



14767 - The Panchromatic Comparative Exoplanetary Treasury Program

Cycle: 24, Proposal Category: GO

(UV Initiative, Treasury, JWST Initiative)

(Availability Mode: AVAILABLE)

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VISITS

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
01	(1) HD-97658	COS/FUV COS/NUV	5	05-Jun-2019 11:01:40.0	yes
02	(1) HD-97658	COS/FUV COS/NUV	5	05-Jun-2019 11:01:42.0	yes
03	(1) HD-97658	COS/FUV COS/NUV	5	05-Jun-2019 11:01:43.0	yes
04	(2) GJ-3470 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:01:46.0	yes
05	(2) GJ-3470 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:01:49.0	yes
06	(2) GJ-3470 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:01:53.0	yes
07	(2) GJ-3470	COS/FUV COS/NUV	5	05-Jun-2019 11:01:55.0	yes
08	(2) GJ-3470	COS/FUV COS/NUV	5	05-Jun-2019 11:01:56.0	yes
09	(2) GJ-3470	COS/FUV COS/NUV	5	05-Jun-2019 11:01:58.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
10	(3) GJ-436	COS/FUV COS/NUV	5	05-Jun-2019 11:01:59.0	yes
11	(3) GJ-436	COS/FUV COS/NUV	5	05-Jun-2019 11:02:01.0	yes
12	(3) GJ-436	COS/FUV COS/NUV	5	05-Jun-2019 11:02:02.0	yes
G2	(3) GJ-436	COS/FUV COS/NUV	5	05-Jun-2019 11:02:04.0	yes
13	(4) HAT-P-26 WAVE	STIS/CCD	5	05-Jun-2019 11:02:08.0	yes
14	(4) HAT-P-26 WAVE	STIS/CCD	5	05-Jun-2019 11:02:13.0	yes
15	(5) HAT-P-11 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:02:17.0	yes
16	(5) HAT-P-11 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:02:19.0	yes
17	(5) HAT-P-11	COS/FUV COS/NUV	5	05-Jun-2019 11:02:21.0	yes
H1	(5) HAT-P-11	COS/FUV COS/NUV	5	05-Jun-2019 11:02:23.0	yes
18	(5) HAT-P-11	COS/FUV COS/NUV	5	05-Jun-2019 11:02:25.0	yes
19	(5) HAT-P-11 WAVE	STIS/CCD	5	05-Jun-2019 11:02:33.0	yes
20	(5) HAT-P-11 WAVE	STIS/CCD	5	05-Jun-2019 11:02:44.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
21	(5) HAT-P-11 CCDFLAT NONE WAVE	STIS/CCD	5	05-Jun-2019 11:02:54.0	yes
22	(6) WASP-29 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:02:59.0	yes
23	(6) WASP-29 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:03:02.0	yes
24	(6) WASP-29 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:03:05.0	yes
25	(6) WASP-29	COS/FUV COS/NUV	5	05-Jun-2019 11:03:06.0	yes
26	(6) WASP-29	COS/FUV COS/NUV	5	05-Jun-2019 11:03:08.0	yes
27	(6) WASP-29	COS/FUV COS/NUV	5	05-Jun-2019 11:03:09.0	yes
28	(6) WASP-29 WAVE	STIS/CCD	5	05-Jun-2019 11:03:13.0	yes
29	(6) WASP-29 WAVE	STIS/CCD	5	05-Jun-2019 11:03:18.0	yes
30	(6) WASP-29 CCDFLAT NONE WAVE	STIS/CCD	5	05-Jun-2019 11:03:23.0	yes
31	(7) WASP-69 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:03:27.0	yes
W1	(7) WASP-69 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:03:30.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
32	(7) WASP-69 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:03:33.0	yes
W2	(7) WASP-69 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:03:36.0	yes
33	(7) WASP-69 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:03:39.0	yes
W3	(7) WASP-69 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:03:42.0	yes
34	(7) WASP-69	COS/FUV COS/NUV	5	05-Jun-2019 11:03:44.0	yes
35	(7) WASP-69	COS/FUV COS/NUV	5	05-Jun-2019 11:03:45.0	yes
36	(7) WASP-69	COS/FUV COS/NUV	5	05-Jun-2019 11:03:47.0	yes
37	(7) WASP-69 WAVE	STIS/CCD	4	05-Jun-2019 11:03:51.0	yes
38	(7) WASP-69 WAVE	STIS/CCD	4	05-Jun-2019 11:03:56.0	yes
39	(7) WASP-69 CCDFLAT NONE WAVE	STIS/CCD	4	05-Jun-2019 11:04:02.0	yes
40	(8) WASP-80 WAVE	STIS/CCD	5	05-Jun-2019 11:04:08.0	yes
41	(8) WASP-80 WAVE	STIS/CCD	4	05-Jun-2019 11:04:12.0	yes
42	(8) WASP-80 CCDFLAT NONE WAVE	STIS/CCD	5	05-Jun-2019 11:04:17.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
43	(8) WASP-80 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:04:21.0	yes
44	(8) WASP-80 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:04:24.0	yes
W4	(8) WASP-80 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:04:27.0	yes
45	(8) WASP-80 WAVE	STIS/CCD STIS/FUV-MAMA	5	05-Jun-2019 11:04:29.0	yes
46	(8) WASP-80	COS/FUV COS/NUV	5	05-Jun-2019 11:04:32.0	yes
47	(8) WASP-80	COS/FUV COS/NUV	5	05-Jun-2019 11:04:33.0	yes
48	(8) WASP-80	COS/FUV COS/NUV	5	05-Jun-2019 11:04:34.0	yes
W8	(8) WASP-80	COS/FUV COS/NUV	5	05-Jun-2019 11:04:35.0	yes
49	(9) WASP-6	WFC3/IR	5	05-Jun-2019 11:04:45.0	yes
50	(10) HD-189733	COS/FUV COS/NUV	5	05-Jun-2019 11:04:48.0	yes
51	(10) HD-189733	COS/FUV COS/NUV	5	05-Jun-2019 11:04:50.0	yes
52	(11) WASP-52 WAVE	STIS/CCD	4	05-Jun-2019 11:04:53.0	yes
53	(11) WASP-52 WAVE	STIS/CCD	4	05-Jun-2019 11:04:57.0	yes
54	(11) WASP-52 CCDFLAT NONE WAVE	STIS/CCD	4	05-Jun-2019 11:05:01.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
55	(12) WASP-62	STIS/CCD STIS/NUV-MAMA	5	05-Jun-2019 11:05:04.0	yes
56	(12) WASP-62	STIS/CCD STIS/NUV-MAMA	5	05-Jun-2019 11:05:07.0	yes
57	(12) WASP-62 WAVE	STIS/CCD	5	05-Jun-2019 11:05:11.0	yes
58	(12) WASP-62 WAVE	STIS/CCD	5	05-Jun-2019 11:05:16.0	yes
59	(12) WASP-62 CCDFLAT NONE WAVE	STIS/CCD	5	05-Jun-2019 11:05:24.0	yes
60	(12) WASP-62	WFC3/IR	5	05-Jun-2019 11:05:37.0	yes
61	(13) WASP-101 WAVE	STIS/CCD	5	05-Jun-2019 11:05:43.0	yes
62	(13) WASP-101 WAVE	STIS/CCD	5	05-Jun-2019 11:05:47.0	yes
63	(13) WASP-101 CCDFLAT NONE WAVE	STIS/CCD	5	05-Jun-2019 11:05:56.0	yes
64	(13) WASP-101	WFC3/IR	5	05-Jun-2019 11:06:08.0	yes
65	(14) WASP-79	STIS/CCD STIS/NUV-MAMA	5	05-Jun-2019 11:06:12.0	yes
66	(14) WASP-79	STIS/CCD STIS/NUV-MAMA	5	05-Jun-2019 11:06:15.0	yes
67	(14) WASP-79 WAVE	STIS/CCD	5	05-Jun-2019 11:06:20.0	yes
68	(14) WASP-79 WAVE	STIS/CCD	5	05-Jun-2019 11:06:27.0	yes

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69	(14) WASP-79 CCDFLAT NONE WAVE	STIS/CCD	5	05-Jun-2019 11:06:37.0	yes
70	(14) WASP-79	WFC3/IR	5	05-Jun-2019 11:06:50.0	yes
71	(14) WASP-79	WFC3/IR	5	05-Jun-2019 11:07:02.0	yes
72	(15) HAT-P-32 WAVE	STIS/CCD	5	05-Jun-2019 11:07:08.0	yes
73	(15) HAT-P-32 WAVE	STIS/CCD	5	05-Jun-2019 11:07:12.0	yes
74	(15) HAT-P-32 CCDFLAT NONE WAVE	STIS/CCD	5	05-Jun-2019 11:07:18.0	yes
75	(15) HAT-P-32	WFC3/IR	5	05-Jun-2019 11:07:43.0	yes
76	(16) WASP-74 WAVE	STIS/CCD	4	05-Jun-2019 11:07:52.0	yes
77	(16) WASP-74 WAVE	STIS/CCD	4	05-Jun-2019 11:07:59.0	yes
78	(16) WASP-74 CCDFLAT NONE WAVE	STIS/CCD	4	05-Jun-2019 11:08:07.0	yes
81	(17) HAT-P-41	STIS/CCD STIS/NUV-MAMA	5	05-Jun-2019 11:08:10.0	yes
82	(17) HAT-P-41	STIS/CCD STIS/NUV-MAMA	5	05-Jun-2019 11:08:13.0	yes
83	(17) HAT-P-41 WAVE	STIS/CCD	5	05-Jun-2019 11:08:17.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
84	(17) HAT-P-41 WAVE	STIS/CCD	5	05-Jun-2019 11:08:21.0	yes
85	(17) HAT-P-41 CCDFLAT NONE WAVE	STIS/CCD	5	05-Jun-2019 11:08:27.0	yes
H5	(17) HAT-P-41 CCDFLAT NONE WAVE	STIS/CCD	5	05-Jun-2019 11:08:32.0	yes
86	(17) HAT-P-41	WFC3/IR	5	05-Jun-2019 11:08:57.0	yes
87	(17) HAT-P-41	WFC3/IR	5	05-Jun-2019 11:09:25.0	yes
88	(18) KELT-7 WAVE	STIS/CCD	5	05-Jun-2019 11:09:41.0	yes
K8	(18) KELT-7 WAVE	STIS/CCD	5	05-Jun-2019 11:09:54.0	yes
89	(18) KELT-7 WAVE	STIS/CCD	5	05-Jun-2019 11:10:07.0	yes
90	(18) KELT-7 CCDFLAT NONE WAVE	STIS/CCD	5	05-Jun-2019 11:10:28.0	yes
91	(18) KELT-7	WFC3/IR	5	05-Jun-2019 11:11:25.0	yes
92	(18) KELT-7	WFC3/IR	5	05-Jun-2019 11:12:26.0	yes
93	(19) WASP-76 WAVE	STIS/CCD	5	05-Jun-2019 11:12:43.0	yes
94	(19) WASP-76 WAVE	STIS/CCD	5	05-Jun-2019 11:12:53.0	yes
79	(16) WASP-74	WFC3/IR	4	05-Jun-2019 11:13:11.0	yes
80	(16) WASP-74	WFC3/IR	4	05-Jun-2019 11:13:28.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
95	(19) WASP-76 CCDFLAT NONE WAVE	STIS/CCD	5	05-Jun-2019 11:13:40.0	yes
96	(19) WASP-76	WFC3/IR	5	05-Jun-2019 11:14:07.0	yes
97	(20) WASP-121	STIS/CCD STIS/NUV-MAMA	5	05-Jun-2019 11:14:12.0	yes
98	(20) WASP-121	STIS/CCD STIS/NUV-MAMA	5	05-Jun-2019 11:14:14.0	yes
99	(20) WASP-121 WAVE	STIS/CCD	5	05-Jun-2019 11:14:18.0	yes
A1	(20) WASP-121 WAVE	STIS/CCD	5	05-Jun-2019 11:14:23.0	yes
A2	(20) WASP-121 CCDFLAT NONE WAVE	STIS/CCD	5	05-Jun-2019 11:14:31.0	yes
A3	(20) WASP-121	WFC3/IR	5	05-Jun-2019 11:14:53.0	yes

543 Total Orbits Used

ABSTRACT

HST has played the definitive role in the characterization of exoplanets and from the first planets available, we have learned that their atmospheres are incredibly diverse. The large number of transiting planets now available has prompted a new era of atmospheric studies, where wide scale comparative planetology is now possible. The atmospheric chemistry of cloud/haze formation and atmospheric mass-loss are a major outstanding issues in the field of exoplanets, and we seek to make progress gaining insight into their underlying physical process through comparative studies. Here we propose to use Hubble's full spectroscopic capabilities to produce the first large-scale, simultaneous UVOIR comparative study of exoplanets. With full wavelength coverage, an entire planet's atmosphere can be probed simultaneously and with sufficient numbers of planets, we can statistically compare their features with physical parameters for the first time. This panchromatic program will build a lasting HST legacy, providing the UV and blue-optical spectra unavailable to JWST. From these observations, chemistry over a wide range of physical environments will

be probed, from the hottest condensates to much cooler planets where photochemical hazes could be present. Constraints on aerosol size and composition will help unlock our understanding of clouds and how they are suspended at such high altitudes. Notably, there have been no large transiting UV HST programs, and this panchromatic program will provide a fundamental legacy contribution to atmospheric escape of small exoplanets, where the mass loss can be significant and have a major impact on the evolution of the planet itself.

OBSERVING DESCRIPTION

All observations (STIS, COS, WFC3) observe an exoplanet transit or eclipse event. The spirit of exoplanet transit/eclipse observations is to attempt to gather as many spectra as possible before, during, and after a transit event with each image as identical as possible. As a transit observation consists of measuring a differential drop in stellar flux during the event, identical exposures are resistant to uncertainties in flat-fielding and very high photometric precisions are achievable. The optical STIS and near-infrared WFC3 observations require 4 or 5 orbit visits, as the baseline stellar flux and instrument systematics need to be measured before and after the transit/eclipse event, with the transit/eclipse event taking between one and two orbits and is phase constrained to occur mid-way through the visit.

The FUV transits require 5 HST orbits to sample the extended, escaping upper atmospheres of the exoplanets. We also need to characterize the stellar lines before and/or after transit so we can evaluate the planetary absorption of these lines. This has been demonstrated by previous hot-Jupiter observations, together with the recent 5-orbit discovery of a very extended hydrogen atmosphere on GJ 436b. The escaping cometary tail on this planet was so extended that only one pre-transit orbit sampled the star alone.

STIS

Our strategy with the STIS G430L and G750L is to replicate the observing strategy we have developed with GO programs 14110, 12473, 11572, 11117, 13006, 11740 where repeatable near-photon limited spectrophotometric precisions of ~20 parts per million have been routinely obtained. Utilizing the photometric 52"x2" slit minimizes slit losses and telescope breathing, which increases the photometric precision. In addition, as in the past programs we keep the instrument settings identical throughout the entire visit during the transit observations. Available mode (wavecal=no) was enabled to increase the duty cycle of the STIS observations and prevent auto-wave calibration from disrupting the transit time sequence in the STIS visit, and preventing instrument setting changes. In addition, we keep an identical setup for the entire visit and do not switch between any settings to further prevent instrument-induced systematic errors in the photometric time series observations. During Earth occultation in the last orbit (after the transit data has been taken) the wavelength and flat fielding exposures are performed, a strategy successfully used in the past HST programs (14110, 12473, 11572, 11117, 13006, 11740). A single wavecal (using the 52"x0.2" slit) at the end of the sequence is sufficient for calibrating the spectra for

the whole visit, as we find from cross-correlation (GO 12473) of the stellar spectra (taken using the 52"x2" slit) that the shifts are repeatably no more than 0.015 to 0.02 pixels on average during a 5 orbit visit.

COS

We must use COS G130M (1291) with a single FP-POS (and single CENWAVE) for the full visit in order keep a consistent zero wavelength (and dispersion). The S/N of the stellar lines will not be large enough to adequately correlate and co-add exposures of different FP-POSs. This was demonstrated with analysis of archival data of HD 209458 taken with multiple FP-POSs (Ballester & Ben-Jaffel, ApJ, 2015). As indicated in the Phase 1 proposal, a single FP-POS is required for reliable zero wavelength and line-shape measurements of the stellar lines and of the planet transit line absorption, in order to determine the Doppler shifts and linewidths of the planetary signature indicative of global motions and velocity/energy profiles of the upper atmosphere. As indicated in the COS IHB for Cycle 24, end of Sec. 5.8, to compensate for the health of the instrument we have balanced the total of the FP-POS values across all the COS visits of the program: HD97658 (1,2,4), GJ-3470 (1,3,4), GJ-436 (2,3,4), HAT-P-11 (2,4), Wasp-29 (1,2,3), Wasp-69 (1,2,3), Wasp-80 (2,3,4), and HD189733 (1,3).

WFC3

We will cover wavelengths between 1.1-1.7 um, adopting the same strategy as in our programs GO-12473 and GO-12956, using spatial scanning mode to dramatically decrease the overheads, and vastly increase the S/N per exposure. We have included orient range restrictions, where necessary, to prevent nearby stellar spectra from overlapping with the target.

Proposal 14767 - HD-97658 COS/G130M x1 (01) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HD-97658 COS/G130M x1 (01), completed	Wed Jun 05 15:14:57 GMT 2019
	Diagnostic Status: Error	
	Scientific Instruments: COS/FUV, COS/NUV	
	Special Requirements: SCHED 100%; Period 9.4892953208 D AND ZERO-PHASE HJD2456779.3361059809	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - HD-97658 COS/G130M x1 (01) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics	(HD-97658 COS/G130M Orbit 1 (01.002)) Error (Form): 1 is not a valid selection
	(HD-97658 COS/G130M Orbit 1 (01.002)) Error (Form): 1 is not a valid selection
	(HD-97658 COS/G130M Orbit 1 (01.002)) Error (Form): BOTH is not a valid selection
	(HD-97658 COS/G130M Orbit 1 (01.002)) Error (Form): BOTH is not a valid selection
	(HD-97658 COS/G130M Orbit 1 (01.002)) Error (Form): Illegal selection: 1291.
	(HD-97658 COS/G130M Orbit 1 (01.002)) Error (Form): LIFETIME-POS is a required field.
	(HD-97658 COS/G130M Orbit 1 (01.002)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HD-97658 COS/G130M Orbit 1 (01.002)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=1. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD-97658 COS/G130M Orbit 1 (01.002)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD-97658 COS/G130M Orbit 1 (01.002)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD 97658 COS/G130M Orbit 2 (01.003)) Error (Form): 1 is not a valid selection
	(HD 97658 COS/G130M Orbit 2 (01.003)) Error (Form): 1 is not a valid selection
	(HD 97658 COS/G130M Orbit 2 (01.003)) Error (Form): BOTH is not a valid selection
	(HD 97658 COS/G130M Orbit 2 (01.003)) Error (Form): BOTH is not a valid selection
	(HD 97658 COS/G130M Orbit 2 (01.003)) Error (Form): Illegal selection: 1291.
	(HD 97658 COS/G130M Orbit 2 (01.003)) Error (Form): LIFETIME-POS is a required field.
	(HD 97658 COS/G130M Orbit 2 (01.003)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HD 97658 COS/G130M Orbit 2 (01.003)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=1. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD 97658 COS/G130M Orbit 2 (01.003)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD 97658 COS/G130M Orbit 2 (01.003)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD 97658 COS/G130M Orbit 3 (01.004)) Error (Form): 1 is not a valid selection
	(HD 97658 COS/G130M Orbit 3 (01.004)) Error (Form): 1 is not a valid selection
	(HD 97658 COS/G130M Orbit 3 (01.004)) Error (Form): BOTH is not a valid selection
	(HD 97658 COS/G130M Orbit 3 (01.004)) Error (Form): BOTH is not a valid selection
	(HD 97658 COS/G130M Orbit 3 (01.004)) Error (Form): Illegal selection: 1291.
	(HD 97658 COS/G130M Orbit 3 (01.004)) Error (Form): LIFETIME-POS is a required field.
	(HD 97658 COS/G130M Orbit 3 (01.004)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HD 97658 COS/G130M Orbit 3 (01.004)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=1. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD 97658 COS/G130M Orbit 3 (01.004)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD 97658 COS/G130M Orbit 3 (01.004)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD 97658 COS/G130M Orbit 4 (01.005)) Error (Form): 1 is not a valid selection
	(HD 97658 COS/G130M Orbit 4 (01.005)) Error (Form): 1 is not a valid selection
	(HD 97658 COS/G130M Orbit 4 (01.005)) Error (Form): BOTH is not a valid selection
	(HD 97658 COS/G130M Orbit 4 (01.005)) Error (Form): BOTH is not a valid selection
	(HD 97658 COS/G130M Orbit 4 (01.005)) Error (Form): Illegal selection: 1291.
	(HD 97658 COS/G130M Orbit 4 (01.005)) Error (Form): LIFETIME-POS is a required field.
	(HD 97658 COS/G130M Orbit 4 (01.005)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HD 97658 COS/G130M Orbit 4 (01.005)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=1. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null

Proposal 14767 - HD-97658 COS/G130M x1 (01) - The Panchromatic Comparative Exoplanetary Treasury Program

