use the F132N filter to avoid saturation.

SPECTRAL TIMESERIES

We are obtaining a series of high signal-to-noise WFC3 G141 spectra. Given the need for sub-array observations (see below), our choice of readout modes is somewhat limited. We will use SPARS25, which will allow to adjust the exposure times in increments of 20-22s in subarray operations.

Our strategy is to set the NSAMP parameter such that for each exposure we obtain a spectrum with $SNR \sim 150-190$. We used an actual WFC3/G141 observation of a T2 brown dwarf with the WFC3 ETC to determine the optimal NSAMP as a function of J-band brightness. The brightest pixels in every spectra remain well under 40K to avoid saturation (even at the end of the multi-accum readout).

We used the following NINT and NSAMP sequence:

J=13-14 mag NINT=72 NSAMP=2 SNR~186

J=14-15 mag NINT=44 NSAMP=3 SNR~152

J=15-16 mag NINT=21 NSAMP=6 SNR~150

J>16 mag NINT=11 NSAMP=11 SNR~140

With the NSAMP determined above, we filled up the orbits to about 2500-3000s by increasing NINT. We did not fill up the orbits completely to help scheduling these observations.

Note, that by co-adding individual spectra (NSAMP integrations) a higher SNR can be achieved during the reduction; similarly, because each non-destructive read-out is stored, a high cadence can be reached at the expense of lower SNR by splitting NSAMP sequences.

NO DITHERING:

The observations aim to reach the highest possible accuracy in relative photometry.

Therefore, the spectroscopic dataset is taken without dithering.

SUBARRAYS AND POSTARG OFFSETS:

We aim to obtain spectral time series as continuous as possible, i.e. try to avoid buffer dumps during the observations. Because our targets are single sources, we will use 256x256 pixel subarrays, which allow us to carry out the observations without buffer dumps.

For this operation we selected the new GRISM256 aperture for the Direct Image as well as for the spectra. Note, that we did not include any POSTARG offsets between these two (i.e. POSTARG X and Y are set to 0., 0.). Based on the Aperture definitions and our previous Cycle 18 data this should place the target at X:29 and Y:145 on the direct image and center the spectra in the G141 image.

Program Coordinator: Could you please verify that the spectra and the direct image will be fully on the subarray?

Proposal 12550 - Visit 01 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 01, pi Fri Oct 14 01:18:57 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	SDSSJ000013.54+25541 8.6	RA: 00 00 13.5400 (.0564167d) Dec: +25 54 18.00 (25.90500d) Equinox: J2000	Proper Motion RA: 0.006 arcsec/yr Proper Motion Dec: 0.13 arcsec/yr Epoch of Position: 1998.8	V=(?) J=15.063	Reference Frame: ICRS

Proposal 12550 - Visit 01 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

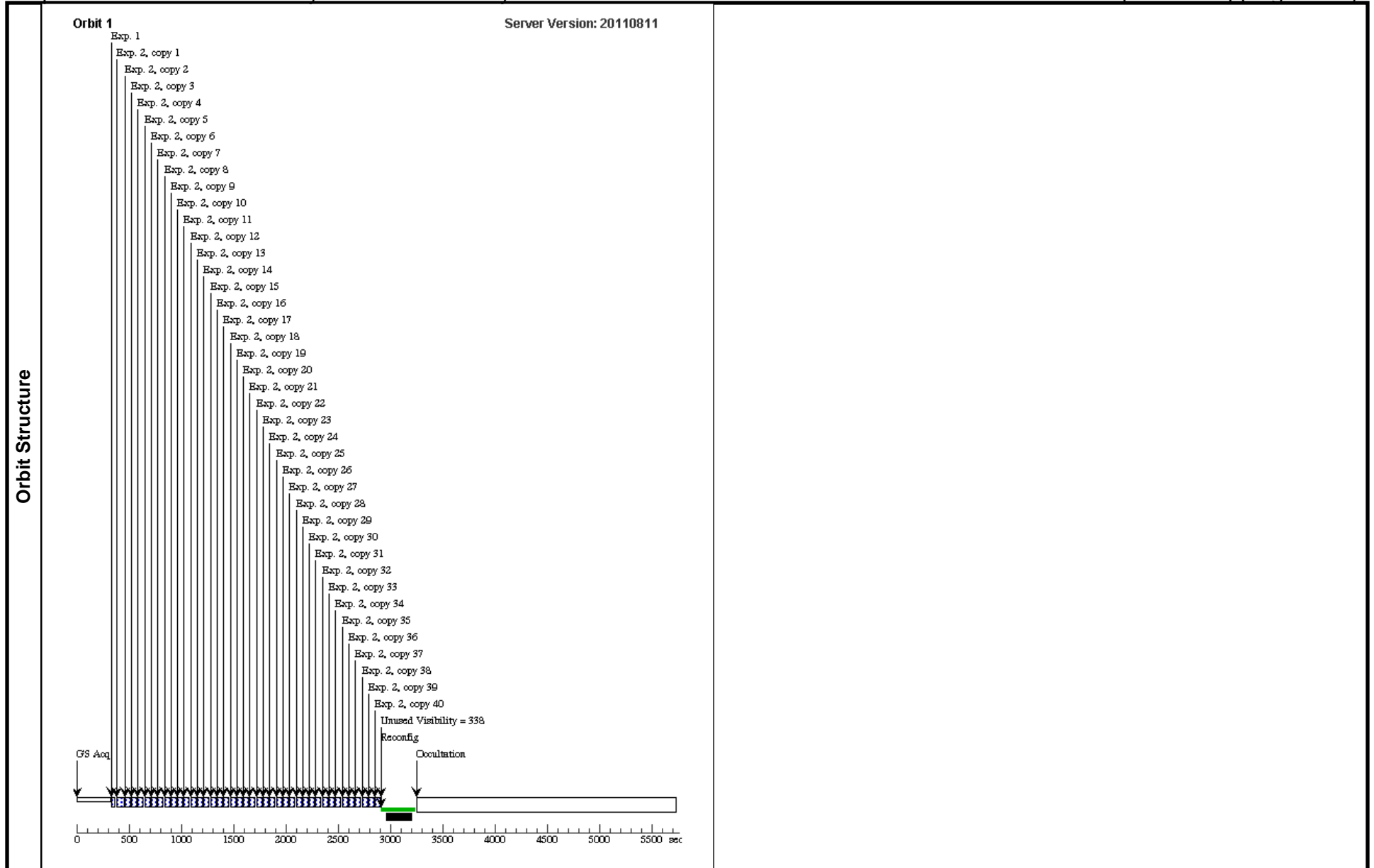
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Imag e	(1) SDSSJ000013.54 +255418.6	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<p><i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X-29 Y-145 on the direct image.</i></p>									

Exposures

Proposal 12550 - Visit 01 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

2	(1) SDSSJ000013.54 +255418.6	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S25	POS TARG -0,0	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] [==>(Copy 29)] [==>(Copy 30)] [==>(Copy 31)] [==>(Copy 32)] [==>(Copy 33)] [==>(Copy 34)] [==>(Copy 35)] [==>(Copy 36)] [==>(Copy 37)] [==>(Copy 38)] [==>(Copy 39)] [==>(Copy 40)]	[1]
---	---------------------------------	----------------------------------	------	----------------------------------	---------------	---	-----

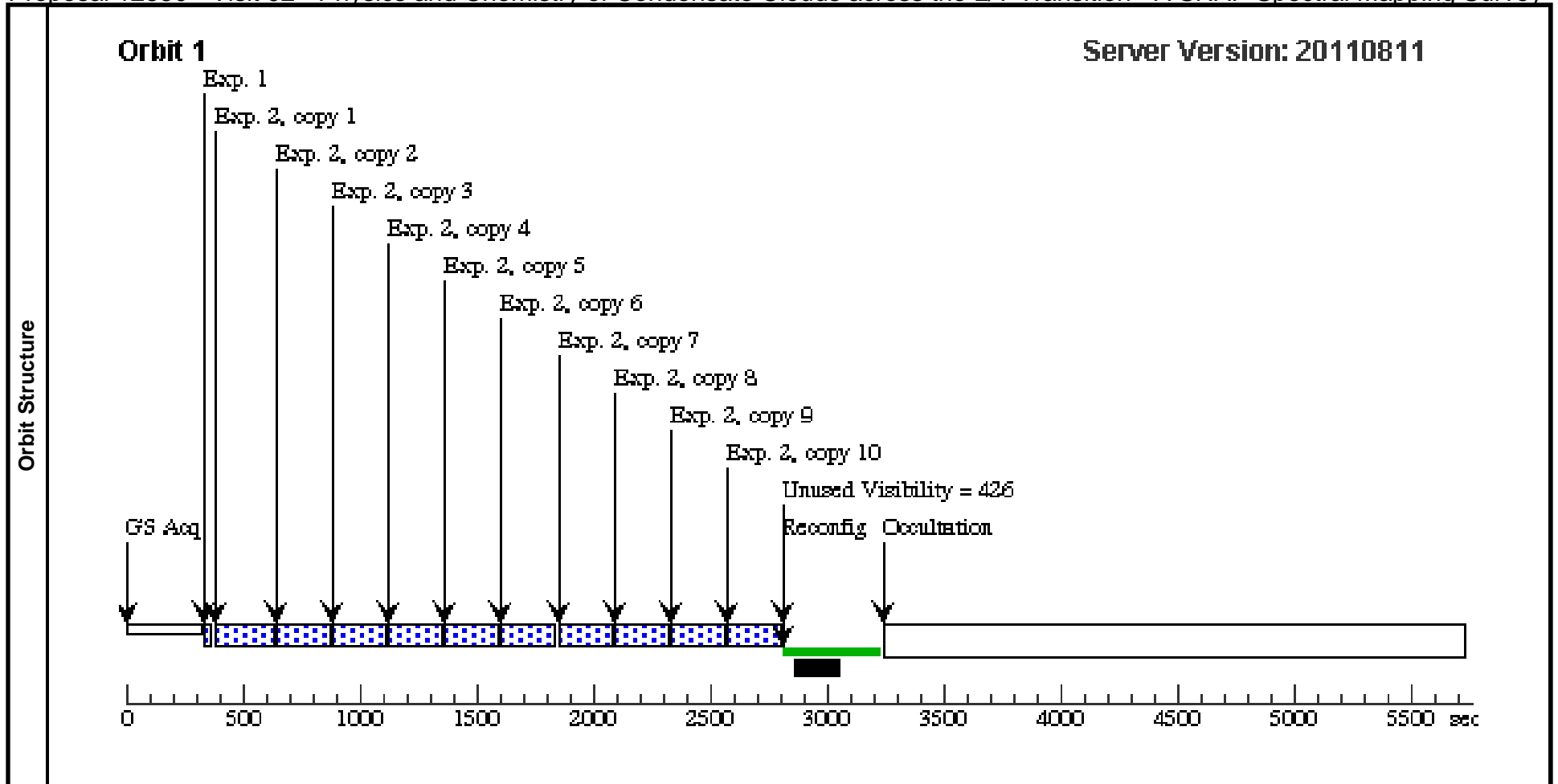
Comments: J=15.06



Proposal 12550 - Visit 02 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:01 GMT 2011

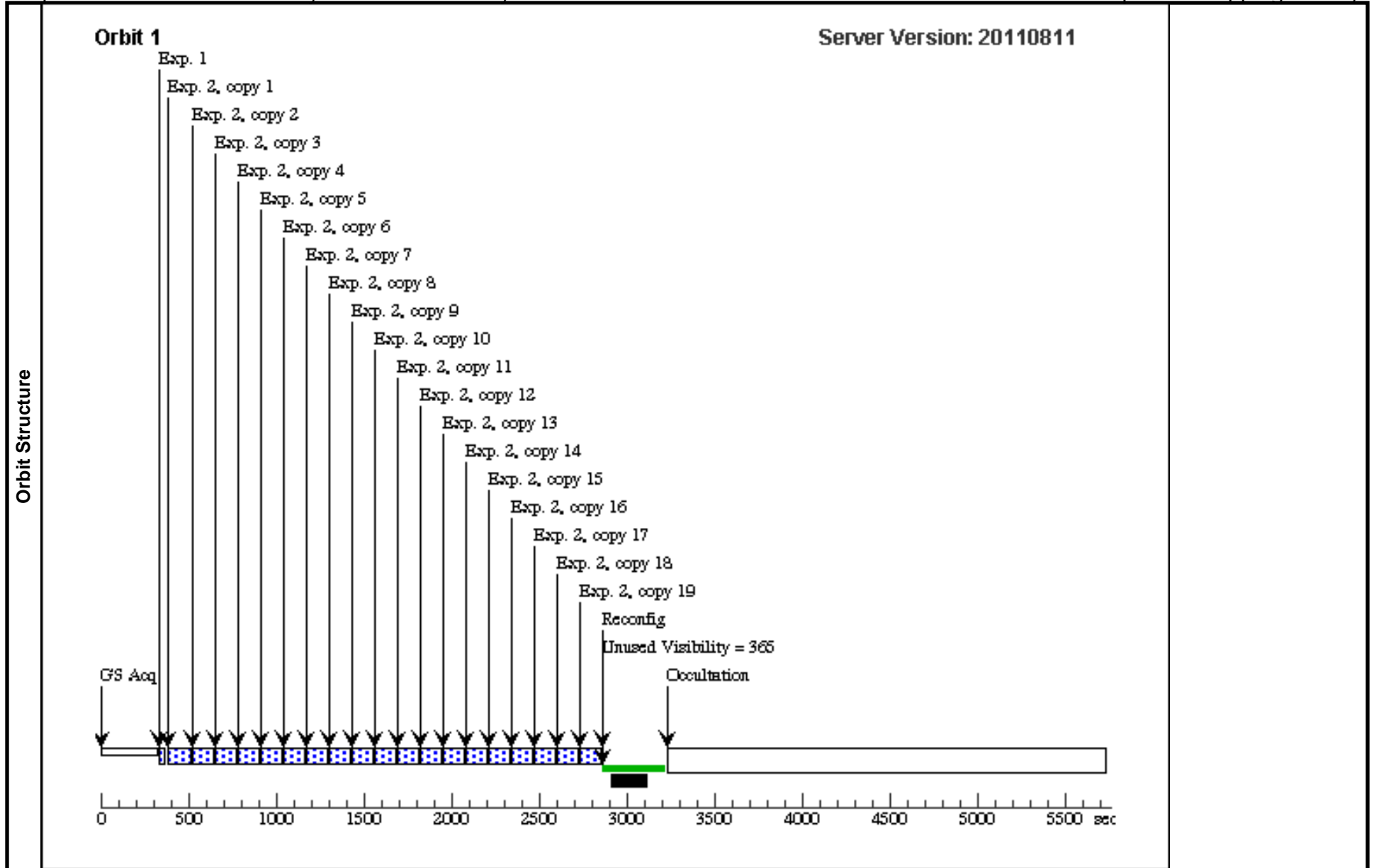
Visit	Proposal 12550, Visit 02, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	2MASSWJ0030300-145033	RA: 00 30 30.1300 (7.6255417d) Dec: -14 50 33.30 (-14.84258d) Equinox: J2000	Proper Motion RA: 0.24 arcsec/yr Proper Motion Dec: -0.028 arcsec/yr Epoch of Position: 2000.8	V=(?) J=16.278	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(2) 2MASSWJ0030300-145033	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(2) 2MASSWJ0030300-145033	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[1]
<i>Comments: J=16.27</i>										



Proposal 12550 - Visit 04 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:01 GMT 2011

Visit	Proposal 12550, Visit 04, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	SDSSPJ010752.33+004156.1	RA: 01 07 52.4200 (16.9684167d) Dec: +00 41 56.30 (.69897d) Equinox: J2000	Proper Motion RA: 0.628 arcsec/yr Proper Motion Dec: 0.091 arcsec/yr Epoch of Position: 2000.7	V=(?) J=15.824	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(4) SDSSPJ010752.33+004156.1	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0			[==>]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(4) SDSSPJ010752.33+004156.1	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)]	[1]
<i>Comments: J=15.82</i>										



Proposal 12550 - Visit 05 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 05, pi Fri Oct 14 01:19:02 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>												
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>2MASSJ01443536-0716142</td> <td> RA: 01 44 35.3600 (26.1473333d) Dec: -07 16 14.20 (-7.27061d) Equinox: J2000 </td> <td> Proper Motion RA: 0.395 arcsec/yr Proper Motion Dec: -0.204 arcsec/yr Epoch of Position: 1998.8 </td> <td> V=(?) J=14.191 </td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(5)	2MASSJ01443536-0716142	RA: 01 44 35.3600 (26.1473333d) Dec: -07 16 14.20 (-7.27061d) Equinox: J2000	Proper Motion RA: 0.395 arcsec/yr Proper Motion Dec: -0.204 arcsec/yr Epoch of Position: 1998.8	V=(?) J=14.191
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(5)	2MASSJ01443536-0716142	RA: 01 44 35.3600 (26.1473333d) Dec: -07 16 14.20 (-7.27061d) Equinox: J2000	Proper Motion RA: 0.395 arcsec/yr Proper Motion Dec: -0.204 arcsec/yr Epoch of Position: 1998.8	V=(?) J=14.191	Reference Frame: ICRS								

Proposal 12550 - Visit 05 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

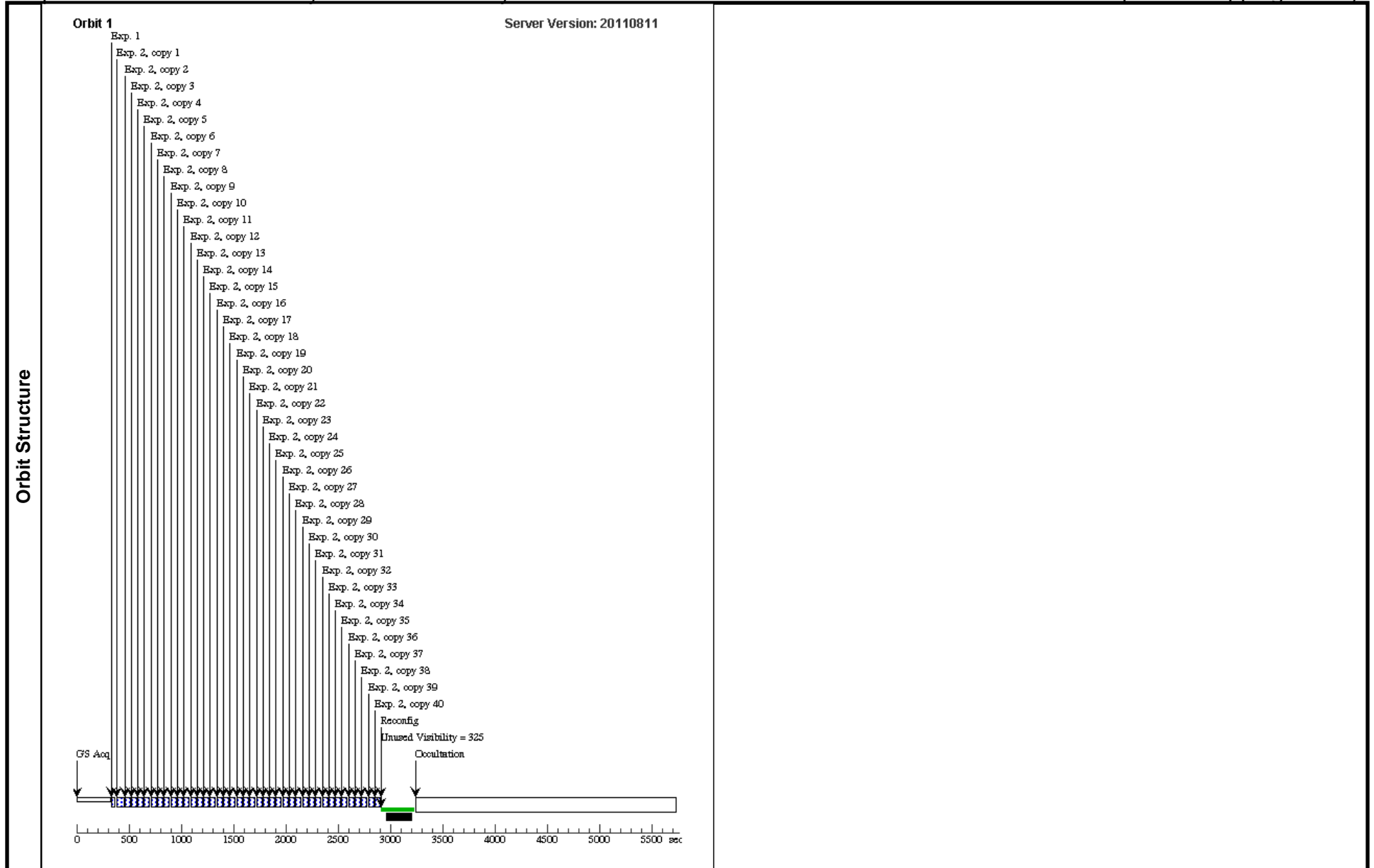
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(5) 2MASSJ0144353 6-0716142	WFC3/IR, MULTIACCUM, GRISM256	F132N	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<p><i>Comments: Direct image in F132N to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i></p>									

Exposures

Proposal 12550 - Visit 05 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

2	(5) 2MASSJ0144353 6-0716142	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S25	POS TARG 0,0	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] [==>(Copy 29)] [==>(Copy 30)] [==>(Copy 31)] [==>(Copy 32)] [==>(Copy 33)] [==>(Copy 34)] [==>(Copy 35)] [==>(Copy 36)] [==>(Copy 37)] [==>(Copy 38)] [==>(Copy 39)] [==>(Copy 40)]	[1]
---	--------------------------------	----------------------------------	------	----------------------------------	--------------	---	-----

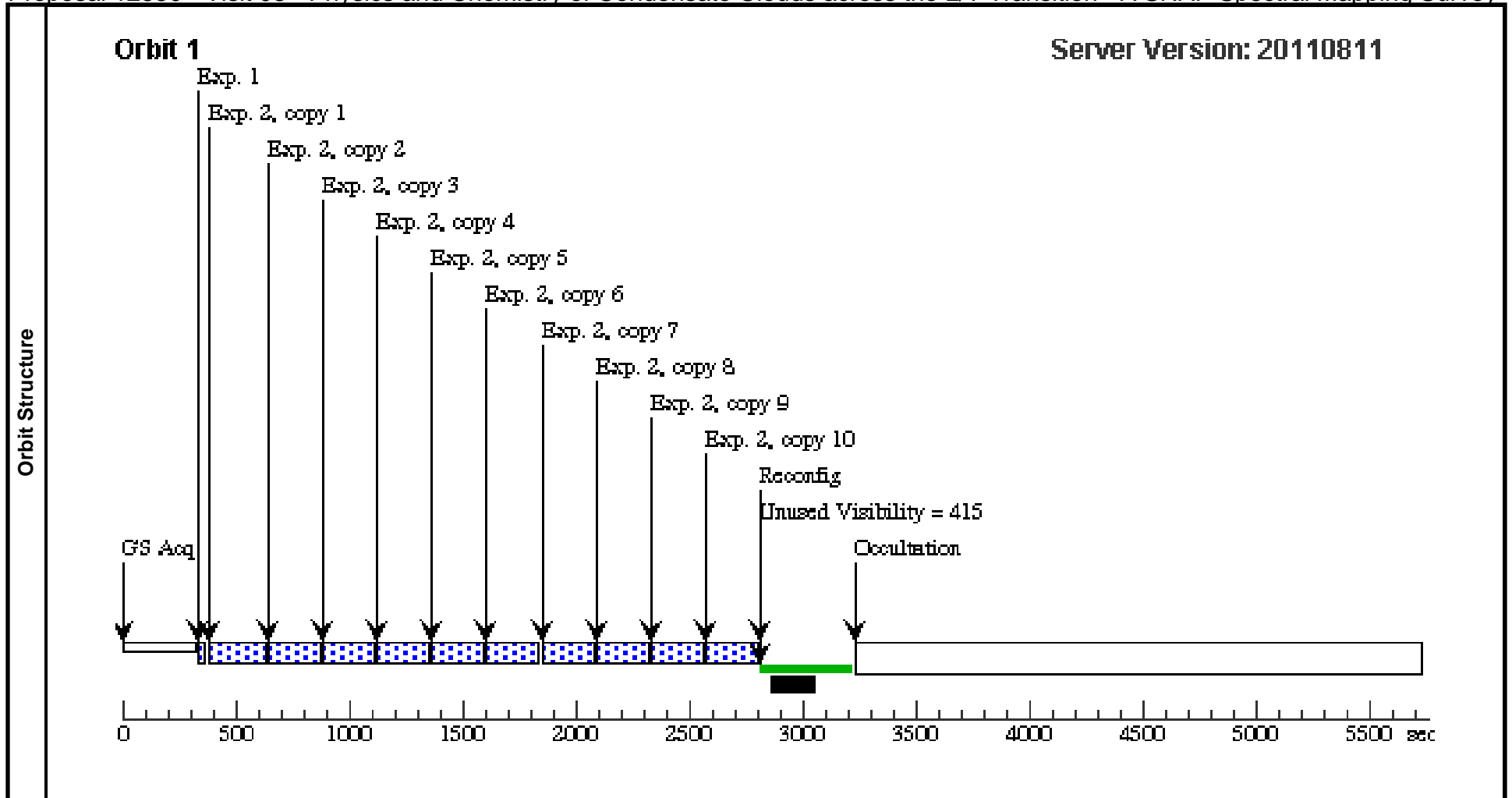
Comments: J=14.19



Proposal 12550 - Visit 08 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:03 GMT 2011

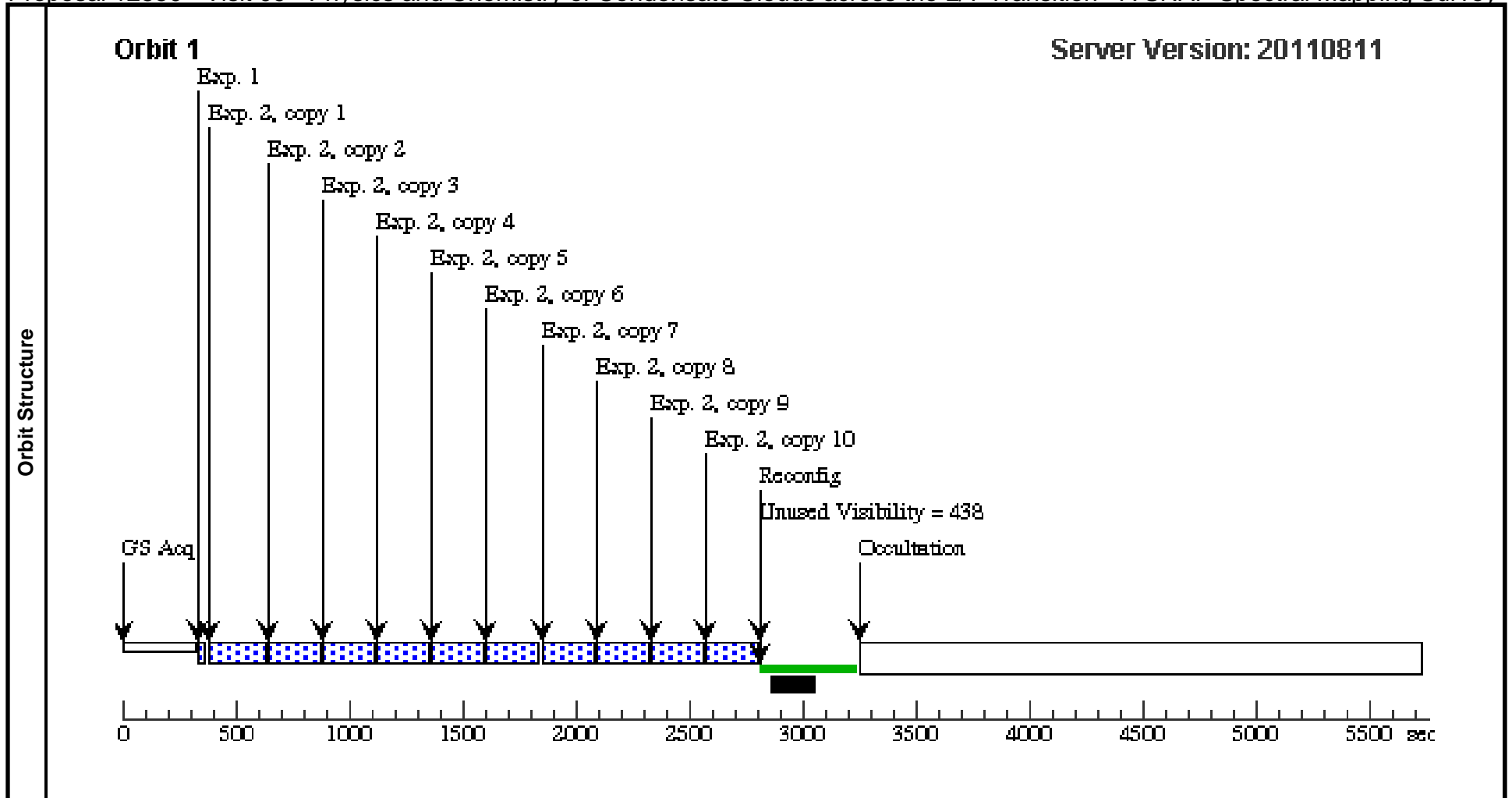
Visit	Proposal 12550, Visit 08, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(8)	SDSSJ020742.48+000056.2	RA: 02 07 42.8400 (31.9285000d) Dec: +00 00 56.40 (.01567d) Equinox: J2000	Proper Motion RA: 0.155 arcsec/yr Proper Motion Dec: -0.017 arcsec/yr Epoch of Position: 2000.6	V=(?) J=16.799	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(8) SDSSJ020742.48+000056.2	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(8) SDSSJ020742.48+000056.2	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[1]
<i>Comments: J=16.79</i>										



Proposal 12550 - Visit 09 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:04 GMT 2011

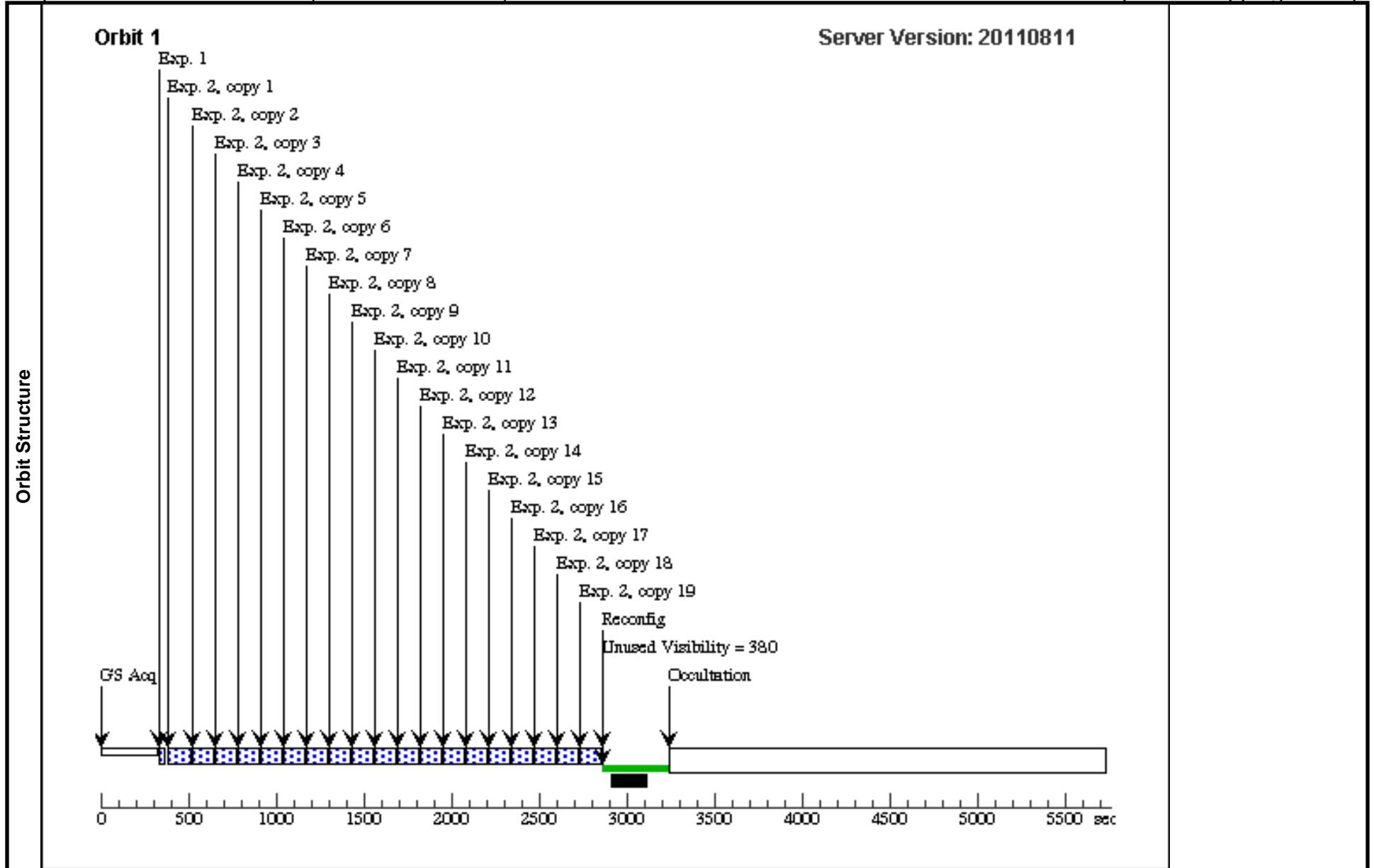
Visit	Proposal 12550, Visit 09, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(9)	2MASSWJ0208549+250048	RA: 02 08 54.9900 (32.2291250d) Dec: +25 00 48.80 (25.01356d) Equinox: J2000	Proper Motion RA: -0.022 arcsec/yr Proper Motion Dec: 0.06 arcsec/yr Epoch of Position: 1997.8	V=(?) J=16.206	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(9) 2MASSWJ0208549+250048	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
	Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.									
	2		(9) 2MASSWJ0208549+250048	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[1]
	Comments: J=16.20									



Proposal 12550 - Visit 10 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:05 GMT 2011

Visit	Proposal 12550, Visit 10, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(10)	2MASSJ0243137-245329	RA: 02 43 13.7100 (40.8071250d) Dec: -24 53 29.80 (-24.89161d) Equinox: J2000	Proper Motion RA: -0.288 arcsec/yr Proper Motion Dec: -0.208 arcsec/yr Epoch of Position: 1998.9	V=(?) J=15.381	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(10) 2MASSJ0243137-245329	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(10) 2MASSJ0243137-245329	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)]	[1]
<i>Comments: J=15.38</i>										