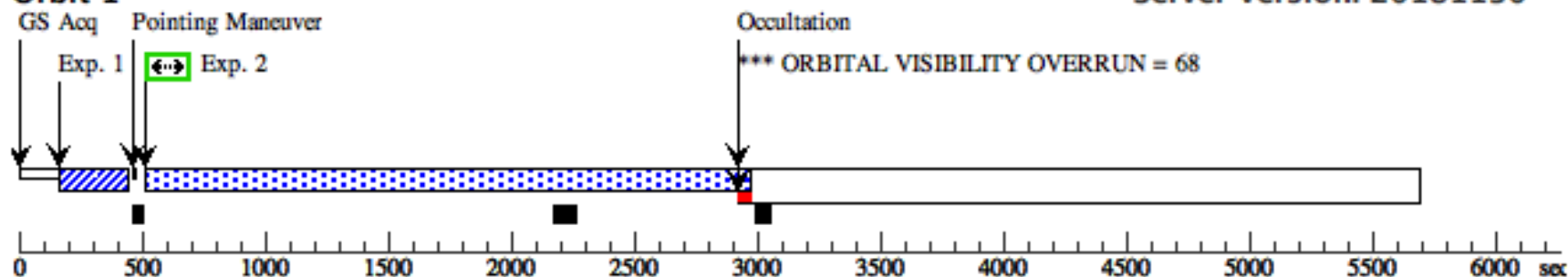
(HD 97658 COS/G130M Orbit 4 (01.005)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD 97658 COS/G130M Orbit 4 (01.005)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD 97658 COS/G130M Orbit 5 (01.006)) Error (Form): 1 is not a valid selection (HD 97658 COS/G130M Orbit 5 (01.006)) Error (Form): 1 is not a valid selection (HD 97658 COS/G130M Orbit 5 (01.006)) Error (Form): BOTH is not a valid selection (HD 97658 COS/G130M Orbit 5 (01.006)) Error (Form): BOTH is not a valid selection (HD 97658 COS/G130M Orbit 5 (01.006)) Error (Form): Illegal selection: 1291. (HD 97658 COS/G130M Orbit 5 (01.006)) Error (Form): LIFETIME-POS is a required field. (HD 97658 COS/G130M Orbit 5 (01.006)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HD 97658 COS/G130M Orbit 5 (01.006)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=1. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD 97658 COS/G130M Orbit 5 (01.006)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD 97658 COS/G130M Orbit 5 (01.006)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD-97658 COS/G130M x1 (01)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (HD-97658 COS/G130M x1 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-97658 COS/G130M x1 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-97658 COS/G130M x1 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-97658 COS/G130M x1 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-97658 COS/G130M x1 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-97658	RA: 11 14 33.1619 (168.6381746d) Dec: +25 42 37.39 (25.71039d) Equinox: J2000	Proper Motion RA: -106.48 mas/yr Proper Motion Dec: 48.82 mas/yr Epoch of Position: 2000	V=7.714	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]					
	Extended=NO					

Proposal 14767 - HD-97658 COS/G130M x1 (01) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (COS.ta.833 734)	(1) HD-97658	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		PHASE 0.9790 TO 0 .9825	Sequence 1-2 Non-In t in HD-97658 COS/ G130M x1 (01)	28 Secs (28 Secs) [==>]	
	2	HD-97658 C OS/G130M Orbit 1 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1		Sequence 1-2 Non-In t in HD-97658 COS/ G130M x1 (01)	1970 Secs (2289 Secs) [==>2289.0 Secs]	[1]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	3	HD 97658 C OS/G130M Orbit 2 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1			2680 Secs (2707 Secs) [==>2707.0 Secs]	[2]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	4	HD 97658 C OS/G130M Orbit 3 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1			2680 Secs (2707 Secs) [==>2707.0 Secs]	[3]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	5	HD 97658 C OS/G130M Orbit 4 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1			2680 Secs (2707 Secs) [==>2707.0 Secs]	[4]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	6	HD 97658 C OS/G130M Orbit 5 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1			2680 Secs (2707 Secs) [==>2707.0 Secs]	[5]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									

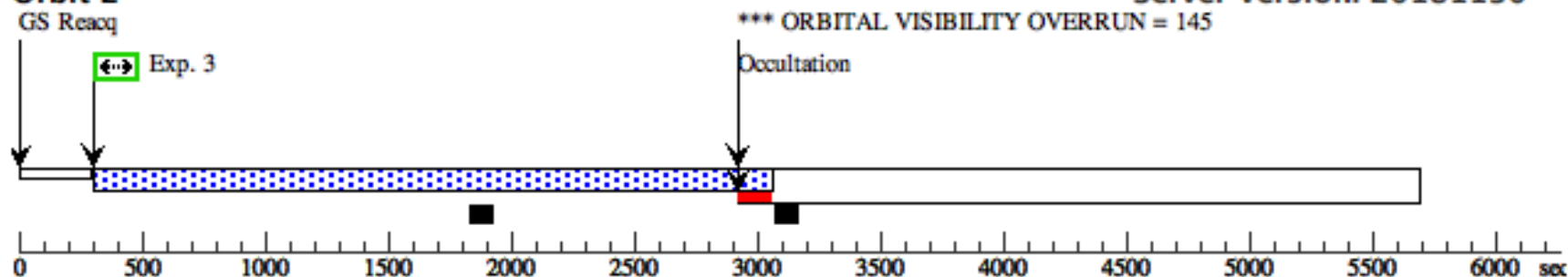
Orbit 1

Server Version: 20181130



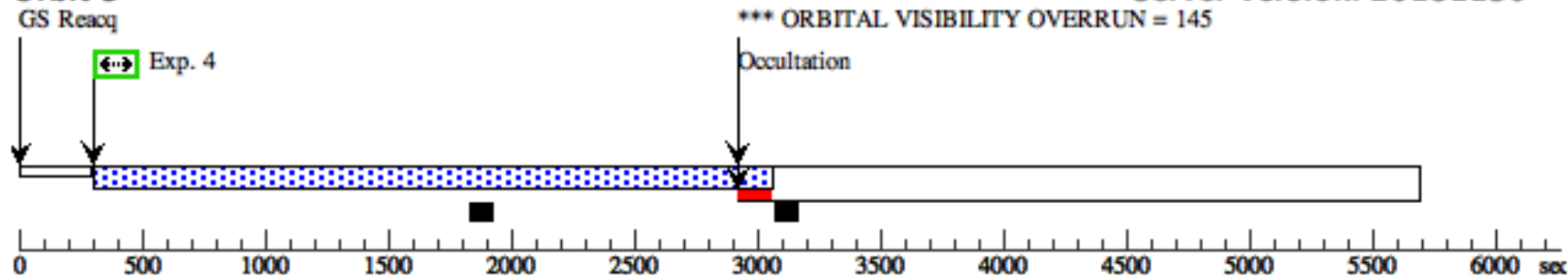
Orbit 2

Server Version: 20181130



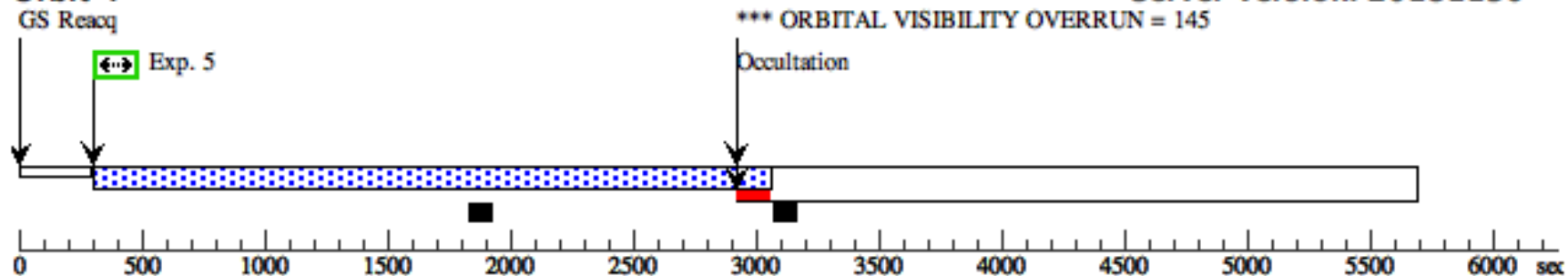
Orbit 3

Server Version: 20181130



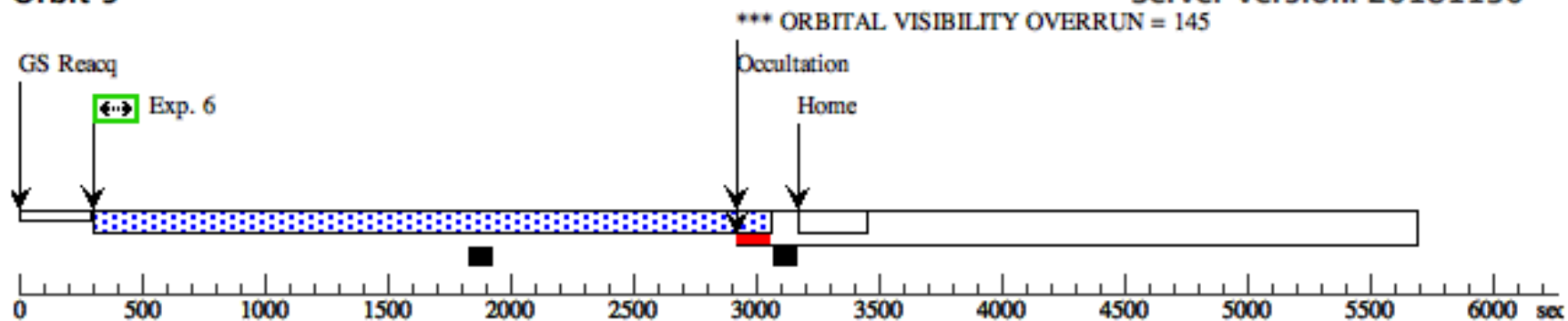
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - HD-97658 COS/G130M x2 (02) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HD-97658 COS/G130M x2 (02), completed	Wed Jun 05 15:14:57 GMT 2019
	Diagnostic Status: Error	
	Scientific Instruments: COS/FUV, COS/NUV	
	Special Requirements: SCHED 100%; Period 9.4892953208 D AND ZERO-PHASE HJD2456779.3361059809	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - HD-97658 COS/G130M x2 (02) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics	(HD-97658 COS/G130M Orbit 1 (02.002)) Error (Form): 2 is not a valid selection
	(HD-97658 COS/G130M Orbit 1 (02.002)) Error (Form): 2 is not a valid selection
	(HD-97658 COS/G130M Orbit 1 (02.002)) Error (Form): BOTH is not a valid selection
	(HD-97658 COS/G130M Orbit 1 (02.002)) Error (Form): BOTH is not a valid selection
	(HD-97658 COS/G130M Orbit 1 (02.002)) Error (Form): Illegal selection: 1291.
	(HD-97658 COS/G130M Orbit 1 (02.002)) Error (Form): LIFETIME-POS is a required field.
	(HD-97658 COS/G130M Orbit 1 (02.002)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HD-97658 COS/G130M Orbit 1 (02.002)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD-97658 COS/G130M Orbit 1 (02.002)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD-97658 COS/G130M Orbit 1 (02.002)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD 97658 COS/G130M Orbit 2 (02.003)) Error (Form): 2 is not a valid selection
	(HD 97658 COS/G130M Orbit 2 (02.003)) Error (Form): 2 is not a valid selection
	(HD 97658 COS/G130M Orbit 2 (02.003)) Error (Form): BOTH is not a valid selection
	(HD 97658 COS/G130M Orbit 2 (02.003)) Error (Form): BOTH is not a valid selection
	(HD 97658 COS/G130M Orbit 2 (02.003)) Error (Form): Illegal selection: 1291.
	(HD 97658 COS/G130M Orbit 2 (02.003)) Error (Form): LIFETIME-POS is a required field.
	(HD 97658 COS/G130M Orbit 2 (02.003)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HD 97658 COS/G130M Orbit 2 (02.003)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD 97658 COS/G130M Orbit 2 (02.003)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD 97658 COS/G130M Orbit 2 (02.003)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD 97658 COS/G130M Orbit 3 (02.004)) Error (Form): 2 is not a valid selection
	(HD 97658 COS/G130M Orbit 3 (02.004)) Error (Form): 2 is not a valid selection
	(HD 97658 COS/G130M Orbit 3 (02.004)) Error (Form): BOTH is not a valid selection
	(HD 97658 COS/G130M Orbit 3 (02.004)) Error (Form): BOTH is not a valid selection
	(HD 97658 COS/G130M Orbit 3 (02.004)) Error (Form): Illegal selection: 1291.
	(HD 97658 COS/G130M Orbit 3 (02.004)) Error (Form): LIFETIME-POS is a required field.
	(HD 97658 COS/G130M Orbit 3 (02.004)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HD 97658 COS/G130M Orbit 3 (02.004)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD 97658 COS/G130M Orbit 3 (02.004)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD 97658 COS/G130M Orbit 3 (02.004)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD 97658 COS/G130M Orbit 4 (02.005)) Error (Form): 2 is not a valid selection
	(HD 97658 COS/G130M Orbit 4 (02.005)) Error (Form): 2 is not a valid selection
	(HD 97658 COS/G130M Orbit 4 (02.005)) Error (Form): BOTH is not a valid selection
	(HD 97658 COS/G130M Orbit 4 (02.005)) Error (Form): BOTH is not a valid selection
	(HD 97658 COS/G130M Orbit 4 (02.005)) Error (Form): Illegal selection: 1291.
	(HD 97658 COS/G130M Orbit 4 (02.005)) Error (Form): LIFETIME-POS is a required field.
	(HD 97658 COS/G130M Orbit 4 (02.005)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HD 97658 COS/G130M Orbit 4 (02.005)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null

Proposal 14767 - HD-97658 COS/G130M x2 (02) - The Panchromatic Comparative Exoplanetary Treasury Program

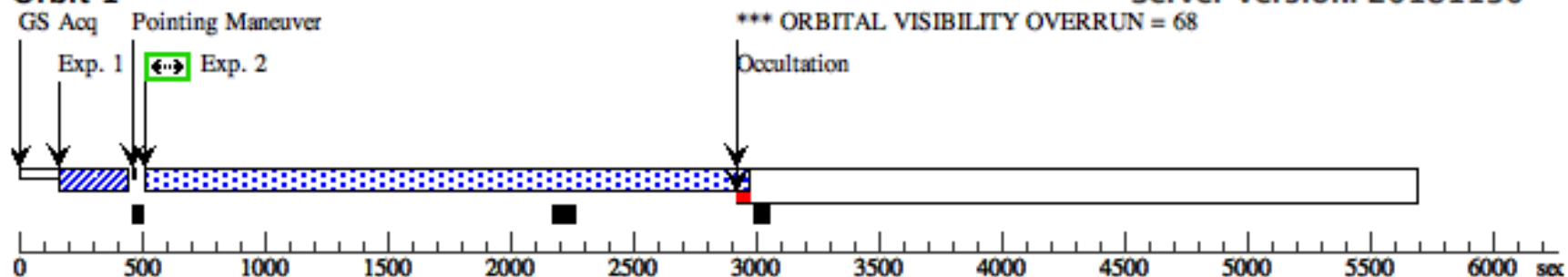
(HD 97658 COS/G130M Orbit 4 (02.005)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD 97658 COS/G130M Orbit 4 (02.005)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD 97658 COS/G130M Orbit 5 (02.006)) Error (Form): 2 is not a valid selection (HD 97658 COS/G130M Orbit 5 (02.006)) Error (Form): 2 is not a valid selection (HD 97658 COS/G130M Orbit 5 (02.006)) Error (Form): BOTH is not a valid selection (HD 97658 COS/G130M Orbit 5 (02.006)) Error (Form): BOTH is not a valid selection (HD 97658 COS/G130M Orbit 5 (02.006)) Error (Form): Illegal selection: 1291. (HD 97658 COS/G130M Orbit 5 (02.006)) Error (Form): LIFETIME-POS is a required field. (HD 97658 COS/G130M Orbit 5 (02.006)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HD 97658 COS/G130M Orbit 5 (02.006)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD 97658 COS/G130M Orbit 5 (02.006)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD 97658 COS/G130M Orbit 5 (02.006)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD-97658 COS/G130M x2 (02)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (HD-97658 COS/G130M x2 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-97658 COS/G130M x2 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-97658 COS/G130M x2 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-97658 COS/G130M x2 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-97658 COS/G130M x2 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	HD-97658	RA: 11 14 33.1619 (168.6381746d) Dec: +25 42 37.39 (25.71039d) Equinox: J2000	Proper Motion RA: -106.48 mas/yr Proper Motion Dec: 48.82 mas/yr Epoch of Position: 2000	V=7.714	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]					
	Extended=NO					

Proposal 14767 - HD-97658 COS/G130M x2 (02) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (COS.ta.833 734)	(1) HD-97658	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		PHASE 0.9790 TO 0.9825	Sequence 1-2 Non-Int in HD-97658 COS/G130M x2 (02)	28 Secs (28 Secs) [==>]	
	2	HD-97658 C OS/G130M Orbit 1 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2		Sequence 1-2 Non-Int in HD-97658 COS/G130M x2 (02)	1970 Secs (2289 Secs) [==>2289.0 Secs]	[1]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	3	HD 97658 C OS/G130M Orbit 2 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2			2680 Secs (2707 Secs) [==>2707.0 Secs]	
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	4	HD 97658 C OS/G130M Orbit 3 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2			2680 Secs (2707 Secs) [==>2707.0 Secs]	[3]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	5	HD 97658 C OS/G130M Orbit 4 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2			2680 Secs (2707 Secs) [==>2707.0 Secs]	[4]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	6	HD 97658 C OS/G130M Orbit 5 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2			2680 Secs (2707 Secs) [==>2707.0 Secs]	[5]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									

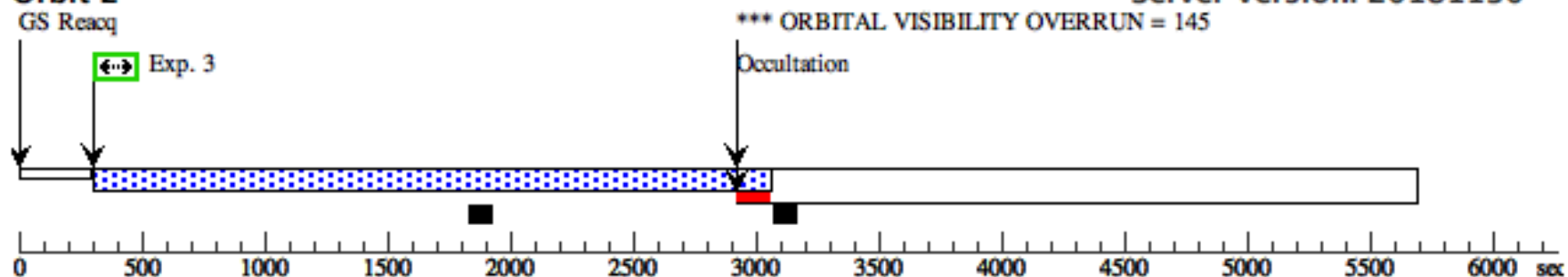
Orbit 1

Server Version: 20181130



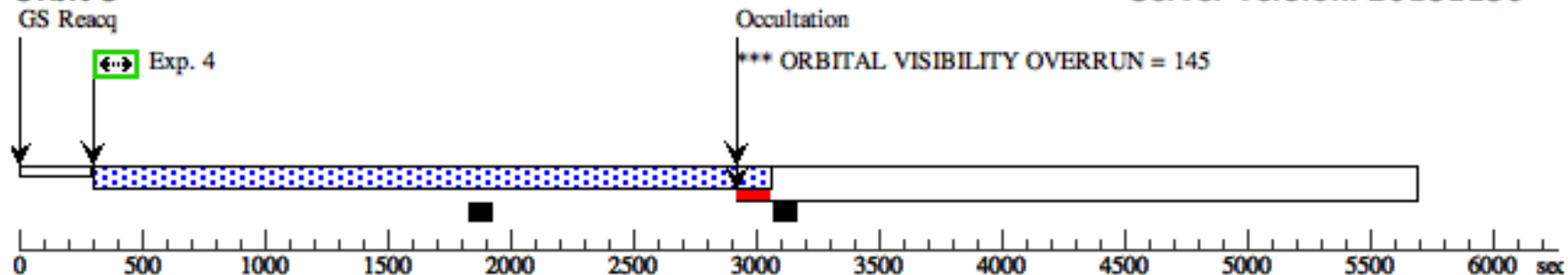
Orbit 2

Server Version: 20181130



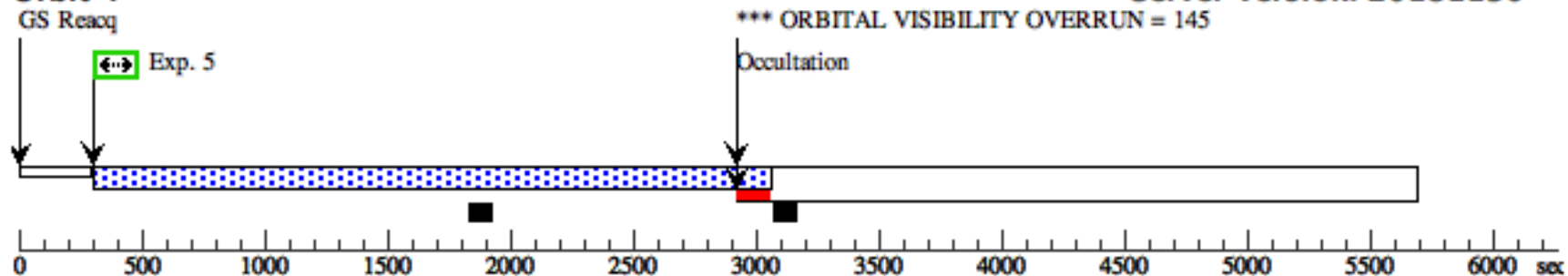
Orbit 3

Server Version: 20181130



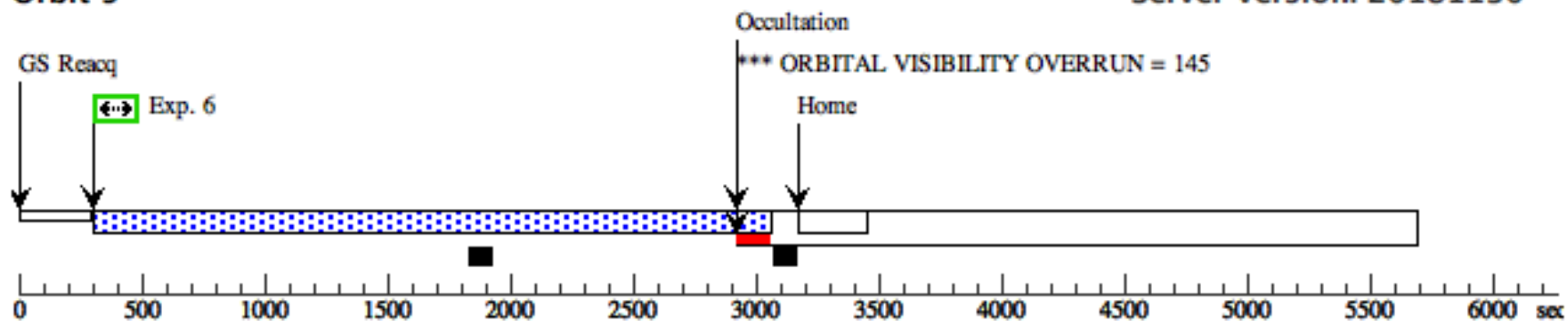
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130