Proposal 12550 - Visit 11 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 11, pi Fri Oct 14 01:19:05 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>												
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(11)</td> <td>DENIS-PJ0255-4700</td> <td> RA: 02 55 3.5700 (43.7648750d) Dec: -47 00 50.90 (-47.01414d) Equinox: J2000 </td> <td> Proper Motion RA: 1.07 arcsec/yr Proper Motion Dec: -0.62 arcsec/yr Epoch of Position: 1998.9 </td> <td> V=(?) J=13.246 </td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(11)	DENIS-PJ0255-4700	RA: 02 55 3.5700 (43.7648750d) Dec: -47 00 50.90 (-47.01414d) Equinox: J2000	Proper Motion RA: 1.07 arcsec/yr Proper Motion Dec: -0.62 arcsec/yr Epoch of Position: 1998.9	V=(?) J=13.246
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(11)	DENIS-PJ0255-4700	RA: 02 55 3.5700 (43.7648750d) Dec: -47 00 50.90 (-47.01414d) Equinox: J2000	Proper Motion RA: 1.07 arcsec/yr Proper Motion Dec: -0.62 arcsec/yr Epoch of Position: 1998.9	V=(?) J=13.246	Reference Frame: ICRS								

Proposal 12550 - Visit 11 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(11) DENIS-PJ0255-4700	WFC3/IR, MULTIACCUM, GRISM256	F132N	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<p>Comments: Direct image in F132N to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</p>									

Exposures

Proposal 12550 - Visit 11 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

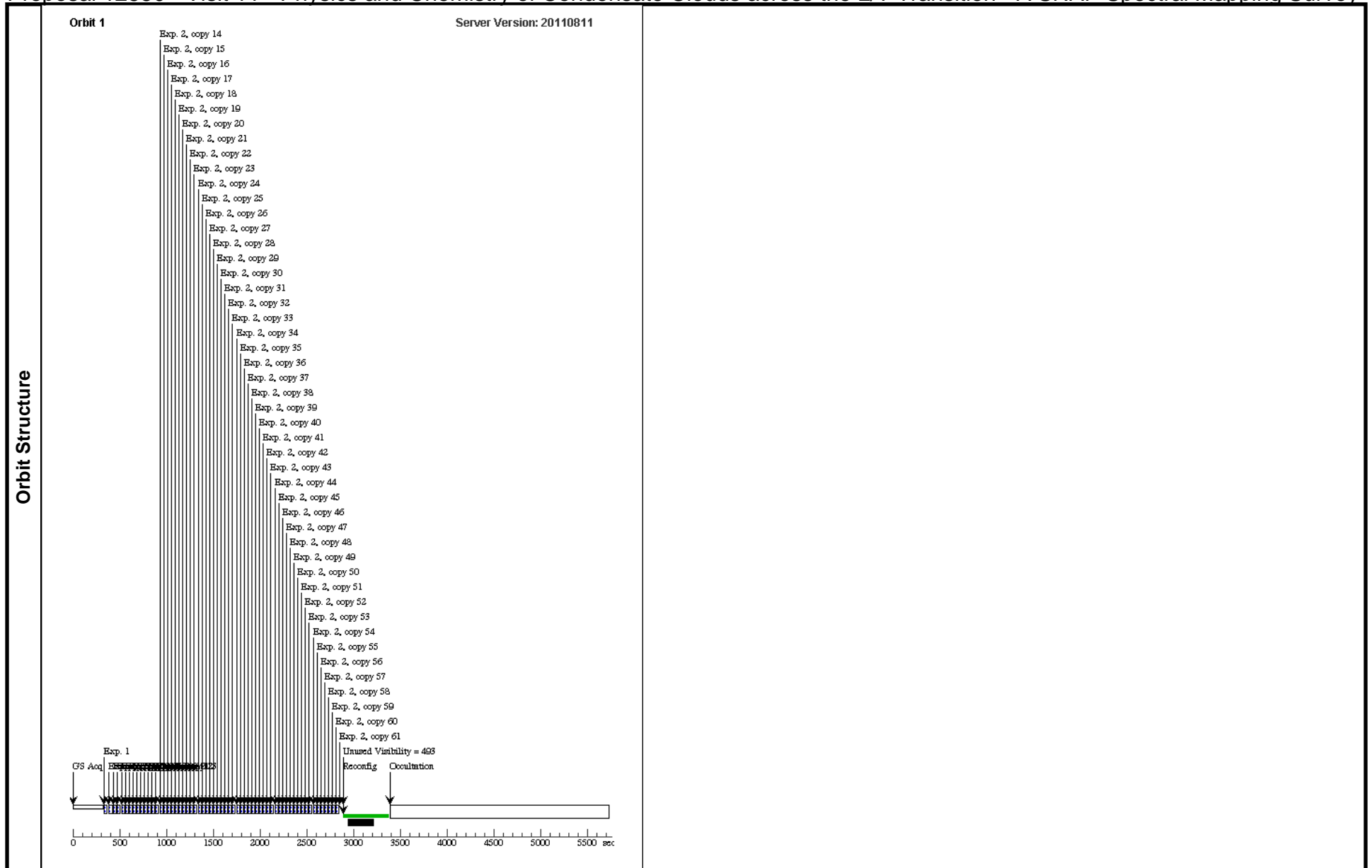
2	(11) DENIS-PJ0255- 4700 WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=2; SAMP-SEQ=SPAR S25	POS TARG 0,0	
---	---	------	----------------------------------	--------------	--

[==>(Copy 1)]
[==>(Copy 2)]
[==>(Copy 3)]
[==>(Copy 4)]
[==>(Copy 5)]
[==>(Copy 6)]
[==>(Copy 7)]
[==>(Copy 8)]
[==>(Copy 9)]
[==>(Copy 10)]
[==>(Copy 11)]
[==>(Copy 12)]
[==>(Copy 13)]
[==>(Copy 14)]
[==>(Copy 15)]
[==>(Copy 16)]
[==>(Copy 17)]
[==>(Copy 18)]
[==>(Copy 19)]
[==>(Copy 20)]
[==>(Copy 21)]
[==>(Copy 22)]
[==>(Copy 23)]
[==>(Copy 24)]
[==>(Copy 25)]
[==>(Copy 26)]
[==>(Copy 27)]
[==>(Copy 28)]
[==>(Copy 29)]
[==>(Copy 30)]
[==>(Copy 31)]
[==>(Copy 32)]
[==>(Copy 33)]
[==>(Copy 34)]
[==>(Copy 35)]
[==>(Copy 36)]
[==>(Copy 37)]
[==>(Copy 38)]
[==>(Copy 39)]
[==>(Copy 40)]
[==>(Copy 41)]
[==>(Copy 42)]
[==>(Copy 43)]
[==>(Copy 44)]
[==>(Copy 45)]

[1]

Proposal 12550 - Visit 11 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

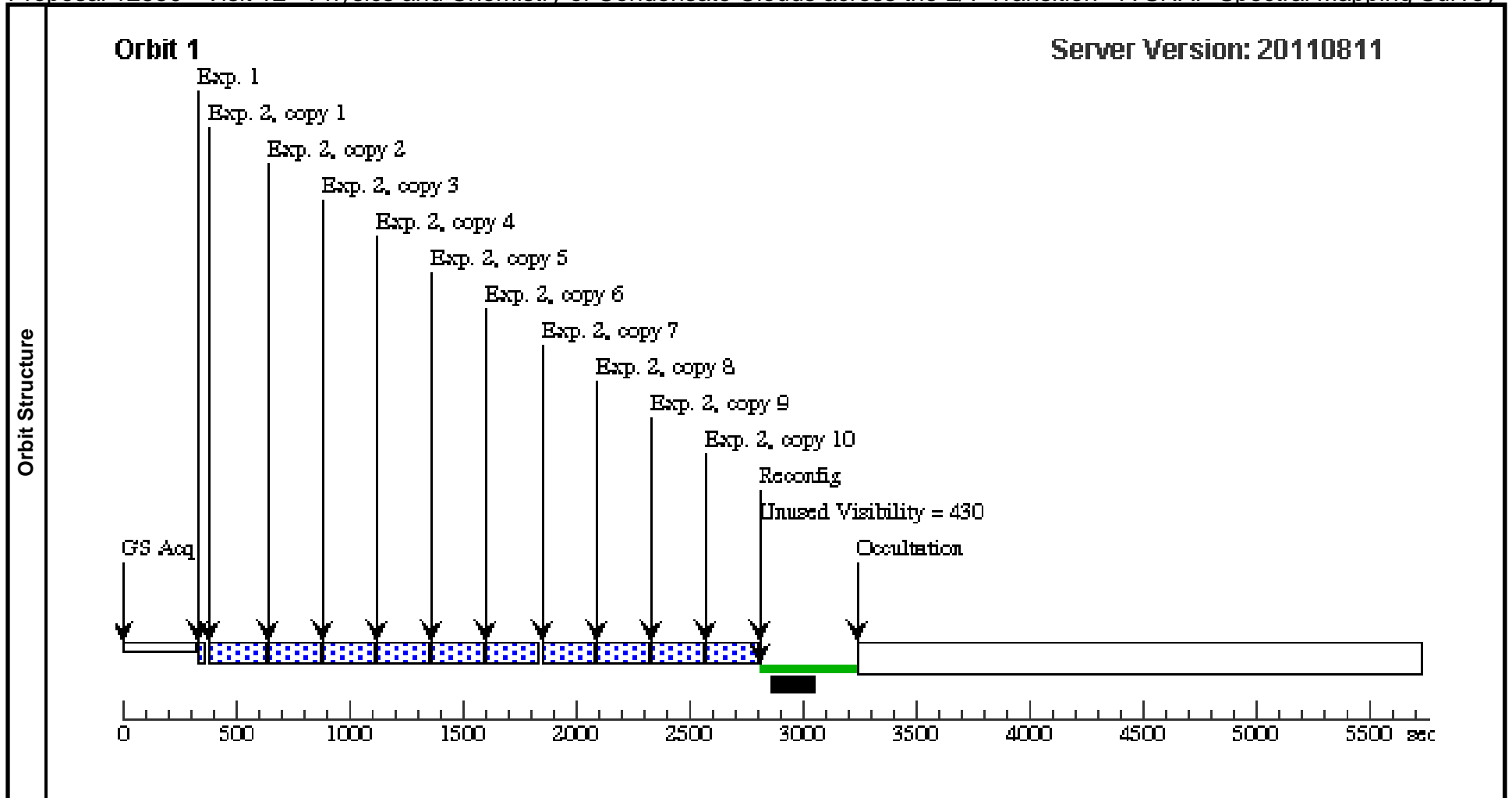
	[==>(Copy 46)] [==>(Copy 47)] [==>(Copy 48)] [==>(Copy 49)] [==>(Copy 50)] [==>(Copy 51)] [==>(Copy 52)] [==>(Copy 53)] [==>(Copy 54)] [==>(Copy 55)] [==>(Copy 56)] [==>(Copy 57)] [==>(Copy 58)] [==>(Copy 59)] [==>(Copy 60)] [==>(Copy 61)]
<i>Comments: J=13.24</i>	



Proposal 12550 - Visit 12 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:08 GMT 2011

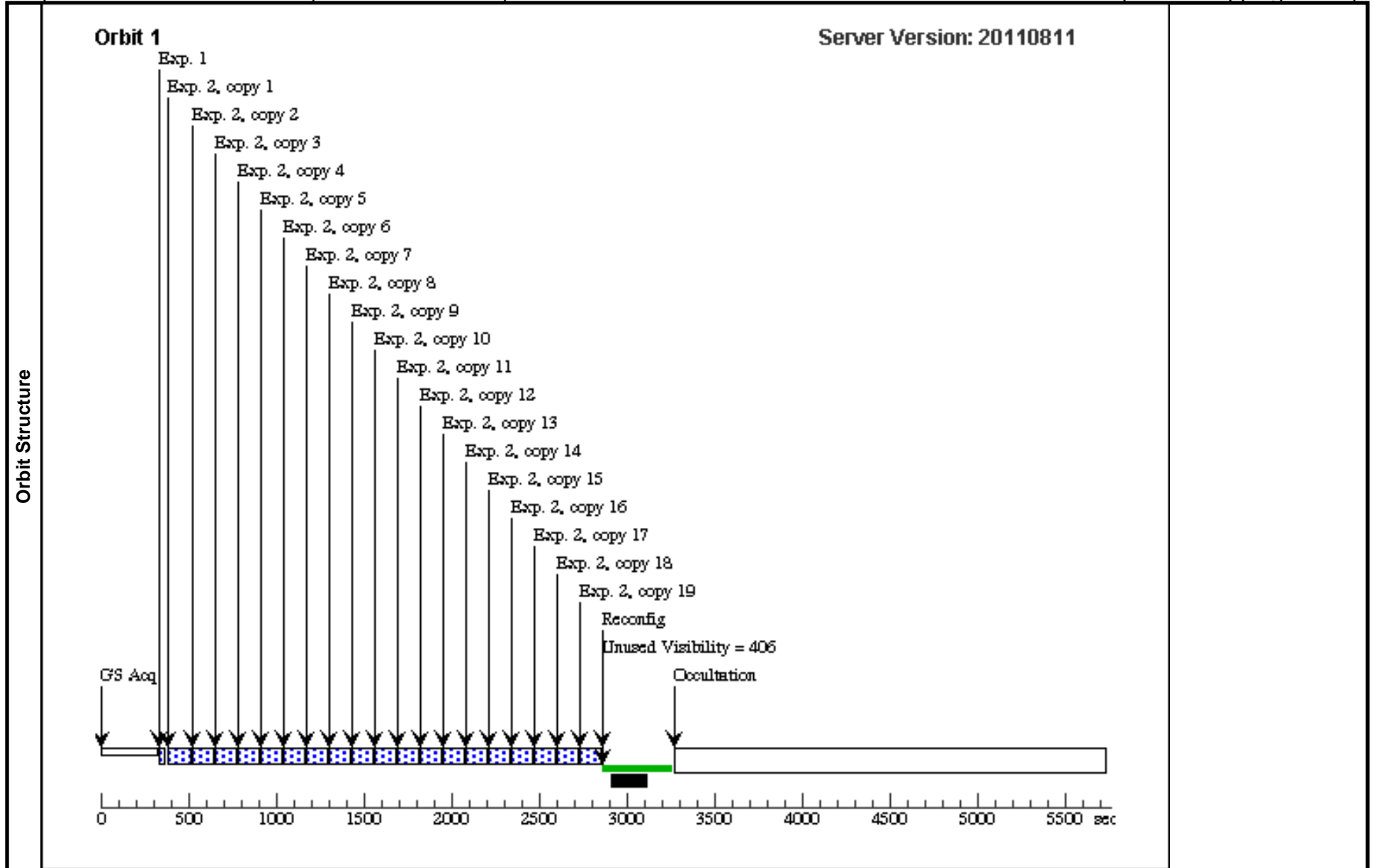
Visit	Proposal 12550, Visit 12, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(12)	2MASSWJ0310599+164816	RA: 03 10 59.8600 (47.7494167d) Dec: +16 48 15.50 (16.80431d) Equinox: J2000	Proper Motion RA: -0.706 arcsec/yr Proper Motion Dec: 0.119 arcsec/yr Epoch of Position: 1999.8	V=(?) J=16.025	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(12) 2MASSWJ0310599+164816	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(12) 2MASSWJ0310599+164816	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[1]
<i>Comments: J=16.02</i>										



Proposal 12550 - Visit 13 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:08 GMT 2011

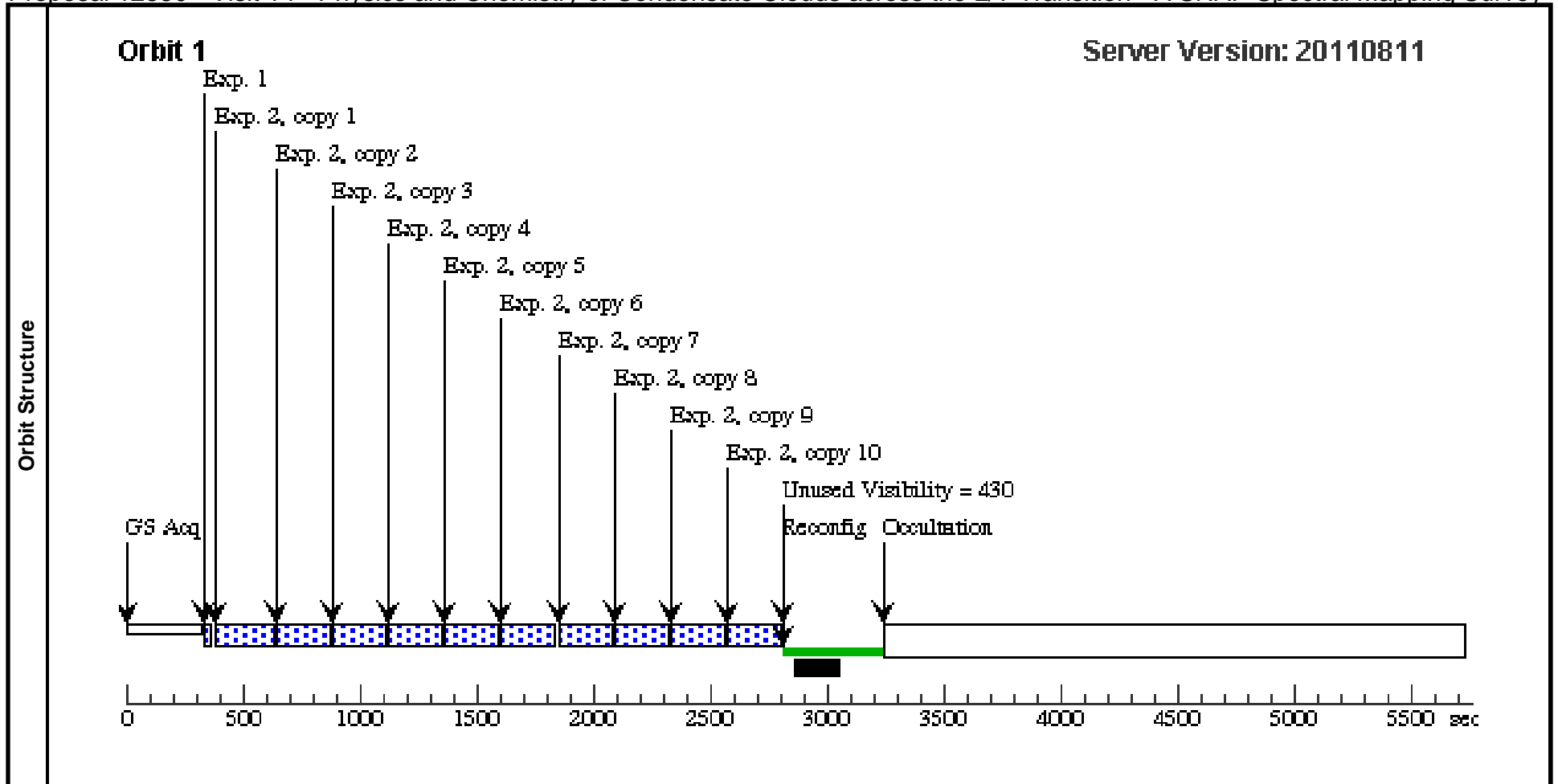
Visit	Proposal 12550, Visit 13, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(13)	2MASSJ03185403-3421292	RA: 03 18 54.0300 (49.7251250d) Dec: -34 21 29.20 (-34.35811d) Equinox: J2000	Proper Motion RA: 0.365 arcsec/yr Proper Motion Dec: 0.017 arcsec/yr Epoch of Position: 1998.9	V=(?) J=15.569	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(13) 2MASSJ03185403-3421292	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
	<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>									
	2		(13) 2MASSJ03185403-3421292	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)]	[1]
	<i>Comments: J=15.56</i>									



Proposal 12550 - Visit 14 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:09 GMT 2011

Visit	Proposal 12550, Visit 14, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(14)	2MASSJ0328426+230205	RA: 03 28 42.6500 (52.1777083d) Dec: +23 02 5.10 (23.03475d) Equinox: J2000	Proper Motion RA: 0.013 arcsec/yr Proper Motion Dec: -0.06 arcsec/yr Epoch of Position: 1997.8	V=(?) J=16.693	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(14) 2MASSJ0328426+230205	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(14) 2MASSJ0328426+230205	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[1]
<i>Comments: J=16.69</i>										



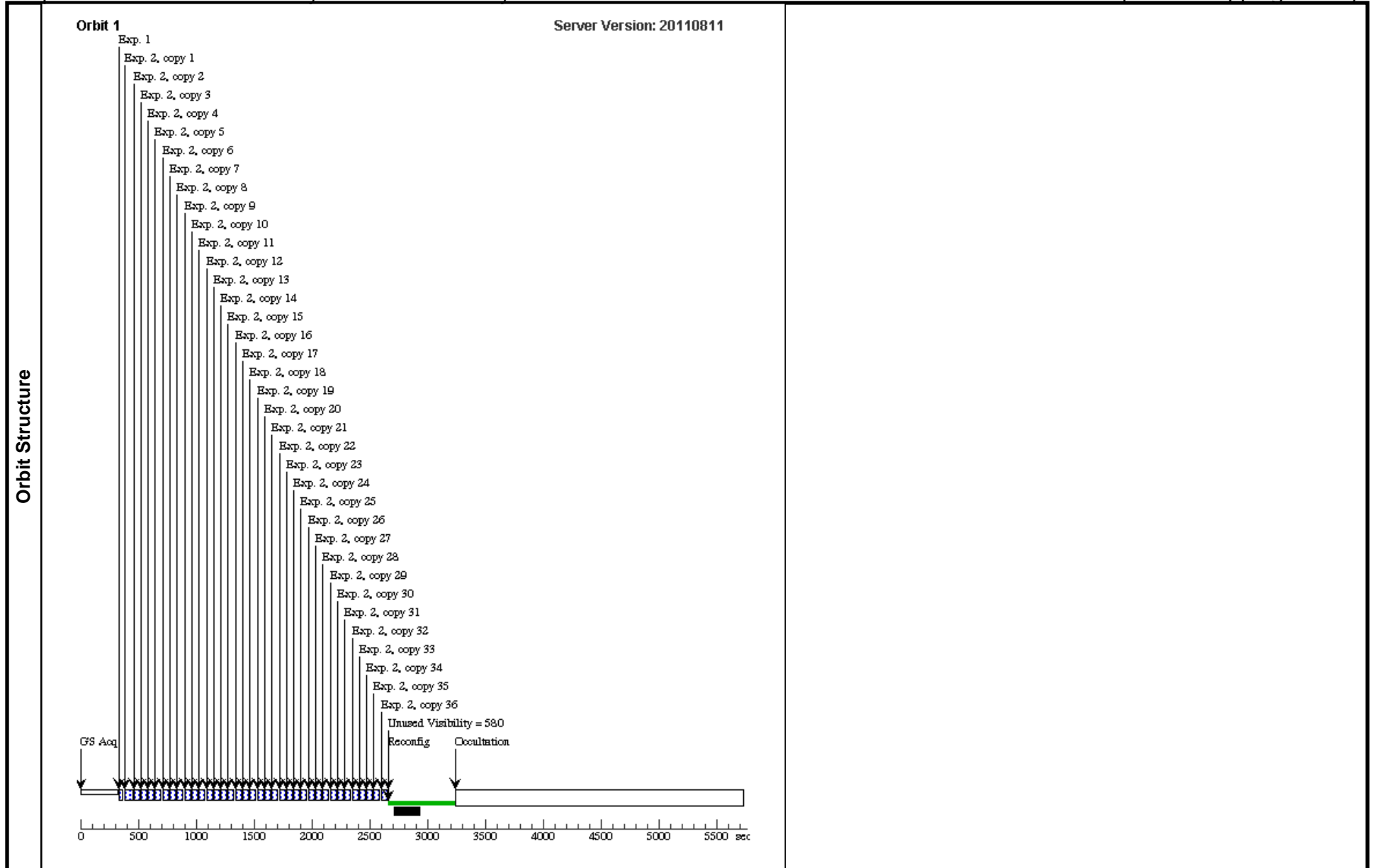
Proposal 12550 - Visit 15 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 15, pi Fri Oct 14 01:19:09 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(15)	2MASSJ03552337+1133437	RA: 03 55 23.3700 (58.8473750d) Dec: +11 33 43.70 (11.56214d) Equinox: J2000	Proper Motion RA: 0.192 arcsec/yr Proper Motion Dec: -0.613 arcsec/yr Epoch of Position: 2000.0	V=(?) J=14.05	Reference Frame: ICRS

Proposal 12550 - Visit 15 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(15) 2MASSJ03552337+1133437	WFC3/IR, MULTIACCUM, GRISM256	F132N	SAMP-SEQ=SPARS 10; NSAMP=2			[==>]	[1]
<i>Comments: Direct image in F132N to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>									
2		(15) 2MASSJ03552337+1133437	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] [==>(Copy 29)] [==>(Copy 30)] [==>(Copy 31)] [==>(Copy 32)] [==>(Copy 33)] [==>(Copy 34)] [==>(Copy 35)] [==>(Copy 36)]	[1]
<i>Comments: J=14.05</i>									

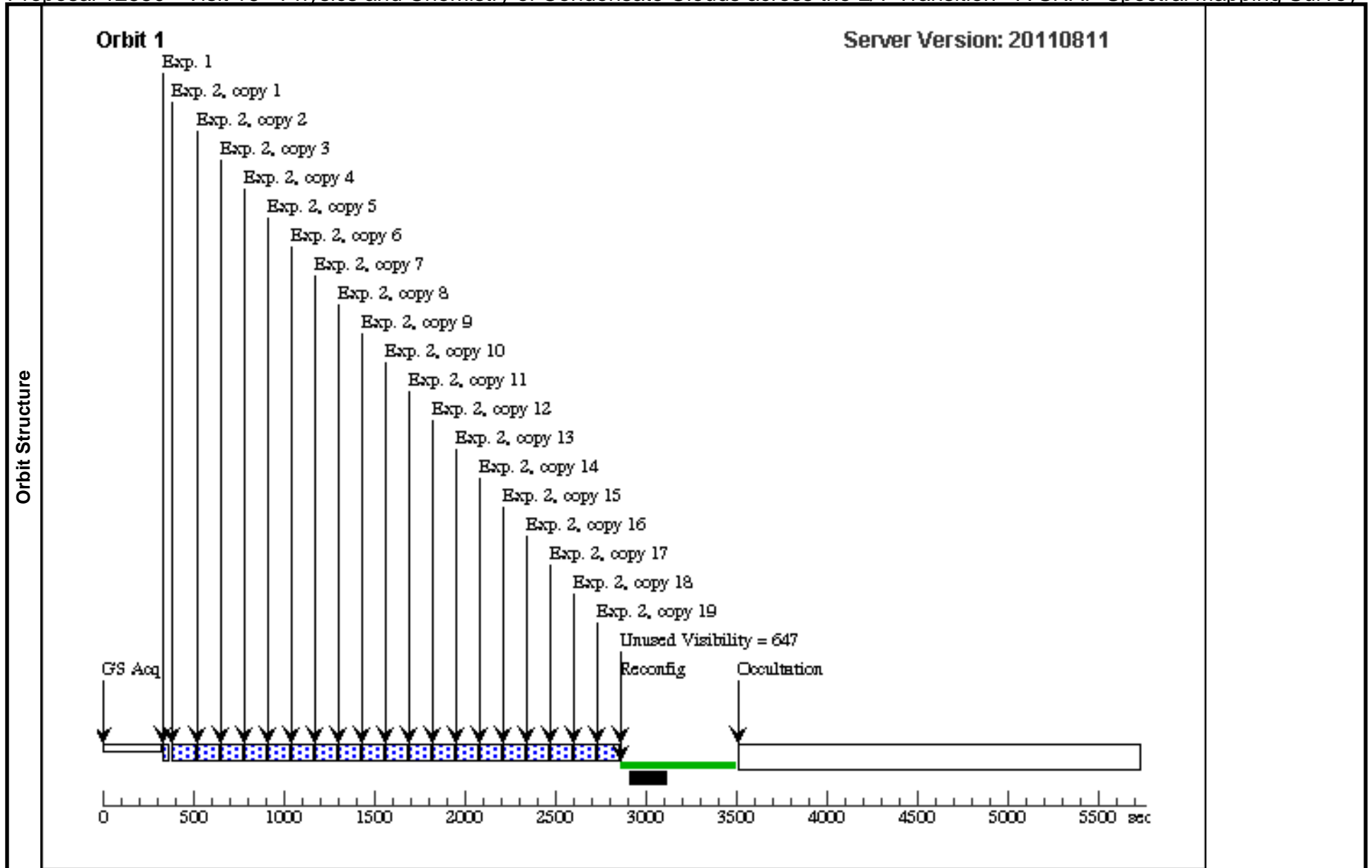
Exposures



Proposal 12550 - Visit 16 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:10 GMT 2011

Visit	Proposal 12550, Visit 16, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(16)	2MASSJ04210718-6306022	RA: 04 21 7.1800 (65.2799167d) Dec: -63 06 2.20 (-63.10061d) Equinox: J2000	Proper Motion RA: 0.146 arcsec/yr Proper Motion Dec: 0.191 arcsec/yr Epoch of Position: 1998.8	V=(?) J=15.565	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(16) 2MASSJ04210718-6306022	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
	<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>									
	2		(16) 2MASSJ04210718-6306022	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)]	[1]
<i>Comments: J=15.56</i>										



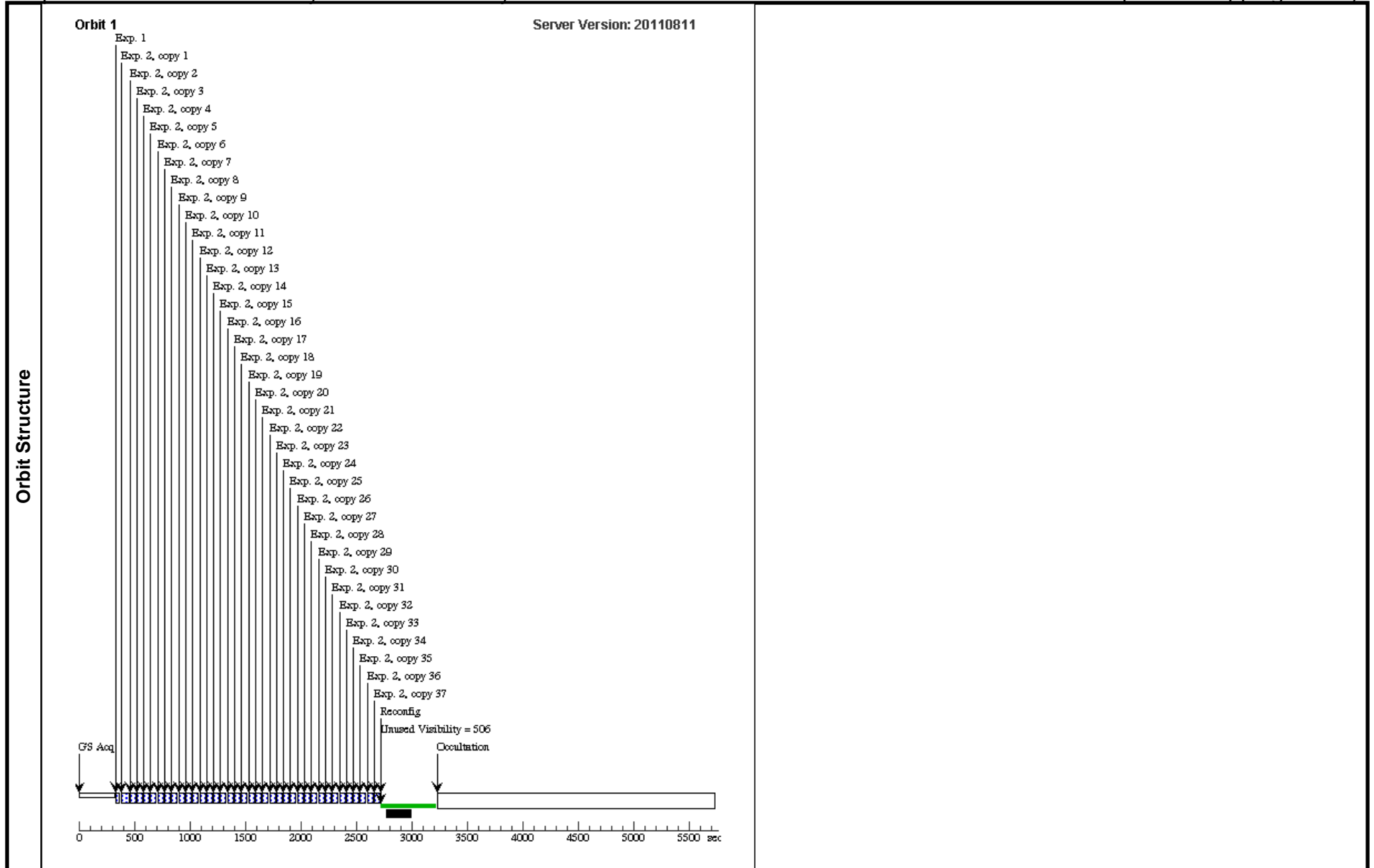
Proposal 12550 - Visit 17 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 17, pi Fri Oct 14 01:19:11 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(17)	SDSSPJ053951.99-005902.0	RA: 05 39 52.0000 (84.9666667d) Dec: -00 59 1.90 (-.98386d) Equinox: J2000	Proper Motion RA: 0.164 arcsec/yr Proper Motion Dec: 0.316 arcsec/yr Epoch of Position: 1998.8	V=(?) J=14.033	Reference Frame: ICRS

Proposal 12550 - Visit 17 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(17) SDSSPJ053951.99-005902.0	WFC3/IR, MULTIACCUM, GRISM256	F132N	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F132N to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>									
2		(17) SDSSPJ053951.99-005902.0	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] [==>(Copy 29)] [==>(Copy 30)] [==>(Copy 31)] [==>(Copy 32)] [==>(Copy 33)] [==>(Copy 34)] [==>(Copy 35)] [==>(Copy 36)] [==>(Copy 37)]	[1]
<i>Comments: J=14.03</i>									

Exposures



Proposal 12550 - Visit 18 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 18, scheduled Fri Oct 14 01:19:12 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(18)		2MASSJ05591914-1404488	RA: 05 59 19.1400 (89.8297500d) Dec: -14 04 48.80 (-14.08022d) Equinox: J2000		V=(?) J=13.802	Reference Frame: ICRS

Proposal 12550 - Visit 18 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(18) 2MASSJ055919-14-1404488	WFC3/IR, MULTIACCUM, GRISM256	F132N	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<p><i>Comments: Direct image in F132N to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i></p>									

Exposures

Proposal 12550 - Visit 18 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

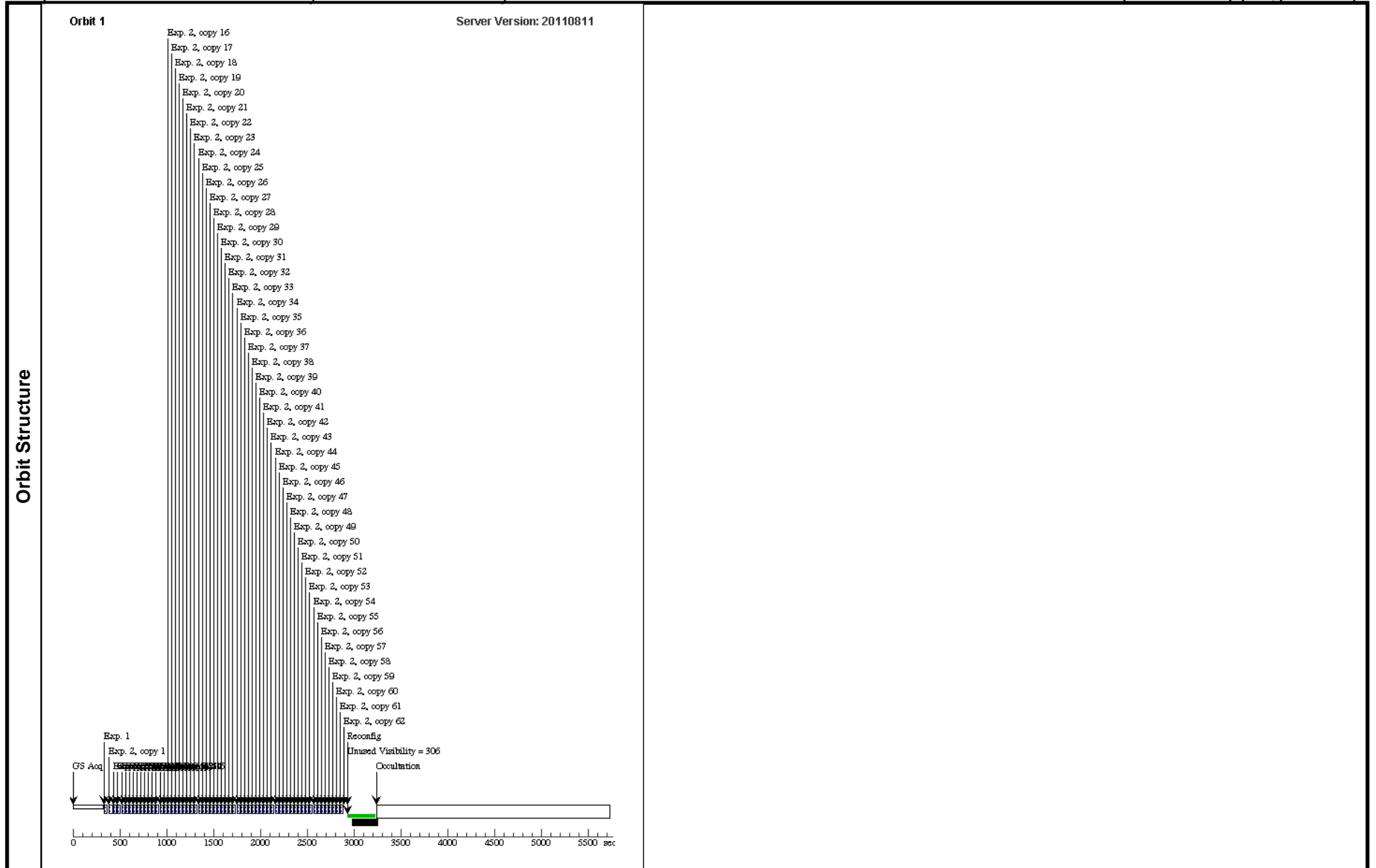
2	(18) 2MASSJ055919 14-1404488	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=2; SAMP-SEQ=SPAR S25	POS TARG 0,0		
---	---------------------------------	----------------------------------	------	----------------------------------	--------------	--	--

[==>(Copy 1)]
[==>(Copy 2)]
[==>(Copy 3)]
[==>(Copy 4)]
[==>(Copy 5)]
[==>(Copy 6)]
[==>(Copy 7)]
[==>(Copy 8)]
[==>(Copy 9)]
[==>(Copy 10)]
[==>(Copy 11)]
[==>(Copy 12)]
[==>(Copy 13)]
[==>(Copy 14)]
[==>(Copy 15)]
[==>(Copy 16)]
[==>(Copy 17)]
[==>(Copy 18)]
[==>(Copy 19)]
[==>(Copy 20)]
[==>(Copy 21)]
[==>(Copy 22)]
[==>(Copy 23)]
[==>(Copy 24)]
[==>(Copy 25)]
[==>(Copy 26)]
[==>(Copy 27)]
[==>(Copy 28)]
[==>(Copy 29)]
[==>(Copy 30)]
[==>(Copy 31)]
[==>(Copy 32)]
[==>(Copy 33)]
[==>(Copy 34)]
[==>(Copy 35)]
[==>(Copy 36)]
[==>(Copy 37)]
[==>(Copy 38)]
[==>(Copy 39)]
[==>(Copy 40)]
[==>(Copy 41)]
[==>(Copy 42)]
[==>(Copy 43)]
[==>(Copy 44)]
[==>(Copy 45)]

[1]

Proposal 12550 - Visit 18 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

	[==>(Copy 46)] [==>(Copy 47)] [==>(Copy 48)] [==>(Copy 49)] [==>(Copy 50)] [==>(Copy 51)] [==>(Copy 52)] [==>(Copy 53)] [==>(Copy 54)] [==>(Copy 55)] [==>(Copy 56)] [==>(Copy 57)] [==>(Copy 58)] [==>(Copy 59)] [==>(Copy 60)] [==>(Copy 61)] [==>(Copy 62)]
<i>Comments: J=13.80</i>	



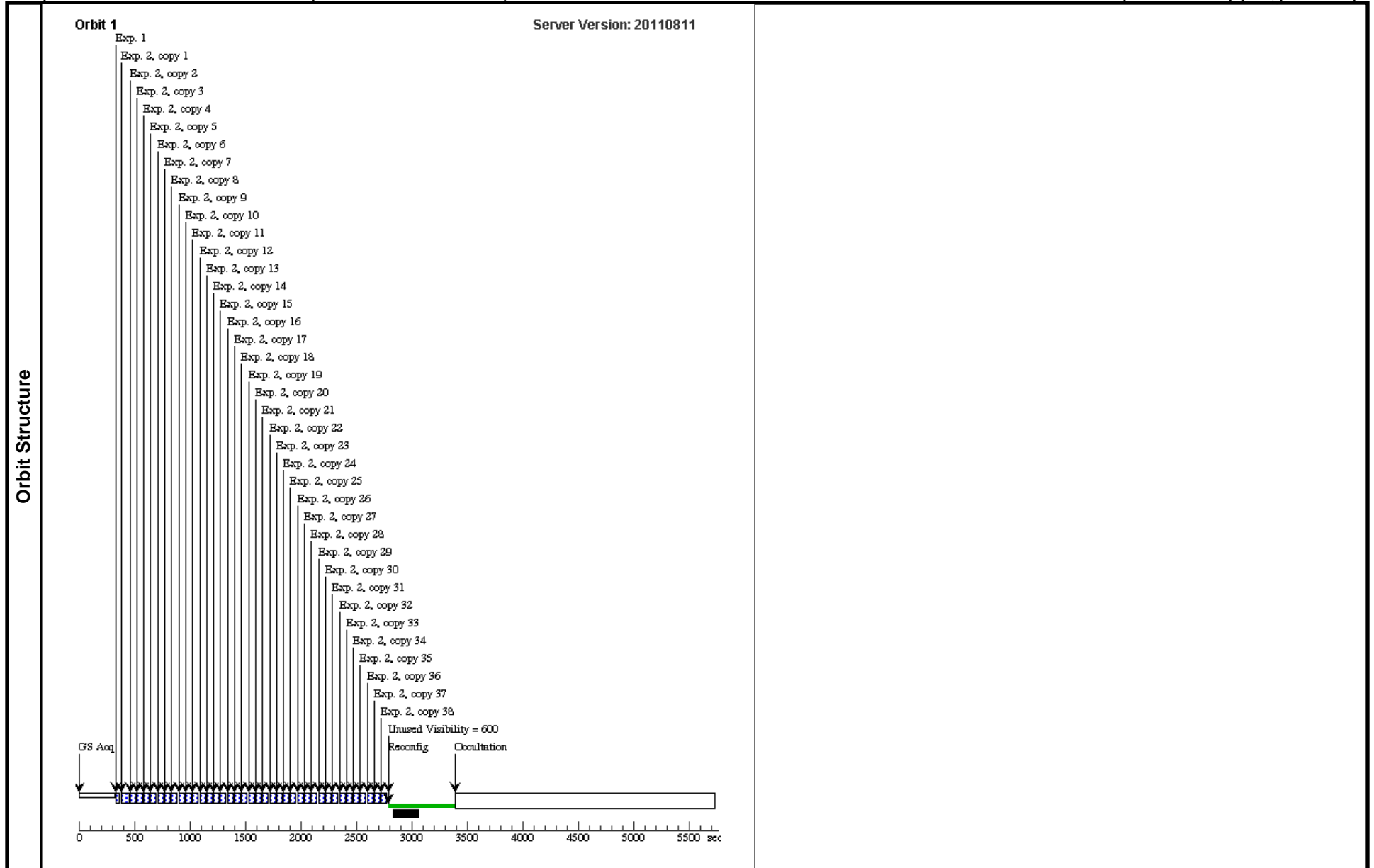
Proposal 12550 - Visit 19 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 19, pi Fri Oct 14 01:19:14 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>												
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(19)</td> <td>2MASSJ06244595-4521548</td> <td> RA: 06 24 45.9500 (96.1914583d) Dec: -45 21 54.80 (-45.36522d) Equinox: J2000 </td> <td> Proper Motion RA: -0.045 arcsec/yr Proper Motion Dec: 0.37 arcsec/yr Epoch of Position: 1999.9 </td> <td> V=(?) J=14.48 </td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(19)	2MASSJ06244595-4521548	RA: 06 24 45.9500 (96.1914583d) Dec: -45 21 54.80 (-45.36522d) Equinox: J2000	Proper Motion RA: -0.045 arcsec/yr Proper Motion Dec: 0.37 arcsec/yr Epoch of Position: 1999.9	V=(?) J=14.48
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(19)	2MASSJ06244595-4521548	RA: 06 24 45.9500 (96.1914583d) Dec: -45 21 54.80 (-45.36522d) Equinox: J2000	Proper Motion RA: -0.045 arcsec/yr Proper Motion Dec: 0.37 arcsec/yr Epoch of Position: 1999.9	V=(?) J=14.48	Reference Frame: ICRS								

Proposal 12550 - Visit 19 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(19) 2MASSJ062445-95-4521548	WFC3/IR, MULTIACCUM, GRISM256	F132N	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F132N to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>									
2		(19) 2MASSJ062445-95-4521548	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] [==>(Copy 29)] [==>(Copy 30)] [==>(Copy 31)] [==>(Copy 32)] [==>(Copy 33)] [==>(Copy 34)] [==>(Copy 35)] [==>(Copy 36)] [==>(Copy 37)] [==>(Copy 38)]	[1]
<i>Comments: J=14.48</i>									

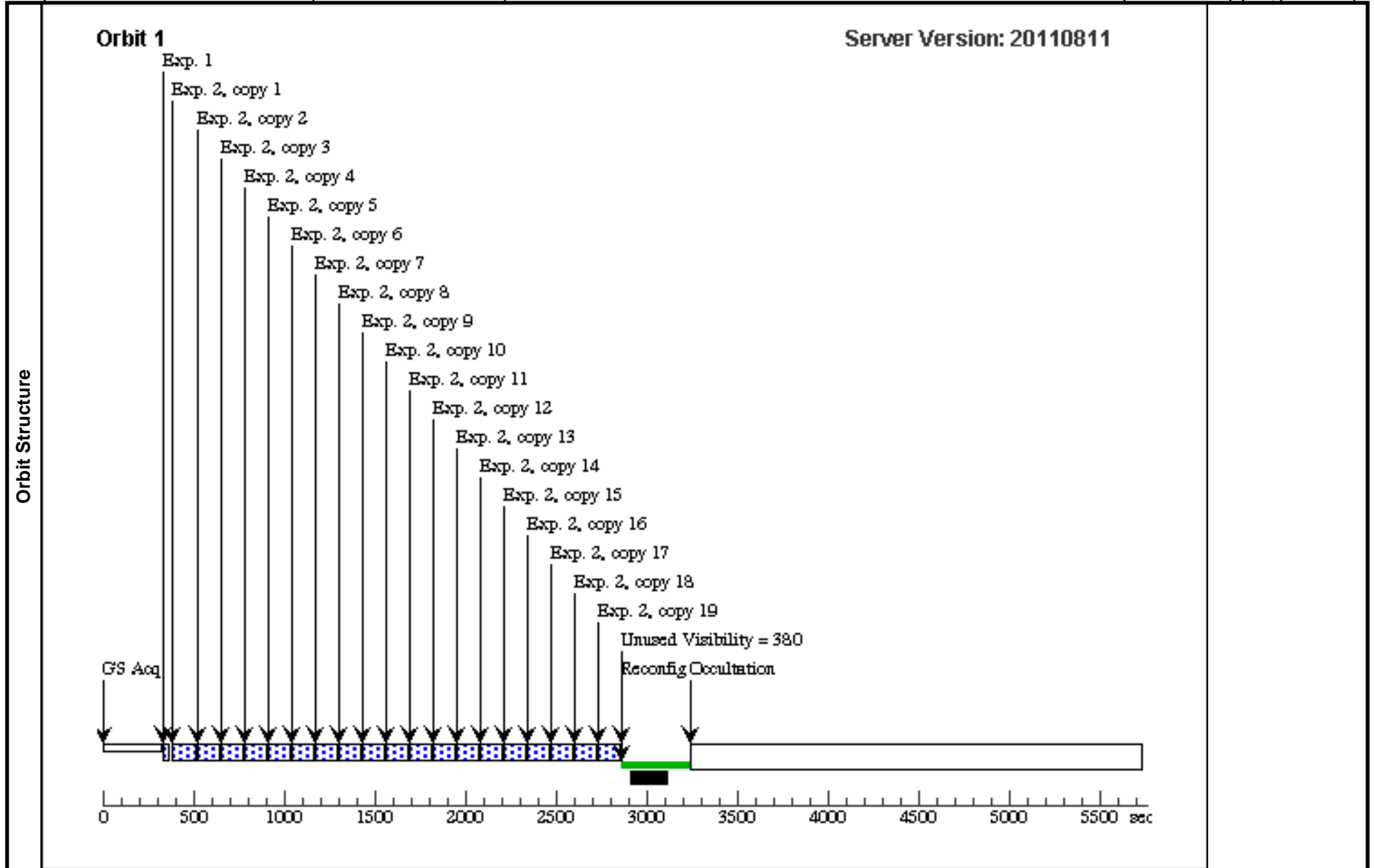
Exposures



Proposal 12550 - Visit 21 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:15 GMT 2011

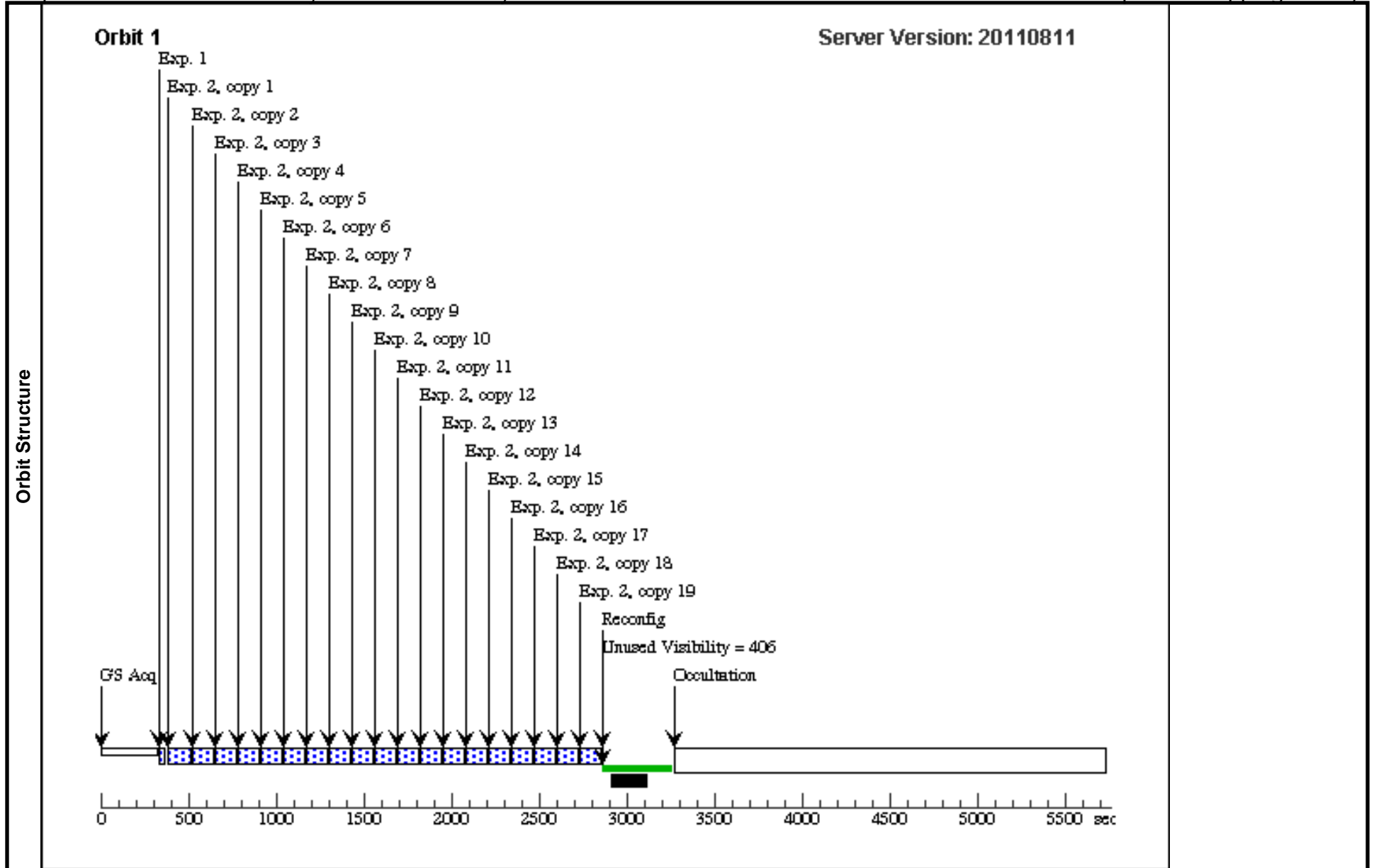
Visit	Proposal 12550, Visit 21, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(21)	2MASSJ0755480+221218	RA: 07 55 47.9500 (118.9497917d) Dec: +22 12 16.90 (22.20469d) Equinox: J2000	Proper Motion RA: -0.034 arcsec/yr Proper Motion Dec: -0.248 arcsec/yr Epoch of Position: 1998.8	V=(?) J=15.728	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(21) 2MASSJ0755480+221218	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
	<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>									
	2		(21) 2MASSJ0755480+221218	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)]	[1]
	<i>Comments: J=15.73</i>									



Proposal 12550 - Visit 22 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:15 GMT 2011

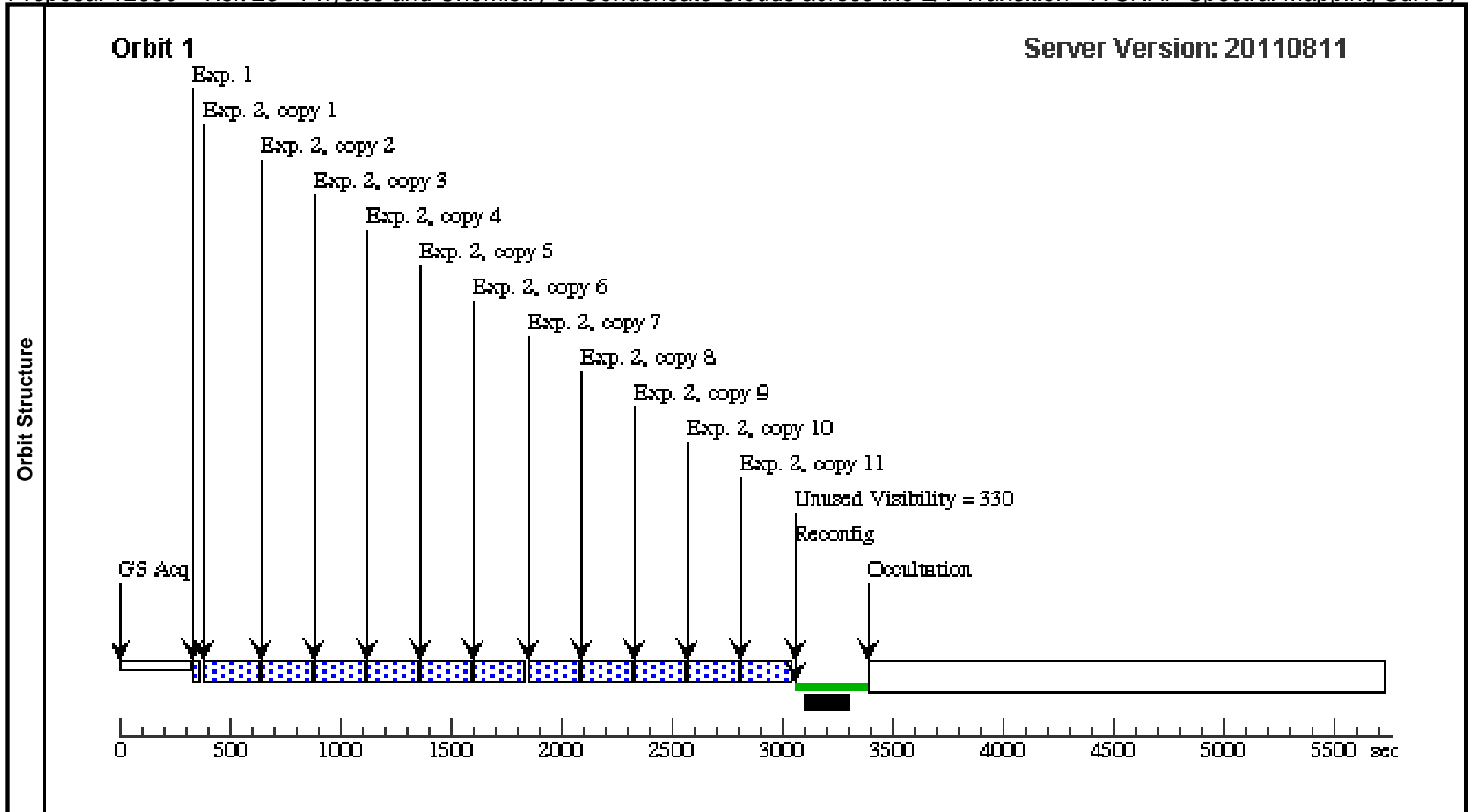
Visit	Proposal 12550, Visit 22, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(22)	SDSSJ075840.33+324723.4	RA: 07 58 40.3700 (119.6682083d) Dec: +32 47 24.50 (32.79014d) Equinox: J2000	Proper Motion RA: -0.191 arcsec/yr Proper Motion Dec: -0.349 arcsec/yr Epoch of Position: 1998.3	V=(?) J=14.947	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(22) SDSSJ075840.33+324723.4	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG -0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(22) SDSSJ075840.33+324723.4	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)]	[1]
<i>Comments: J=14.97</i>										



Proposal 12550 - Visit 23 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:16 GMT 2011

Visit	Proposal 12550, Visit 23, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(23)	2MASSWJ0801405+462850	RA: 08 01 40.5600 (120.4190000d) Dec: +46 28 49.80 (46.48050d) Equinox: J2000	Proper Motion RA: -0.2 arcsec/yr Proper Motion Dec: -0.335 arcsec/yr Epoch of Position: 1998.3	V=(?) J=16.275	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(23) 2MASSWJ0801405+462850	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
2			(23) 2MASSWJ0801405+462850	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]
<i>Comments: J=16.25</i>										



Proposal 12550 - Visit 24 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 24, completed Fri Oct 14 01:19:17 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(24)	DENISJ081730.0-615520	RA: 08 17 30.0100 (124.3750417d) Dec: -61 55 15.80 (-61.92106d) Equinox: J2000		V=(?) J=13.613	Reference Frame: ICRS

Proposal 12550 - Visit 24 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(24) DENISJ081730. 0-615520	WFC3/IR, MULTIACCUM, GRISM256	F132N	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<p><i>Comments: Direct image in F132N to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i></p>									

Exposures

Proposal 12550 - Visit 24 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

2

(24) DENISJ081730. WFC3/IR, MULTIACCUM,
0-615520 GRISM256

G141

NSAMP=2;
SAMP-SEQ=SPAR
S25

POS TARG 0,0

[==>(Copy 1)]
[==>(Copy 2)]
[==>(Copy 3)]
[==>(Copy 4)]
[==>(Copy 5)]
[==>(Copy 6)]
[==>(Copy 7)]
[==>(Copy 8)]
[==>(Copy 9)]
[==>(Copy 10)]
[==>(Copy 11)]
[==>(Copy 12)]
[==>(Copy 13)]
[==>(Copy 14)]
[==>(Copy 15)]
[==>(Copy 16)]
[==>(Copy 17)]
[==>(Copy 18)]
[==>(Copy 19)]
[==>(Copy 20)]
[==>(Copy 21)]
[==>(Copy 22)]
[==>(Copy 23)]
[==>(Copy 24)]
[==>(Copy 25)]
[==>(Copy 26)]
[==>(Copy 27)]
[==>(Copy 28)]
[==>(Copy 29)]
[==>(Copy 30)]
[==>(Copy 31)]
[==>(Copy 32)]
[==>(Copy 33)]
[==>(Copy 34)]
[==>(Copy 35)]
[==>(Copy 36)]
[==>(Copy 37)]
[==>(Copy 38)]
[==>(Copy 39)]
[==>(Copy 40)]
[==>(Copy 41)]
[==>(Copy 42)]
[==>(Copy 43)]
[==>(Copy 44)]
[==>(Copy 45)]

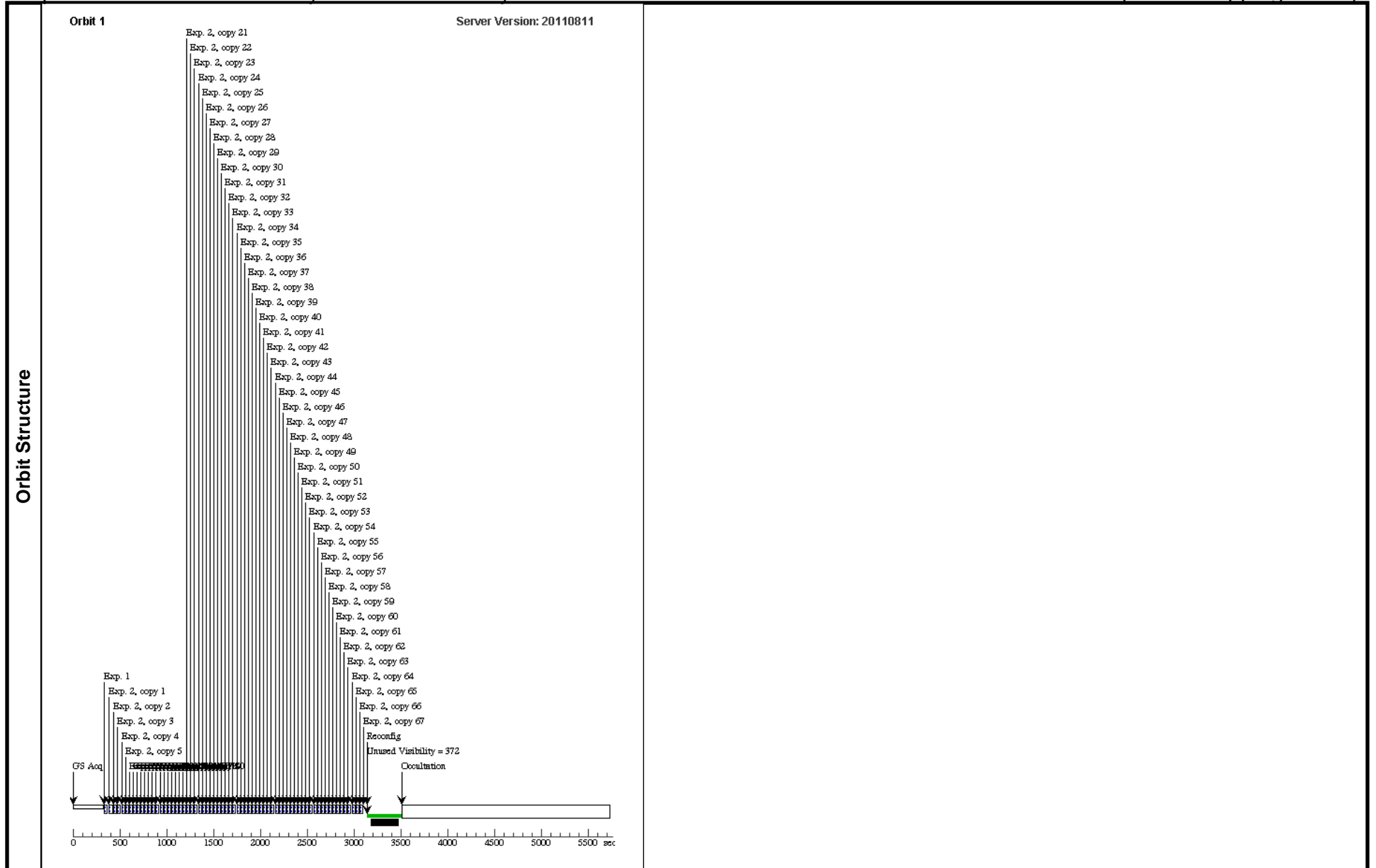
[1]

Proposal 12550 - Visit 24 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

[==>(Copy 46)]
[==>(Copy 47)]
[==>(Copy 48)]
[==>(Copy 49)]
[==>(Copy 50)]
[==>(Copy 51)]
[==>(Copy 52)]
[==>(Copy 53)]
[==>(Copy 54)]
[==>(Copy 55)]
[==>(Copy 56)]
[==>(Copy 57)]
[==>(Copy 58)]
[==>(Copy 59)]
[==>(Copy 60)]
[==>(Copy 61)]
[==>(Copy 62)]
[==>(Copy 63)]
[==>(Copy 64)]
[==>(Copy 65)]
[==>(Copy 66)]
[==>(Copy 67)]

Comments: J=13.61

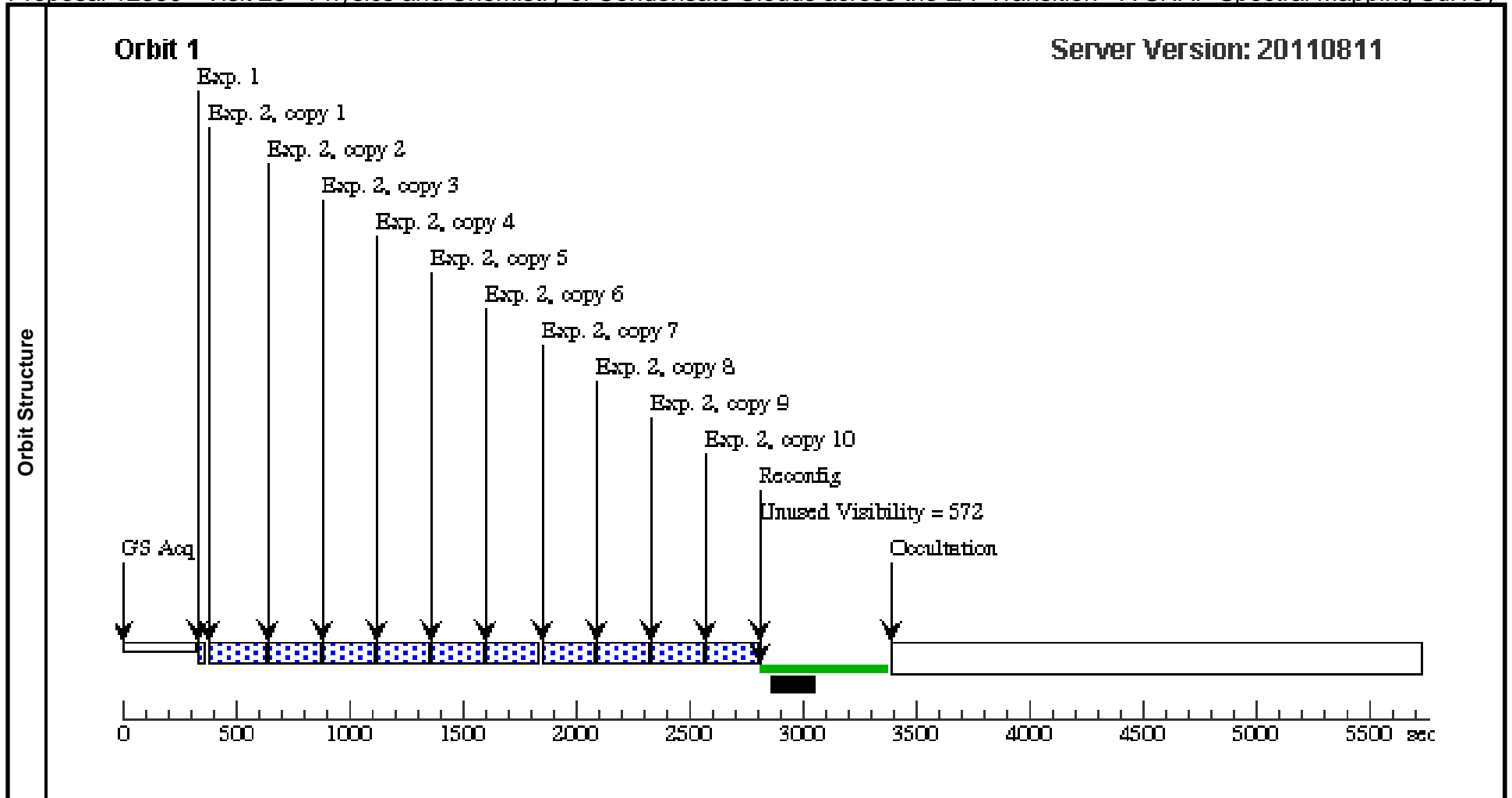
Proposal 12550 - Visit 24 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey



Proposal 12550 - Visit 25 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:19 GMT 2011