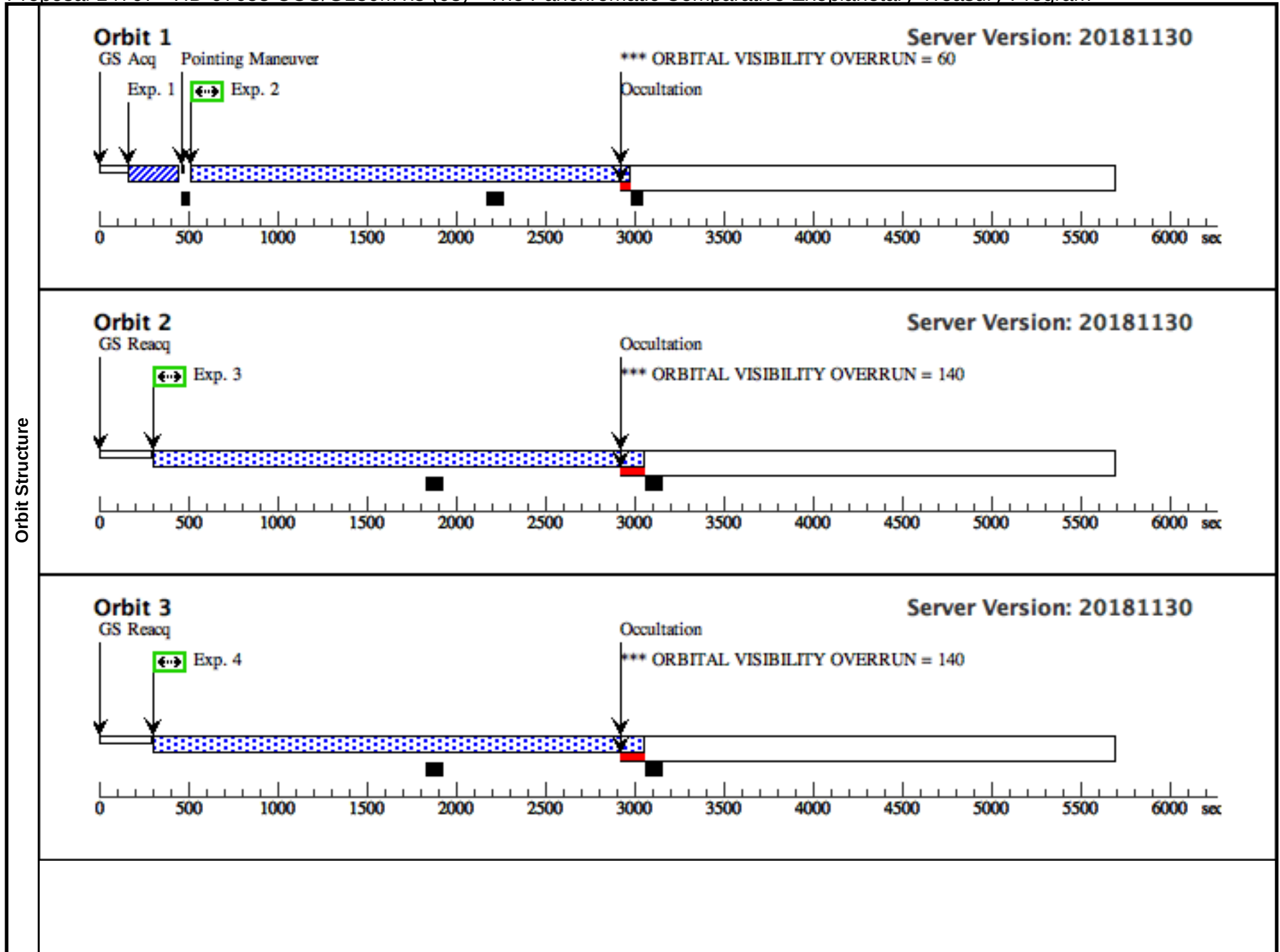


Proposal 14767 - HD-97658 COS/G130M x3 (03) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HD-97658 COS/G130M x3 (03), completed Wed Jun 05 15:14:57 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; Period 9.4892953208 D AND ZERO-PHASE HJD2456779.3361059809; ON HOLD <i>Comments: It is essential that the five orbits be scheduled in a continuous block. Scheduling within about +/- 1 months from opposition (March 7) was not possible.</i> <i>On Hold Comments: VISIT 03 had been re-assigned to VISIT H1, but it has now been re-activated (while VISIT 16 has now been withdrawn).</i>				
Diagnostics	(HD-97658 COS/G130M x3 (03)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (HD-97658 COS/G130M x3 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-97658 COS/G130M x3 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-97658 COS/G130M x3 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-97658 COS/G130M x3 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-97658 COS/G130M x3 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	HD-97658	RA: 11 14 33.1619 (168.6381746d) Dec: +25 42 37.39 (25.71039d) Equinox: J2000	Proper Motion RA: -106.48 mas/yr Proper Motion Dec: 48.82 mas/yr Epoch of Position: 2000	V=7.714 Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

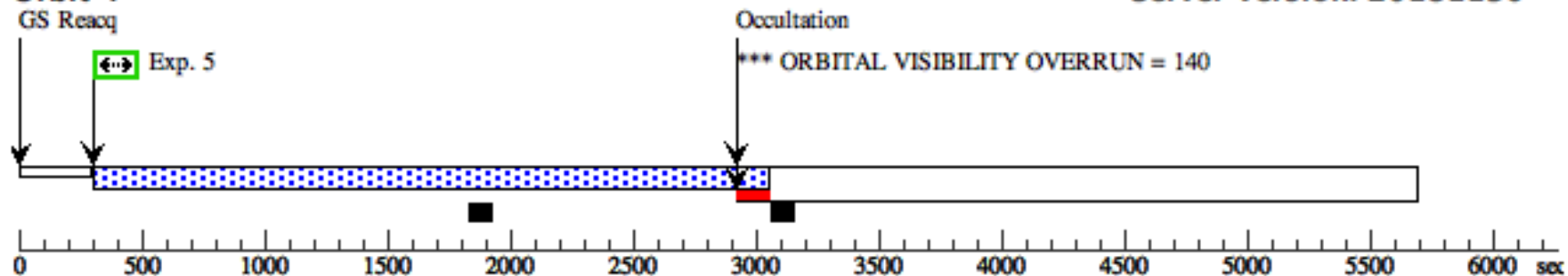
Proposal 14767 - HD-97658 COS/G130M x3 (03) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (COS.ta.833 734)	(1) HD-97658	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		PHASE 0.9790 TO 0.9895	Sequence 1-2 Non-Int in HD-97658 COS/G130M x3 (03)	28 Secs (28 Secs) [==>]	[1]
	2	HD-97658 C OS/G130M Orbit 1 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P3		Sequence 1-2 Non-Int in HD-97658 COS/G130M x3 (03)	1970 Secs (2283 Secs) [==>2283.0 Secs]	[1]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	3	HD 97658 C OS/G130M Orbit 2 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P3			2680 Secs (2702 Secs) [==>2702.0 Secs]	[2]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	4	HD 97658 C OS/G130M Orbit 3 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P3			2680 Secs (2702 Secs) [==>2702.0 Secs]	[3]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	5	HD 97658 C OS/G130M Orbit 4 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P3			2680 Secs (2702 Secs) [==>2702.0 Secs]	[4]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	6	HD 97658 C OS/G130M Orbit 5 (COS.sp.827 195)	(1) HD-97658	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P3			2680 Secs (2702 Secs) [==>2702.0 Secs]	[5]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									



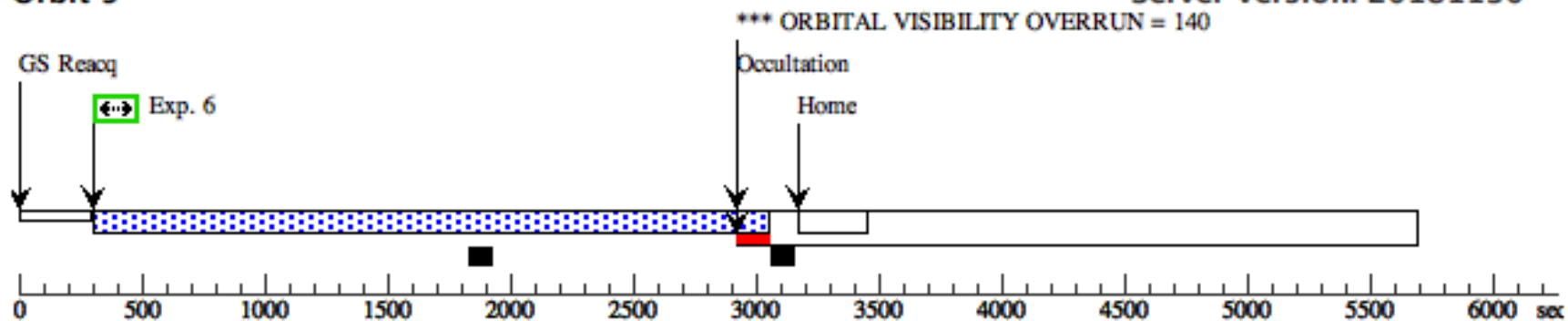
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - GJ-3470 STIS/G140M x1 (04) - The Panchromatic Comparative Exoplanetary Treasury Program

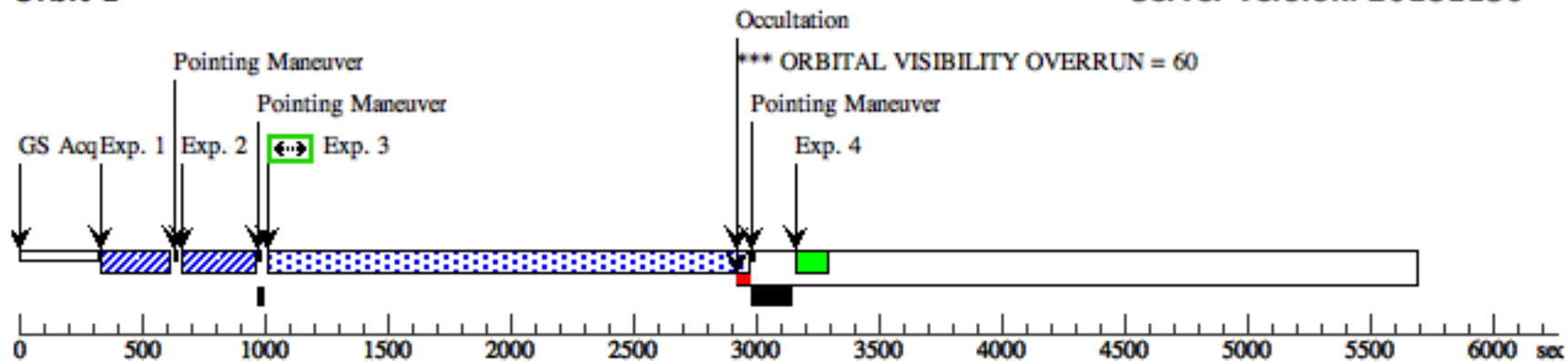
Visit	Proposal 14767, GJ-3470 STIS/G140M x1 (04), completed					Wed Jun 05 15:14:57 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA					
	Special Requirements: SCHED 100%; BETWEEN 01-OCT-2017:00:00:00 AND 31-JAN-2018:00:00:00; Period 3.3366496 D AND ZERO-PHASE HJD2455983.70421					
	Comments: It is essential that the five orbits be scheduled in a continuous block.					
Diagnostics	(GJ-3470 STIS/G140M x1 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-3470 STIS/G140M x1 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-3470 STIS/G140M x1 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-3470 STIS/G140M x1 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-3470 STIS/G140M x1 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	GJ-3470	RA: 07 59 5.8422 (119.7743425d)	Proper Motion RA: -175 mas/yr	V=12.33	Reference Frame: ICRS
			Dec: +15 23 29.21 (15.39145d)	Proper Motion Dec: -52 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
Category=STAR						
Description=[EXTRA-SOLAR PLANETARY SYSTEM, M V-IV]						
Extended=NO						

Proposal 14767 - GJ-3470 STIS/G140M x1 (04) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.ta.826 439)	(2) GJ-3470	STIS/CCD, ACQ, F28X50OIII	MIRROR		PHASE 0.9436 TO 0.9674	Sequence 1-4 Non-Int in GJ-3470 STIS/G140M x1 (04)	4 Secs (4 Secs) [==>]	[1]
	2	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in GJ-3470 STIS/G140M x1 (04)	1 Secs (1 Secs) [==>]	[1]
	3	SCI_1 (STIS.sp.82 6454)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in GJ-3470 STIS/G140M x1 (04)	1835 Secs (1824 Secs) [==>1824.0 Secs]	[1]
	4	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in GJ-3470 STIS/G140M x1 (04)	[==>]	[1]
	5	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in GJ-3470 STIS/G140M x1 (04)	1 Secs (1 Secs) [==>]	[2]
	6	SCI_2 (STIS.sp.82 6471)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in GJ-3470 STIS/G140M x1 (04)	2157 Secs (2154 Secs) [==>2154.0 Secs]	[2]
	7	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in GJ-3470 STIS/G140M x1 (04)	[==>]	[2]
	8	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in GJ-3470 STIS/G140M x1 (04)	1 Secs (1 Secs) [==>]	[3]
	9	SCI_3 (STIS.sp.82 6471)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in GJ-3470 STIS/G140M x1 (04)	2157 Secs (2154 Secs) [==>2154.0 Secs]	[3]
	10	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in GJ-3470 STIS/G140M x1 (04)	[==>]	[3]
	11	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in GJ-3470 STIS/G140M x1 (04)	1 Secs (1 Secs) [==>]	[4]
	12	SCI_4 (STIS.sp.82 6471)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in GJ-3470 STIS/G140M x1 (04)	2157 Secs (2154 Secs) [==>2154.0 Secs]	[4]
	13	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 11-13 Non-Int in GJ-3470 STIS/G140M x1 (04)	[==>]	[4]
	14	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 14-16 Non-Int in GJ-3470 STIS/G140M x1 (04)	1 Secs (1 Secs) [==>]	[5]
	15	SCI_5 (STIS.sp.82 6471)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 14-16 Non-Int in GJ-3470 STIS/G140M x1 (04)	2157 Secs (2154 Secs) [==>2154.0 Secs]	[5]
	16	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 14-16 Non-Int in GJ-3470 STIS/G140M x1 (04)	[==>]	[5]

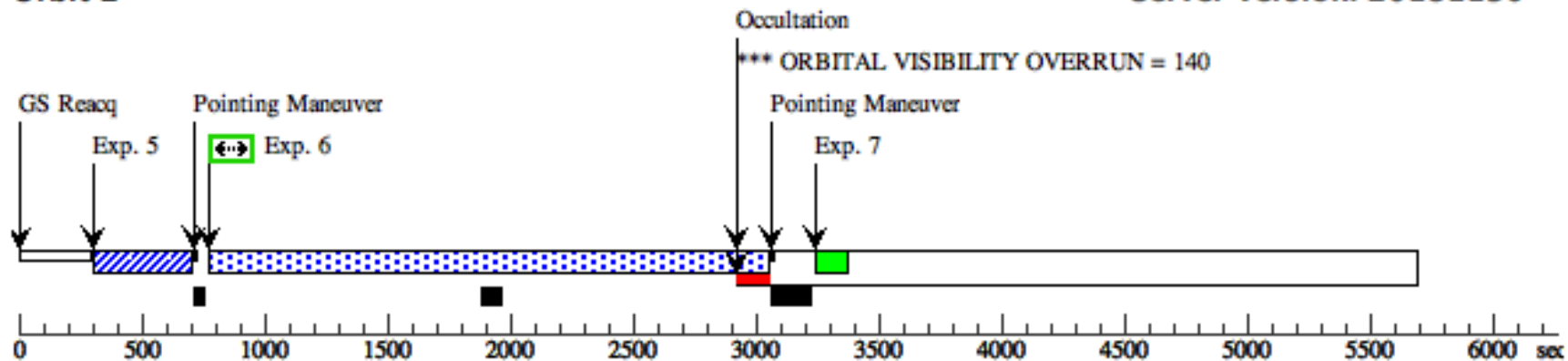
Orbit 1

Server Version: 20181130



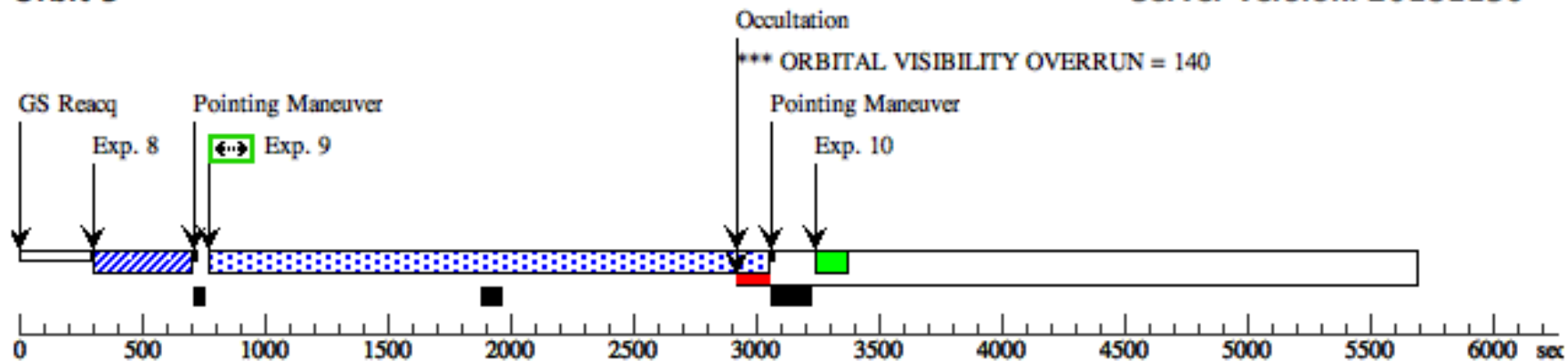
Orbit 2

Server Version: 20181130



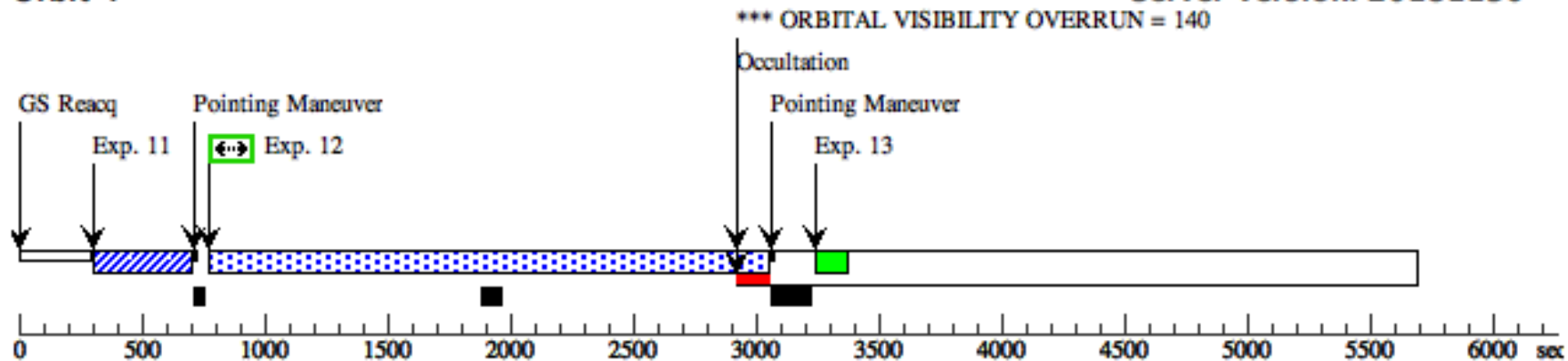
Orbit 3

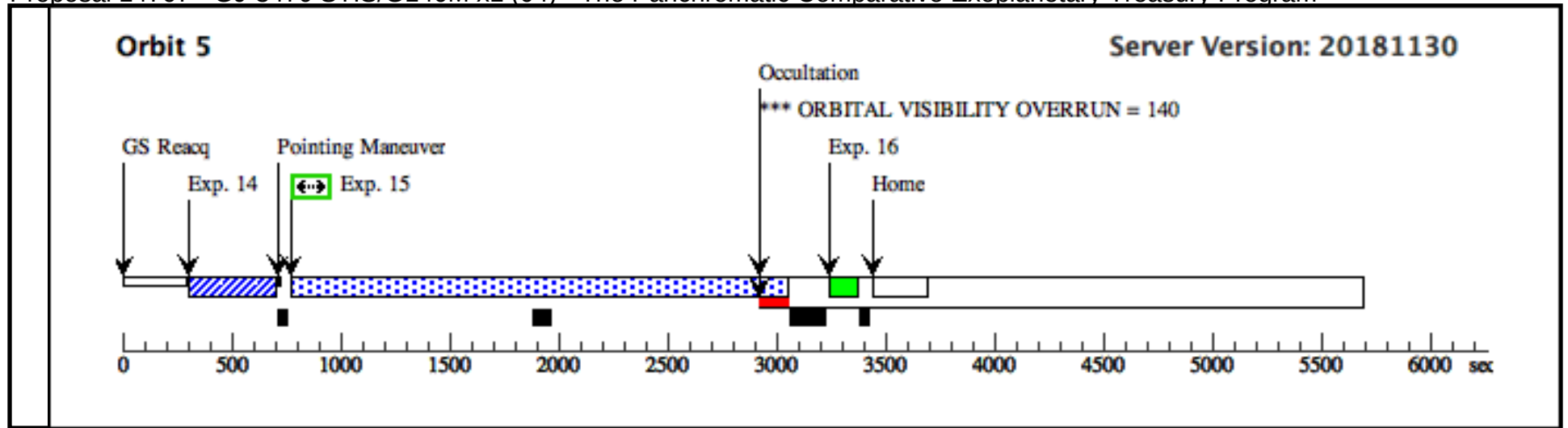
Server Version: 20181130



Orbit 4

Server Version: 20181130





Proposal 14767 - GJ-3470 STIS/G140M x2 (05) - The Panchromatic Comparative Exoplanetary Treasury Program