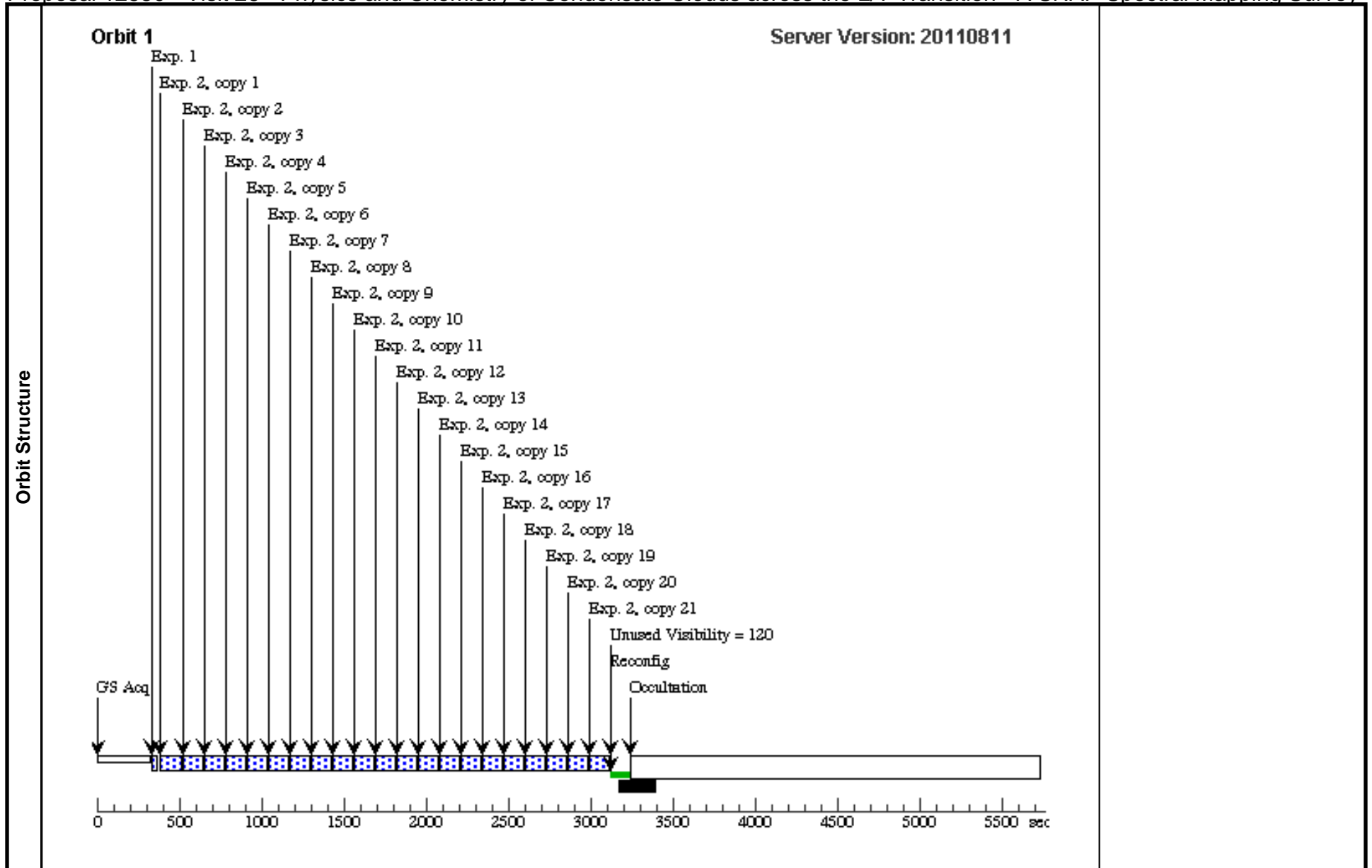
Visit	Proposal 12550, Visit 25, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(25)	2MASSWJ0820299+45031	RA: 08 20 29.9600 (125.1248333d) Dec: +45 00 31.50 (45.00875d) Equinox: J2000	Proper Motion RA: -0.111 arcsec/yr Proper Motion Dec: -0.323 arcsec/yr Epoch of Position: 1998.3	V=(?) J=16.279	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(25) 2MASSWJ0820299+450031	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0			[==>]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
2			(25) 2MASSWJ0820299+450031	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[1]



Proposal 12550 - Visit 26 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:19 GMT 2011

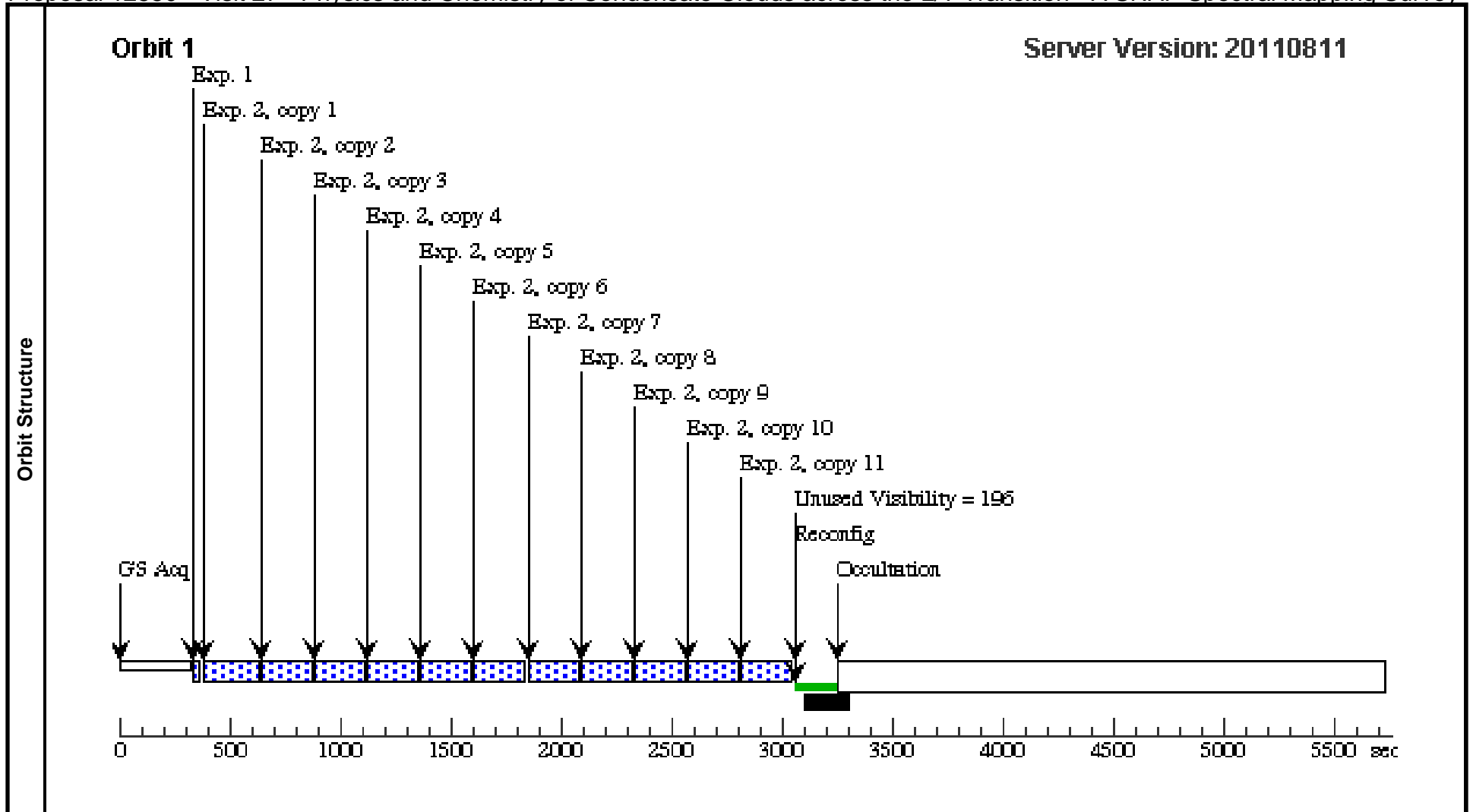
Visit	Proposal 12550, Visit 26, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(26)	2MASSJ0825196+211552	RA: 08 25 19.6800 (126.3320000d) Dec: +21 15 52.10 (21.26447d) Equinox: J2000	Proper Motion RA: -0.51 arcsec/yr Proper Motion Dec: -0.288 arcsec/yr Epoch of Position: 1998.0	V=(?) J=15.1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(26) 2MASSJ0825196+211552	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0			[==>]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(26) 2MASSJ0825196+211552	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)]	[1]
<i>Comments: J=15.1</i>										



Proposal 12550 - Visit 27 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:20 GMT 2011

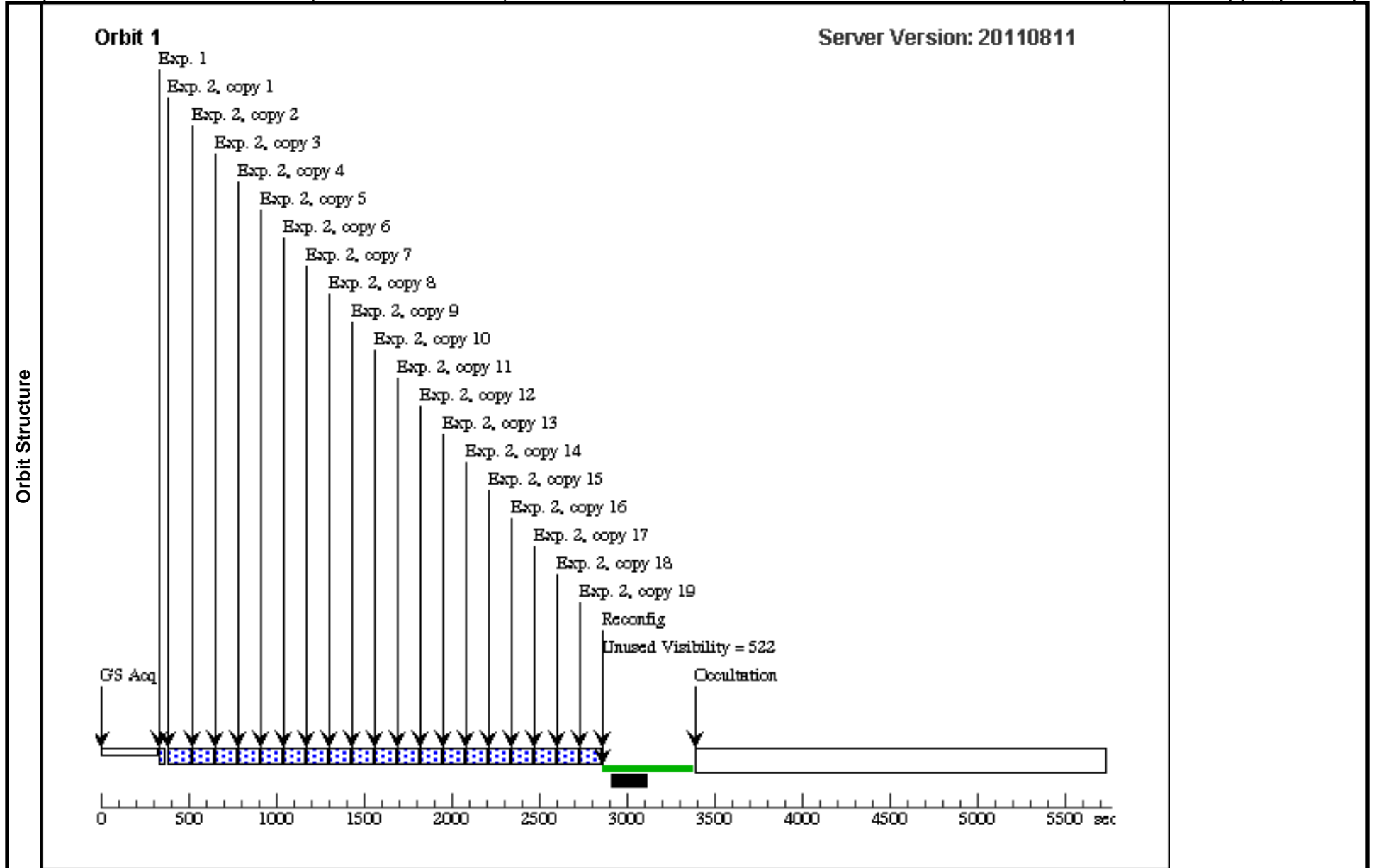
Visit	Proposal 12550, Visit 27, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(27)	2MASSWJ0829570+265510	RA: 08 29 57.0700 (127.4877917d) Dec: +26 55 9.90 (26.91942d) Equinox: J2000	Proper Motion RA: -0.099 arcsec/yr Proper Motion Dec: -0.043 arcsec/yr Epoch of Position: 1998.1	V=(?) J=17.109	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	Direct Image	(27) 2MASSWJ0829570+265510	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0			[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X=-29 Y=-145 on the direct image.</i>											
2			(27) 2MASSWJ0829570+265510	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]
<i>Comments: J=17.1</i>											



Proposal 12550 - Visit 28 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:20 GMT 2011

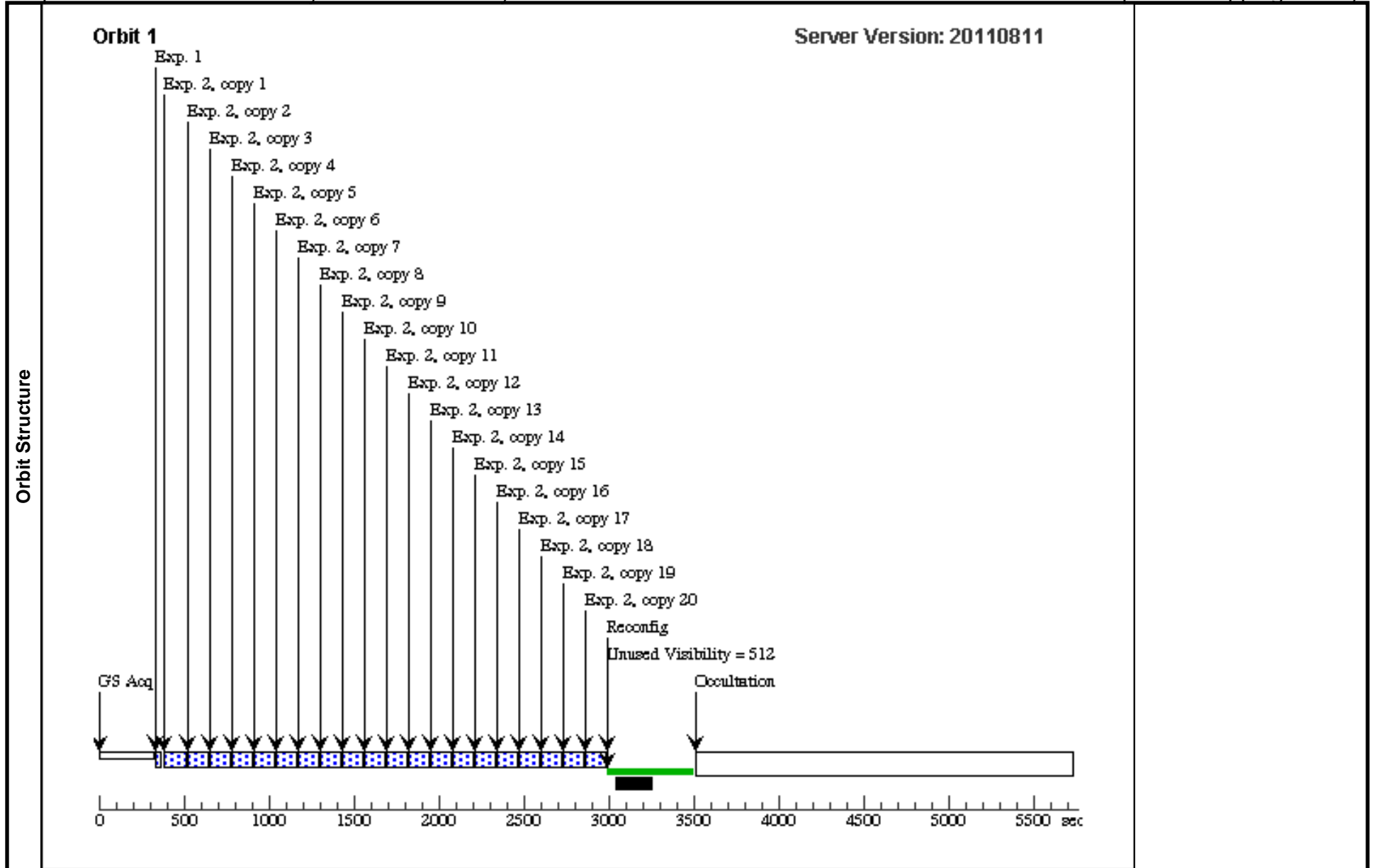
Visit	Proposal 12550, Visit 28, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(28)	SDSSPJ083008.12+482847.4	RA: 08 30 8.2500 (127.5343750d) Dec: +48 28 48.20 (48.48006d) Equinox: J2000	Proper Motion RA: -1.006 arcsec/yr Proper Motion Dec: -0.77 arcsec/yr Epoch of Position: 1999.0	V=(?) J=15.444	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(28) SDSSPJ083008.12+482847.4	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0			[==>]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(28) SDSSPJ083008.12+482847.4	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)]	[1]
<i>Comments: J=15.44</i>										



Proposal 12550 - Visit 29 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:21 GMT 2011

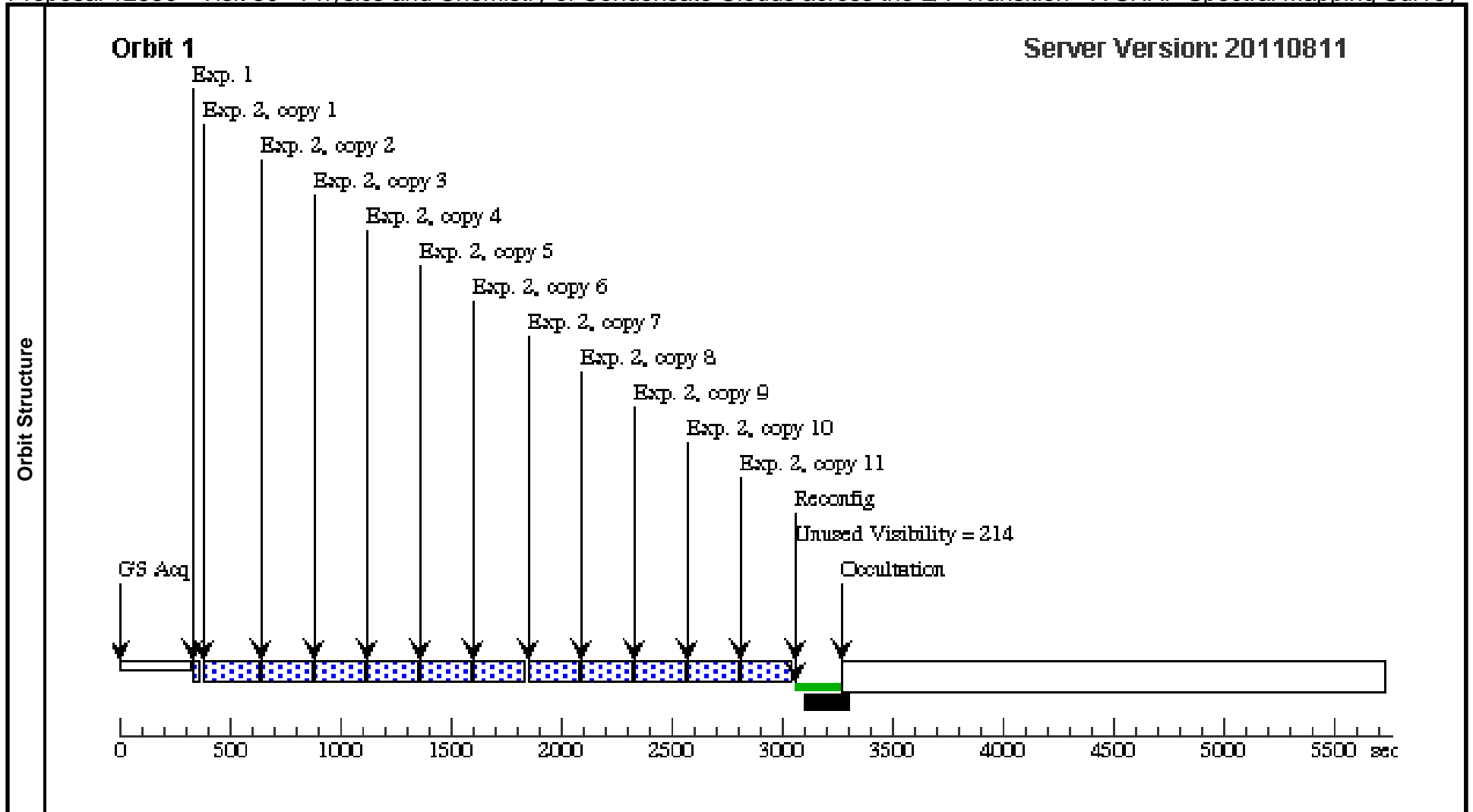
Visit	Proposal 12550, Visit 29, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(29)	SDSSPJ085758.45+570851.4	RA: 08 57 58.4900 (134.4937083d) Dec: +57 08 51.40 (57.14761d) Equinox: J2000	Proper Motion RA: -0.413 arcsec/yr Proper Motion Dec: -0.349 arcsec/yr Epoch of Position: 1999.9	V=(?) J=15.038	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(29) SDSSPJ085758.45+570851.4	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(29) SDSSPJ085758.45+570851.4	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)]	[1]
<i>Comments: J=15.04</i>										



Proposal 12550 - Visit 30 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:21 GMT 2011

Visit	Proposal 12550, Visit 30, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(30)	SDSSJ085834.42+325627.7	RA: 08 58 34.6700 (134.6444583d) Dec: +32 56 27.50 (32.94097d) Equinox: J2000	Proper Motion RA: -0.76 arcsec/yr Proper Motion Dec: 0.075 arcsec/yr Epoch of Position: 1998.2	V=(?) J=16.453	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(30) SDSSJ085834.42+325627.7	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(30) SDSSJ085834.42+325627.7	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]
<i>Comments: J=16.45</i>										



Proposal 12550 - Visit 31 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 31, pi Fri Oct 14 01:19:22 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(31)	2MASSJ0908380+503208	RA: 09 08 38.0300 (137.1584583d) Dec: +50 32 8.80 (50.53578d) Equinox: J2000	Proper Motion RA: -0.395 arcsec/yr Proper Motion Dec: -0.478 arcsec/yr Epoch of Position: 1999.2	V=(?) J=14.549	Reference Frame: ICRS

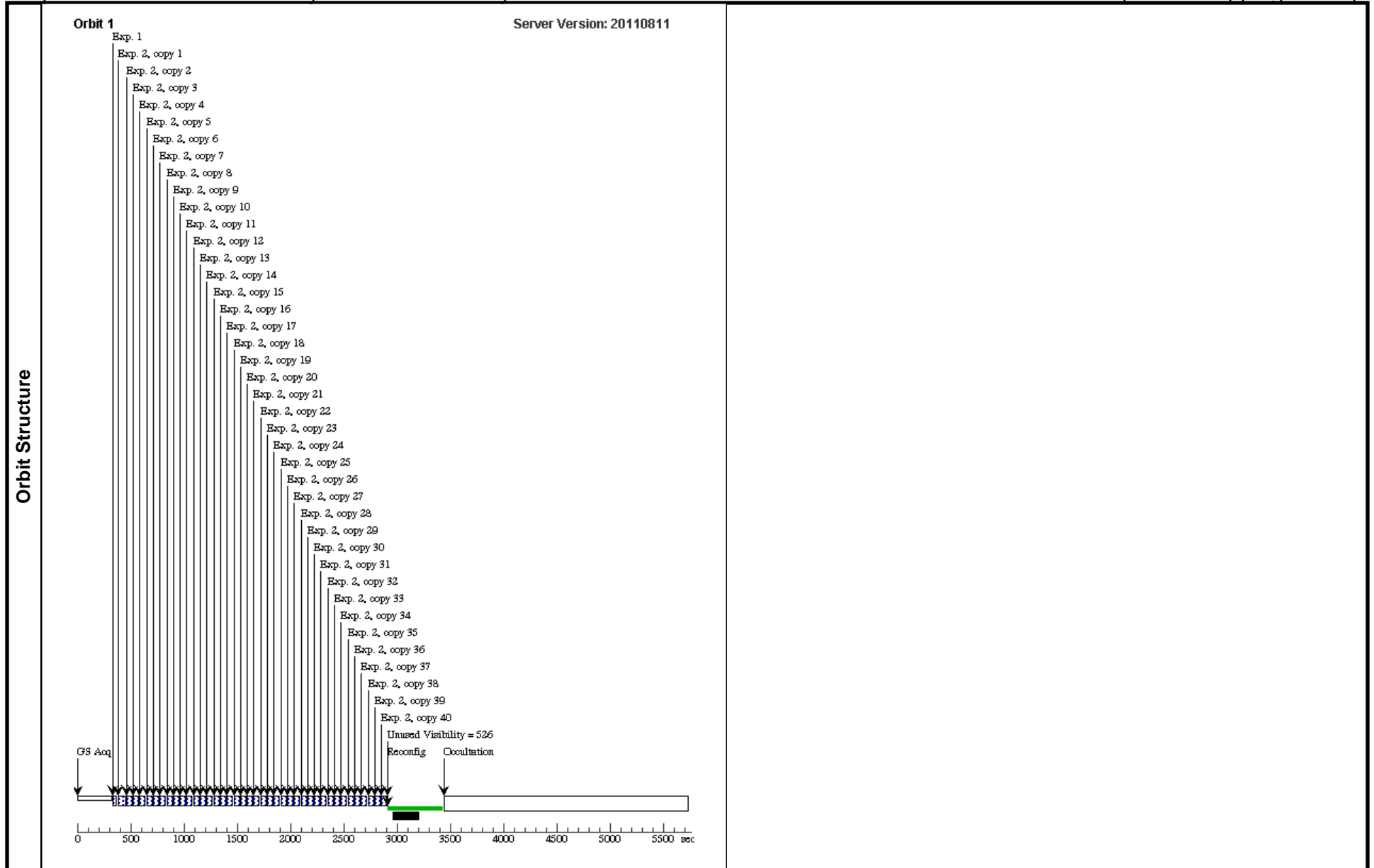
Proposal 12550 - Visit 31 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(31) 2MASSJ090838 0+503208	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<p><i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X=29 Y=145 on the direct image.</i></p>									

Exposures

Proposal 12550 - Visit 31 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

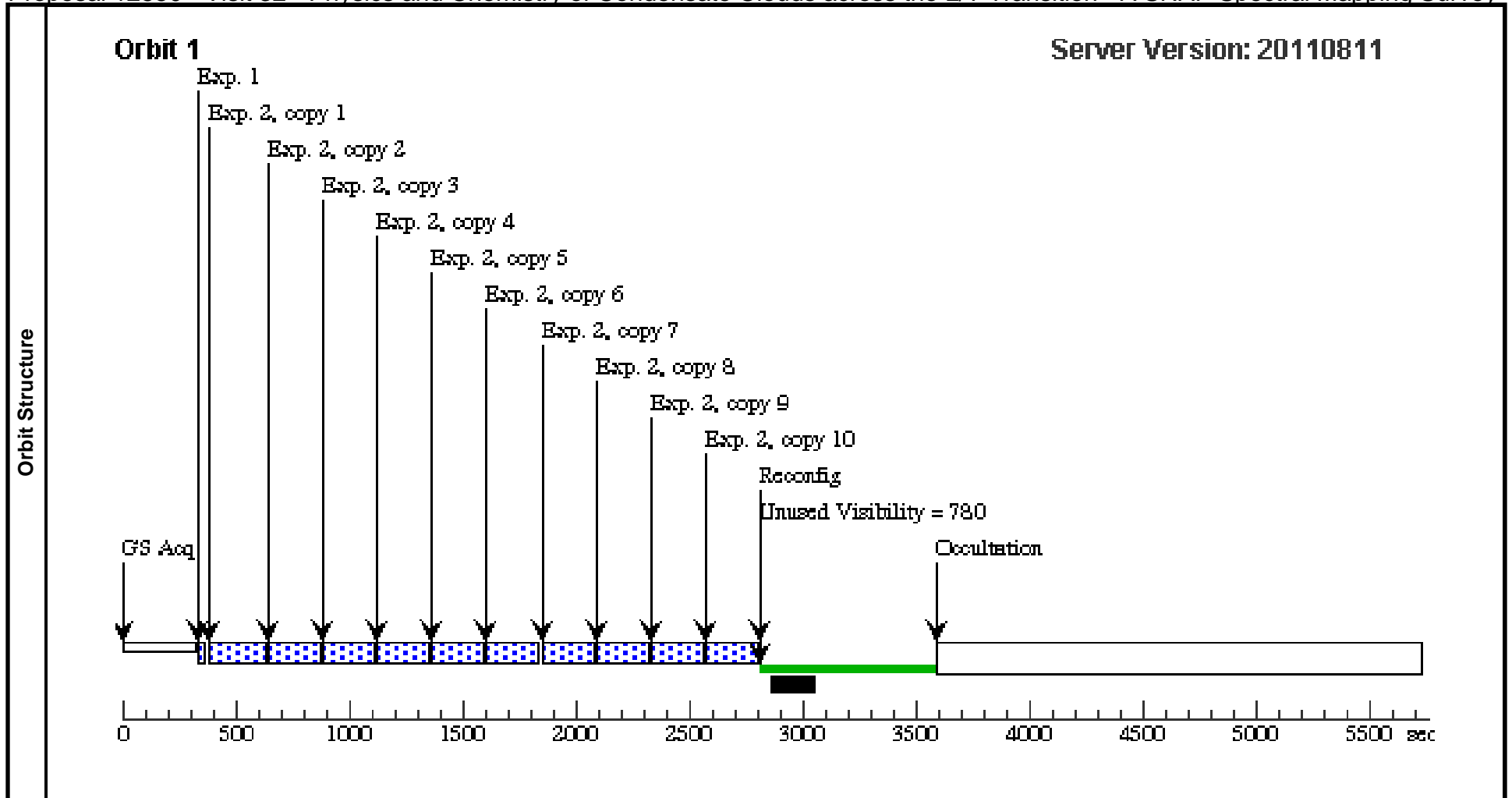
2	(31) 2MASSJ090838 0+503208	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S25	POS TARG 0,0	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] [==>(Copy 29)] [==>(Copy 30)] [==>(Copy 31)] [==>(Copy 32)] [==>(Copy 33)] [==>(Copy 34)] [==>(Copy 35)] [==>(Copy 36)] [==>(Copy 37)] [==>(Copy 38)] [==>(Copy 39)] [==>(Copy 40)]	[1]
Comments: J=14.55							



Proposal 12550 - Visit 32 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:23 GMT 2011

Visit	Proposal 12550, Visit 32, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(32)	SDSSJ090900.73+652527.2	RA: 09 09 0.8500 (137.2535417d) Dec: +65 25 27.50 (65.42431d) Equinox: J2000	Proper Motion RA: -0.217 arcsec/yr Proper Motion Dec: -0.138 arcsec/yr Epoch of Position: 2000.0	V=(?) J=16.034	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(32) SDSSJ090900.73+652527.2	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(32) SDSSJ090900.73+652527.2	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[1]
<i>Comments: J=16.03</i>										



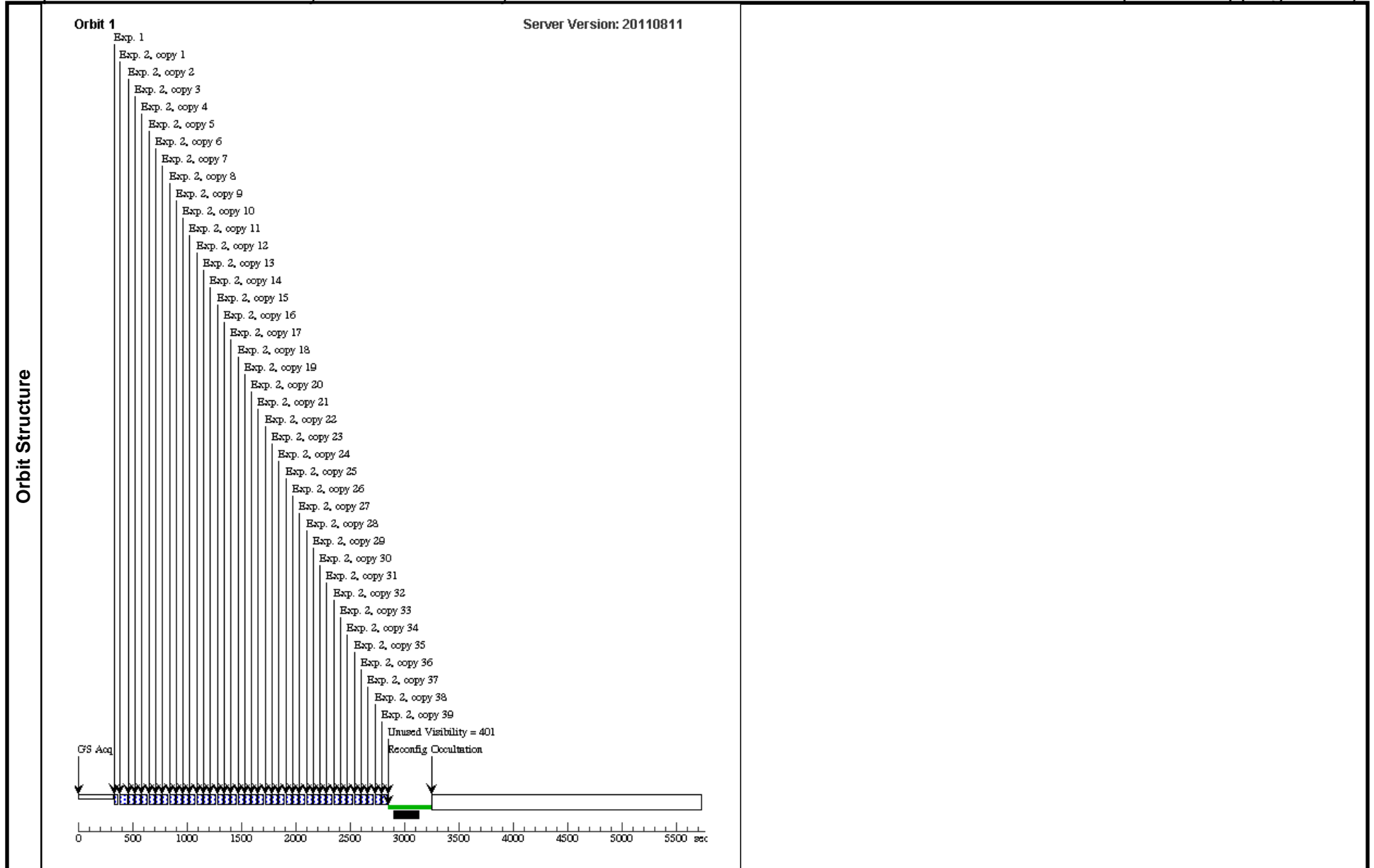
Proposal 12550 - Visit 33 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 33, pi Fri Oct 14 01:19:23 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(33)</td> <td>2MASSJ0937347+29314</td> <td>RA: 09 37 34.8700 (144.3952917d)</td> <td>Proper Motion RA: 0.973 arcsec/yr</td> <td>V=(?)</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>2</td> <td>Dec: +29 31 40.90 (29.52803d)</td> <td>Proper Motion Dec: -1.298 arcsec/yr</td> <td>J=14.648</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Equinox: J2000</td> <td>Epoch of Position: 2000.3</td> <td></td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(33)	2MASSJ0937347+29314	RA: 09 37 34.8700 (144.3952917d)	Proper Motion RA: 0.973 arcsec/yr	V=(?)	Reference Frame: ICRS		2	Dec: +29 31 40.90 (29.52803d)	Proper Motion Dec: -1.298 arcsec/yr	J=14.648				Equinox: J2000	Epoch of Position: 2000.3				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(33)	2MASSJ0937347+29314	RA: 09 37 34.8700 (144.3952917d)	Proper Motion RA: 0.973 arcsec/yr	V=(?)	Reference Frame: ICRS																							
	2	Dec: +29 31 40.90 (29.52803d)	Proper Motion Dec: -1.298 arcsec/yr	J=14.648																								
		Equinox: J2000	Epoch of Position: 2000.3																									

Proposal 12550 - Visit 33 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(33) 2MASSJ0937347+293142	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X=29 Y=-145 on the direct image.</i>									
2		(33) 2MASSJ0937347+293142	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] [==>(Copy 29)] [==>(Copy 30)] [==>(Copy 31)] [==>(Copy 32)] [==>(Copy 33)] [==>(Copy 34)] [==>(Copy 35)] [==>(Copy 36)] [==>(Copy 37)] [==>(Copy 38)] [==>(Copy 39)]	[1]
<i>Comments: J=14.65</i>									

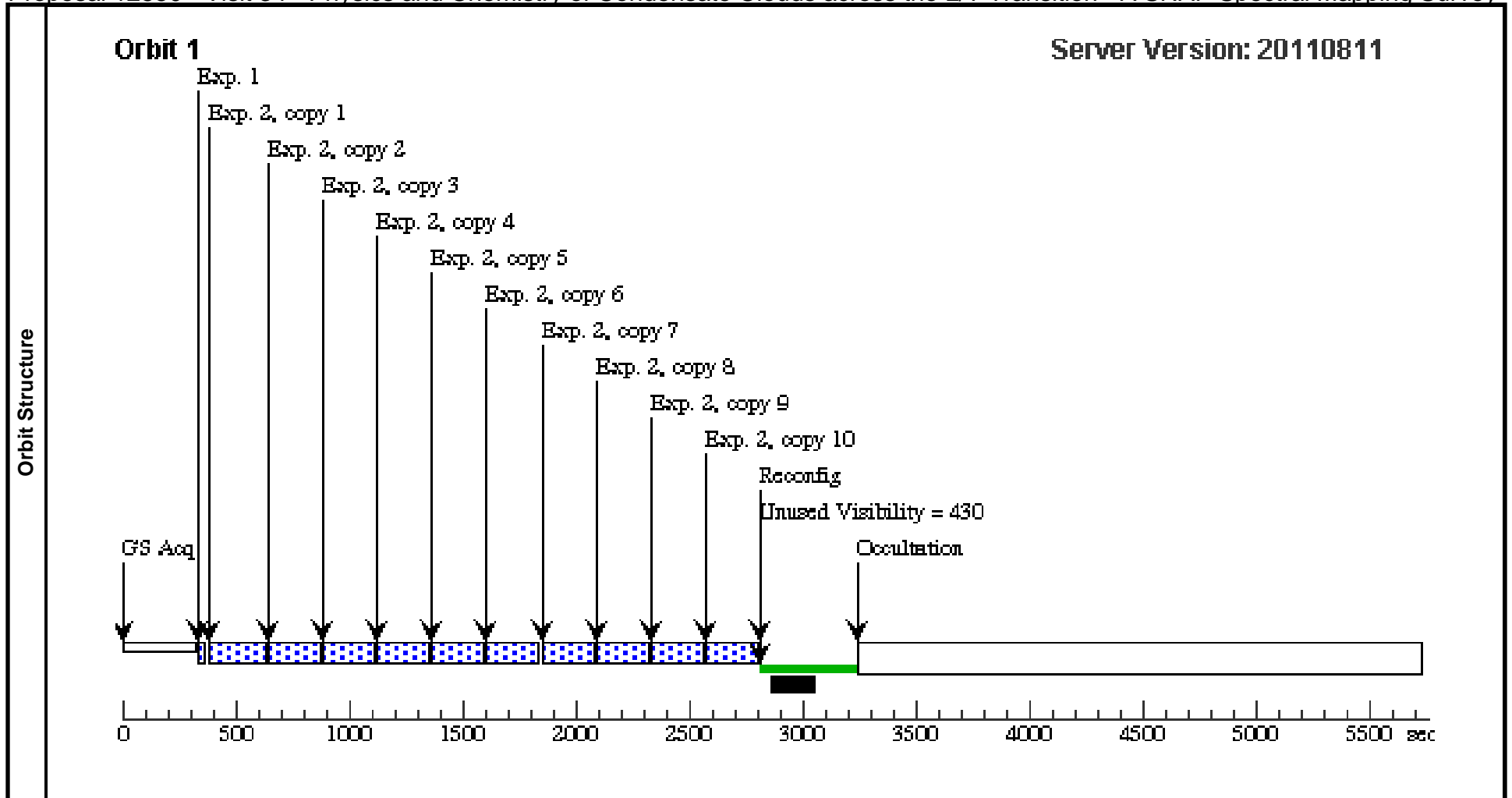
Exposures



Proposal 12550 - Visit 34 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:24 GMT 2011

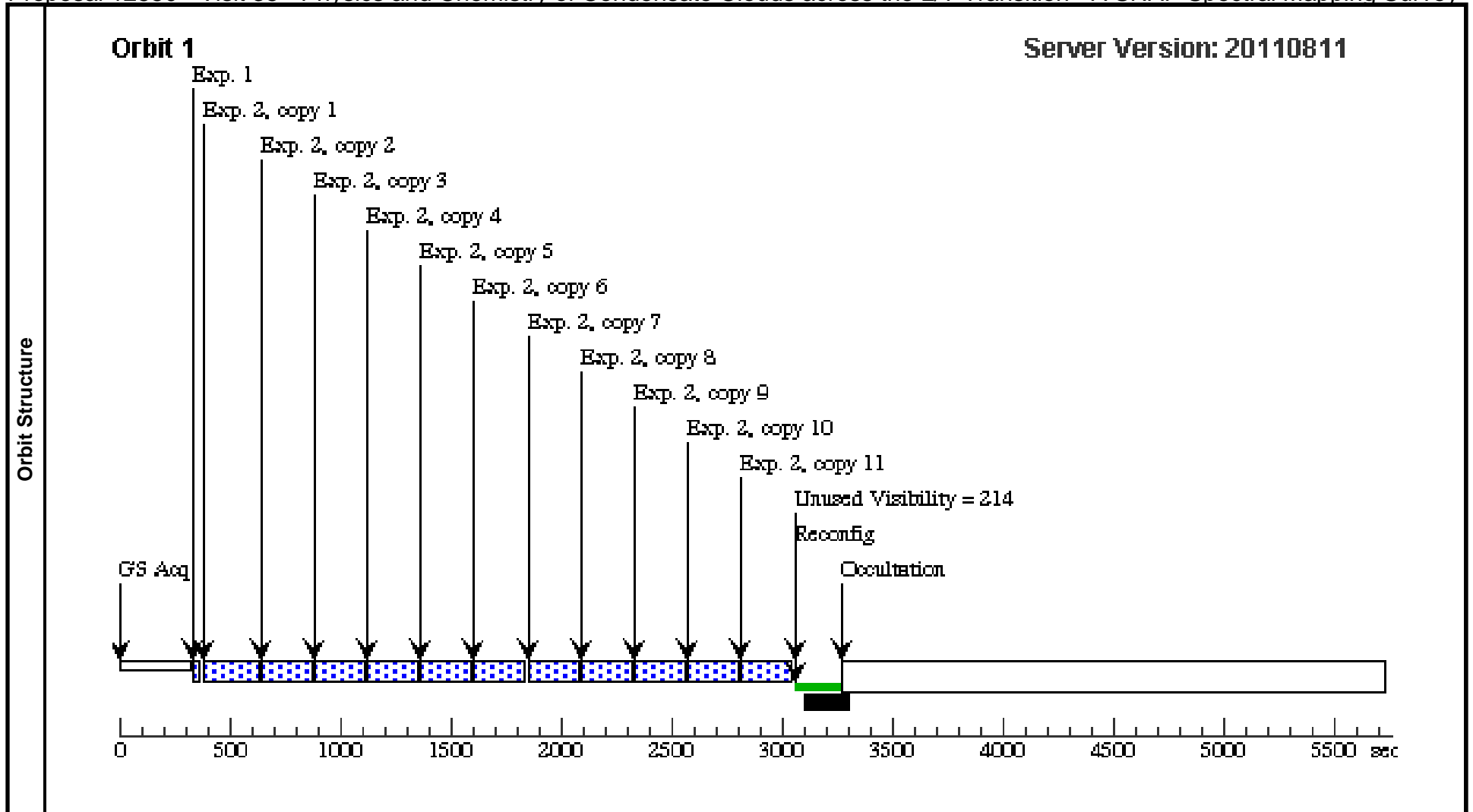
Visit	Proposal 12550, Visit 34, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(34)	2MASSJ09490860-1545485	RA: 09 49 8.6000 (147.2858333d) Dec: -15 45 48.50 (-15.76347d) Equinox: J2000	Proper Motion RA: -0.1 arcsec/yr Proper Motion Dec: 0.0 arcsec/yr Epoch of Position: 2000.2	V=(?) J=16.149	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(34) 2MASSJ09490860-1545485	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
2			(34) 2MASSJ09490860-1545485	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[1]
<i>Comments: J=16.1</i>										



Proposal 12550 - Visit 35 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:24 GMT 2011

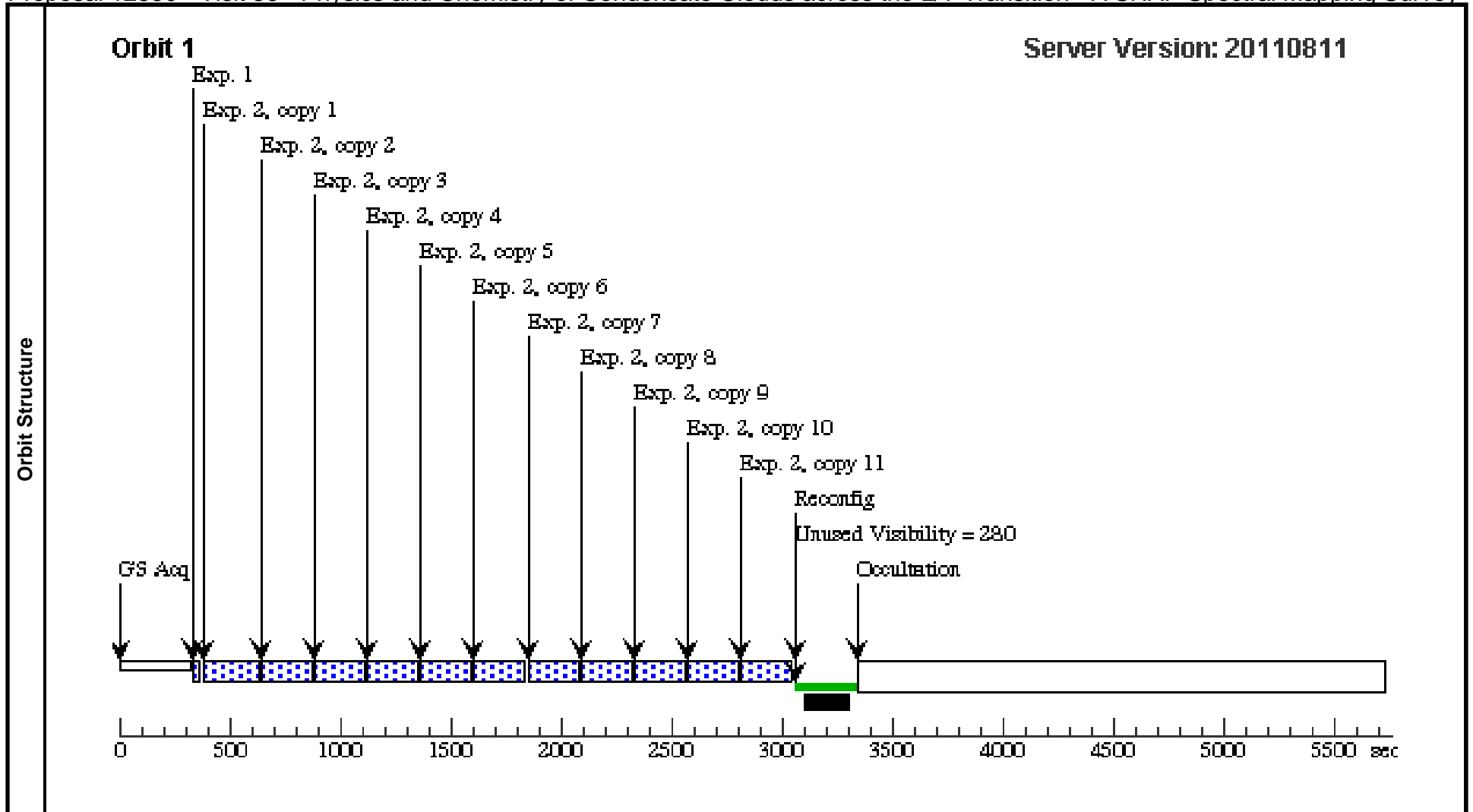
Visit	Proposal 12550, Visit 35, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(35)	SDSSJ103931.35+325625.5	RA: 10 39 31.3700 (159.8807083d) Dec: +32 56 26.30 (32.94064d) Equinox: J2000	Proper Motion RA: 0.031 arcsec/yr Proper Motion Dec: -0.023 arcsec/yr Epoch of Position: 1998.2	V=(?) J=16.405	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(35) SDSSJ103931.35+325625.5	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(35) SDSSJ103931.35+325625.5	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]
<i>Comments: J=16.405</i>										



Proposal 12550 - Visit 36 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:25 GMT 2011

Visit	Proposal 12550, Visit 36, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(36)	SDSSJ105213.51+442255.7	RA: 10 52 13.5000 (163.0562500d) Dec: +44 22 55.90 (44.38219d) Equinox: J2000	Proper Motion RA: 0.018 arcsec/yr Proper Motion Dec: -0.152 arcsec/yr Epoch of Position: 1998.3	V=(?) J=15.958	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(36) SDSSJ105213.51+442255.7	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(36) SDSSJ105213.51+442255.7	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]
<i>Comments: J=15.95</i>										



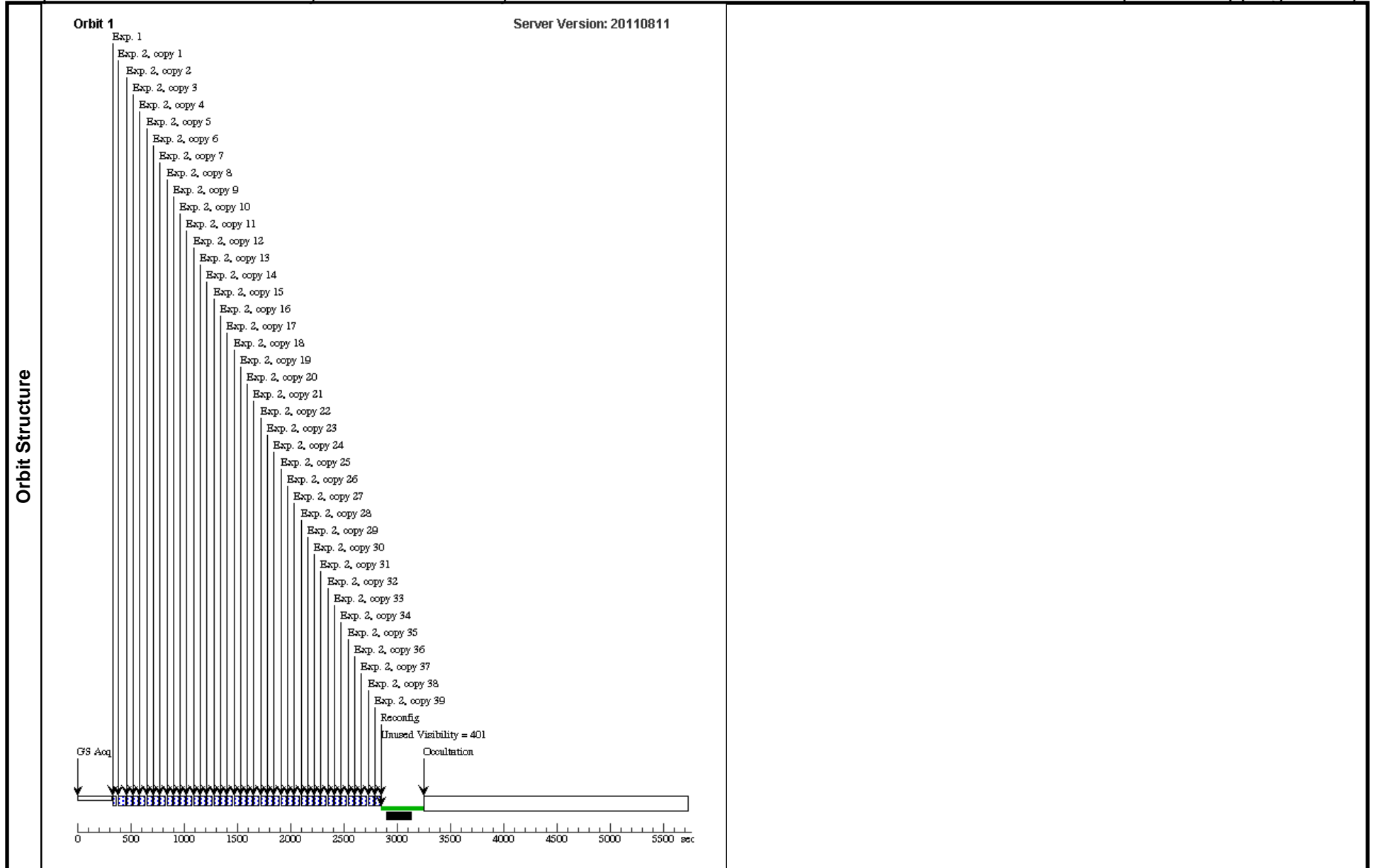
Proposal 12550 - Visit 37 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 37, pi Fri Oct 14 01:19:26 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(37)	2MASSJ11061197+2754 225	RA: 11 06 11.9700 (166.5498750d) Dec: +27 54 21.60 (27.90600d) Equinox: J2000	Proper Motion RA: -0.229 arcsec/yr Proper Motion Dec: -0.448 arcsec/yr Epoch of Position: 2000.3	V=(?) J=14.824	Reference Frame: ICRS

Proposal 12550 - Visit 37 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(37) 2MASSJ110611-97+2754225	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X=29 Y=-145 on the direct image.</i>									
2		(37) 2MASSJ110611-97+2754225	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] [==>(Copy 29)] [==>(Copy 30)] [==>(Copy 31)] [==>(Copy 32)] [==>(Copy 33)] [==>(Copy 34)] [==>(Copy 35)] [==>(Copy 36)] [==>(Copy 37)] [==>(Copy 38)] [==>(Copy 39)]	[1]
<i>Comments: J=14.82</i>									

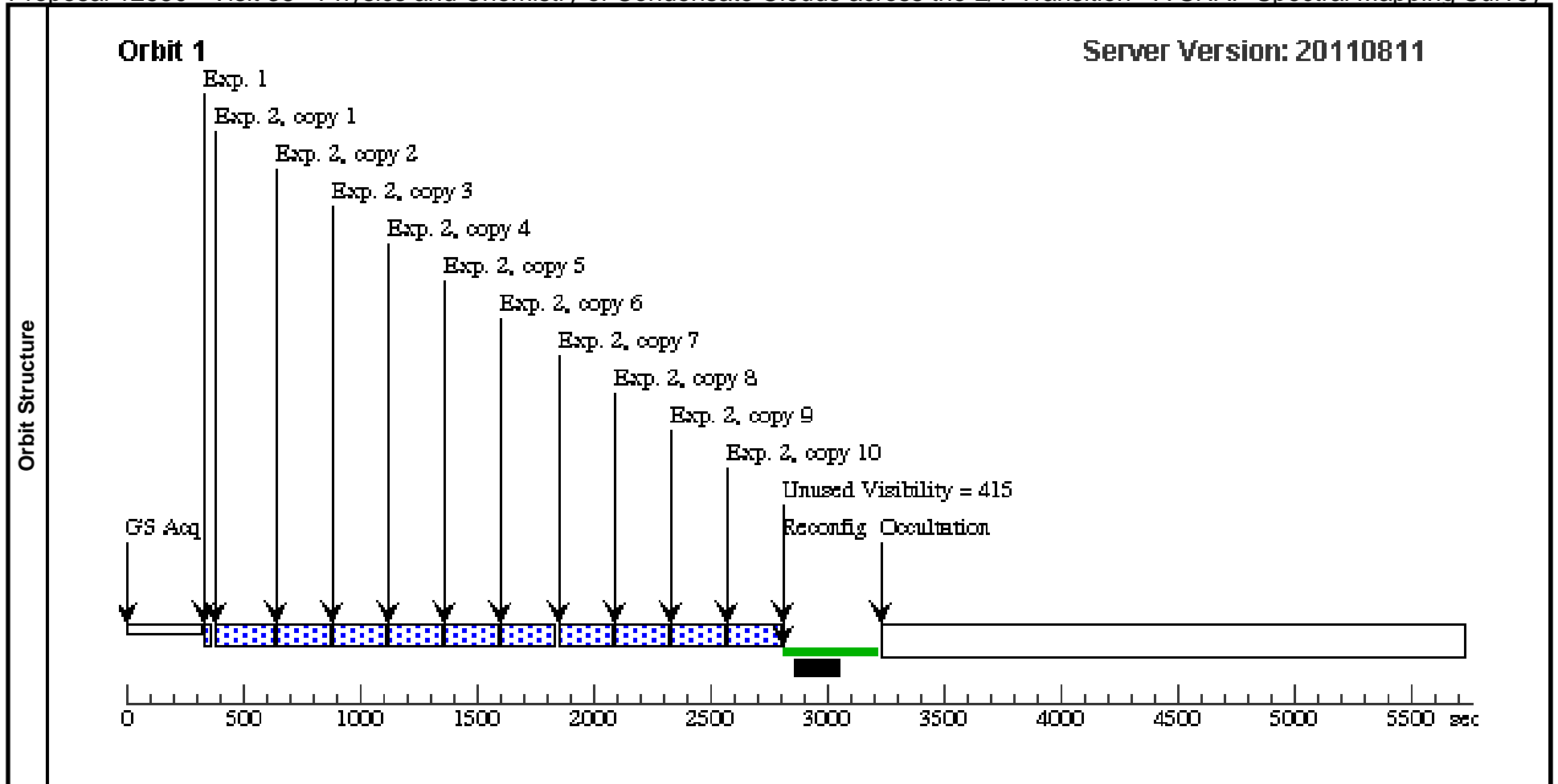
Exposures



Proposal 12550 - Visit 38 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:27 GMT 2011

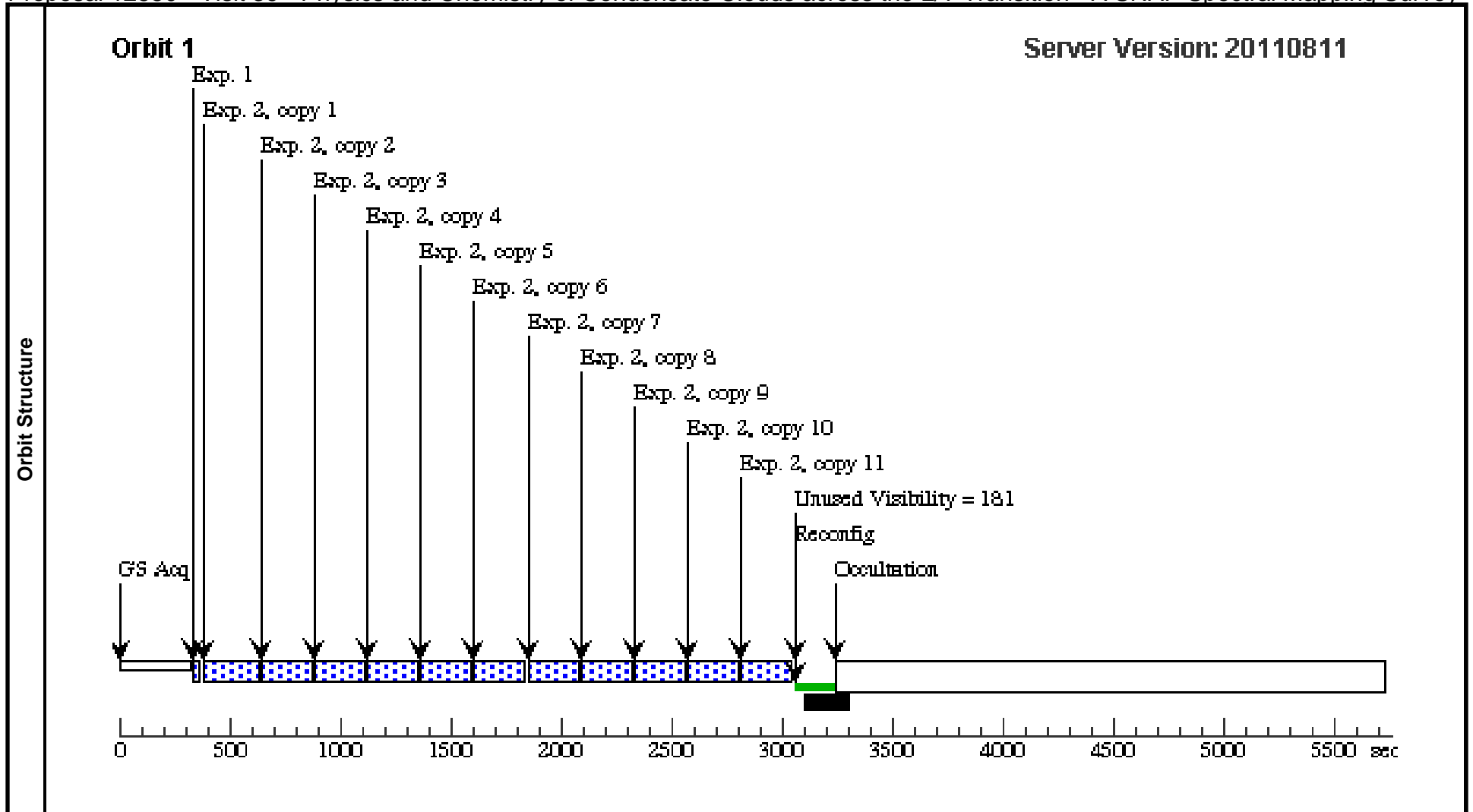
Visit	Proposal 12550, Visit 38, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(38)	SDSSPJ111010.01+011613.1	RA: 11 10 10.0100 (167.5417083d) Dec: +01 16 13.00 (1.27028d) Equinox: J2000	Proper Motion RA: -0.243 arcsec/yr Proper Motion Dec: -0.238 arcsec/yr Epoch of Position: 2000.1	V=(?) J=16.343	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	Direct Image	(38) SDSSPJ111010.01+011613.1	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0			[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>											
2			(38) SDSSPJ111010.01+011613.1	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[1]
<i>Comments: J=16.34</i>											



Proposal 12550 - Visit 39 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:27 GMT 2011

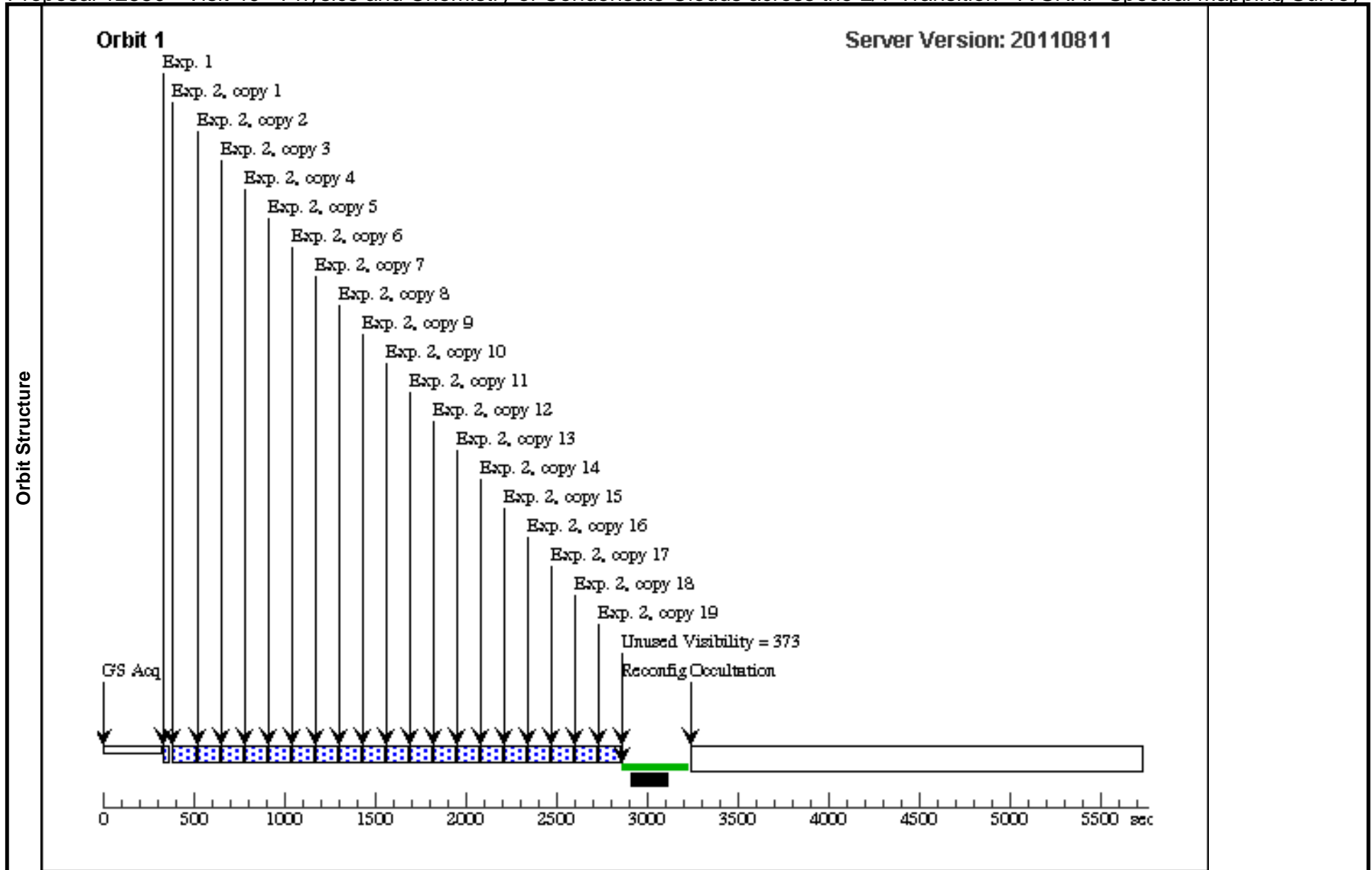
Visit	Proposal 12550, Visit 39, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(39)	SDSSJ115013.17+052012.3	RA: 11 50 13.2200 (177.5550833d) Dec: +05 20 12.40 (5.33678d) Equinox: J2000	Proper Motion RA: -0.71 arcsec/yr Proper Motion Dec: 0.125 arcsec/yr Epoch of Position: 2000.0	V=(?) J=16.252	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(39) SDSSJ115013.17+052012.3	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(39) SDSSJ115013.17+052012.3	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]
<i>Comments: J=16.34</i>										



Proposal 12550 - Visit 40 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:28 GMT 2011

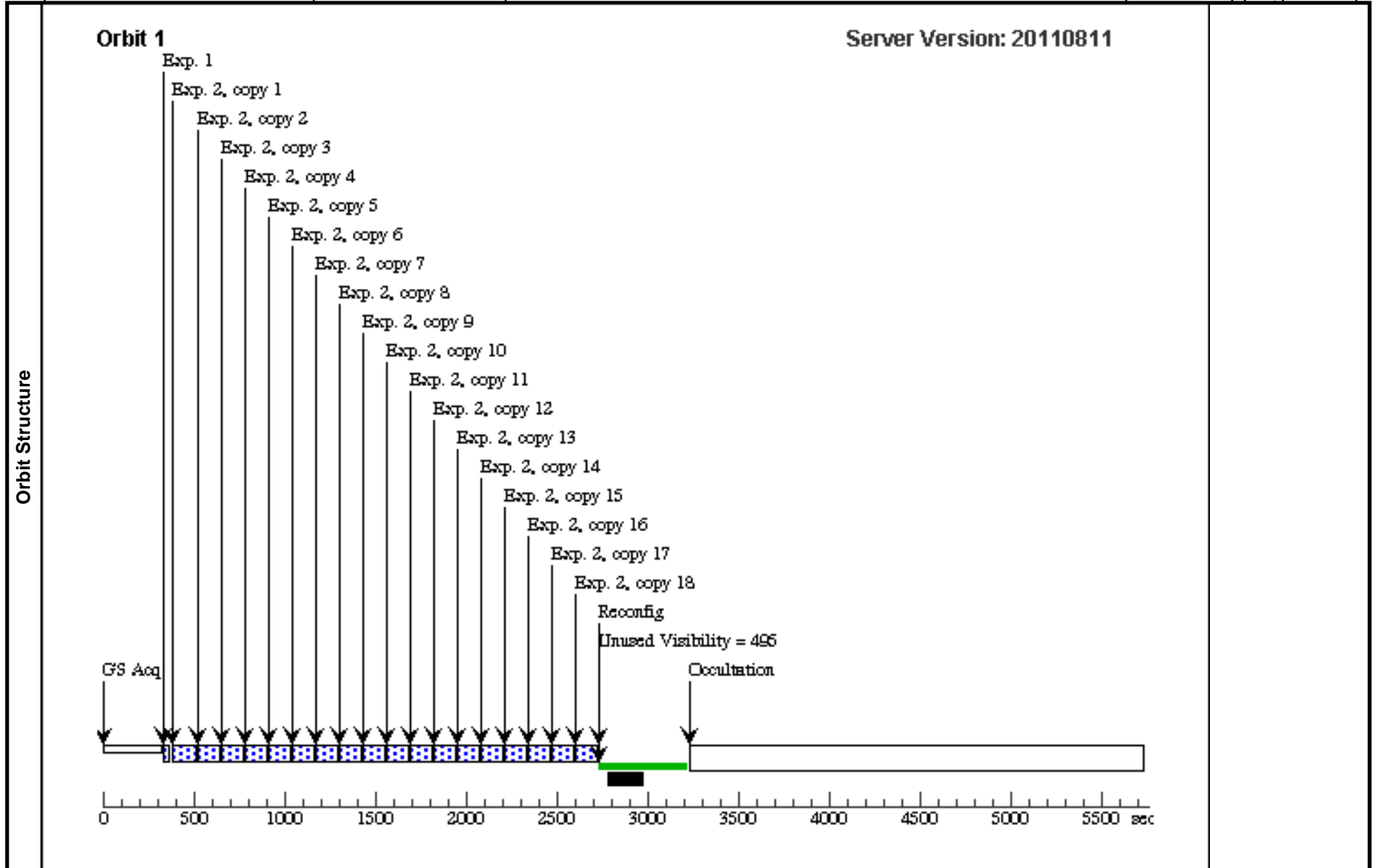
Visit	Proposal 12550, Visit 40, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(40)	SDSSJ115553.86+055957.5	RA: 11 55 53.8900 (178.9745417d) Dec: +05 59 57.70 (5.99936d) Equinox: J2000	Proper Motion RA: -0.406 arcsec/yr Proper Motion Dec: -0.260 arcsec/yr Epoch of Position: 2000.2	V=(?) J=15.66	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(40) SDSSJ115553.86+055957.5	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
	<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>									
	2		(40) SDSSJ115553.86+055957.5	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)]	[1]
<i>Comments: J=15.66</i>										