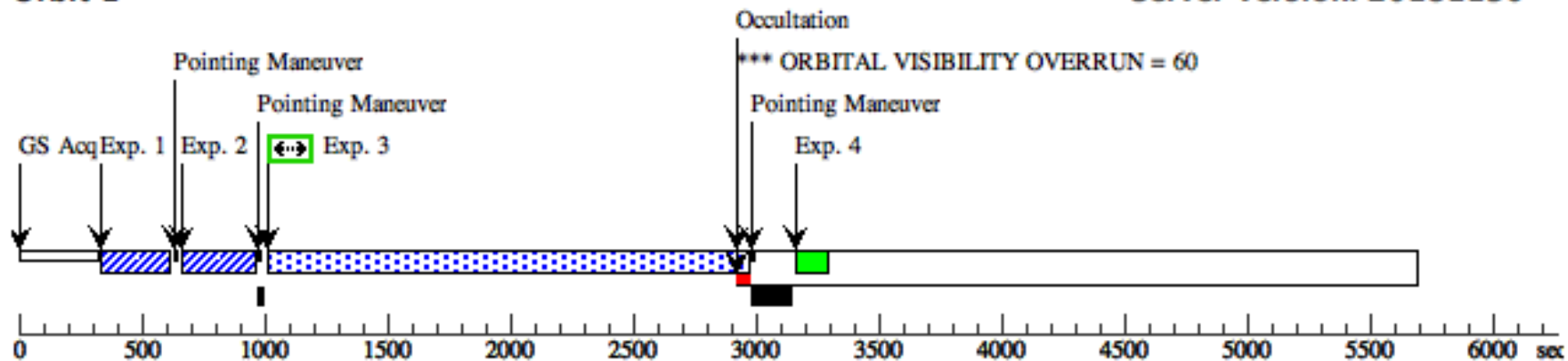
Visit	Proposal 14767, GJ-3470 STIS/G140M x2 (05), completed					Wed Jun 05 15:14:58 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA					
	Special Requirements: SCHED 100%; BETWEEN 01-OCT-2017:00:00:00 AND 31-JAN-2018:00:00:00; Period 3.3366496 D AND ZERO-PHASE HJD2455983.70421					
	Comments: It is essential that the five orbits be scheduled in a continuous block.					
Diagnostics	(GJ-3470 STIS/G140M x2 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-3470 STIS/G140M x2 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-3470 STIS/G140M x2 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-3470 STIS/G140M x2 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-3470 STIS/G140M x2 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	GJ-3470	RA: 07 59 5.8422 (119.7743425d)	Proper Motion RA: -175 mas/yr	V=12.33	Reference Frame: ICRS
			Dec: +15 23 29.21 (15.39145d)	Proper Motion Dec: -52 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
Category=STAR						
Description=[EXTRA-SOLAR PLANETARY SYSTEM, M V-IV]						
Extended=NO						

Proposal 14767 - GJ-3470 STIS/G140M x2 (05) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.ta.826 439)	(2) GJ-3470	STIS/CCD, ACQ, F28X50OIII	MIRROR		PHASE 0.9436 TO 0 .9674	Sequence 1-4 Non-Int in GJ-3470 STIS/G 140M x2 (05)	4 Secs (4 Secs) [==>]	[1]
	2	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in GJ-3470 STIS/G 140M x2 (05)	1 Secs (1 Secs) [==>]	[1]
	3	SCI_1 (STIS.sp.82 6454)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO		Sequence 1-4 Non-Int in GJ-3470 STIS/G 140M x2 (05)	1835 Secs (1824 Secs) [==>1824.0 Secs]	[1]
	4	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in GJ-3470 STIS/G 140M x2 (05)	[==>]	[1]
	5	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in GJ-3470 STIS/G 140M x2 (05)	1 Secs (1 Secs) [==>]	[2]
	6	SCI_2 (STIS.sp.82 6471)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO		Sequence 5-7 Non-Int in GJ-3470 STIS/G 140M x2 (05)	2157 Secs (2154 Secs) [==>2154.0 Secs]	[2]
	7	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in GJ-3470 STIS/G 140M x2 (05)	[==>]	[2]
	8	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in GJ-3470 STIS/ G140M x2 (05)	1 Secs (1 Secs) [==>]	[3]
	9	SCI_3 (STIS.sp.82 6471)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO		Sequence 8-10 Non-Int in GJ-3470 STIS/ G140M x2 (05)	2157 Secs (2154 Secs) [==>2154.0 Secs]	[3]
	10	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in GJ-3470 STIS/ G140M x2 (05)	[==>]	[3]
	11	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in GJ-3470 STIS/ /G140M x2 (05)	1 Secs (1 Secs) [==>]	[4]
	12	SCI_4 (STIS.sp.82 6471)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO		Sequence 11-13 Non-Int in GJ-3470 STIS/ /G140M x2 (05)	2157 Secs (2154 Secs) [==>2154.0 Secs]	[4]
	13	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 11-13 Non-Int in GJ-3470 STIS/ /G140M x2 (05)	[==>]	[4]
	14	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 14-16 Non-Int in GJ-3470 STIS/ /G140M x2 (05)	1 Secs (1 Secs) [==>]	[5]
	15	SCI_5 (STIS.sp.82 6471)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO		Sequence 14-16 Non-Int in GJ-3470 STIS/ /G140M x2 (05)	2157 Secs (2154 Secs) [==>2154.0 Secs]	[5]
	16	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 14-16 Non-Int in GJ-3470 STIS/ /G140M x2 (05)	[==>]	[5]

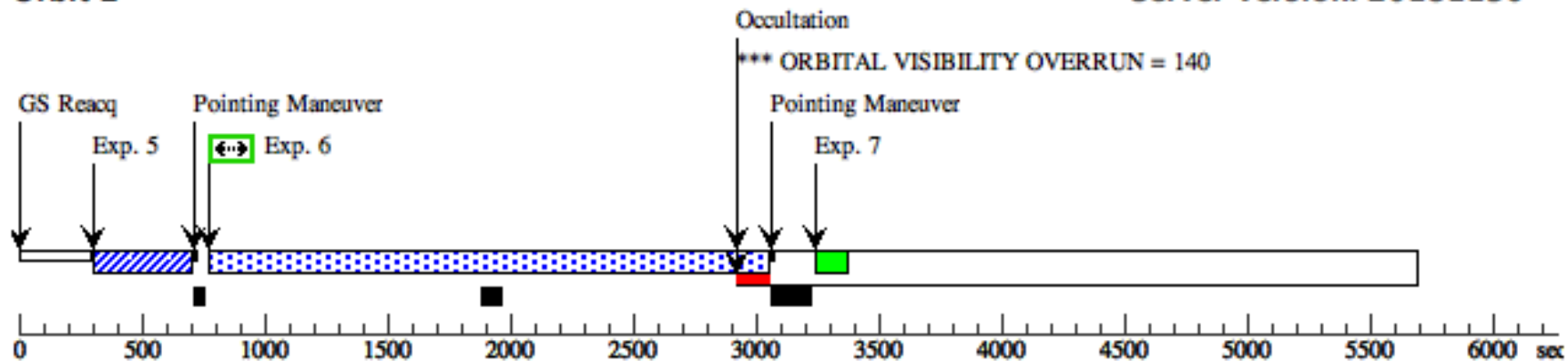
Orbit 1

Server Version: 20181130



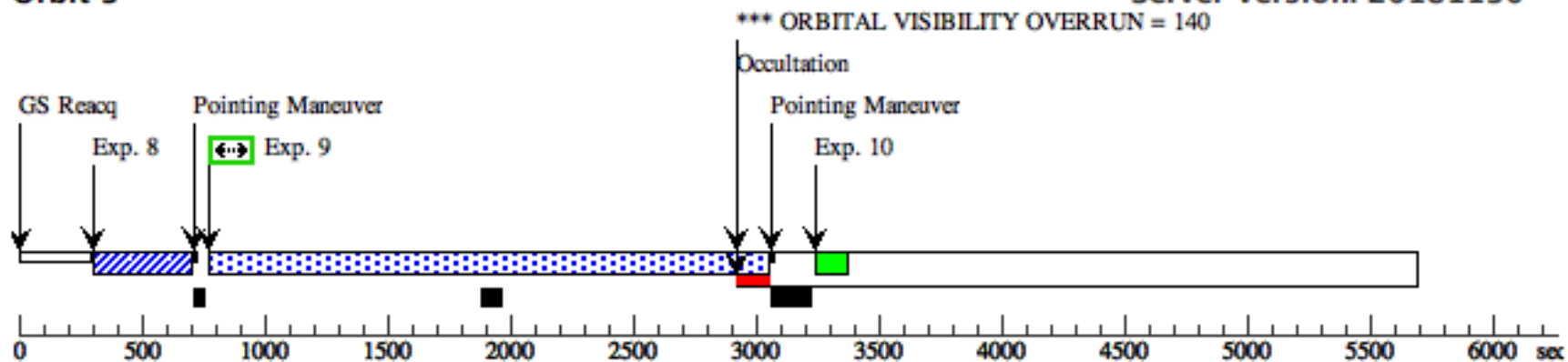
Orbit 2

Server Version: 20181130



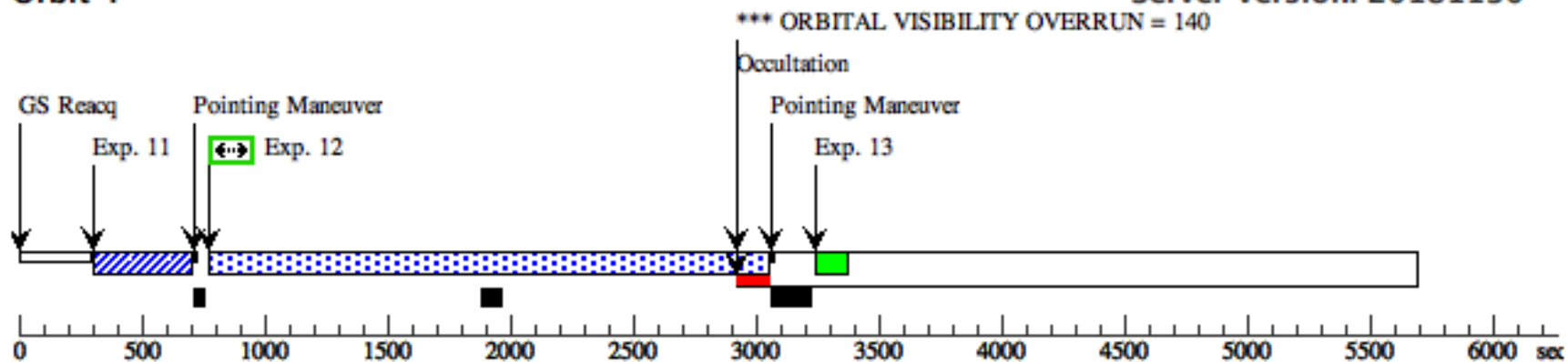
Orbit 3

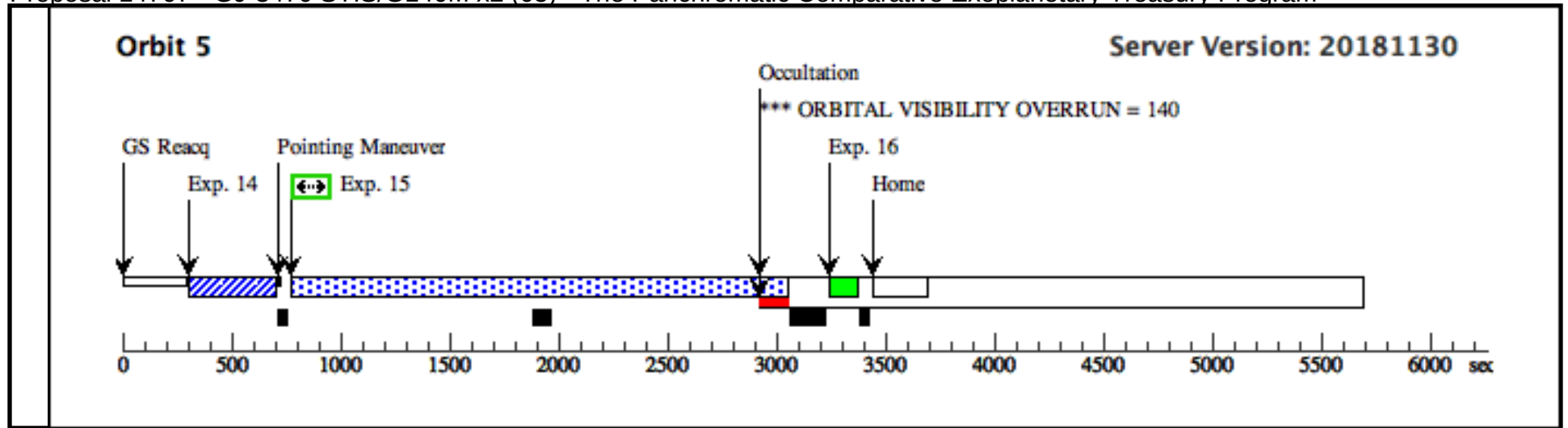
Server Version: 20181130



Orbit 4

Server Version: 20181130





Proposal 14767 - GJ-3470 STIS/G140M x3 (06) - The Panchromatic Comparative Exoplanetary Treasury Program

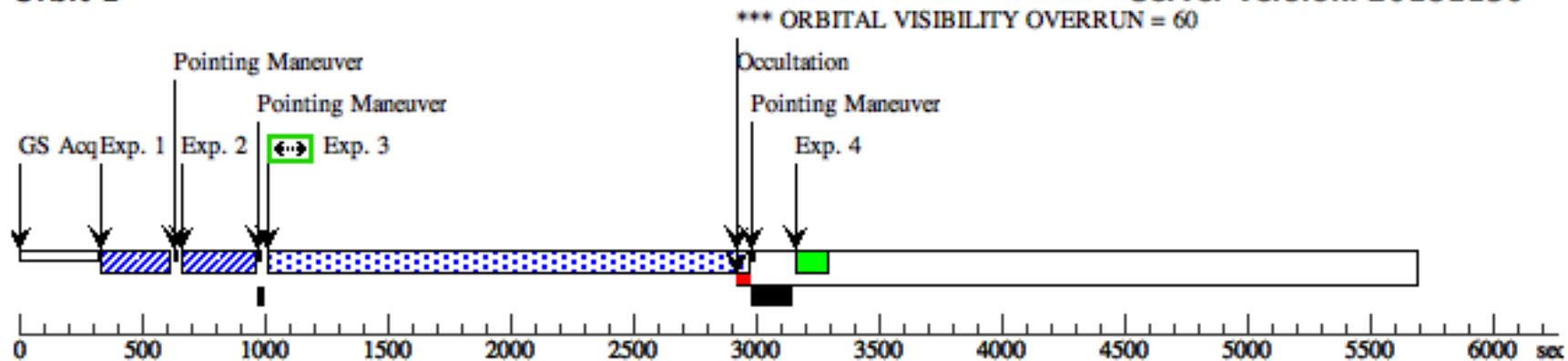
Visit	Proposal 14767, GJ-3470 STIS/G140M x3 (06), completed					Wed Jun 05 15:14:58 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA					
	Special Requirements: SCHED 100%; BETWEEN 01-OCT-2017:00:00:00 AND 31-JAN-2018:00:00:00; Period 3.3366496 D AND ZERO-PHASE HJD2455983.70421					
	Comments: It is essential that the five orbits be scheduled in a continuous block.					
Diagnostics	(GJ-3470 STIS/G140M x3 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-3470 STIS/G140M x3 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-3470 STIS/G140M x3 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-3470 STIS/G140M x3 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-3470 STIS/G140M x3 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	GJ-3470	RA: 07 59 5.8422 (119.7743425d)	Proper Motion RA: -175 mas/yr	V=12.33	Reference Frame: ICRS
			Dec: +15 23 29.21 (15.39145d)	Proper Motion Dec: -52 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
Category=STAR						
Description=[EXTRA-SOLAR PLANETARY SYSTEM, M V-IV]						
Extended=NO						

Proposal 14767 - GJ-3470 STIS/G140M x3 (06) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.ta.826 439)	(2) GJ-3470	STIS/CCD, ACQ, F28X50OIII	MIRROR		PHASE 0.951 TO 0.959	Sequence 1-4 Non-Int in GJ-3470 STIS/G140M x3 (06)	4 Secs (4 Secs) [==>]	[1]
	2	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in GJ-3470 STIS/G140M x3 (06)	1 Secs (1 Secs) [==>]	[1]
	3	SCI_1 (STIS.sp.82 6454)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in GJ-3470 STIS/G140M x3 (06)	1835 Secs (1824 Secs) [==>1824.0 Secs]	[1]
	4	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in GJ-3470 STIS/G140M x3 (06)	[==>]	[1]
	5	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in GJ-3470 STIS/G140M x3 (06)	1 Secs (1 Secs) [==>]	[2]
	6	SCI_2 (STIS.sp.82 6471)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in GJ-3470 STIS/G140M x3 (06)	2157 Secs (2154 Secs) [==>2154.0 Secs]	[2]
	7	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in GJ-3470 STIS/G140M x3 (06)	[==>]	[2]
	8	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in GJ-3470 STIS/G140M x3 (06)	1 Secs (1 Secs) [==>]	[3]
	9	SCI_3 (STIS.sp.82 6471)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in GJ-3470 STIS/G140M x3 (06)	2157 Secs (2154 Secs) [==>2154.0 Secs]	[3]
	10	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in GJ-3470 STIS/G140M x3 (06)	[==>]	[3]
	11	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in GJ-3470 STIS/G140M x3 (06)	1 Secs (1 Secs) [==>]	[4]
	12	SCI_4 (STIS.sp.82 6471)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in GJ-3470 STIS/G140M x3 (06)	2157 Secs (2154 Secs) [==>2154.0 Secs]	[4]
	13	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 11-13 Non-Int in GJ-3470 STIS/G140M x3 (06)	[==>]	[4]
	14	ACQ/Peak (STIS.ta.826 450)	(2) GJ-3470	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 14-16 Non-Int in GJ-3470 STIS/G140M x3 (06)	1 Secs (1 Secs) [==>]	[5]
	15	SCI_5 (STIS.sp.82 6471)	(2) GJ-3470	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 14-16 Non-Int in GJ-3470 STIS/G140M x3 (06)	2157 Secs (2154 Secs) [==>2154.0 Secs]	[5]
	16	GO-Waveca l	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 14-16 Non-Int in GJ-3470 STIS/G140M x3 (06)	[==>]	[5]