Proposal 12550 - Visit 41 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:29 GMT 2011

Visit	Proposal 12550, Visit 41, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(41)	SDSSJ120747.17+024424.8	RA: 12 07 47.1700 (181.9465417d) Dec: +02 44 24.90 (2.74025d) Equinox: J2000	Proper Motion RA: -0.498 arcsec/yr Proper Motion Dec: 0.138 arcsec/yr Epoch of Position: 2000.1	V=(?) J=15.58	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(41) SDSSJ120747.17+024424.8	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
	<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>									
	2		(41) SDSSJ120747.17+024424.8	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)]	[1]
<i>Comments: J=15.58</i>										



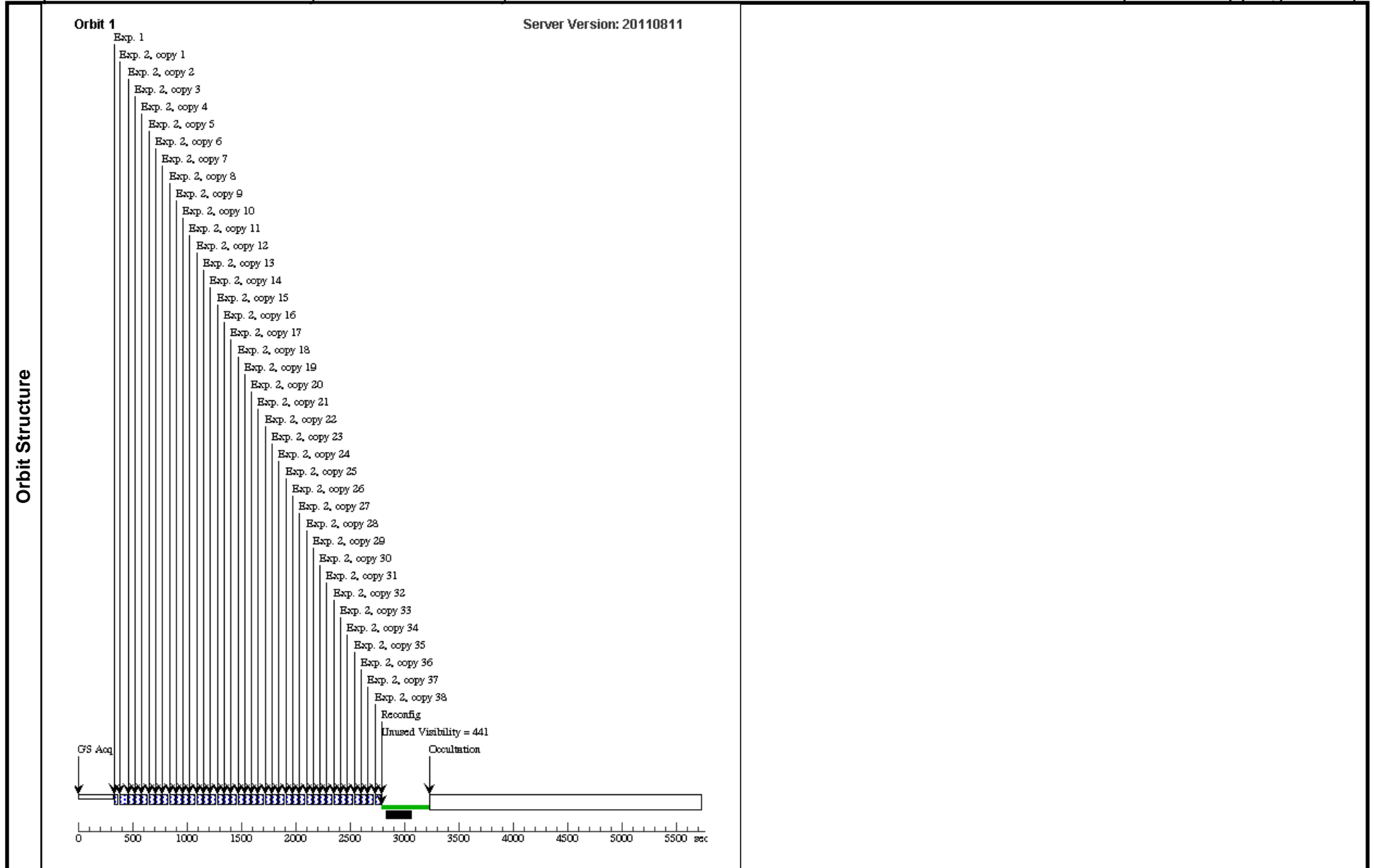
Proposal 12550 - Visit 42 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 42, pi Fri Oct 14 01:19:29 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(42)	2MASSJ1213033-043243	RA: 12 13 3.3600 (183.2640000d) Dec: -04 32 43.70 (-4.54547d) Equinox: J2000	Proper Motion RA: -0.354 arcsec/yr Proper Motion Dec: -0.012 arcsec/yr Epoch of Position: 1999.1	V=(?) J=14.683	Reference Frame: ICRS

Proposal 12550 - Visit 42 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(42) 2MASSJ121303-043243	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X=29 Y=145 on the direct image.</i>									
2		(42) 2MASSJ121303-043243	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] [==>(Copy 29)] [==>(Copy 30)] [==>(Copy 31)] [==>(Copy 32)] [==>(Copy 33)] [==>(Copy 34)] [==>(Copy 35)] [==>(Copy 36)] [==>(Copy 37)] [==>(Copy 38)]	[1]
<i>Comments: J=14.68</i>									

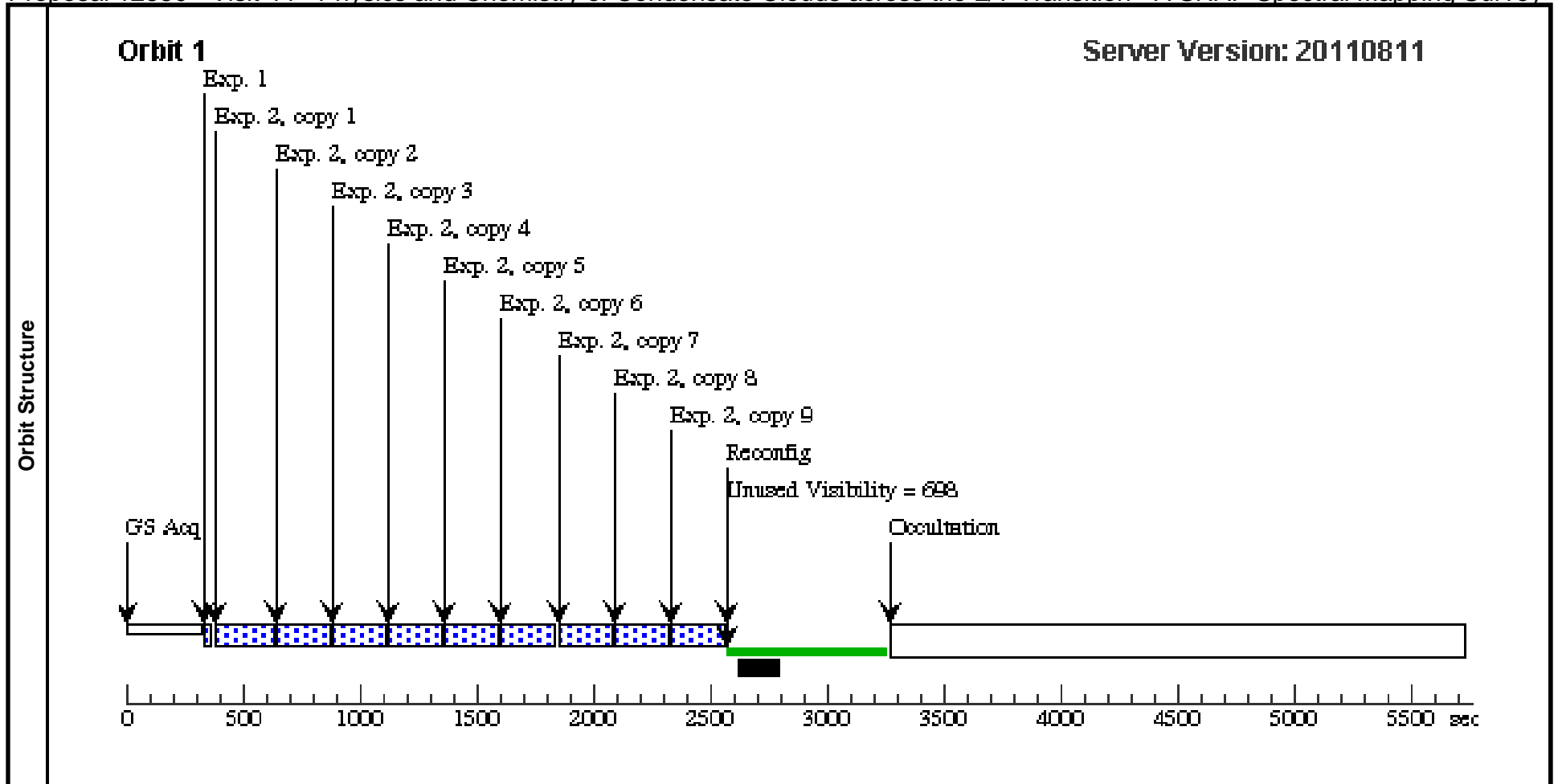
Exposures



Proposal 12550 - Visit 44 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:30 GMT 2011

Visit	Proposal 12550, Visit 44, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(44)	SDSSJ121951.45+312849.4	RA: 12 19 51.5600 (184.9648333d) Dec: +31 28 49.70 (31.48047d) Equinox: J2000	Proper Motion RA: -0.25 arcsec/yr Proper Motion Dec: -0.017 arcsec/yr Epoch of Position: 1998.2	V=(?) J=15.913	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(44) SDSSJ121951.45+312849.4	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
2			(44) SDSSJ121951.45+312849.4	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[1]
<i>Comments: J=15.91</i>										



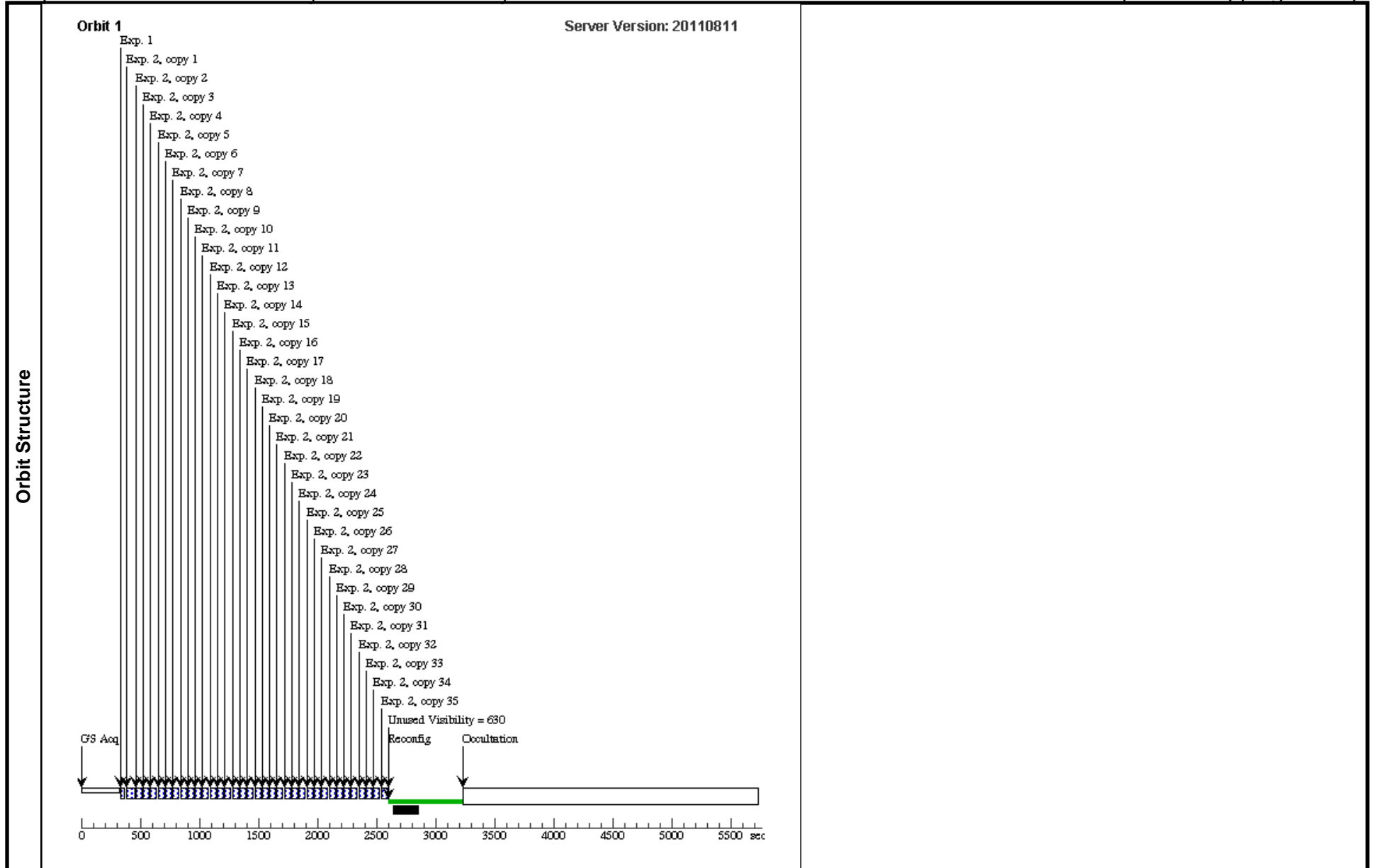
Proposal 12550 - Visit 45 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 45, pi Fri Oct 14 01:19:30 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>												
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(45)</td> <td>SDSSPJ125453.90-012247.4</td> <td> RA: 12 54 53.9300 (193.7247083d) Dec: -01 22 47.40 (-1.37983d) Equinox: J2000 </td> <td> Proper Motion RA: -0.479 arcsec/yr Proper Motion Dec: 0.130 arcsec/yr Epoch of Position: 1999.1 </td> <td> V=(?) J=14.891 </td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(45)	SDSSPJ125453.90-012247.4	RA: 12 54 53.9300 (193.7247083d) Dec: -01 22 47.40 (-1.37983d) Equinox: J2000	Proper Motion RA: -0.479 arcsec/yr Proper Motion Dec: 0.130 arcsec/yr Epoch of Position: 1999.1	V=(?) J=14.891
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(45)	SDSSPJ125453.90-012247.4	RA: 12 54 53.9300 (193.7247083d) Dec: -01 22 47.40 (-1.37983d) Equinox: J2000	Proper Motion RA: -0.479 arcsec/yr Proper Motion Dec: 0.130 arcsec/yr Epoch of Position: 1999.1	V=(?) J=14.891	Reference Frame: ICRS								

Proposal 12550 - Visit 45 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(45) SDSSPJ125453.90-012247.4	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X=29 Y=145 on the direct image.</i>									
2		(45) SDSSPJ125453.90-012247.4	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] [==>(Copy 29)] [==>(Copy 30)] [==>(Copy 31)] [==>(Copy 32)] [==>(Copy 33)] [==>(Copy 34)] [==>(Copy 35)]	[1]
<i>Comments: J=14.89</i>									

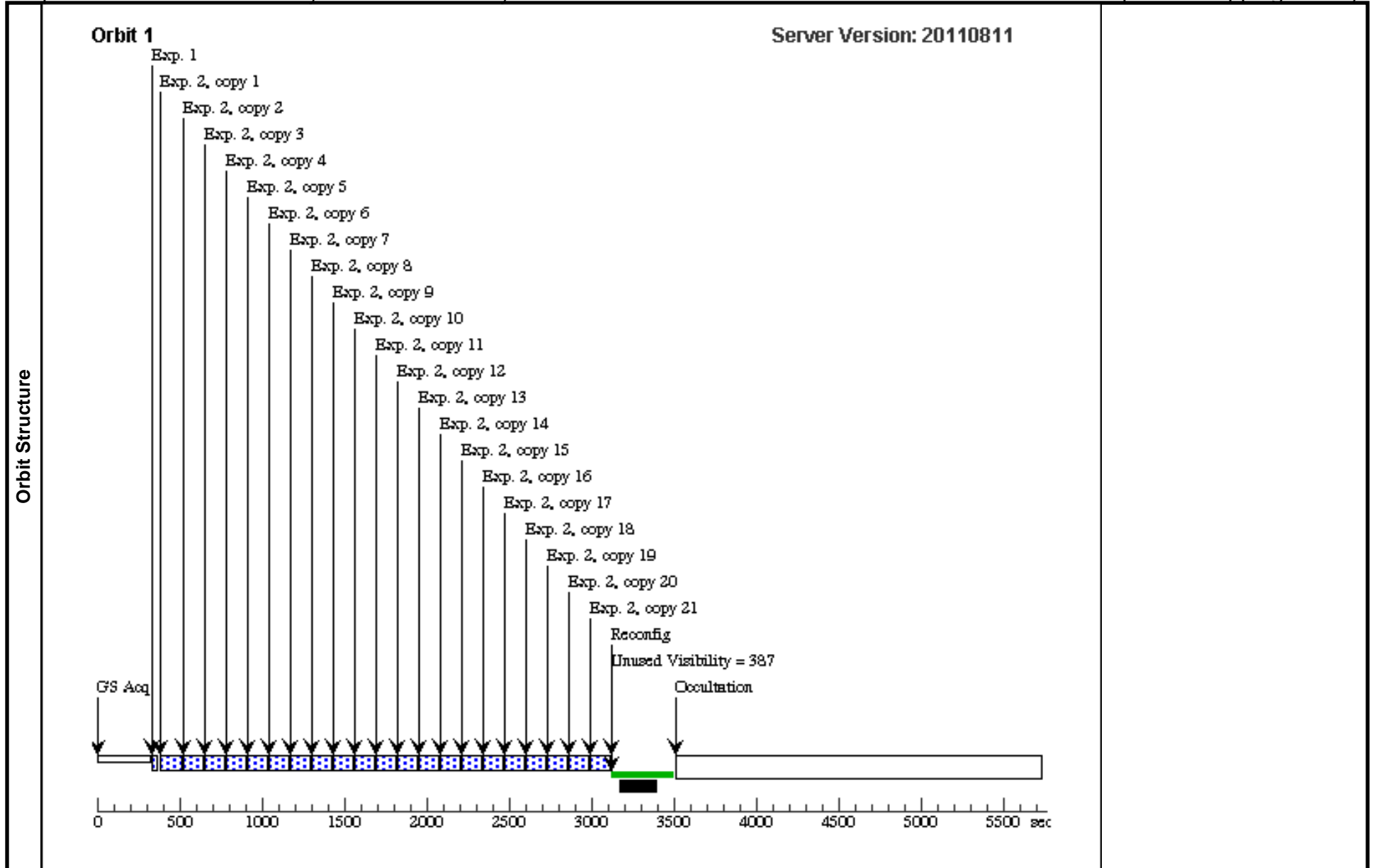
Exposures



Proposal 12550 - Visit 46 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:31 GMT 2011

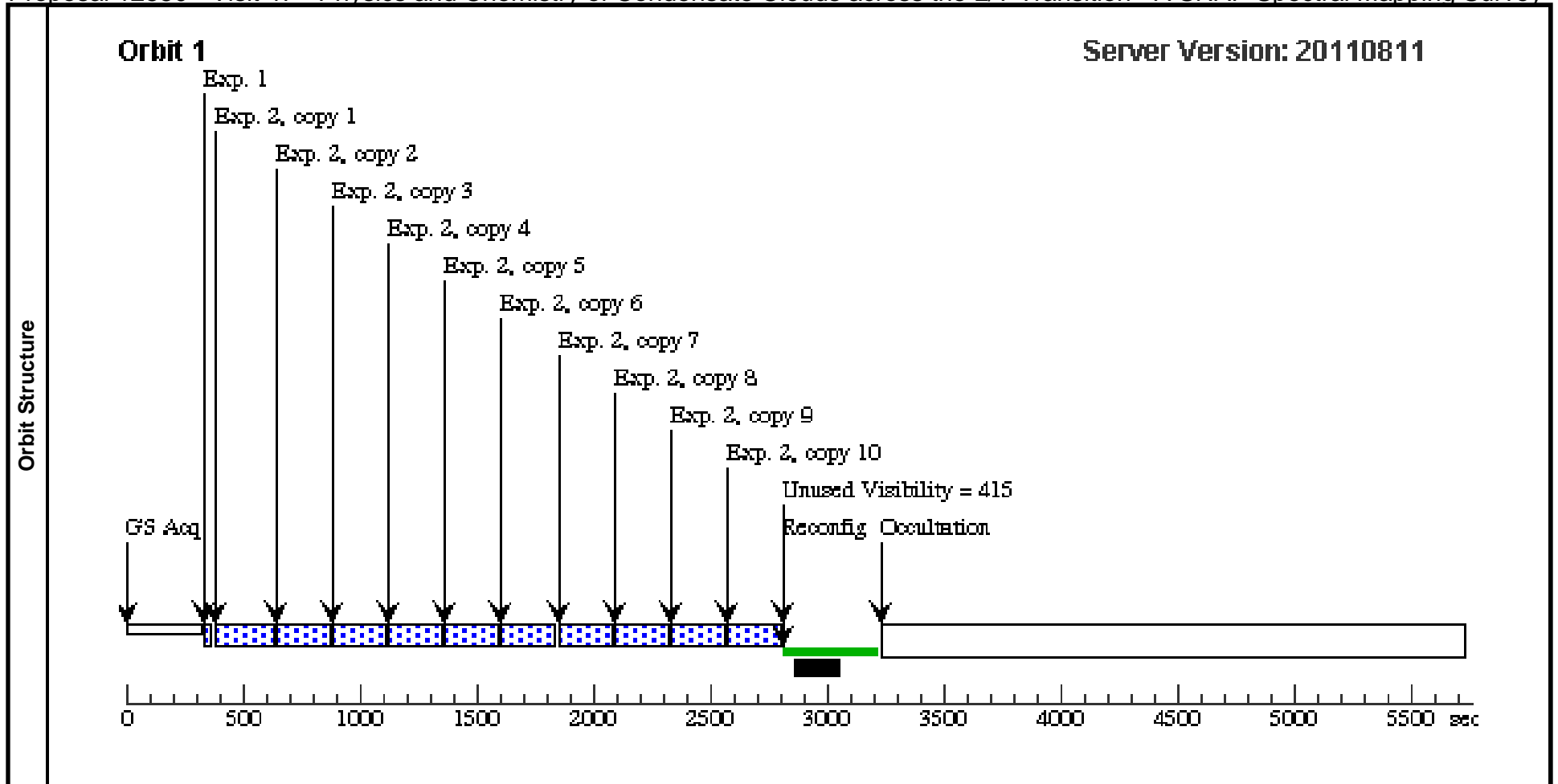
Visit	Proposal 12550, Visit 46, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(46)	2MASSJ13243559+6358284	RA: 13 24 35.5900 (201.1482917d) Dec: +63 58 28.20 (63.97450d) Equinox: J2000	Proper Motion RA: -0.343 arcsec/yr Proper Motion Dec: -0.26 arcsec/yr Epoch of Position: 2000.2	V=(?) J=15.596	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(46) 2MASSJ13243559+6358284	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0			[==>]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(46) 2MASSJ13243559+6358284	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)]	[1]
<i>Comments: J=15.59</i>										



Proposal 12550 - Visit 47 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:31 GMT 2011

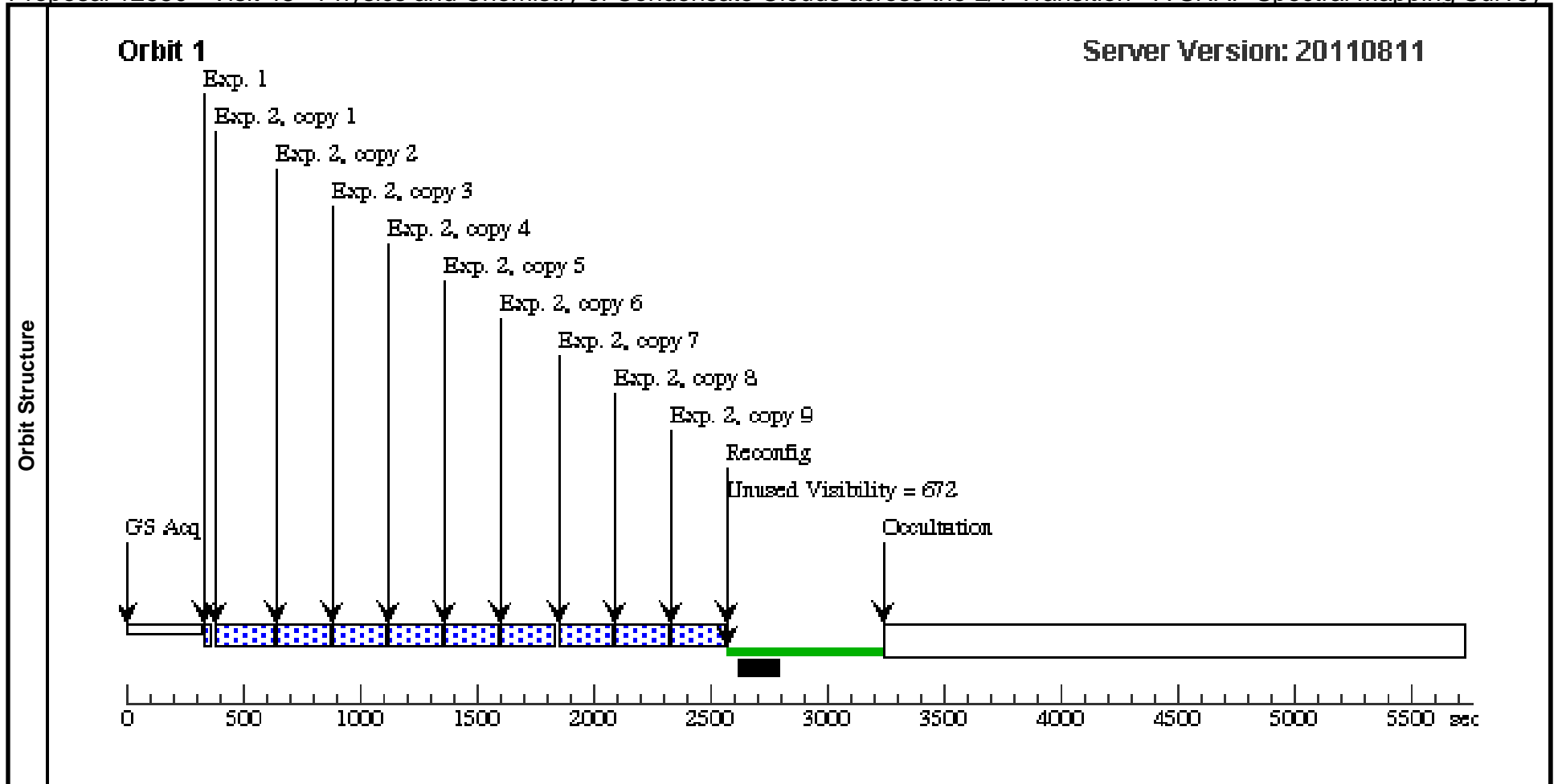
Visit	Proposal 12550, Visit 47, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(47)	SDSSPJ132629.82-003831.5	RA: 13 26 29.8100 (201.6242083d) Dec: -00 38 31.40 (-.64206d) Equinox: J2000	Proper Motion RA: -0.226 arcsec/yr Proper Motion Dec: -0.107 arcsec/yr Epoch of Position: 1999.1	V=(?) J=16.103	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(47) SDSSPJ132629.82-003831.5	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
2			(47) SDSSPJ132629.82-003831.5	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[1]
<i>Comments: J=16.10</i>										



Proposal 12550 - Visit 48 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:32 GMT 2011

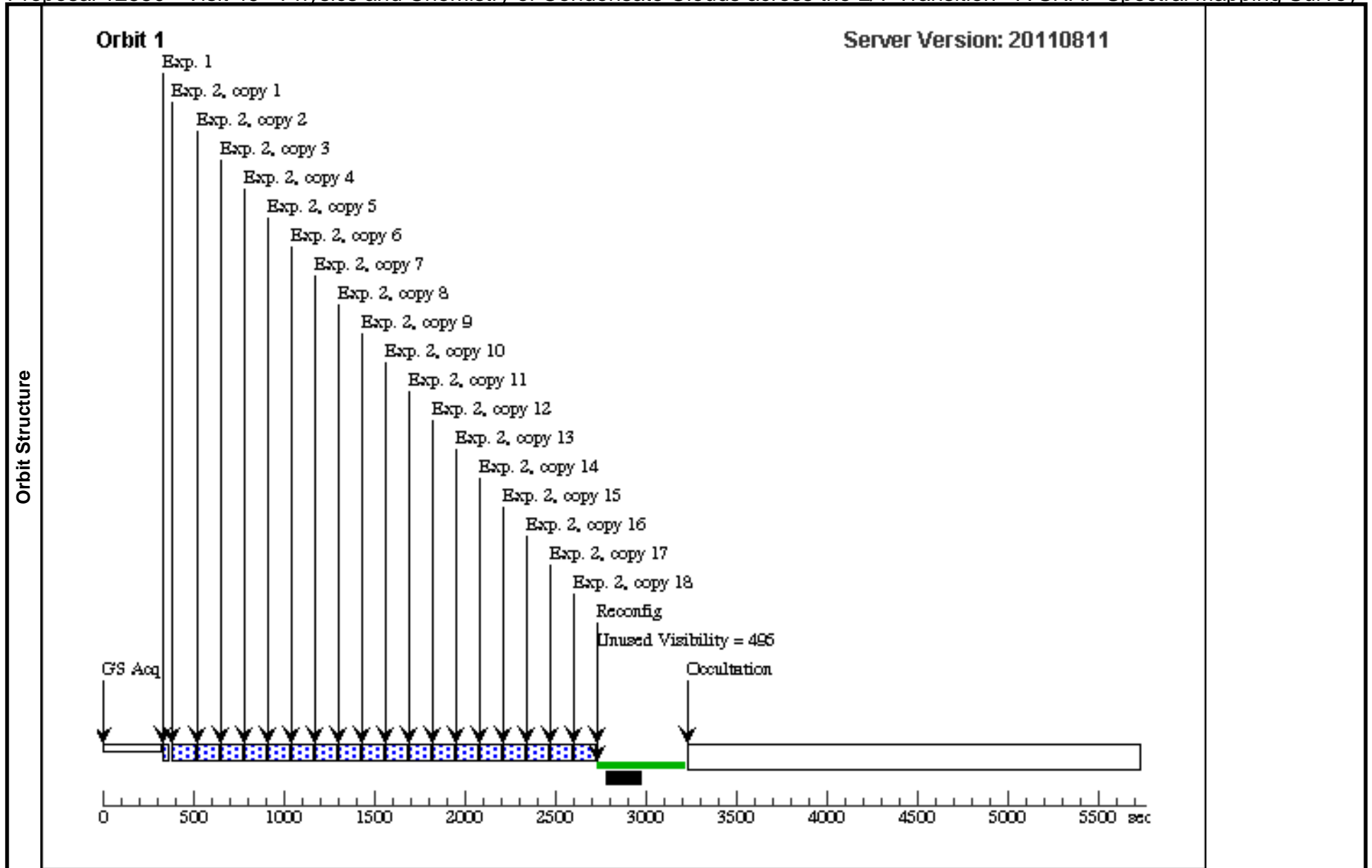
Visit	Proposal 12550, Visit 48, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(48)	2MASSWJ1328550+211449	RA: 13 28 55.0300 (202.2292917d) Dec: +21 14 48.60 (21.24683d) Equinox: J2000	Proper Motion RA: 0.219 arcsec/yr Proper Motion Dec: -0.428 arcsec/yr Epoch of Position: 1999.4	V=(?) J=16.192	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(48) 2MASSWJ1328550+211449	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
2			(48) 2MASSWJ1328550+211449	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[1]
<i>Comments: J=16.19</i>										



Proposal 12550 - Visit 49 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:33 GMT 2011

Visit	Proposal 12550, Visit 49, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(49)	SDSSJ133148.92-011651.4	RA: 13 31 48.9400 (202.9539167d) Dec: -01 16 50.00 (-1.28056d) Equinox: J2000	Proper Motion RA: -0.407 arcsec/yr Proper Motion Dec: -1.03 arcsec/yr Epoch of Position: 1999.1	V=(?) J=15.459	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(49) SDSSJ133148.92-011651.4	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
	<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>									
	2		(49) SDSSJ133148.92-011651.4	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)]	[1]
<i>Comments: J=15.46</i>										



Proposal 12550 - Visit 51 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 51, pi Fri Oct 14 01:19:33 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(51)	2MASSJ15031961+2525196	RA: 15 03 19.6100 (225.8317083d) Dec: +25 25 19.60 (25.42211d) Equinox: J2000	Proper Motion RA: 0.009 arcsec/yr Proper Motion Dec: 0.021 arcsec/yr Epoch of Position: 1999.4	V=(?) J=13.937	Reference Frame: ICRS

Proposal 12550 - Visit 51 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(51) 2MASSJ150319 61+2525196	WFC3/IR, MULTIACCUM, GRISM256	F132N	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<p><i>Comments: Direct image in F132N to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i></p>									