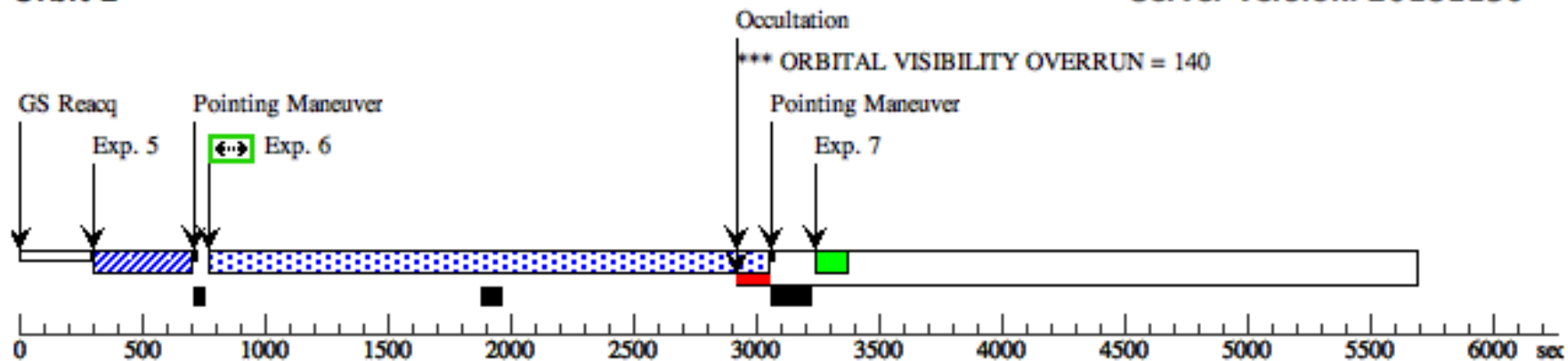
Orbit 1

Server Version: 20181130



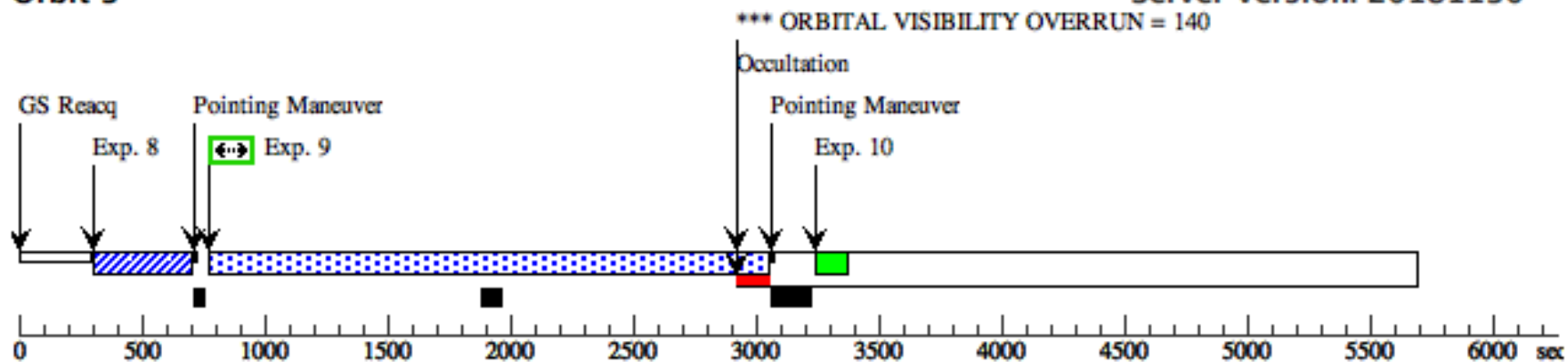
Orbit 2

Server Version: 20181130



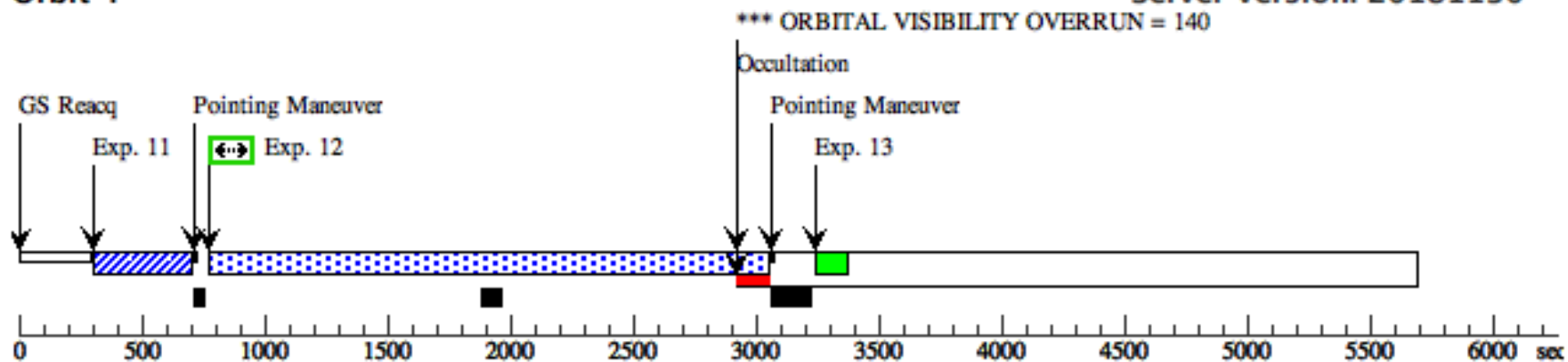
Orbit 3

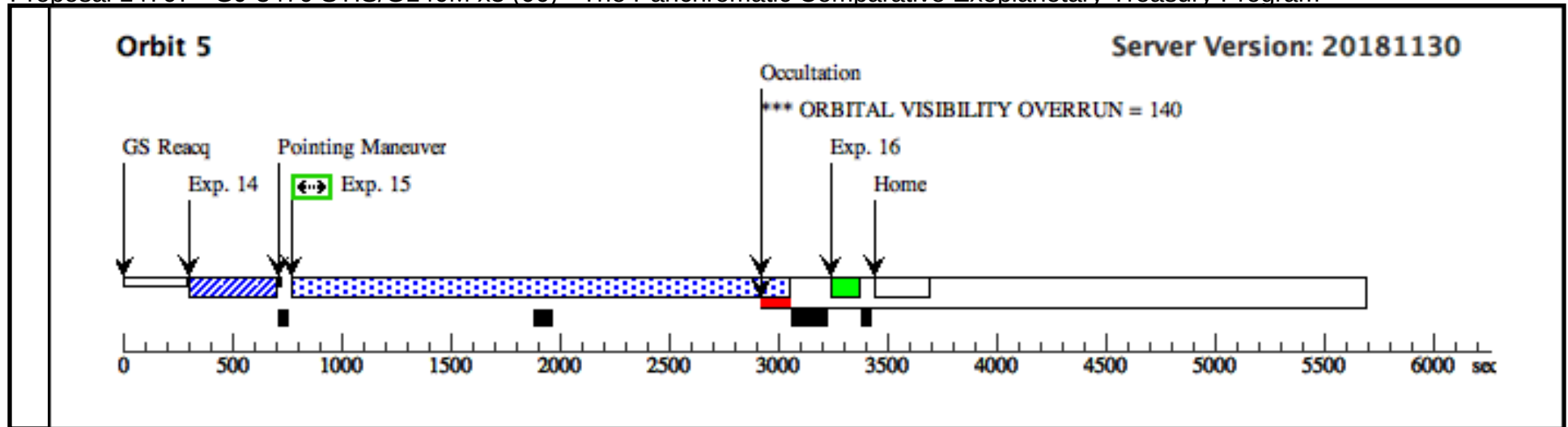
Server Version: 20181130



Orbit 4

Server Version: 20181130



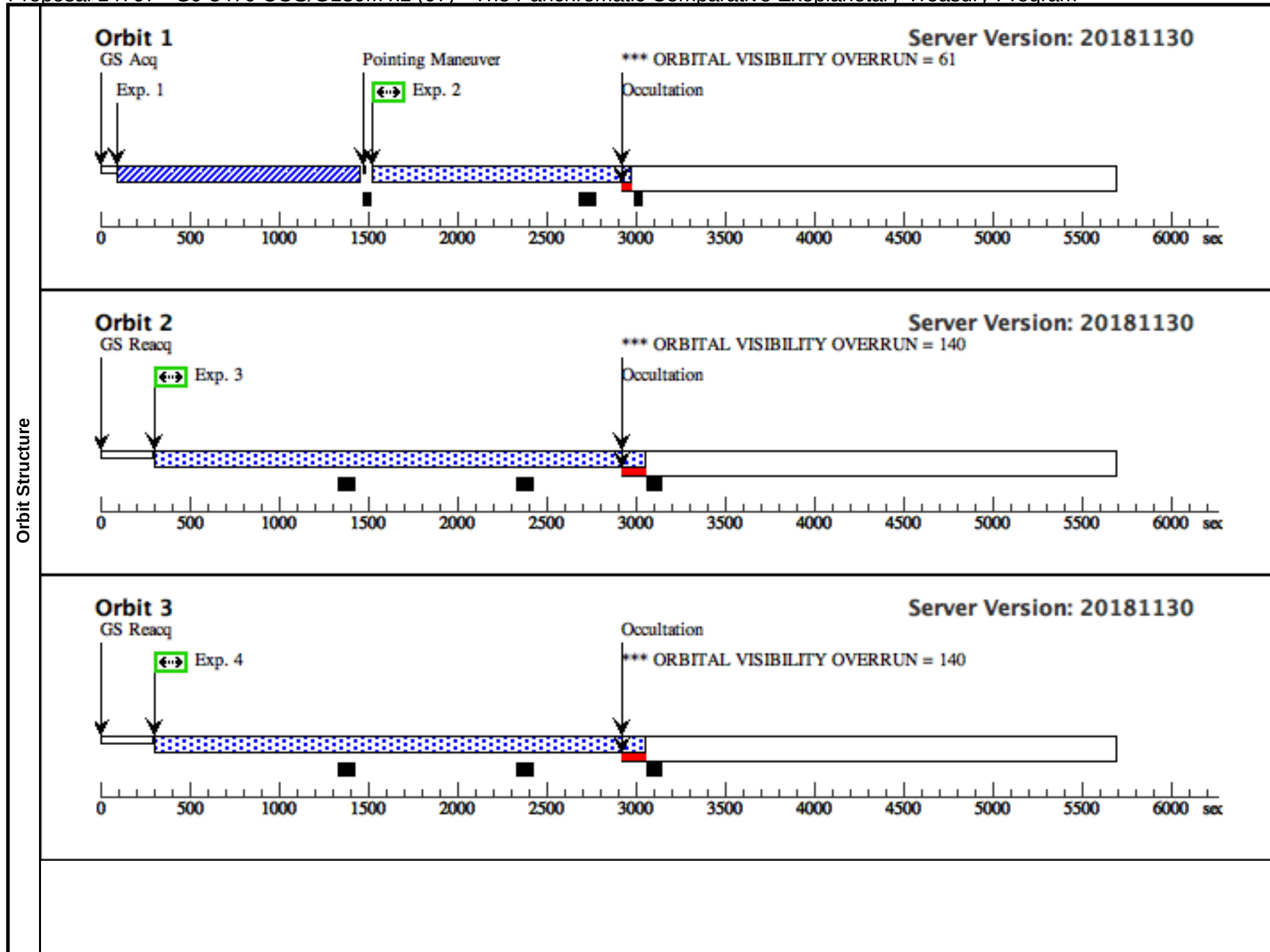


Proposal 14767 - GJ-3470 COS/G130M x1 (07) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, GJ-3470 COS/G130M x1 (07), completed Wed Jun 05 15:14:58 GMT 2019					
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; Period 3.3366496 D AND ZERO-PHASE HJD2455983.70421 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>					
Diagnostics	(GJ-3470 COS/G130M x1 (07)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (GJ-3470 COS/G130M x1 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-3470 COS/G130M x1 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-3470 COS/G130M x1 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-3470 COS/G130M x1 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-3470 COS/G130M x1 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	GJ-3470	RA: 07 59 5.8422 (119.7743425d) Dec: +15 23 29.21 (15.39145d) Equinox: J2000	Proper Motion RA: -175 mas/yr Proper Motion Dec: -52 mas/yr Epoch of Position: 2000	V=12.33	Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, M V-IV] Extended=NO					

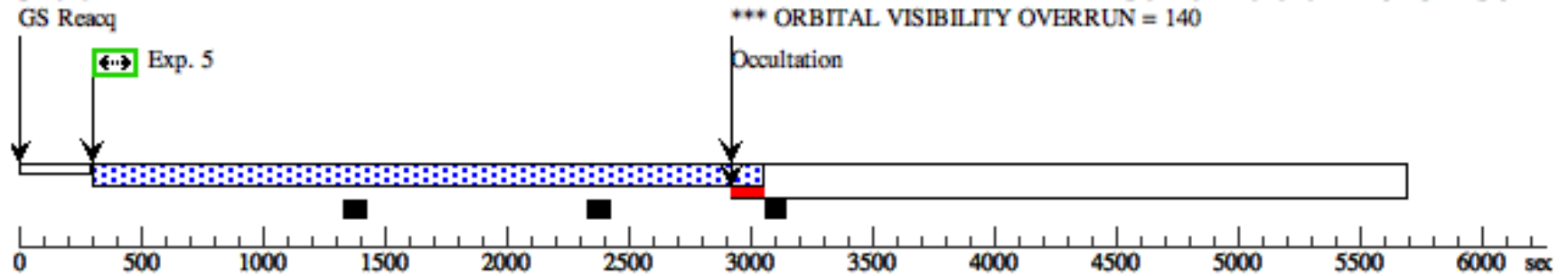
Proposal 14767 - GJ-3470 COS/G130M x1 (07) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/Image (COS.ta.994 816)	(2) GJ-3470	COS/NUV, ACQ/IMAGE, PSA	MIRRORB		PHASE 0.953 TO 0. 958	Sequence 1-2 Non-In t in GJ-3470 COS/G 130M x1 (07)	533 Secs (533 Secs) [==>]	[1]
	<i>Comments: Exp. time increased (from 300s by factor of 1600/900) to obtain S/N=40.</i>									
	2	SCI_1 (COS.sp.826 479)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 1-2 Non-In t in GJ-3470 COS/G 130M x1 (07)	1750 Secs (1279 Secs) [==>1279.0 Secs]	[1]
	<i>Comments: Exp. time adjusted.</i>									
	3	SCI_2 (COS.sp.826 481)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 3-3 Non-In t in GJ-3470 COS/G 130M x1 (07)	2704 Secs (2703 Secs) [==>2703.0 Secs]	[2]
	4	SCI_3 (COS.sp.826 481)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 4-4 Non-In t in GJ-3470 COS/G 130M x1 (07)	2704 Secs (2703 Secs) [==>2703.0 Secs]	[3]
	5	SCI_4 (COS.sp.826 481)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 5-5 Non-In t in GJ-3470 COS/G 130M x1 (07)	2704 Secs (2703 Secs) [==>2703.0 Secs]	[4]
	6	SCI_5 (COS.sp.826 481)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 6-6 Non-In t in GJ-3470 COS/G 130M x1 (07)	2704 Secs (2703 Secs) [==>2703.0 Secs]	[5]



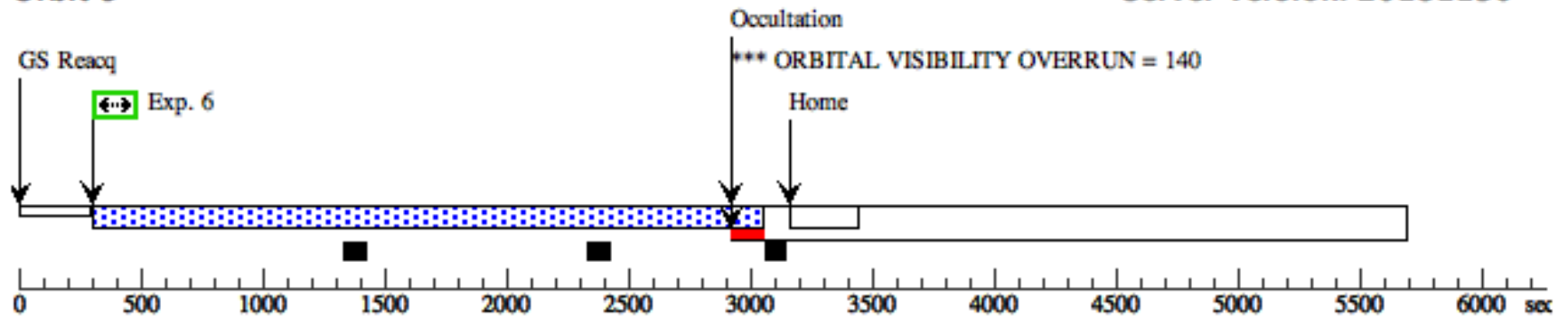
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - GJ-3470 COS/G130M x2 (08) - The Panchromatic Comparative Exoplanetary Treasury Program

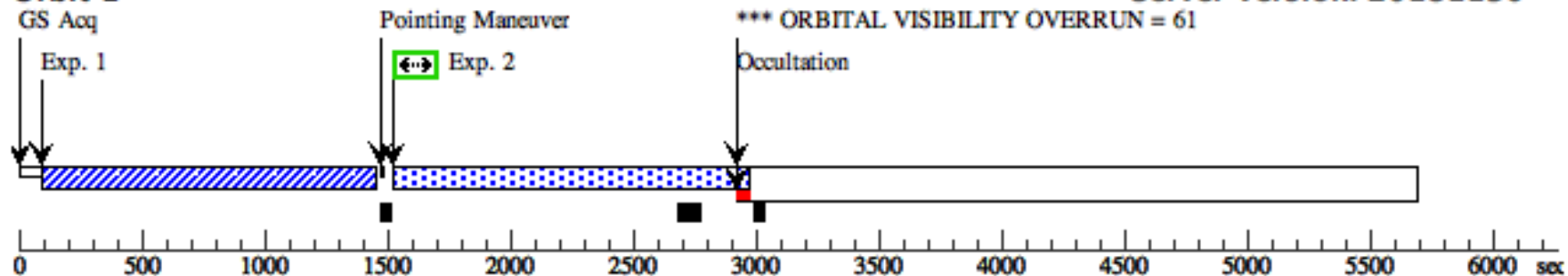
Visit	Proposal 14767, GJ-3470 COS/G130M x2 (08), completed Wed Jun 05 15:14:58 GMT 2019					
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; Period 3.3366496 D AND ZERO-PHASE HJD2455983.70421 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>					
Diagnostics	(GJ-3470 COS/G130M x2 (08)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (GJ-3470 COS/G130M x2 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-3470 COS/G130M x2 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-3470 COS/G130M x2 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-3470 COS/G130M x2 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-3470 COS/G130M x2 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	GJ-3470	RA: 07 59 5.8422 (119.7743425d) Dec: +15 23 29.21 (15.39145d) Equinox: J2000	Proper Motion RA: -175 mas/yr Proper Motion Dec: -52 mas/yr Epoch of Position: 2000	V=12.33	Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, M V-IV] Extended=NO					

Proposal 14767 - GJ-3470 COS/G130M x2 (08) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/Image (COS.ta.994 816)	(2) GJ-3470	COS/NUV, ACQ/IMAGE, PSA	MIRRORB		PHASE 0.953 TO 0. 958	Sequence 1-2 Non-Int in GJ-3470 COS/G 130M x2 (08)	533 Secs (533 Secs) [==>]	[1]
	<i>Comments: Exp. time increased (from 300s by factor of 1600/900) to obtain S/N=40.</i>									
	2	SCI_1 (COS.sp.826 479)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 1-2 Non-Int in GJ-3470 COS/G 130M x2 (08)	1750 Secs (1279 Secs) [==>1279.0 Secs]	[1]
	3	SCI_2 (COS.sp.826 481)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 3-3 Non-Int in GJ-3470 COS/G 130M x2 (08)	2704 Secs (2703 Secs) [==>2703.0 Secs]	[2]
	4	SCI_3 (COS.sp.826 481)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 4-4 Non-Int in GJ-3470 COS/G 130M x2 (08)	2704 Secs (2703 Secs) [==>2703.0 Secs]	[3]
	5	SCI_4 (COS.sp.826 481)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 5-5 Non-Int in GJ-3470 COS/G 130M x2 (08)	2704 Secs (2703 Secs) [==>2703.0 Secs]	[4]
	6	SCI_5 (COS.sp.826 481)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 6-6 Non-Int in GJ-3470 COS/G 130M x2 (08)	2704 Secs (2703 Secs) [==>2703.0 Secs]	[5]

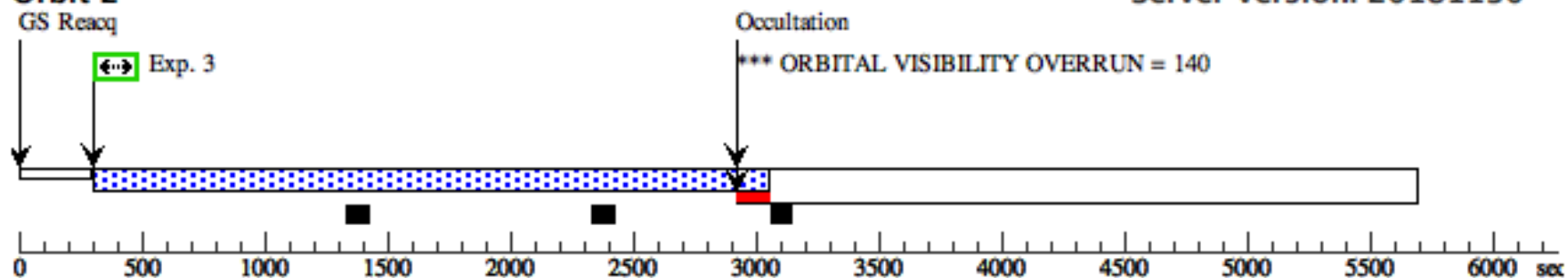
Orbit 1

Server Version: 20181130



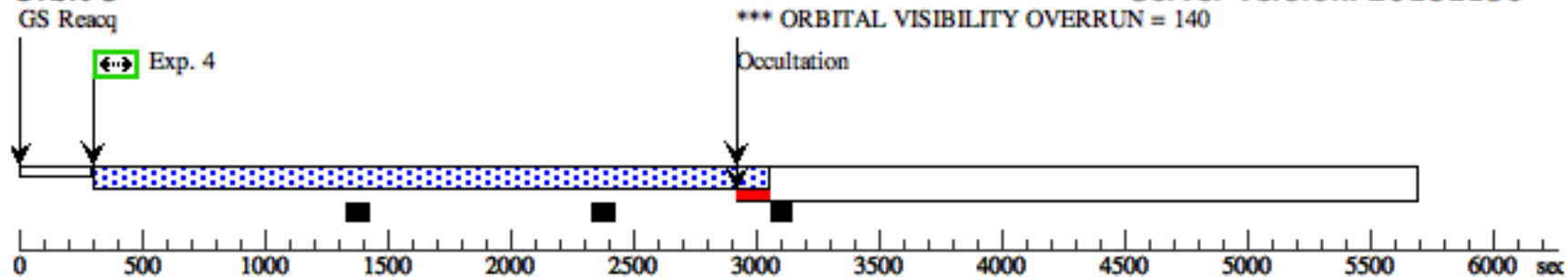
Orbit 2

Server Version: 20181130



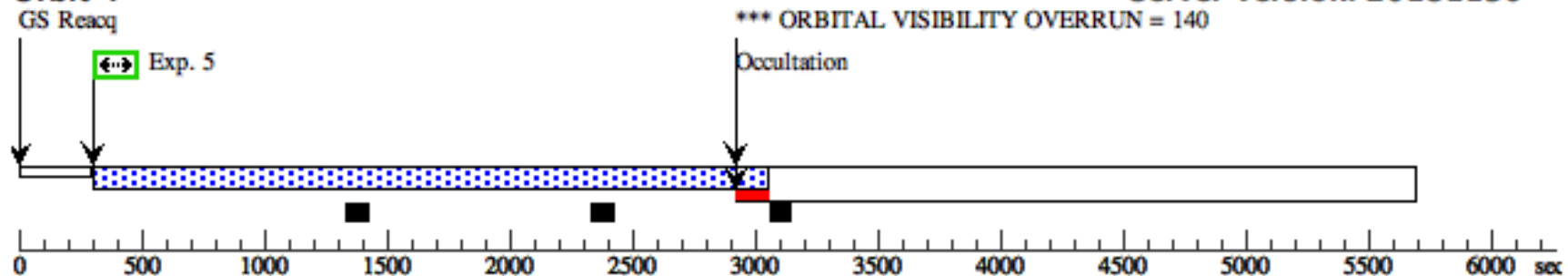
Orbit 3

Server Version: 20181130



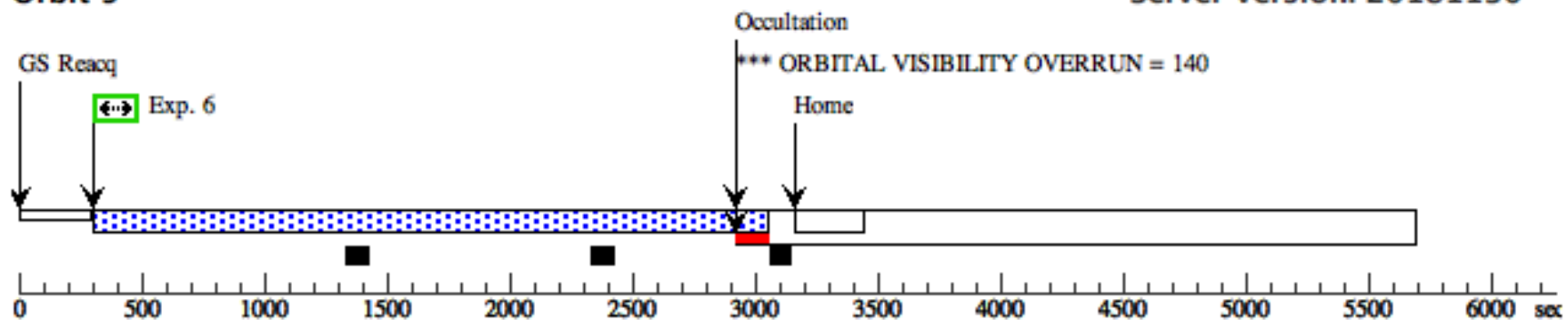
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - GJ-3470 COS/G130M x3 (09) - The Panchromatic Comparative Exoplanetary Treasury Program

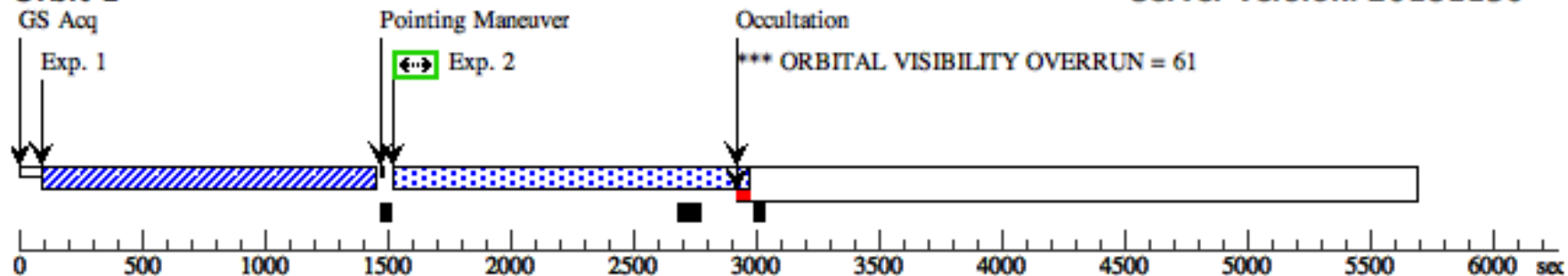
Visit	Proposal 14767, GJ-3470 COS/G130M x3 (09), completed Wed Jun 05 15:14:58 GMT 2019					
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; Period 3.3366496 D AND ZERO-PHASE HJD2455983.70421 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>					
Diagnostics	(GJ-3470 COS/G130M x3 (09)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (GJ-3470 COS/G130M x3 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-3470 COS/G130M x3 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-3470 COS/G130M x3 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-3470 COS/G130M x3 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-3470 COS/G130M x3 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	GJ-3470	RA: 07 59 5.8422 (119.7743425d) Dec: +15 23 29.21 (15.39145d) Equinox: J2000	Proper Motion RA: -175 mas/yr Proper Motion Dec: -52 mas/yr Epoch of Position: 2000	V=12.33	Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, M V-IV] Extended=NO					

Proposal 14767 - GJ-3470 COS/G130M x3 (09) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/Image (COS.ta.994 816)	(2) GJ-3470	COS/NUV, ACQ/IMAGE, PSA	MIRRORB		PHASE 0.953 TO 0. 958	Sequence 1-2 Non-Int in GJ-3470 COS/G 130M x3 (09)	533 Secs (533 Secs) [==>]	[1]
	<i>Comments: Exp. time increased (from 300s by factor of 1600/900) to obtain S/N=40.</i>									
	2	SCI_1 (COS.sp.826 479)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 1-2 Non-Int in GJ-3470 COS/G 130M x3 (09)	1750 Secs (1279 Secs) [==>1279.0 Secs]	[1]
	3	SCI_2 (COS.sp.826 481)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 3-3 Non-Int in GJ-3470 COS/G 130M x3 (09)	2704 Secs (2703 Secs) [==>2703.0 Secs]	[2]
	4	SCI_3 (COS.sp.826 481)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 4-4 Non-Int in GJ-3470 COS/G 130M x3 (09)	2704 Secs (2703 Secs) [==>2703.0 Secs]	[3]
	5	SCI_4 (COS.sp.826 481)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 5-5 Non-Int in GJ-3470 COS/G 130M x3 (09)	2704 Secs (2703 Secs) [==>2703.0 Secs]	[4]
	6	SCI_5 (COS.sp.826 481)	(2) GJ-3470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=4; LIFETIME-POS=L P4		Sequence 6-6 Non-Int in GJ-3470 COS/G 130M x3 (09)	2704 Secs (2703 Secs) [==>2703.0 Secs]	[5]

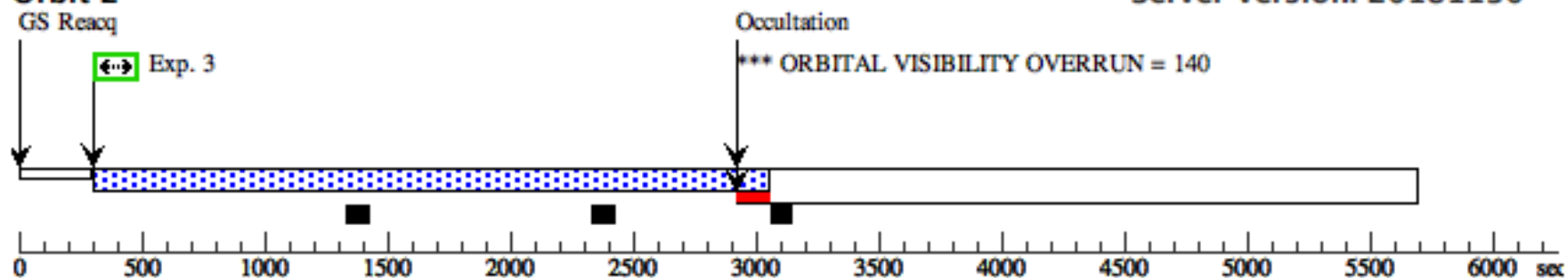
Orbit 1

Server Version: 20181130



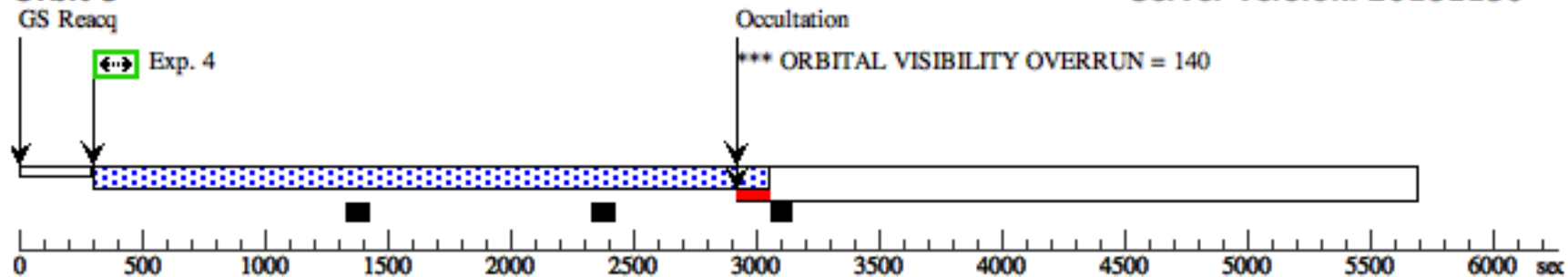
Orbit 2

Server Version: 20181130



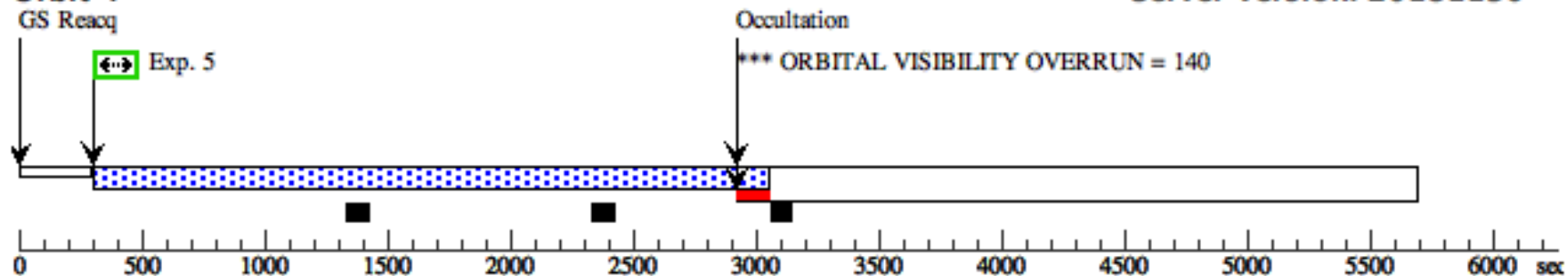
Orbit 3

Server Version: 20181130



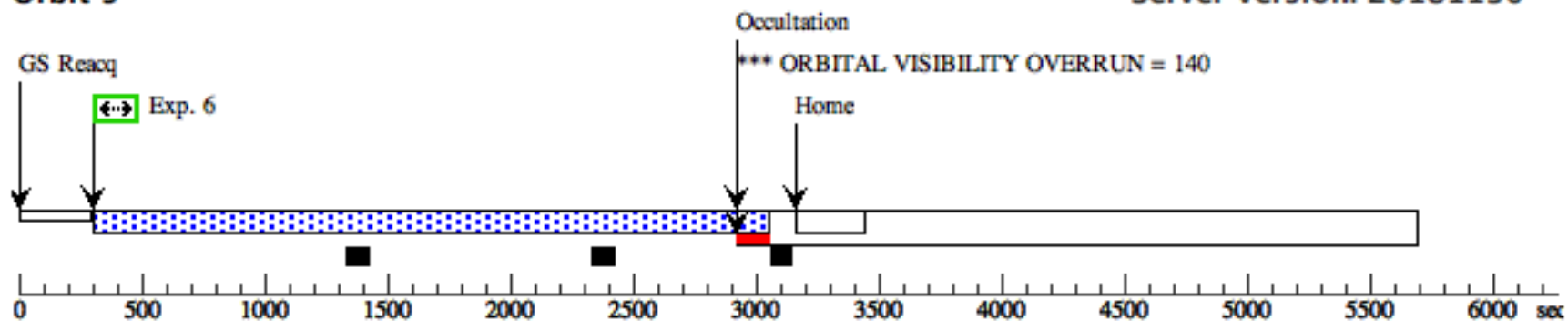
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - GJ-436 COS/G130M x1 (10) - The Panchromatic Comparative Exoplanetary Treasury Program

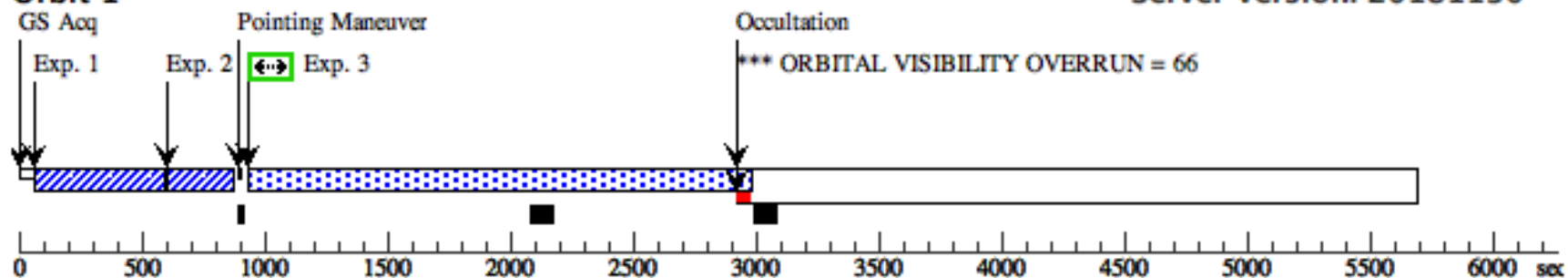
Visit	Proposal 14767, GJ-436 COS/G130M x1 (10), completed Wed Jun 05 15:14:58 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; Period 2.64389803 D AND ZERO-PHASE HJD2454865.084034 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>				
Diagnostics	(GJ-436 COS/G130M x1 (10)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (GJ-436 COS/G130M x1 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-436 COS/G130M x1 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-436 COS/G130M x1 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-436 COS/G130M x1 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GJ-436 COS/G130M x1 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	GJ-436	RA: 11 42 11.0940 (175.5462250d) Dec: +26 42 23.65 (26.70657d) Equinox: J2000	Proper Motion RA: 896.07 mas/yr Proper Motion Dec: -813.54 mas/yr Epoch of Position: 2000	V=10.59 Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, M V-IV] Extended=NO				

Proposal 14767 - GJ-436 COS/G130M x1 (10) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PeakX D (COS.sa.103 0331)	(3) GJ-436	COS/NUV, ACQ/PEAKXD, PSA	G230L 2950 A		PHASE 0.941 TO 0. 946	Sequence 1-3 Non-In t in GJ-436 COS/G1 30M x1 (10)	240 Secs (240 Secs) [==>]	[1]
	2	ACQ/PeakD (COS.sa.103 0168)	(3) GJ-436	COS/NUV, ACQ/PEAKD, PSA	G230L 3360 A	NUM-POS=3; STEP-SIZE=1.3; CENTER=FLUX-W T		Sequence 1-3 Non-In t in GJ-436 COS/G1 30M x1 (10)	34 Secs (34 Secs) [==>]	[1]
	3	SCI_1 (COS.sp.824 945)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 1-3 Non-In t in GJ-436 COS/G1 30M x1 (10)	1881 Secs (1881 Secs) [==>]	[1]
	4	SCI_2 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 4-4 Non-In t in GJ-436 COS/G1 30M x1 (10)	2702 Secs (2702 Secs) [==>]	[2]
	5	SCI_3 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 5-5 Non-In t in GJ-436 COS/G1 30M x1 (10)	2702 Secs (2702 Secs) [==>]	[3]
	6	SCI_4 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 6-6 Non-In t in GJ-436 COS/G1 30M x1 (10)	2702 Secs (2702 Secs) [==>]	[4]
	7	SCI_5 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 7-7 Non-In t in GJ-436 COS/G1 30M x1 (10)	2702 Secs (2702 Secs) [==>]	[5]