Exposures

Proposal 12550 - Visit 51 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

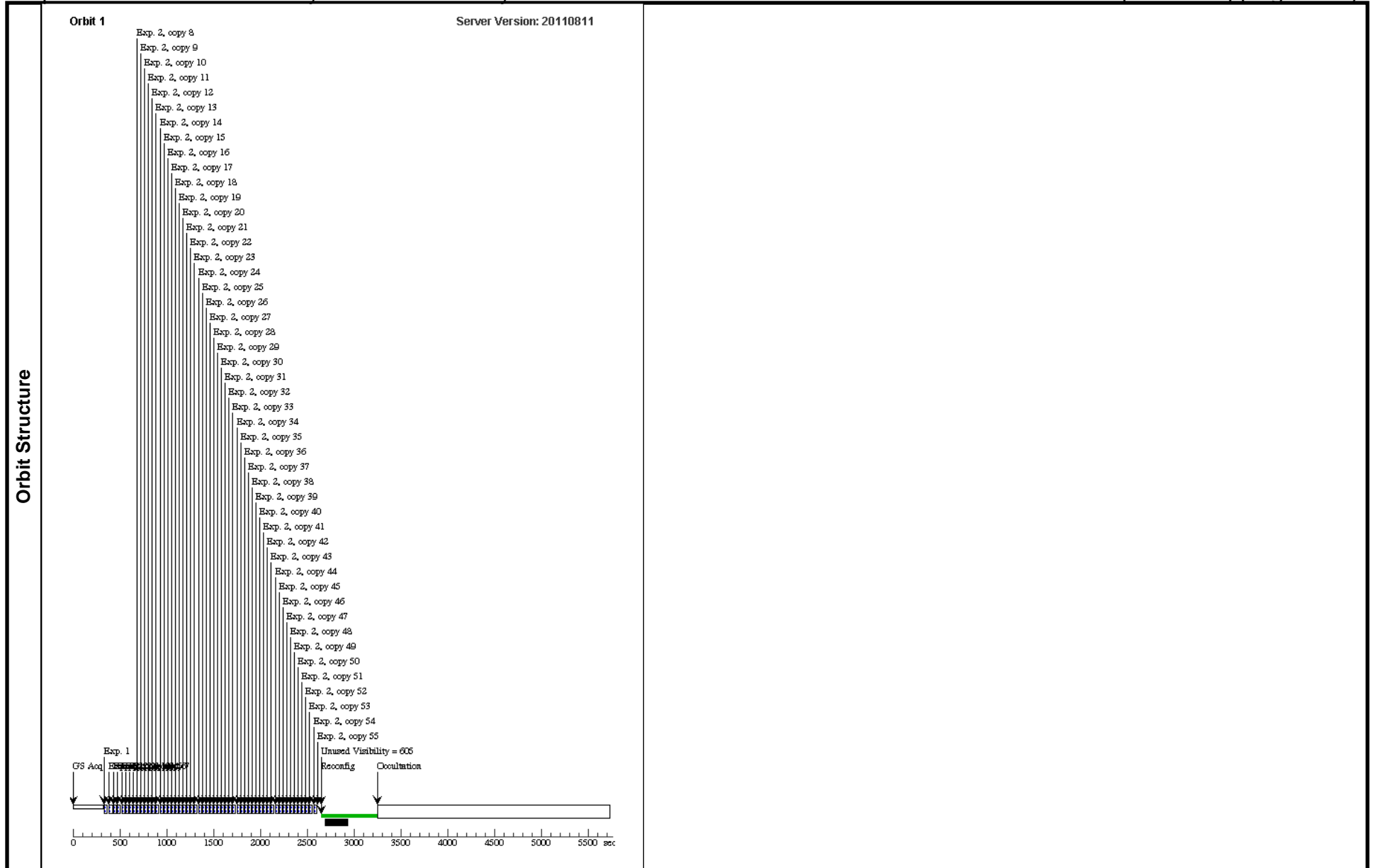
2	(51) 2MASSJ150319 61+2525196	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=2; SAMP-SEQ=SPAR S25	POS TARG 0,0		
---	---------------------------------	----------------------------------	------	----------------------------------	--------------	--	--

[==>(Copy 1)]
[==>(Copy 2)]
[==>(Copy 3)]
[==>(Copy 4)]
[==>(Copy 5)]
[==>(Copy 6)]
[==>(Copy 7)]
[==>(Copy 8)]
[==>(Copy 9)]
[==>(Copy 10)]
[==>(Copy 11)]
[==>(Copy 12)]
[==>(Copy 13)]
[==>(Copy 14)]
[==>(Copy 15)]
[==>(Copy 16)]
[==>(Copy 17)]
[==>(Copy 18)]
[==>(Copy 19)]
[==>(Copy 20)]
[==>(Copy 21)]
[==>(Copy 22)]
[==>(Copy 23)]
[==>(Copy 24)]
[==>(Copy 25)]
[==>(Copy 26)]
[==>(Copy 27)]
[==>(Copy 28)]
[==>(Copy 29)]
[==>(Copy 30)]
[==>(Copy 31)]
[==>(Copy 32)]
[==>(Copy 33)]
[==>(Copy 34)]
[==>(Copy 35)]
[==>(Copy 36)]
[==>(Copy 37)]
[==>(Copy 38)]
[==>(Copy 39)]
[==>(Copy 40)]
[==>(Copy 41)]
[==>(Copy 42)]
[==>(Copy 43)]
[==>(Copy 44)]
[==>(Copy 45)]

[1]

Proposal 12550 - Visit 51 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

<p><i>Comments: J=13.93</i></p>	<p>[==>(Copy 46)] [==>(Copy 47)] [==>(Copy 48)] [==>(Copy 49)] [==>(Copy 50)] [==>(Copy 51)] [==>(Copy 52)] [==>(Copy 53)] [==>(Copy 54)] [==>(Copy 55)]</p>
---------------------------------	--



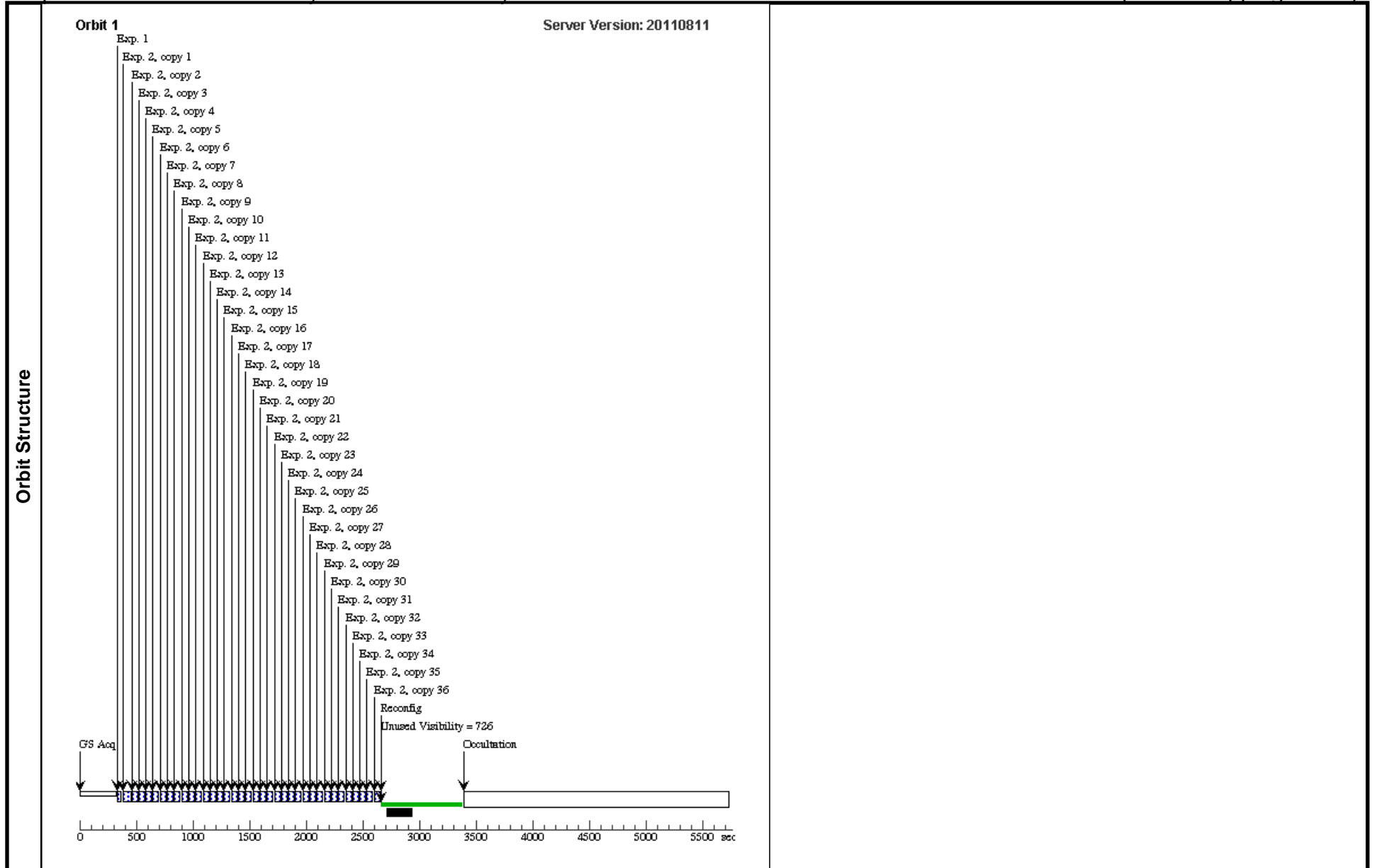
Proposal 12550 - Visit 52 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 52, pi Fri Oct 14 01:19:35 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(52)	2MASSWJ1515008+484742	RA: 15 15 0.8300 (228.7534583d) Dec: +48 47 41.60 (48.79489d) Equinox: J2000	Proper Motion RA: -0.95 arcsec/yr Proper Motion Dec: 1.471 arcsec/yr Epoch of Position: 2000.2	V=(?) J=14.111	Reference Frame: ICRS

Proposal 12550 - Visit 52 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(52) 2MASSWJ1515008+484742	WFC3/IR, MULTIACCUM, GRISM256	F132N	SAMP-SEQ=SPARS 10; NSAMP=2			[==>]	[1]
<i>Comments: Direct image in F132N to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>									
2		(52) 2MASSWJ1515008+484742	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S25			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] [==>(Copy 29)] [==>(Copy 30)] [==>(Copy 31)] [==>(Copy 32)] [==>(Copy 33)] [==>(Copy 34)] [==>(Copy 35)] [==>(Copy 36)]	[1]
<i>Comments: J=14.11</i>									

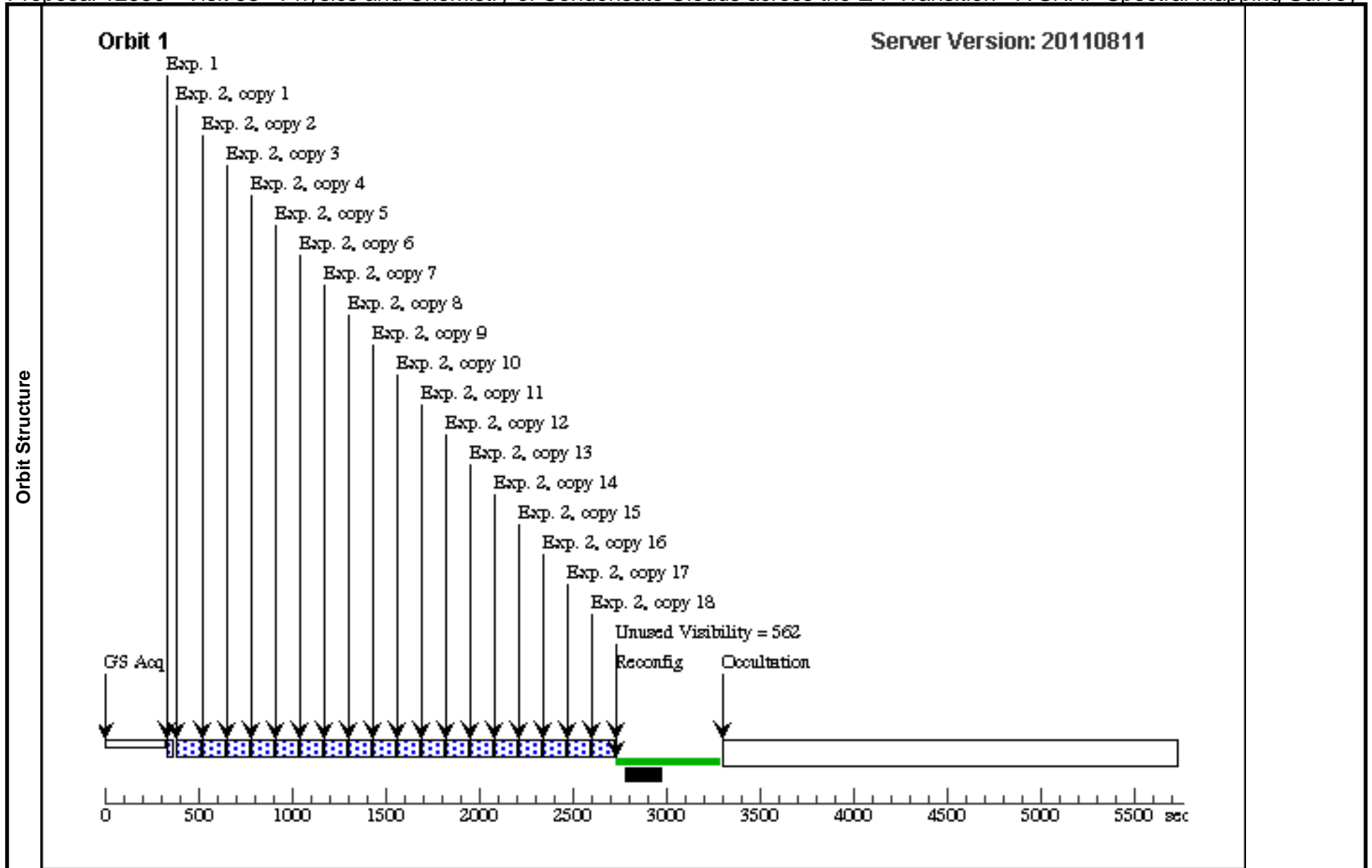
Exposures



Proposal 12550 - Visit 53 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:36 GMT 2011

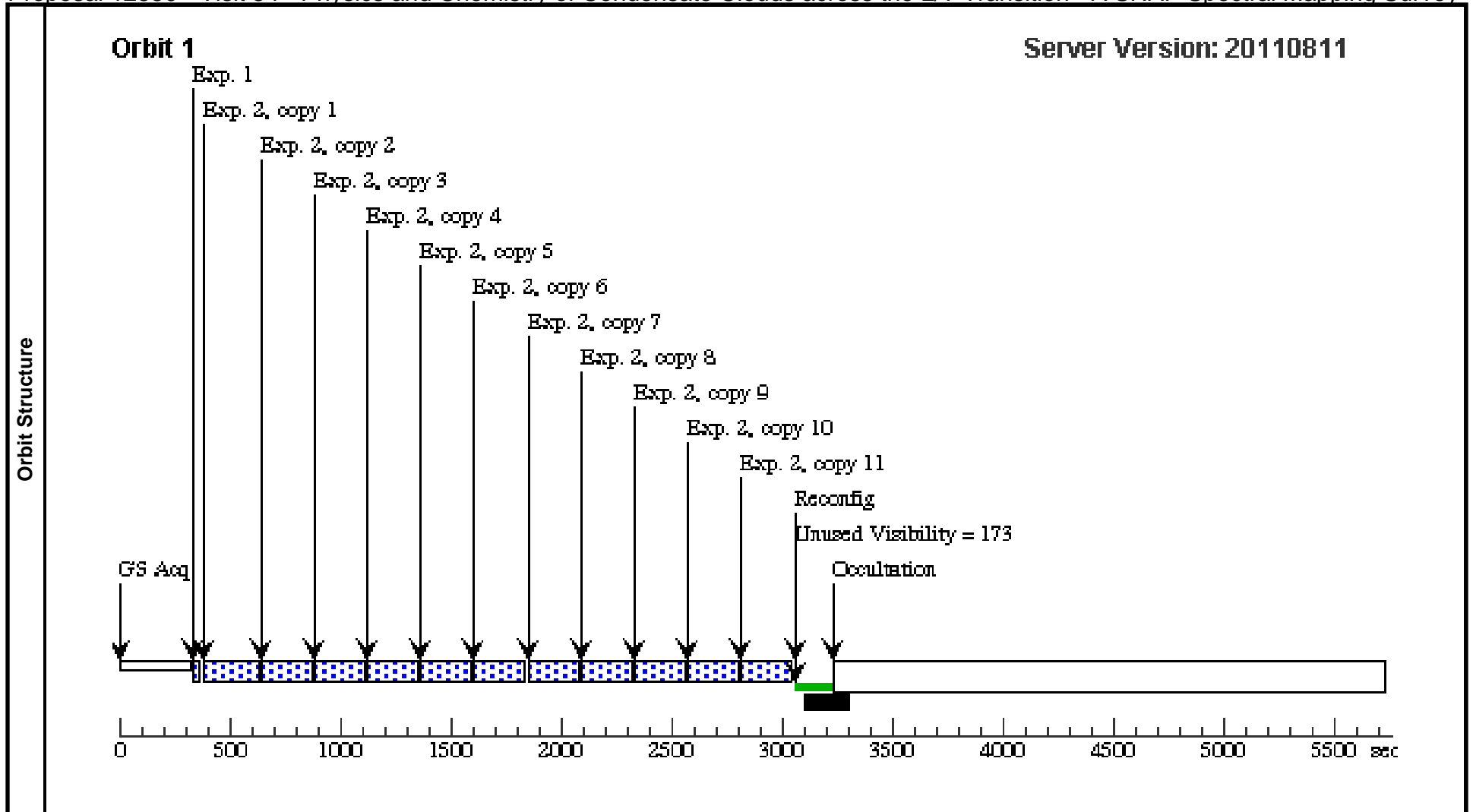
Visit	Proposal 12550, Visit 53, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(53)	SDSSJ152039.82+354619.8	RA: 15 20 39.7400 (230.1655833d) Dec: +35 46 21.00 (35.77250d) Equinox: J2000	Proper Motion RA: 0.279 arcsec/yr Proper Motion Dec: -0.386 arcsec/yr Epoch of Position: 2000.1	V=(?) J=15.54	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(53) SDSSJ152039.82+354619.8	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(53) SDSSJ152039.82+354619.8	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)]	[1]
<i>Comments: J=15.54</i>										



Proposal 12550 - Visit 54 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:37 GMT 2011

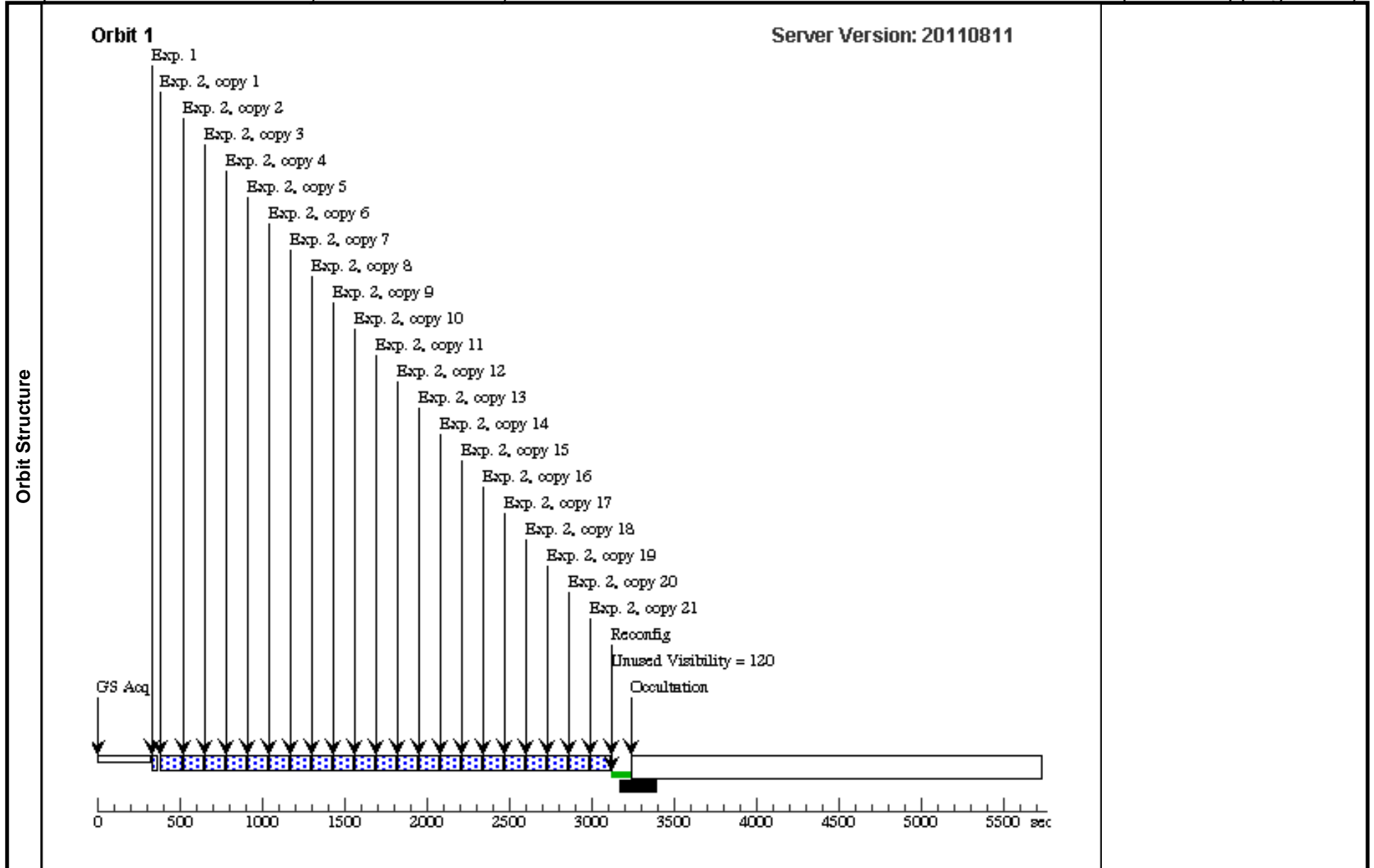
Visit	Proposal 12550, Visit 54, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(54)	SDSSJ152103.24+013142.7	RA: 15 21 3.2700 (230.2636250d) Dec: +01 31 42.60 (1.52850d) Equinox: J2000	Proper Motion RA: -0.212 arcsec/yr Proper Motion Dec: 0.084 arcsec/yr Epoch of Position: 2000.3	V=(?) J=16.399	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(54) SDSSJ152103.24+013142.7	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
2			(54) SDSSJ152103.24+013142.7	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]
<i>Comments: J=16.39</i>										



Proposal 12550 - Visit 55 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:38 GMT 2011

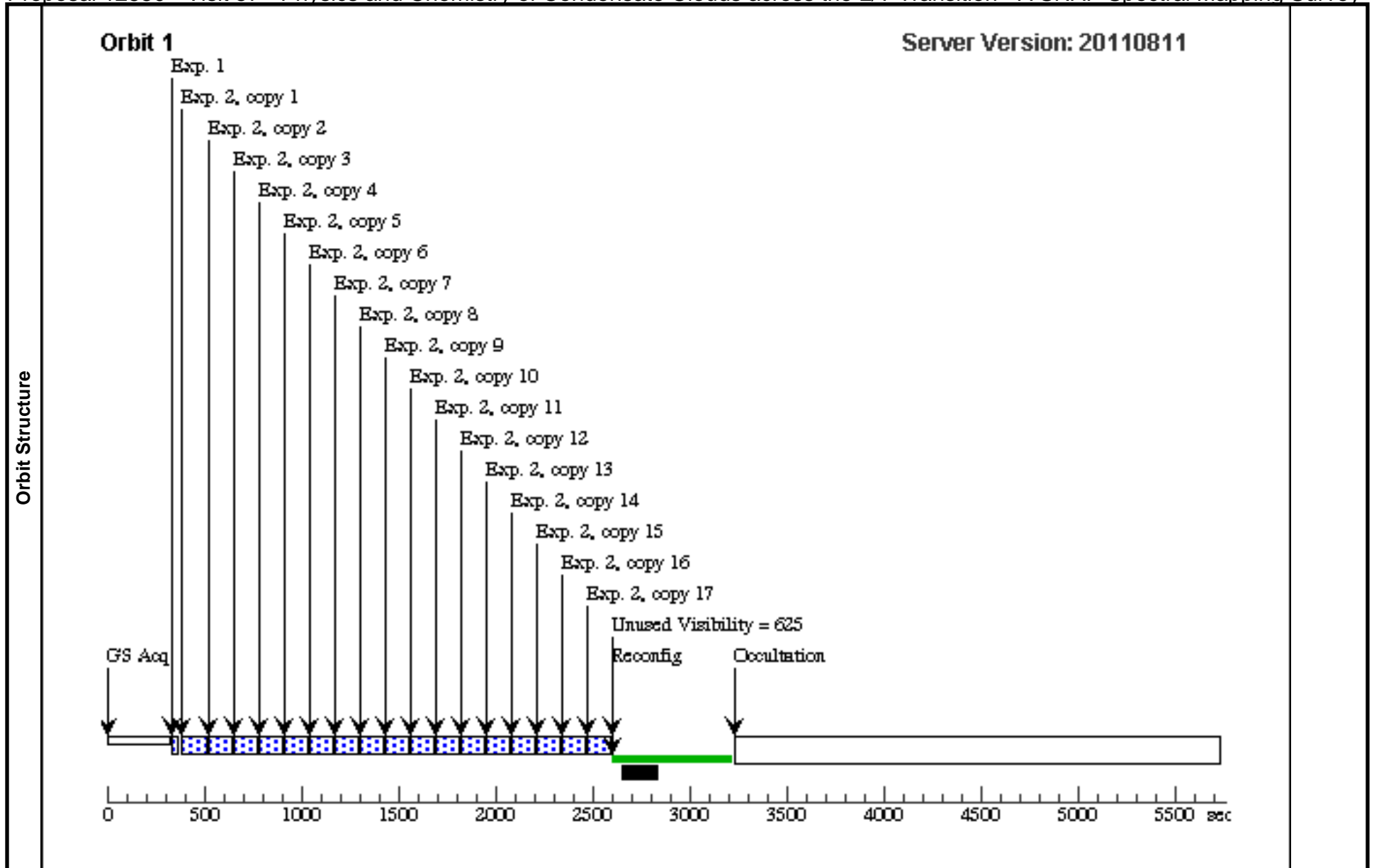
Visit	Proposal 12550, Visit 55, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(55)	2MASSJ1526140+204341	RA: 15 26 14.0500 (231.5585417d) Dec: +20 43 41.40 (20.72817d) Equinox: J2000	Proper Motion RA: -0.207 arcsec/yr Proper Motion Dec: -0.362 arcsec/yr Epoch of Position: 1997.5	V=(?) J=15.586	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(55) 2MASSJ1526140+204341	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(55) 2MASSJ1526140+204341	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)]	[1]
<i>Comments: J=15.59</i>										



Proposal 12550 - Visit 57 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:38 GMT 2011

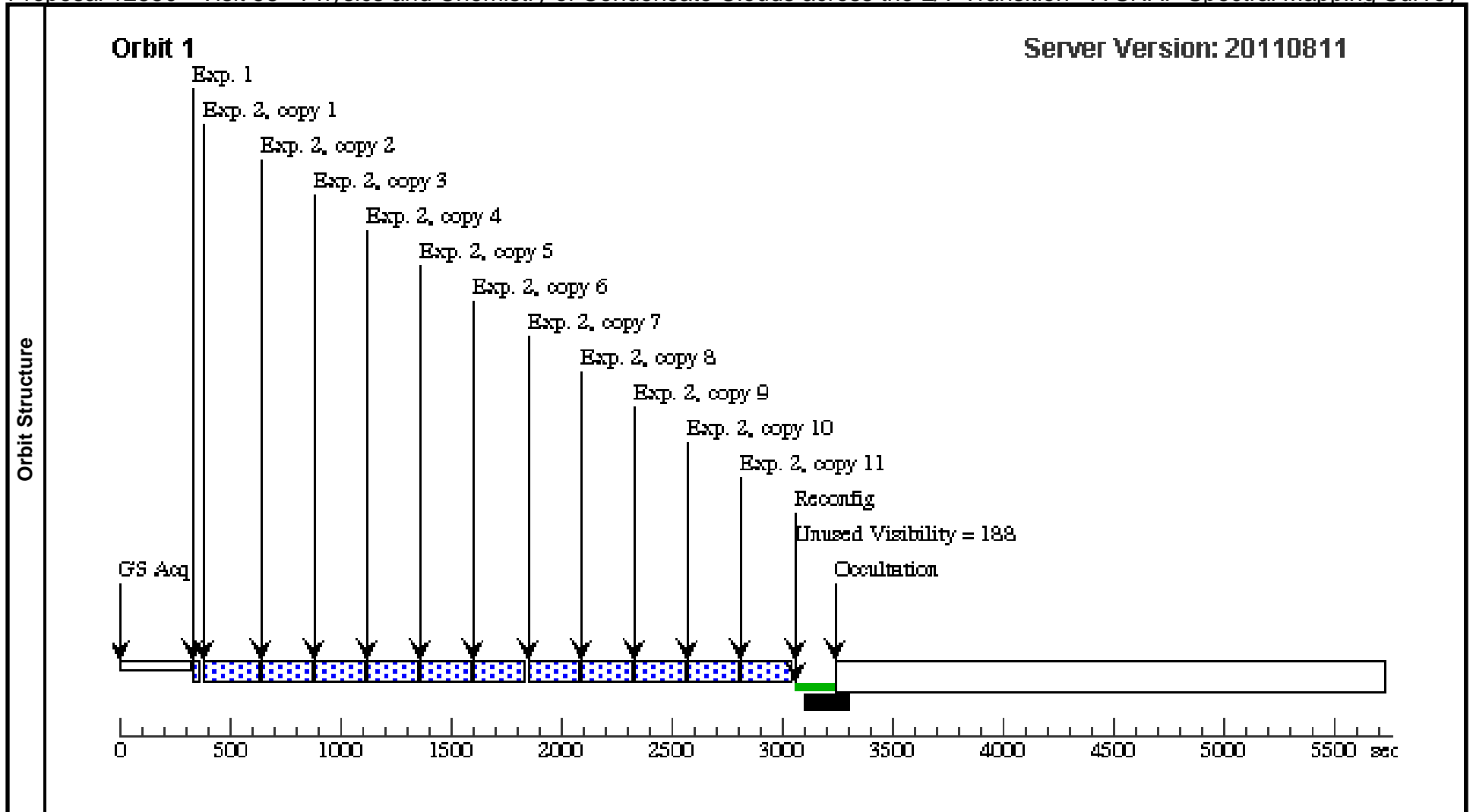
Visit	Proposal 12550, Visit 57, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(57)	SDSSPJ162414.37+002915.6	RA: 16 24 14.3600 (246.0598333d) Dec: +00 29 15.80 (.48772d) Equinox: J2000	Proper Motion RA: -0.373 arcsec/yr Proper Motion Dec: -0.009 arcsec/yr Epoch of Position: 1999.3	V=(?) J=15.494	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(57) SDSSPJ162414.37+002915.6	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(57) SDSSPJ162414.37+002915.6	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[1]
<i>Comments: J=15.49</i>										



Proposal 12550 - Visit 58 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:38 GMT 2011

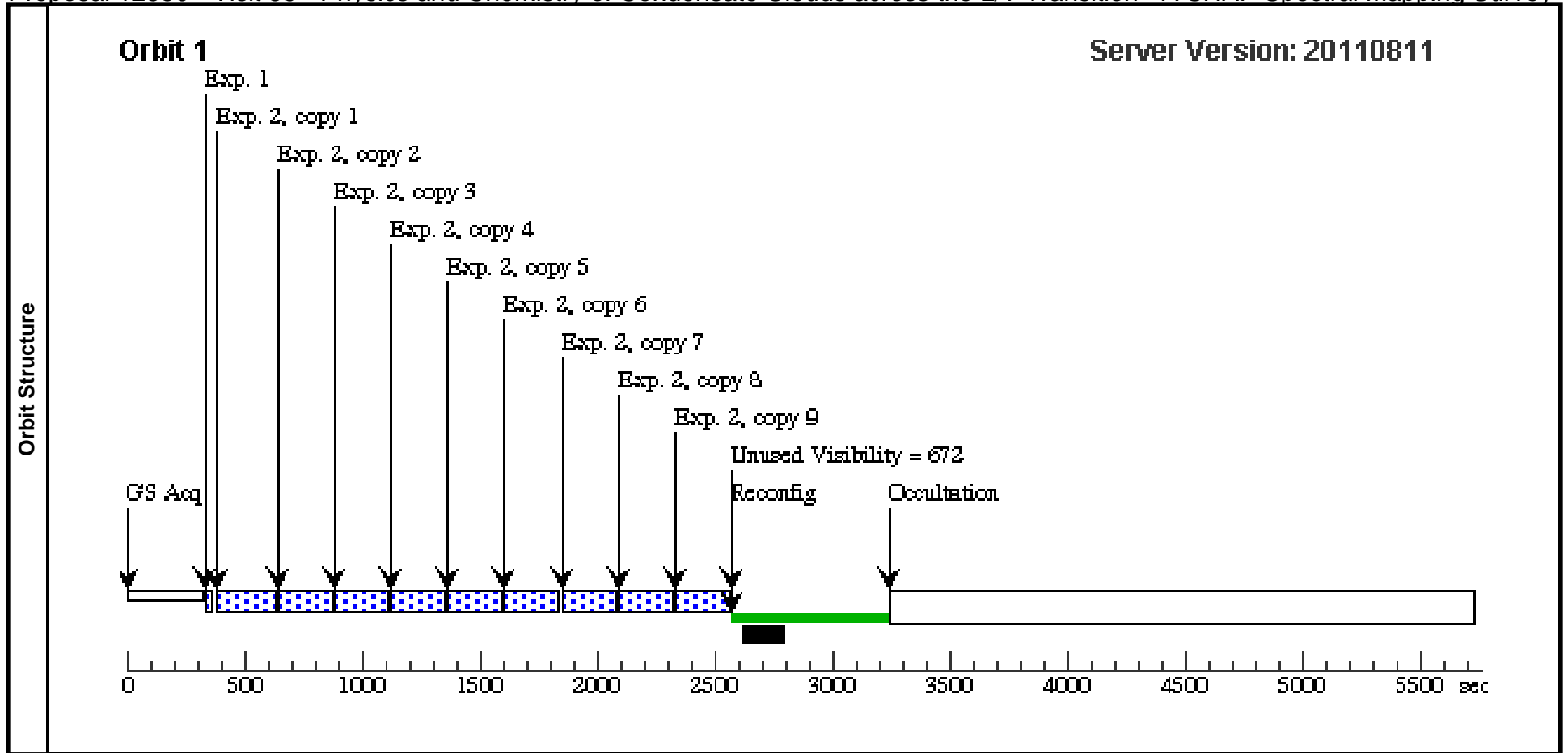
Visit	Proposal 12550, Visit 58, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(58)	2MASSWJ1632291+190441	RA: 16 32 29.1100 (248.1212917d) Dec: +19 04 40.70 (19.07797d) Equinox: J2000	Proper Motion RA: 0.293 arcsec/yr Proper Motion Dec: -0.054 arcsec/yr Epoch of Position: 1997.4	V=(?) J=15.867	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(58) 2MASSWJ1632291+190441	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0			[==>]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
2			(58) 2MASSWJ1632291+190441	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]
<i>Comments: J=15.87</i>										



Proposal 12550 - Visit 59 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:39 GMT 2011

Visit	Proposal 12550, Visit 59, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(59)	2MASSJ1711457+223204	RA: 17 11 45.7300 (257.9405417d) Dec: +22 32 4.40 (22.53456d) Equinox: J2000	Proper Motion RA: 0.031 arcsec/yr Proper Motion Dec: -0.005 arcsec/yr Epoch of Position: 1997.5	V=(?) J=17.089	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(59) 2MASSJ1711457+223204	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
2			(59) 2MASSJ1711457+223204	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[1]
<i>Comments: J=17.089</i>										