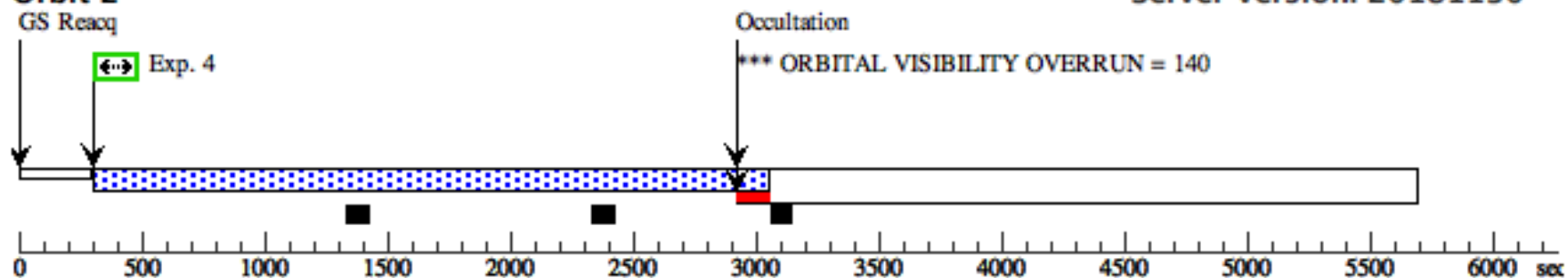
Orbit 1

Server Version: 20181130



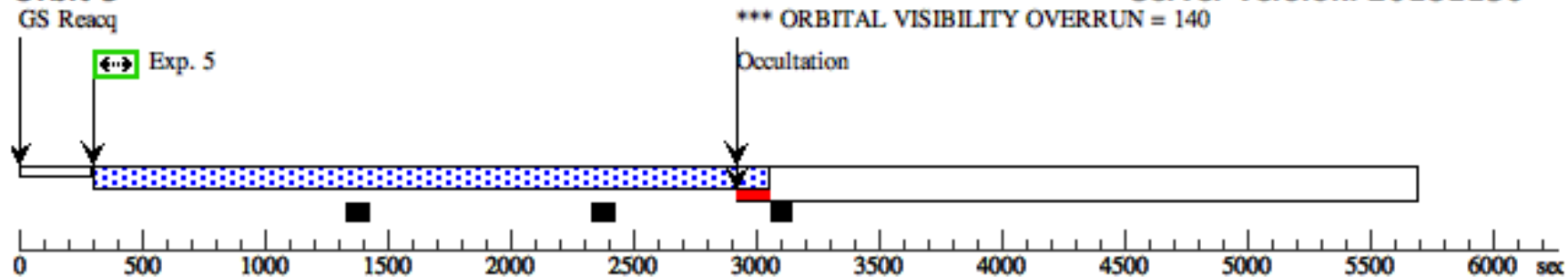
Orbit 2

Server Version: 20181130



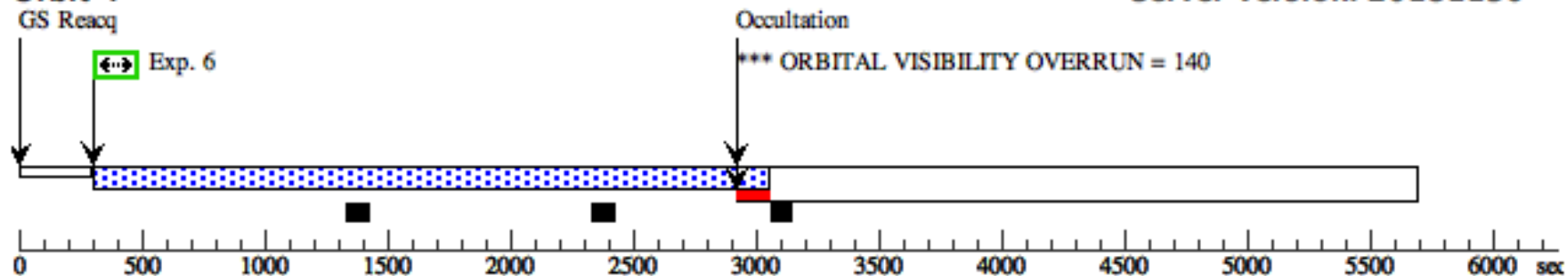
Orbit 3

Server Version: 20181130



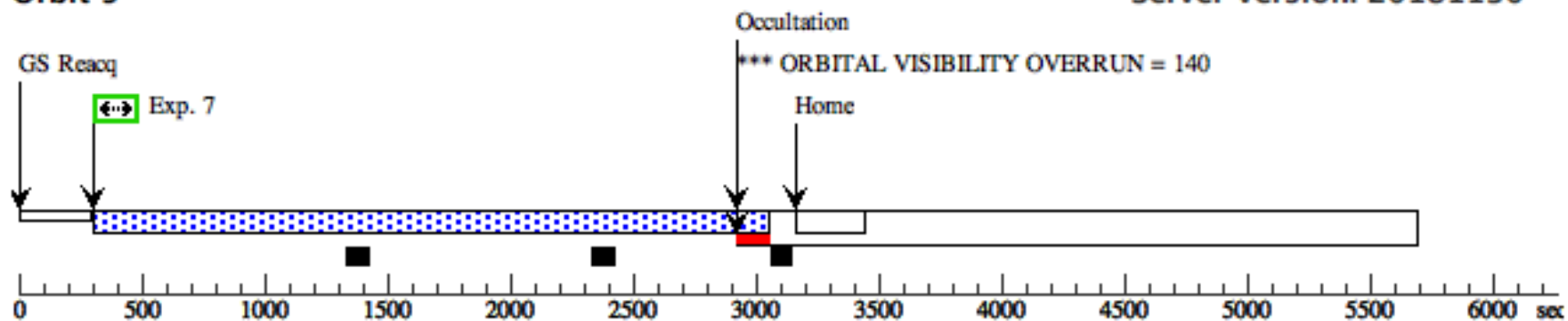
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - GJ-436 COS/G130M x2 (11) - The Panchromatic Comparative Exoplanetary Treasury Program

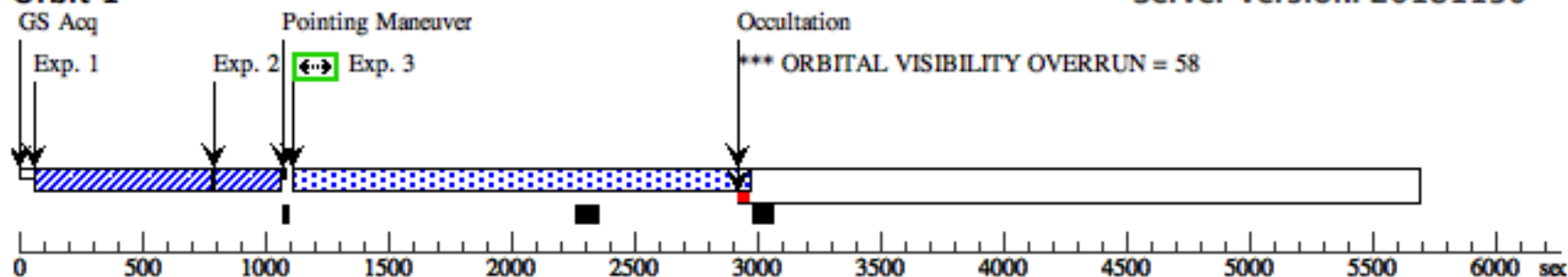
Visit	Proposal 14767, GJ-436 COS/G130M x2 (11), completed					Wed Jun 05 15:14:58 GMT 2019
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; Period 2.64389803 D AND ZERO-PHASE HJD2454865.084034 Comments: It is essential that the five orbits be scheduled in a continuous block.					
Diagnostics	(GJ-436 COS/G130M x2 (11)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(GJ-436 COS/G130M x2 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-436 COS/G130M x2 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-436 COS/G130M x2 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-436 COS/G130M x2 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-436 COS/G130M x2 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	GJ-436	RA: 11 42 11.0940 (175.5462250d)	Proper Motion RA: 896.07 mas/yr	V=10.59	Reference Frame: ICRS
			Dec: +26 42 23.65 (26.70657d)	Proper Motion Dec: -813.54 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
Description=[EXTRA-SOLAR PLANETARY SYSTEM, M V-IV]						
Extended=NO						

Proposal 14767 - GJ-436 COS/G130M x2 (11) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PeakX D (COS.sa.104 2019)	(3) GJ-436	COS/NUV, ACQ/PEAKXD, PSA	G230L 2950 A		PHASE 0.941 TO 0. 946	Sequence 1-3 Non-Int in GJ-436 COS/G1 30M x2 (11)	425 Secs (425 Secs) [==>]	[1]
	Comments: Exp. time increased (from 240s by factor of 1600/900) to obtain S/N=40.									
	2	ACQ/PeakD (COS.sa.103 0168)	(3) GJ-436	COS/NUV, ACQ/PEAKD, PSA	G230L 3360 A	NUM-POS=3; STEP-SIZE=1.3; CENTER=FLUX-W T		Sequence 1-3 Non-Int in GJ-436 COS/G1 30M x2 (11)	34 Secs (34 Secs) [==>]	[1]
	3	SCI_1 (COS.sp.824 945)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 1-3 Non-Int in GJ-436 COS/G1 30M x2 (11)	1688 Secs (1688 Secs) [==>]	[1]
	4	SCI_2 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 4-4 Non-Int in GJ-436 COS/G1 30M x2 (11)	2702 Secs (2702 Secs) [==>]	[2]
	5	SCI_3 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 5-5 Non-Int in GJ-436 COS/G1 30M x2 (11)	2702 Secs (2702 Secs) [==>]	[3]
	6	SCI_4 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 6-6 Non-Int in GJ-436 COS/G1 30M x2 (11)	2702 Secs (2702 Secs) [==>]	[4]
	7	SCI_5 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 7-7 Non-Int in GJ-436 COS/G1 30M x2 (11)	2702 Secs (2702 Secs) [==>]	[5]

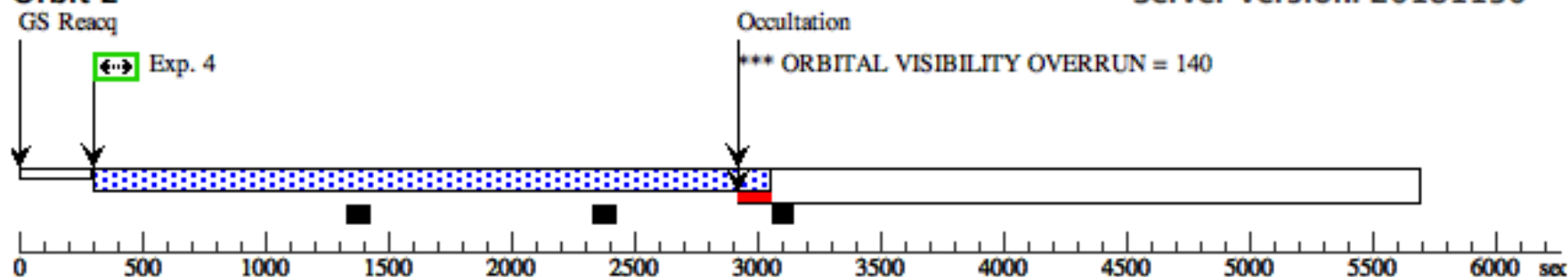
Orbit 1

Server Version: 20181130



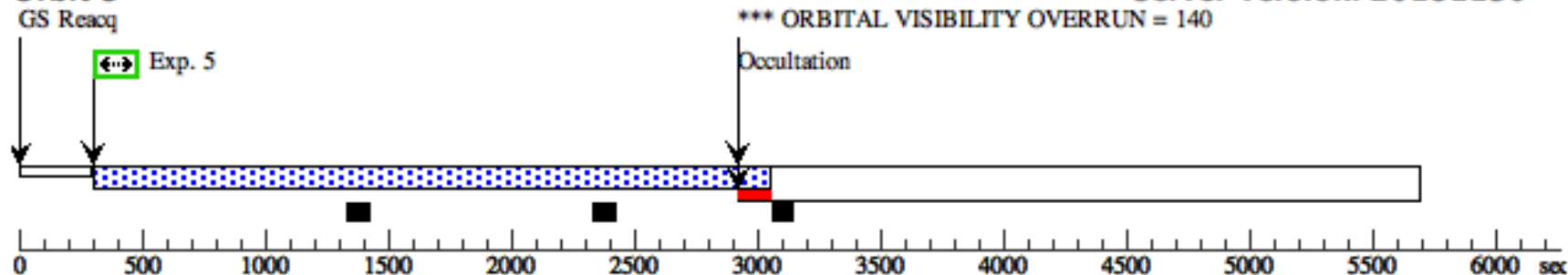
Orbit 2

Server Version: 20181130



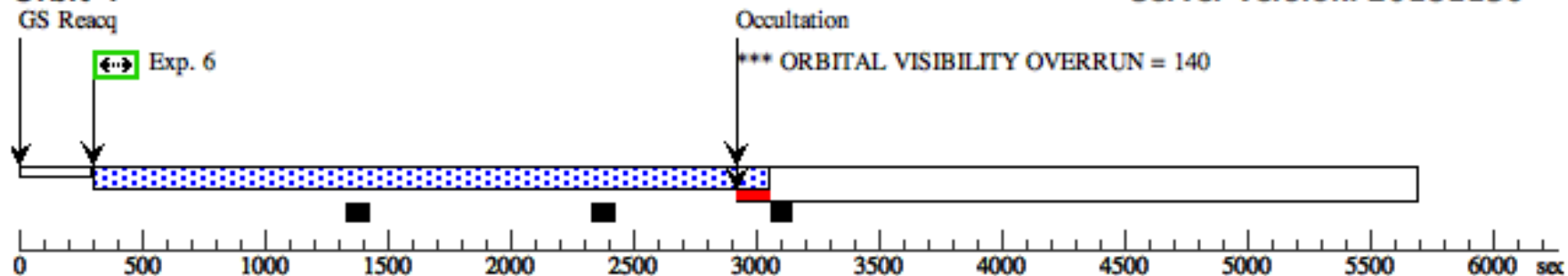
Orbit 3

Server Version: 20181130



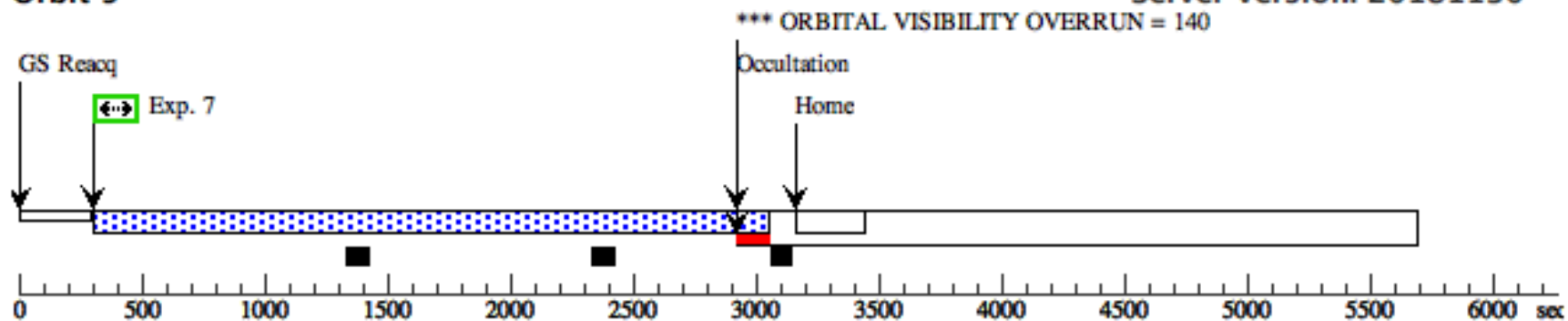
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - GJ-436 COS/G130M x3 (12) - The Panchromatic Comparative Exoplanetary Treasury Program

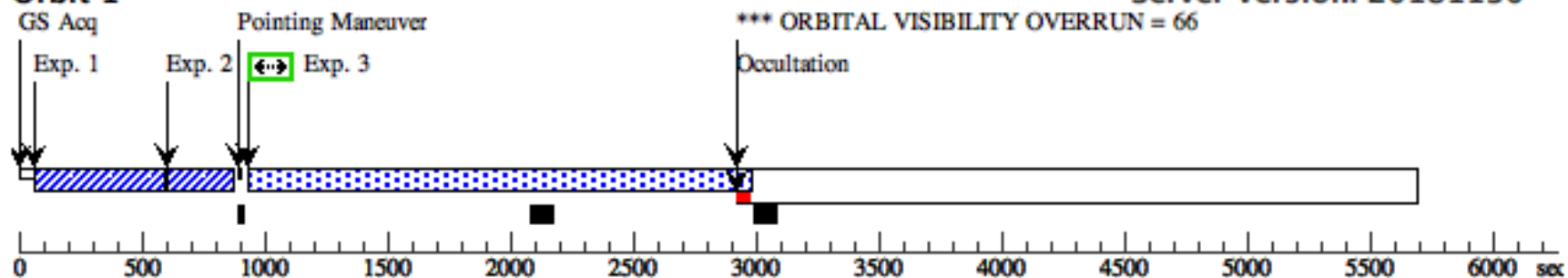
Visit	Proposal 14767, GJ-436 COS/G130M x3 (12), failed					Wed Jun 05 15:14:58 GMT 2019
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; Period 2.64389803 D AND ZERO-PHASE HJD2454865.084034 Comments: It is essential that the five orbits be scheduled in a continuous block.					
Diagnostics	(GJ-436 COS/G130M x3 (12)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(GJ-436 COS/G130M x3 (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-436 COS/G130M x3 (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-436 COS/G130M x3 (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-436 COS/G130M x3 (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-436 COS/G130M x3 (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	GJ-436	RA: 11 42 11.0940 (175.5462250d)	Proper Motion RA: 896.07 mas/yr	V=10.59	Reference Frame: ICRS
			Dec: +26 42 23.65 (26.70657d)	Proper Motion Dec: -813.54 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
Description=[EXTRA-SOLAR PLANETARY SYSTEM, M V-IV]						
Extended=NO						

Proposal 14767 - GJ-436 COS/G130M x3 (12) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PeakX D (COS.sa.103 0331)	(3) GJ-436	COS/NUV, ACQ/PEAKXD, PSA	G230L 2950 A		PHASE 0.966 TO 0. 971	Sequence 1-3 Non-In t in GJ-436 COS/G1 30M x3 (12)	240 Secs (240 Secs) [==>]	[1]
	2	ACQ/PeakD (COS.sa.103 0168)	(3) GJ-436	COS/NUV, ACQ/PEAKD, PSA	G230L 3360 A	NUM-POS=3; STEP-SIZE=1.3; CENTER=FLUX-W T		Sequence 1-3 Non-In t in GJ-436 COS/G1 30M x3 (12)	34 Secs (34 Secs) [==>]	[1]
	3	SCI_1 (COS.sp.824 945)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 1-3 Non-In t in GJ-436 COS/G1 30M x3 (12)	1881 Secs (1881 Secs) [==>]	[1]
	4	SCI_2 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 4-4 Non-In t in GJ-436 COS/G1 30M x3 (12)	2702 Secs (2702 Secs) [==>]	[2]
	5	SCI_3 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 5-5 Non-In t in GJ-436 COS/G1 30M x3 (12)	2702 Secs (2702 Secs) [==>]	[3]
	6	SCI_4 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 6-6 Non-In t in GJ-436 COS/G1 30M x3 (12)	2702 Secs (2702 Secs) [==>]	[4]
	7	SCI_5 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 7-7 Non-In t in GJ-436 COS/G1 30M x3 (12)	2702 Secs (2702 Secs) [==>]	[5]

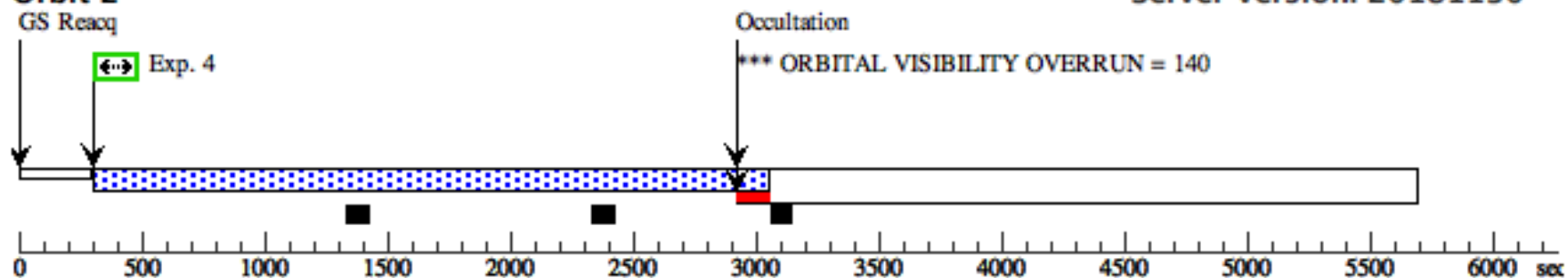
Orbit 1

Server Version: 20181130



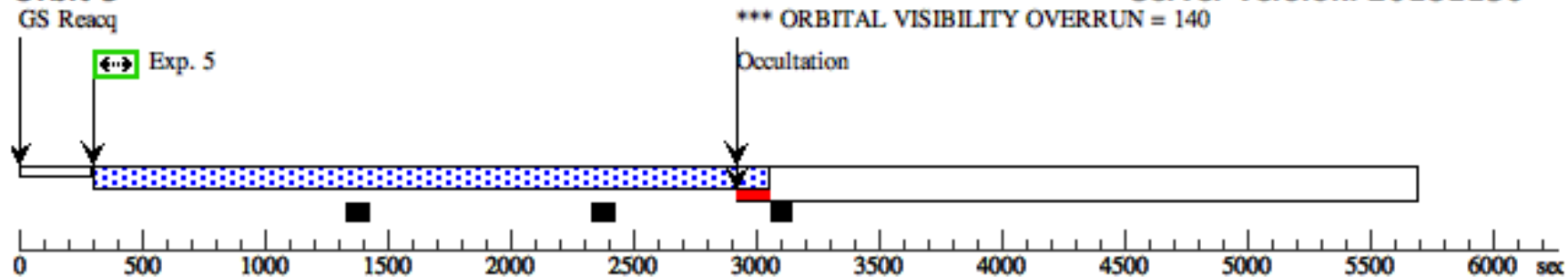
Orbit 2

Server Version: 20181130



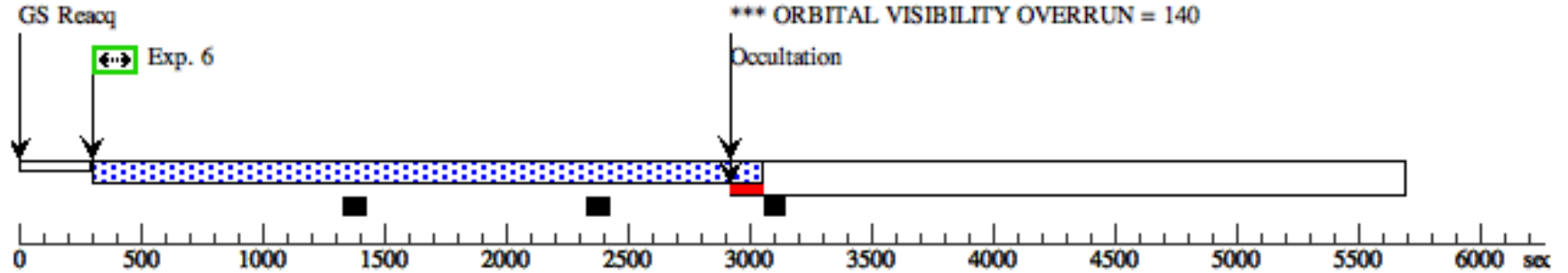
Orbit 3

Server Version: 20181130



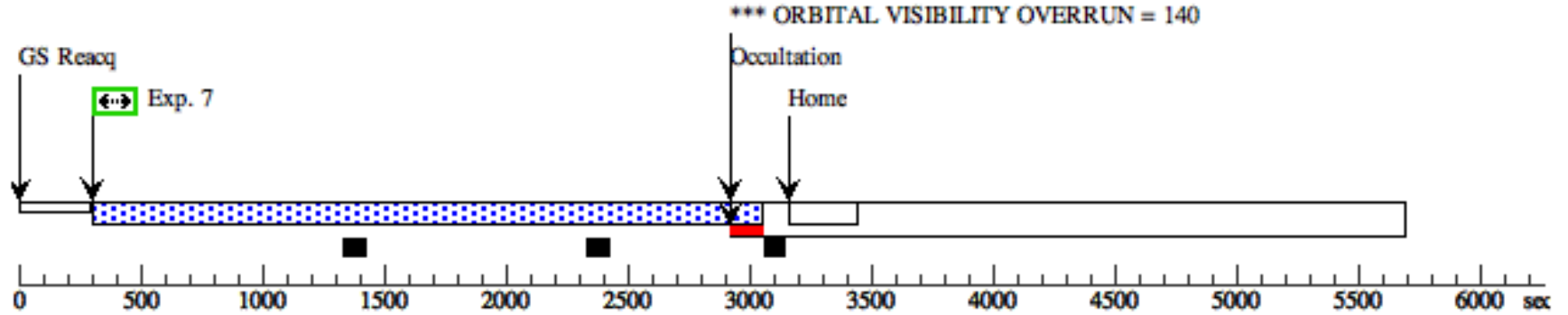
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - GJ-436 COS/G130M x3 (repeat) (G2) - The Panchromatic Comparative Exoplanetary Treasury Program