Proposal 12550 - Visit 61 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 61, pi Fri Oct 14 01:19:40 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>												
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(61)</td> <td>2MASSJ17502484-0016151</td> <td> RA: 17 50 24.8400 (267.6035000d) Dec: -00 16 15.10 (-.27086d) Equinox: J2000 </td> <td> Proper Motion RA: -0.44 arcsec/yr Proper Motion Dec: 0.218 arcsec/yr Epoch of Position: 1999.2 </td> <td> V=(?) J=13.294 </td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(61)	2MASSJ17502484-0016151	RA: 17 50 24.8400 (267.6035000d) Dec: -00 16 15.10 (-.27086d) Equinox: J2000	Proper Motion RA: -0.44 arcsec/yr Proper Motion Dec: 0.218 arcsec/yr Epoch of Position: 1999.2	V=(?) J=13.294
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(61)	2MASSJ17502484-0016151	RA: 17 50 24.8400 (267.6035000d) Dec: -00 16 15.10 (-.27086d) Equinox: J2000	Proper Motion RA: -0.44 arcsec/yr Proper Motion Dec: 0.218 arcsec/yr Epoch of Position: 1999.2	V=(?) J=13.294	Reference Frame: ICRS								

Proposal 12550 - Visit 61 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(61) 2MASSJ175024 84-0016151	WFC3/IR, MULTIACCUM, GRISM256	F132N	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<p><i>Comments: Direct image in F132N to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i></p>									

Exposures

Proposal 12550 - Visit 61 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

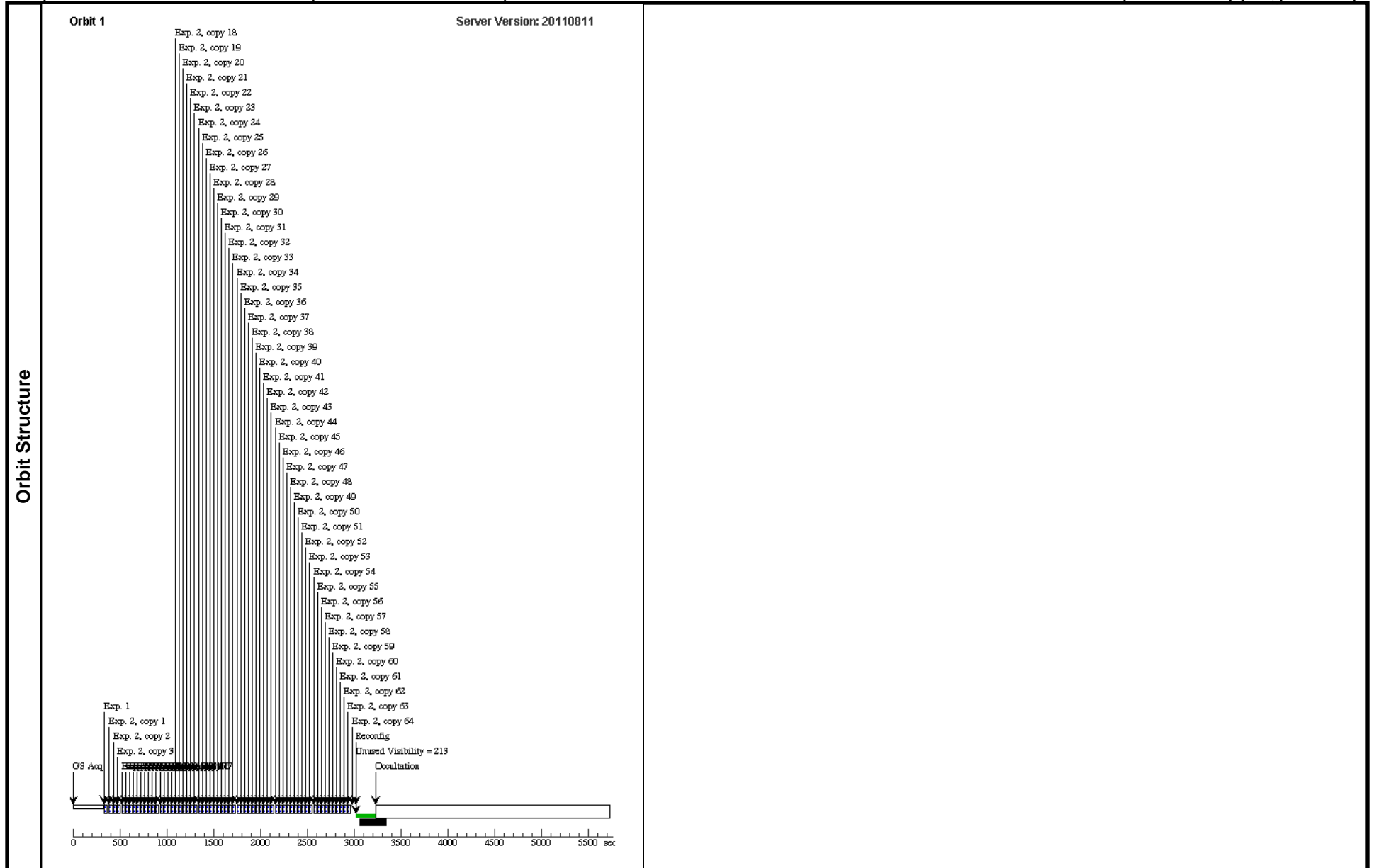
2	(61) 2MASSJ175024 84-0016151	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=2; SAMP-SEQ=SPAR S25	POS TARG 0,0		
---	---------------------------------	----------------------------------	------	----------------------------------	--------------	--	--

[==>(Copy 1)]
[==>(Copy 2)]
[==>(Copy 3)]
[==>(Copy 4)]
[==>(Copy 5)]
[==>(Copy 6)]
[==>(Copy 7)]
[==>(Copy 8)]
[==>(Copy 9)]
[==>(Copy 10)]
[==>(Copy 11)]
[==>(Copy 12)]
[==>(Copy 13)]
[==>(Copy 14)]
[==>(Copy 15)]
[==>(Copy 16)]
[==>(Copy 17)]
[==>(Copy 18)]
[==>(Copy 19)]
[==>(Copy 20)]
[==>(Copy 21)]
[==>(Copy 22)]
[==>(Copy 23)]
[==>(Copy 24)]
[==>(Copy 25)]
[==>(Copy 26)]
[==>(Copy 27)]
[==>(Copy 28)]
[==>(Copy 29)]
[==>(Copy 30)]
[==>(Copy 31)]
[==>(Copy 32)]
[==>(Copy 33)]
[==>(Copy 34)]
[==>(Copy 35)]
[==>(Copy 36)]
[==>(Copy 37)]
[==>(Copy 38)]
[==>(Copy 39)]
[==>(Copy 40)]
[==>(Copy 41)]
[==>(Copy 42)]
[==>(Copy 43)]
[==>(Copy 44)]
[==>(Copy 45)]

[1]

Proposal 12550 - Visit 61 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

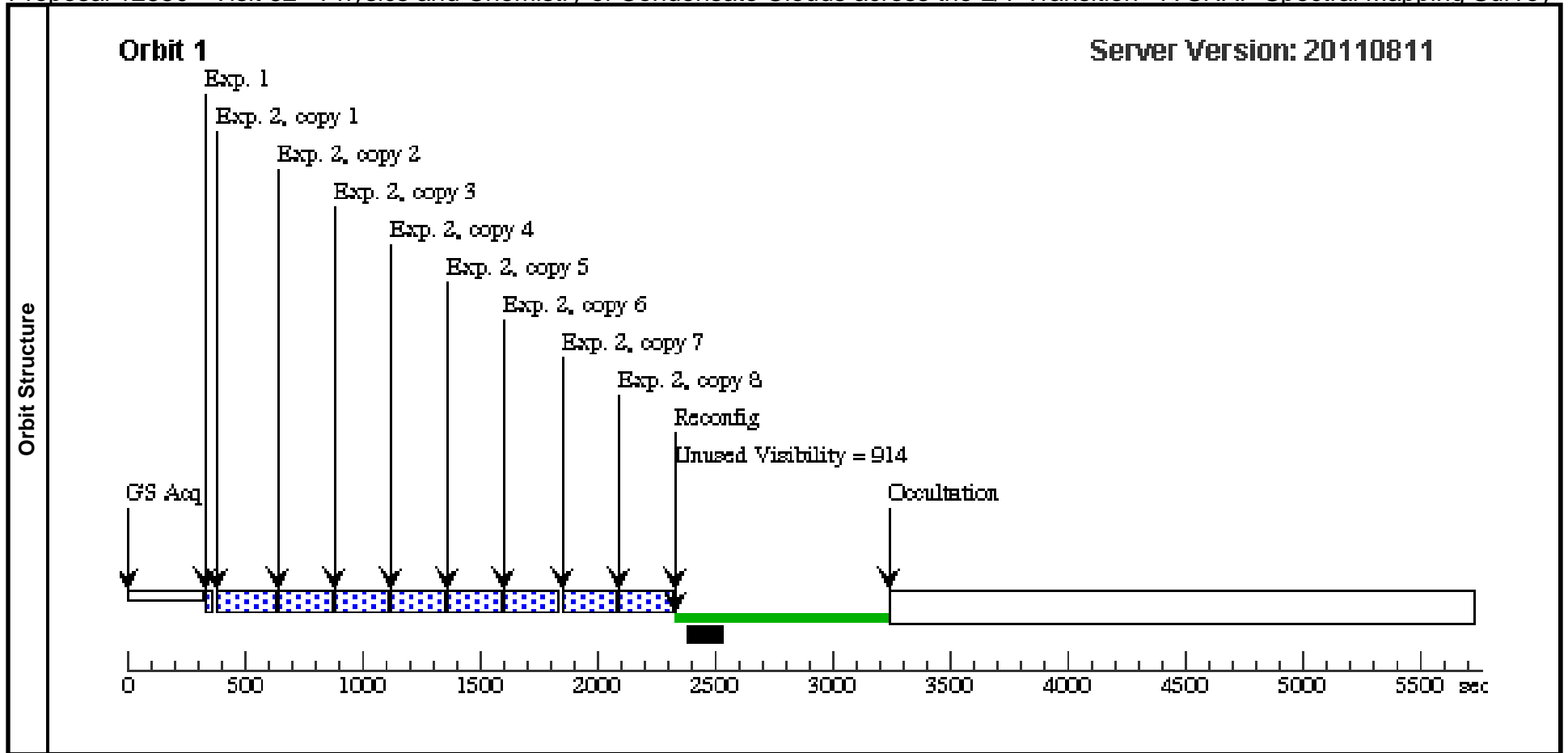
<p><i>Comments: J=13.29</i></p>	<p>[==>(Copy 46)] [==>(Copy 47)] [==>(Copy 48)] [==>(Copy 49)] [==>(Copy 50)] [==>(Copy 51)] [==>(Copy 52)] [==>(Copy 53)] [==>(Copy 54)] [==>(Copy 55)] [==>(Copy 56)] [==>(Copy 57)] [==>(Copy 58)] [==>(Copy 59)] [==>(Copy 60)] [==>(Copy 61)] [==>(Copy 62)] [==>(Copy 63)] [==>(Copy 64)]</p>
---------------------------------	--



Proposal 12550 - Visit 62 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:41 GMT 2011

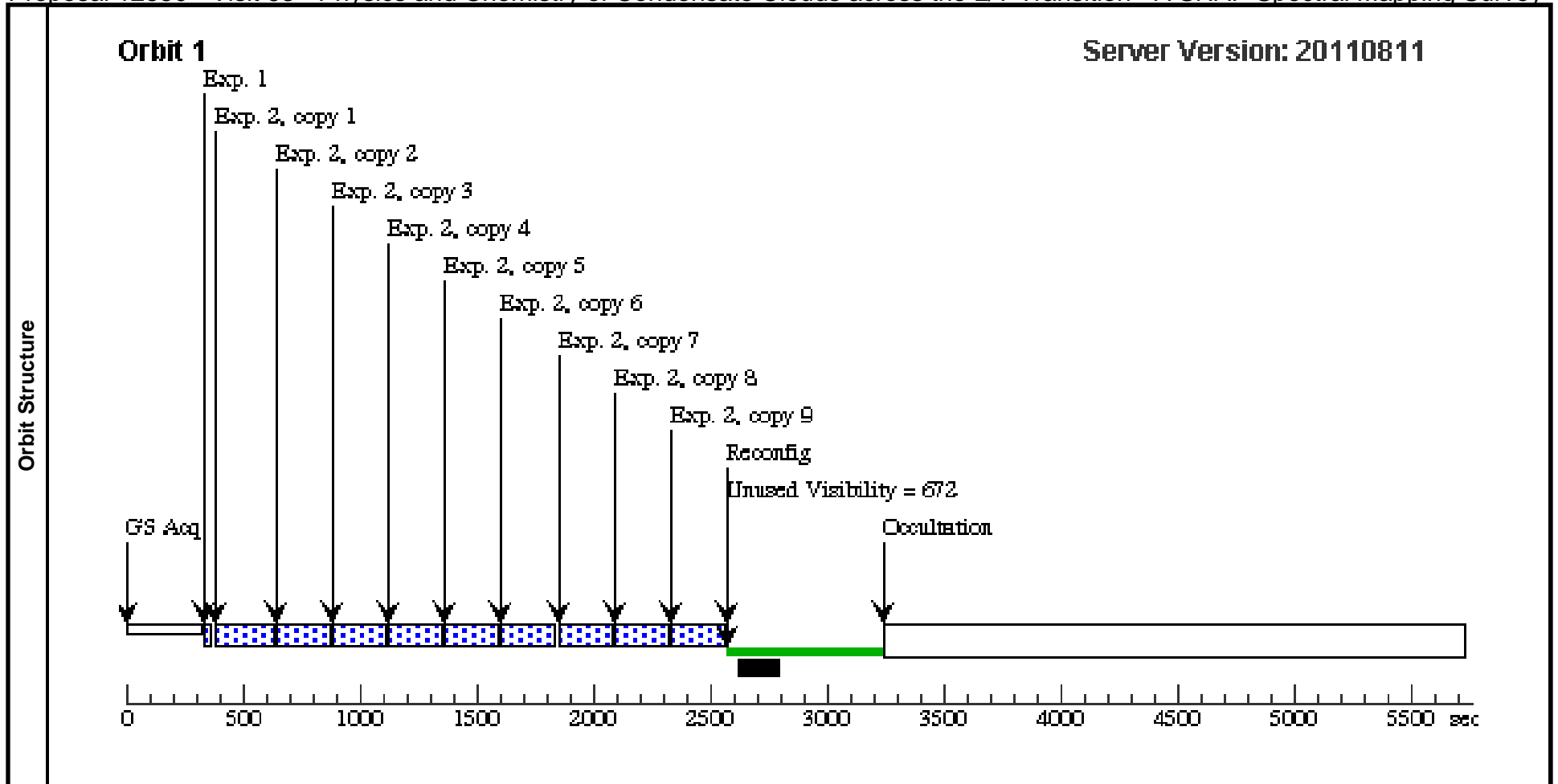
Visit	Proposal 12550, Visit 62, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(62)	SDSSPJ175032.96+175903.9	RA: 17 50 32.9300 (267.6372083d) Dec: +17 59 4.20 (17.98450d) Equinox: J2000	Proper Motion RA: 0.178 arcsec/yr Proper Motion Dec: 0.1 arcsec/yr Epoch of Position: 1999.2	V=(?) J=16.34	Reference Frame: ICRS					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	Direct Image	(62) SDSSPJ175032.96+175903.9	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0			[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>											
2			(62) SDSSPJ175032.96+175903.9	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0			[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
<i>Comments: J=16.34</i>											



Proposal 12550 - Visit 63 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:42 GMT 2011

Visit	Proposal 12550, Visit 63, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(63)	SDSSJ205235.31-160929.8	RA: 20 52 35.1500 (313.1464583d) Dec: -16 09 30.80 (-16.15856d) Equinox: J2000		V=(?) J=16.334	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(63) SDSSJ205235.31-160929.8	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0			[==>]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
2			(63) SDSSJ205235.31-160929.8	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[1]
<i>Comments: J=16.33</i>										



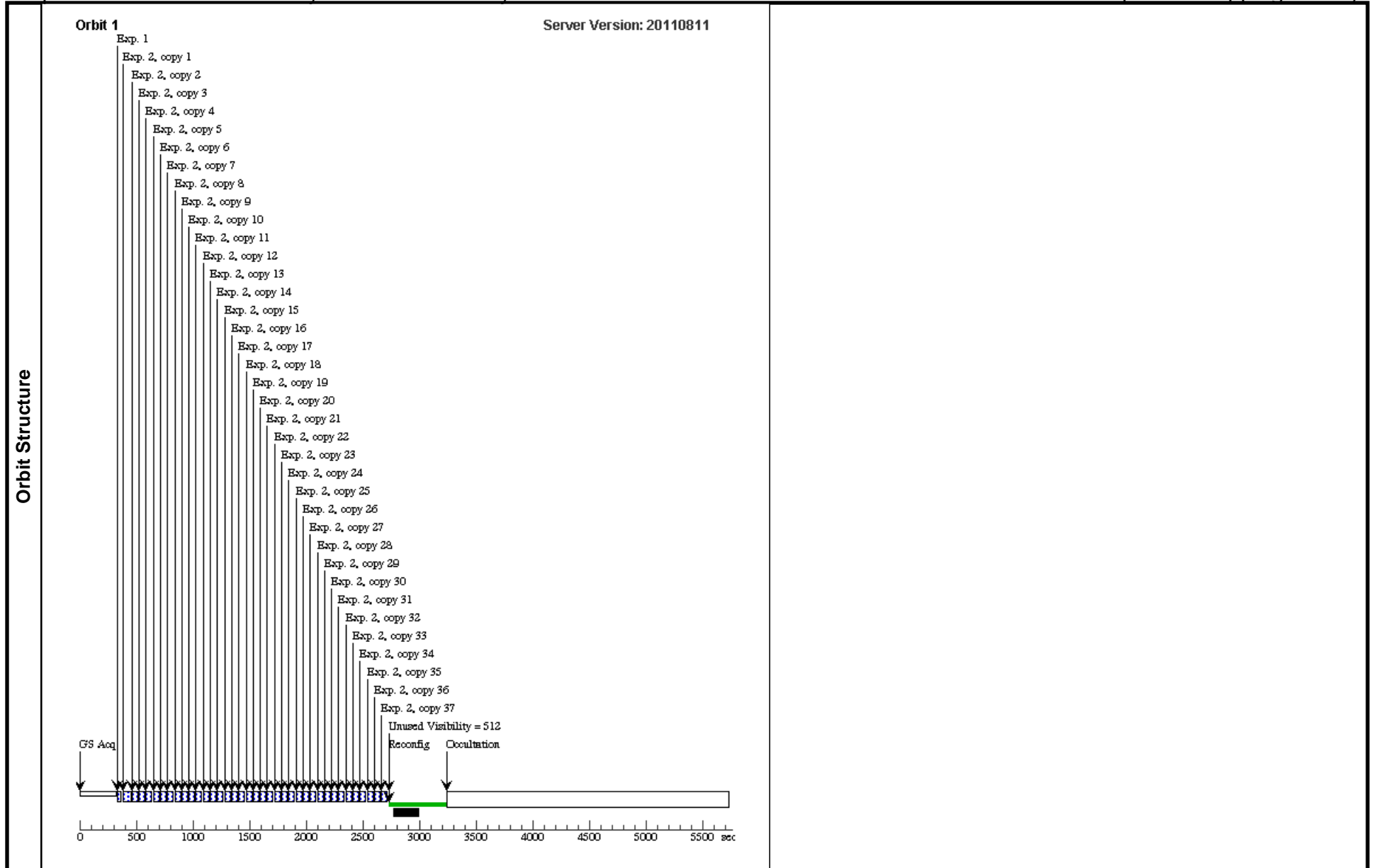
Proposal 12550 - Visit 64 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Visit	Proposal 12550, Visit 64, pi Fri Oct 14 01:19:42 GMT 2011 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(64)	2MASSJ21373742+0808463	RA: 21 37 37.4200 (324.4059167d) Dec: +08 08 46.30 (8.14619d) Equinox: J2000	Proper Motion RA: 0.705 arcsec/yr Proper Motion Dec: 0.102 arcsec/yr Epoch of Position: 2000.5	V=(?) J=14.774	Reference Frame: ICRS

Proposal 12550 - Visit 64 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	Direct Image	(64) 2MASSJ21373742+0808463	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X=29 Y=-145 on the direct image.</i>									
2		(64) 2MASSJ21373742+0808463	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=3; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)] [==>(Copy 20)] [==>(Copy 21)] [==>(Copy 22)] [==>(Copy 23)] [==>(Copy 24)] [==>(Copy 25)] [==>(Copy 26)] [==>(Copy 27)] [==>(Copy 28)] [==>(Copy 29)] [==>(Copy 30)] [==>(Copy 31)] [==>(Copy 32)] [==>(Copy 33)] [==>(Copy 34)] [==>(Copy 35)] [==>(Copy 36)] [==>(Copy 37)]	[1]
<i>Comments: J=14.77</i>									

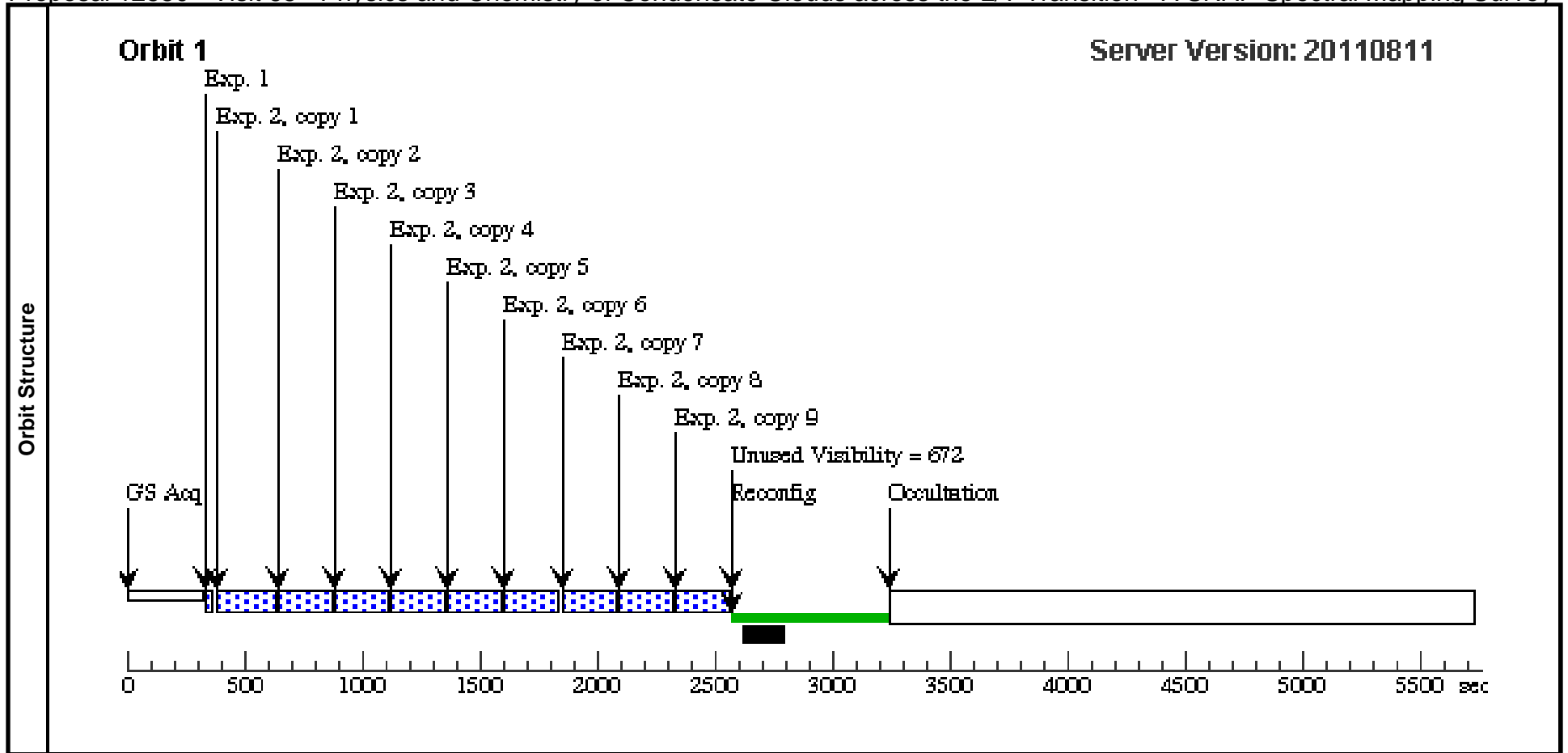
Exposures



Proposal 12550 - Visit 65 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:43 GMT 2011

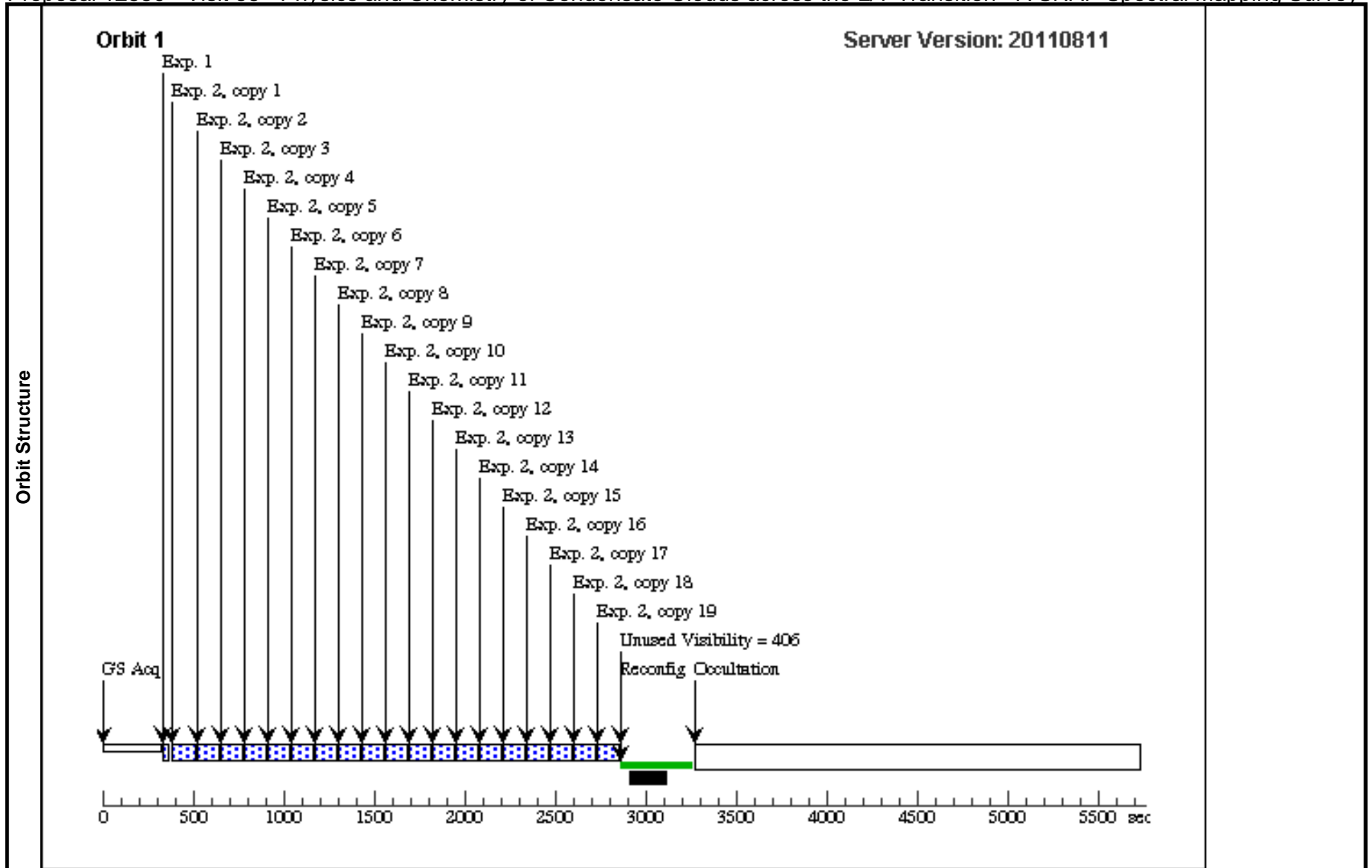
Visit	Proposal 12550, Visit 65, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(65)	2MASSWJ2244316+204343	RA: 22 44 31.6700 (341.1319583d) Dec: +20 43 43.30 (20.72869d) Equinox: J2000	Proper Motion RA: 0.252 arcsec/yr Proper Motion Dec: -0.214 arcsec/yr Epoch of Position: 1997.8	V=(?) J=16.476	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(65) 2MASSWJ2244316+204343	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(65) 2MASSWJ2244316+204343	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[1]
<i>Comments: J=16.47</i>										



Proposal 12550 - Visit 66 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:43 GMT 2011

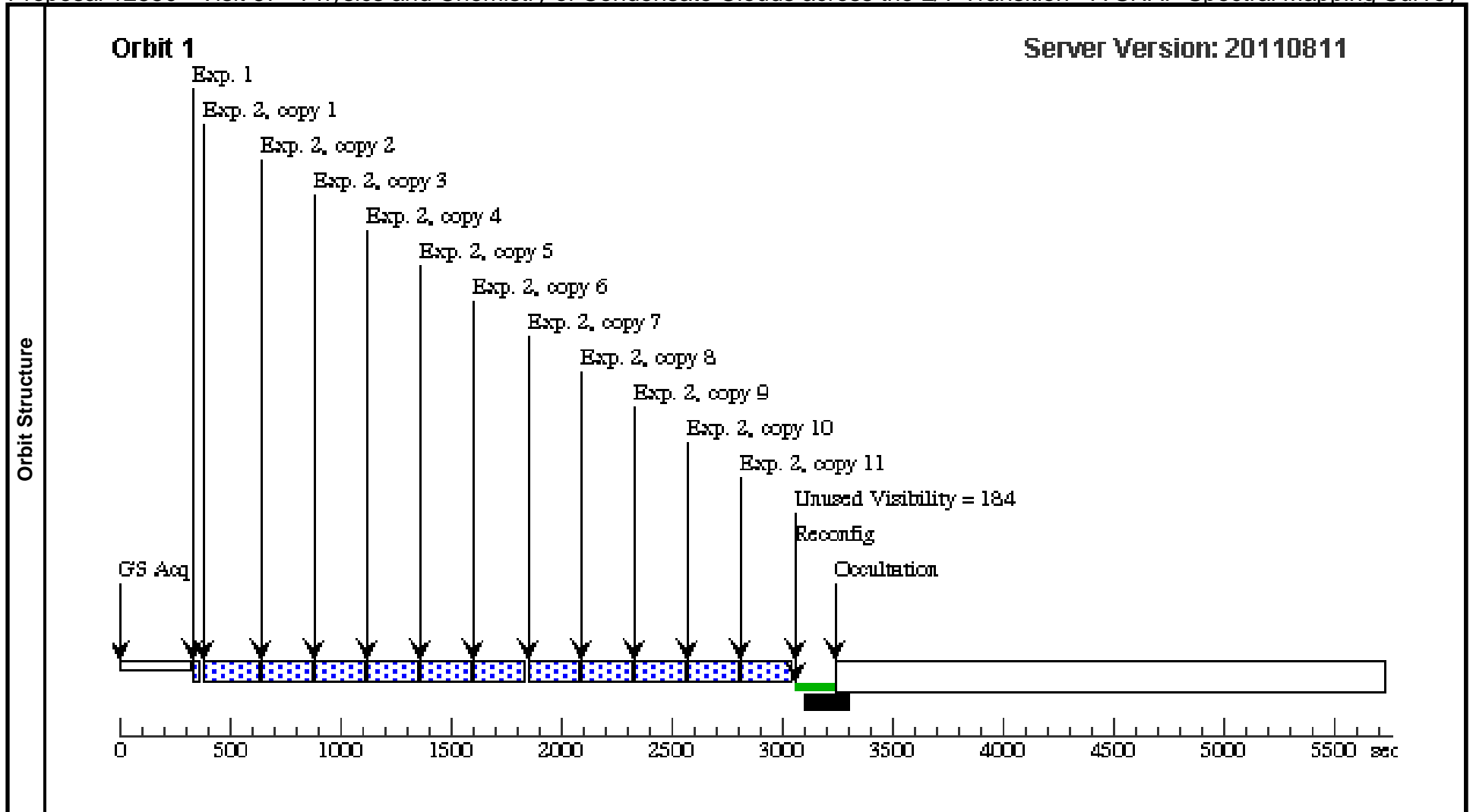
Visit	Proposal 12550, Visit 66, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(66)	2MASSJ2254188+312349	RA: 22 54 18.9200 (343.5788333d) Dec: +31 23 49.80 (31.39717d) Equinox: J2000	Proper Motion RA: 0.068 arcsec/yr Proper Motion Dec: 0.201 arcsec/yr Epoch of Position: 1998.5	V=(?) J=15.262	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(66) 2MASSJ2254188+312349	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
	<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>									
	2		(66) 2MASSJ2254188+312349	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=6; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)] [==>(Copy 18)] [==>(Copy 19)]	[1]
<i>Comments: J=15.26</i>										



Proposal 12550 - Visit 67 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:44 GMT 2011

Visit	Proposal 12550, Visit 67, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(67)	2MASSJ2339101+135230	RA: 23 39 10.2500 (354.7927083d) Dec: +13 52 28.40 (13.87456d) Equinox: J2000	Proper Motion RA: 0.3 arcsec/yr Proper Motion Dec: -0.77 arcsec/yr Epoch of Position: 2000.9	V=(?) J=16.239	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(67) 2MASSJ2339101+135230	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>										
	2		(67) 2MASSJ2339101+135230	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]
<i>Comments: J=16.23</i>										



Proposal 12550 - Visit 68 - Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey

Fri Oct 14 01:19:44 GMT 2011

Visit	Proposal 12550, Visit 68, pi Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE <i>Comments: This single-orbit visit obtains a short, direct image of the target followed by a series of G141 exposures.</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(68)	2MASSJ2356547-155310	RA: 23 56 54.7700 (359.2282083d) Dec: -15 53 11.10 (-15.88642d) Equinox: J2000	Proper Motion RA: -0.443 arcsec/yr Proper Motion Dec: -0.6 arcsec/yr Epoch of Position: 1998.5	V=(?) J=15.824	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	Direct Image	(68) 2MASSJ2356547-155310	WFC3/IR, MULTIACCUM, GRISM256	F127M	SAMP-SEQ=SPARS 10; NSAMP=2	POS TARG 0,0		[==>]	[1]
	<i>Comments: Direct image in F127M to help wavelength calibration. Using the same APERTUR as for the G141 exposures. Will place the target at X~29 Y~145 on the direct image.</i>									
	2		(68) 2MASSJ2356547-155310	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=11; SAMP-SEQ=SPAR S25	POS TARG 0,0		[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)]	[1]
<i>Comments: J=15.82</i>										