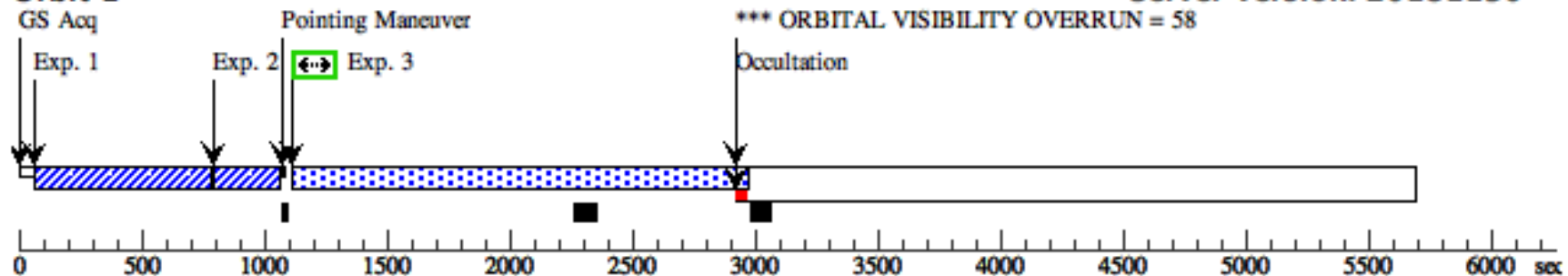
Visit	Proposal 14767, GJ-436 COS/G130M x3 (repeat) (G2), completed					Wed Jun 05 15:14:58 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; Period 2.64389803 D AND ZERO-PHASE HJD2454865.084034					
Comments: It is essential that the five orbits be scheduled in a continuous block.						
Diagnostics	(GJ-436 COS/G130M x3 (repeat) (G2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(GJ-436 COS/G130M x3 (repeat) (G2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-436 COS/G130M x3 (repeat) (G2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-436 COS/G130M x3 (repeat) (G2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-436 COS/G130M x3 (repeat) (G2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(GJ-436 COS/G130M x3 (repeat) (G2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	GJ-436	RA: 11 42 11.0940 (175.5462250d)	Proper Motion RA: 896.07 mas/yr	V=10.59	Reference Frame: ICRS
			Dec: +26 42 23.65 (26.70657d)	Proper Motion Dec: -813.54 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
Category=STAR						
Description=[EXTRA-SOLAR PLANETARY SYSTEM, M V-IV]						
Extended=NO						

Proposal 14767 - GJ-436 COS/G130M x3 (repeat) (G2) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PeakX D (COS.sa.104 2019)	(3) GJ-436	COS/NUV, ACQ/PEAKXD, PSA	G230L 2950 A		PHASE 0.966 TO 0. 971	Sequence 1-3 Non-In t in GJ-436 COS/G1 30M x3 (repeat) (G2)	425 Secs (425 Secs) [==>]	[1]
	Comments: Exp. time increased (from 240s by factor of 1600/900) to obtain S/N=40.									
	2	ACQ/PeakD (COS.sa.103 0168)	(3) GJ-436	COS/NUV, ACQ/PEAKD, PSA	G230L 3360 A	NUM-POS=3; STEP-SIZE=1.3; CENTER=FLUX-W T		Sequence 1-3 Non-In t in GJ-436 COS/G1 30M x3 (repeat) (G2)	34 Secs (34 Secs) [==>]	[1]
	3	SCI_1 (COS.sp.824 945)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 1-3 Non-In t in GJ-436 COS/G1 30M x3 (repeat) (G2)	1688 Secs (1688 Secs) [==>]	[1]
	4	SCI_2 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 4-4 Non-In t in GJ-436 COS/G1 30M x3 (repeat) (G2)	2702 Secs (2702 Secs) [==>]	[2]
	5	SCI_3 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 5-5 Non-In t in GJ-436 COS/G1 30M x3 (repeat) (G2)	2702 Secs (2702 Secs) [==>]	[3]
	6	SCI_4 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 6-6 Non-In t in GJ-436 COS/G1 30M x3 (repeat) (G2)	2702 Secs (2702 Secs) [==>]	[4]
	7	SCI_5 (COS.sp.824 918)	(3) GJ-436	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=10 00; FP-POS=3; LIFETIME-POS=L P4		Sequence 7-7 Non-In t in GJ-436 COS/G1 30M x3 (repeat) (G2)	2702 Secs (2702 Secs) [==>]	[5]

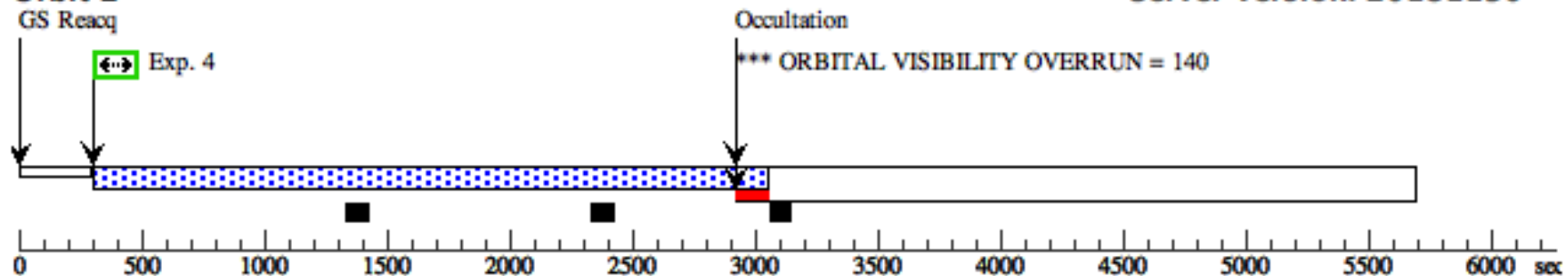
Orbit 1

Server Version: 20181130



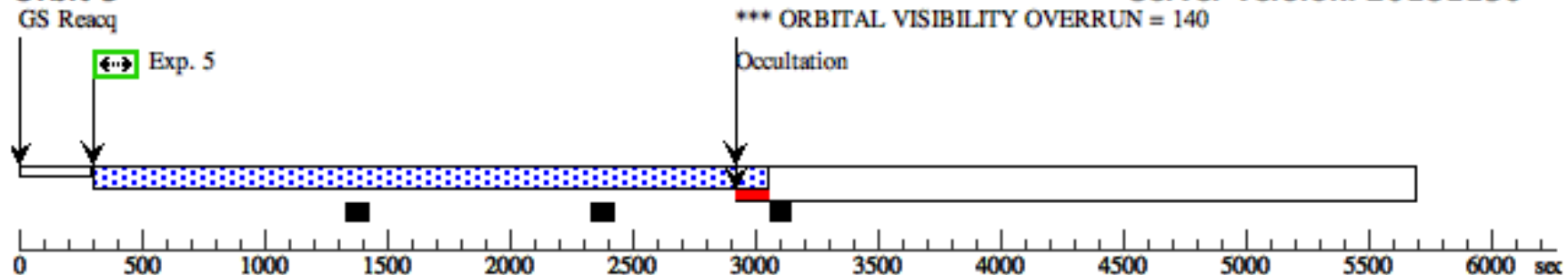
Orbit 2

Server Version: 20181130



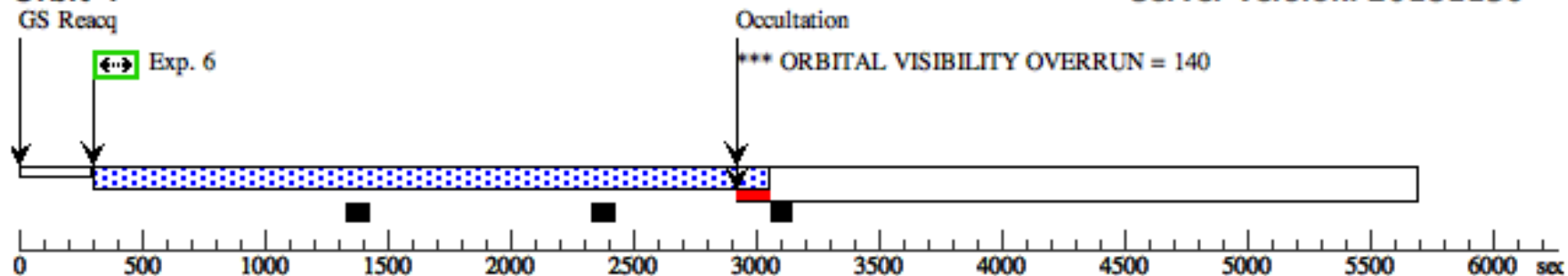
Orbit 3

Server Version: 20181130



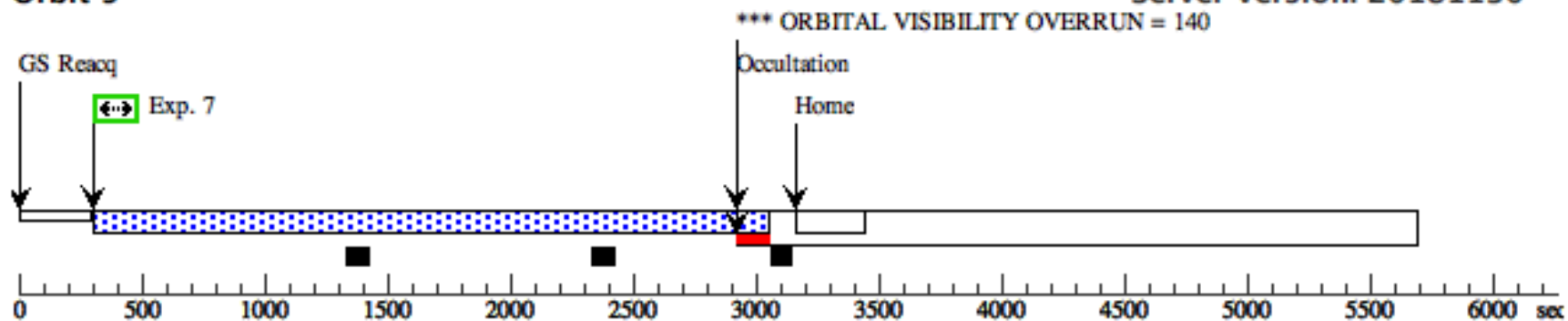
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - HAT-P-26 G430L (13) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-26 G430L (13), completed	Wed Jun 05 15:14:58 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 4.23450096 D AND ZERO-PHASE HJD2455304.65215837	
	Comments: HAT-P-26. G430L. STIS visit. It is essential that the five orbits be scheduled in a continuous block.	

[illegible]

Proposal 14767 - HAT-P-26 G430L (13) - The Panchromatic Comparative Exoplanetary Treasury Program

(HAT-P-26 G430L (13)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
(HAT-P-26 G430L (13)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	HAT-P-26	RA: 14 12 37.5370 (213.1564042d)	Proper Motion RA: 39.1 mas/yr	V=11.76	Reference Frame: ICRS
			Dec: +04 03 36.13 (4.06004d)	Proper Motion Dec: -144.3 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - HAT-P-26 G430L (13) - The Panchromatic Comparative Exoplanetary Treasury Program

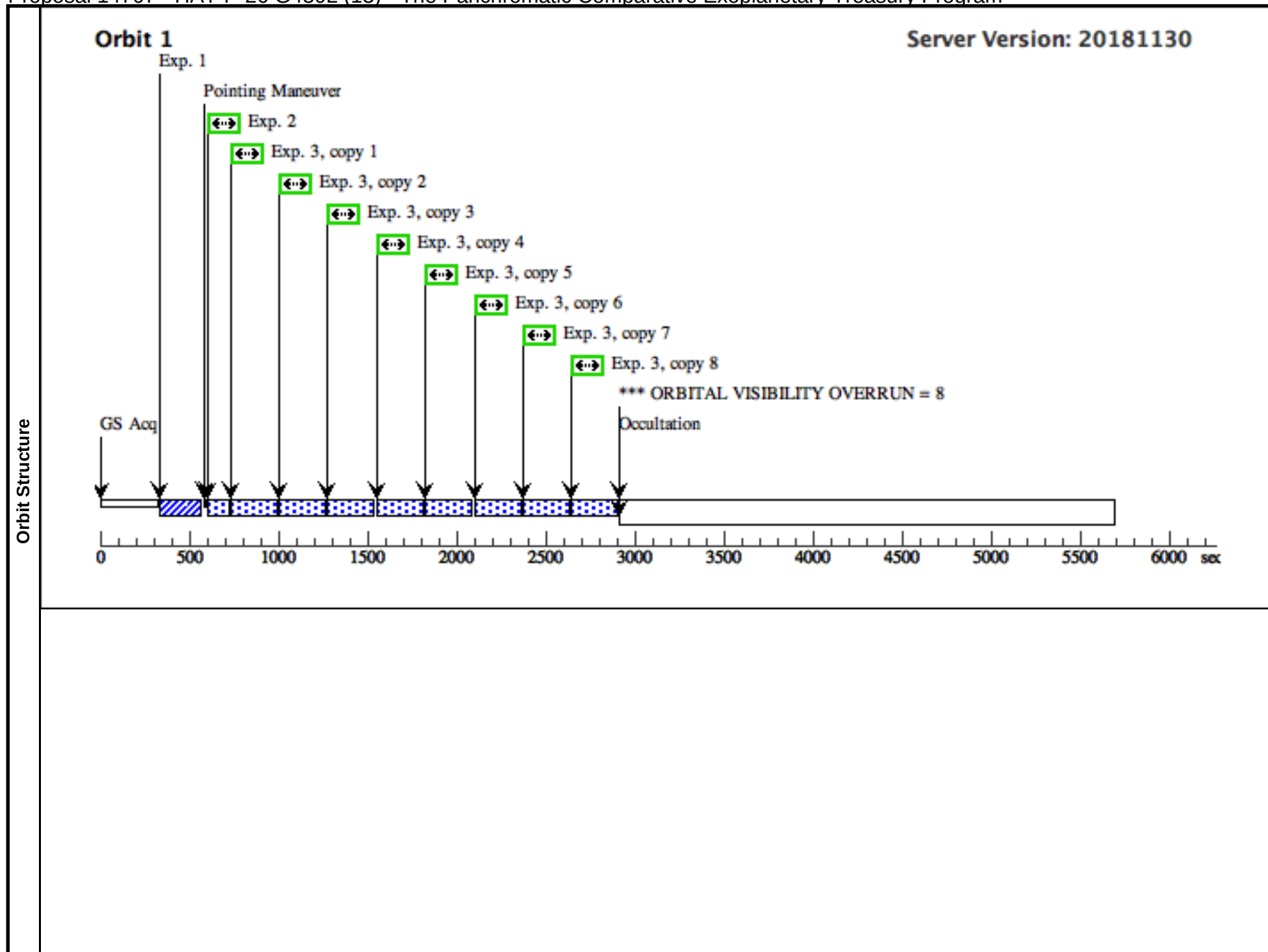
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.72 0208)	(4) HAT-P-26	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9555 TO 0.958	Sequence 1-3 Non-Int in HAT-P-26 G430L (13)	1.5 Secs (1.5 Secs) [==>]	[1]
	2	HAT-P-26 G430L Orbit 1	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-26 G430L (13)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	HAT-P-26 G430L Orbit 1	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-26 G430L (13)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	HAT-P-26 G430L Orbit 2	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-26 G430L (13)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	HAT-P-26 G430L Orbit 2	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-26 G430L (13)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	HAT-P-26 G430L Orbit 3	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in HAT-P-26 G430L (13)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - HAT-P-26 G430L (13) - The Panchromatic Comparative Exoplanetary Treasury Program

7	HAT-P-26 G430L Orbit 3	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in HAT-P-26 G430L (13)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	HAT-P-26 G430L Orbit 4	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-26 G430L (13)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	HAT-P-26 G430L Orbit 4	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-26 G430L (13)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	HAT-P-26 G430L Orbit 5	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in HAT-P-26 G430L (13)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	HAT-P-26 G430L Orbit 5	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in HAT-P-26 G430L (13)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

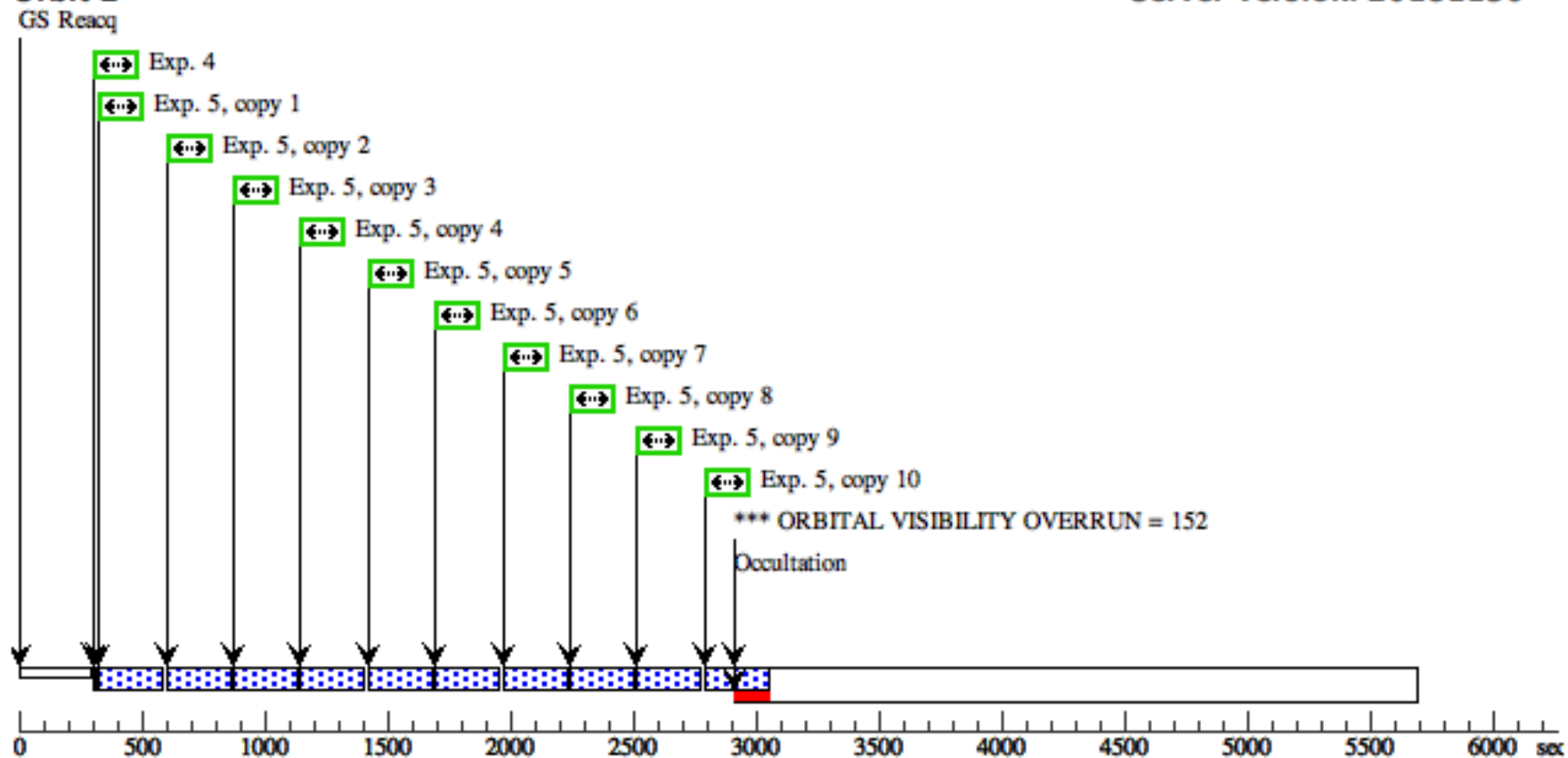
Proposal 14767 - HAT-P-26 G430L (13) - The Panchromatic Comparative Exoplanetary Treasury Program

	12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	Sequence 10-12 Non -Int in HAT-P-26 G4 30L (13)	[==>]	[5]
							Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle	



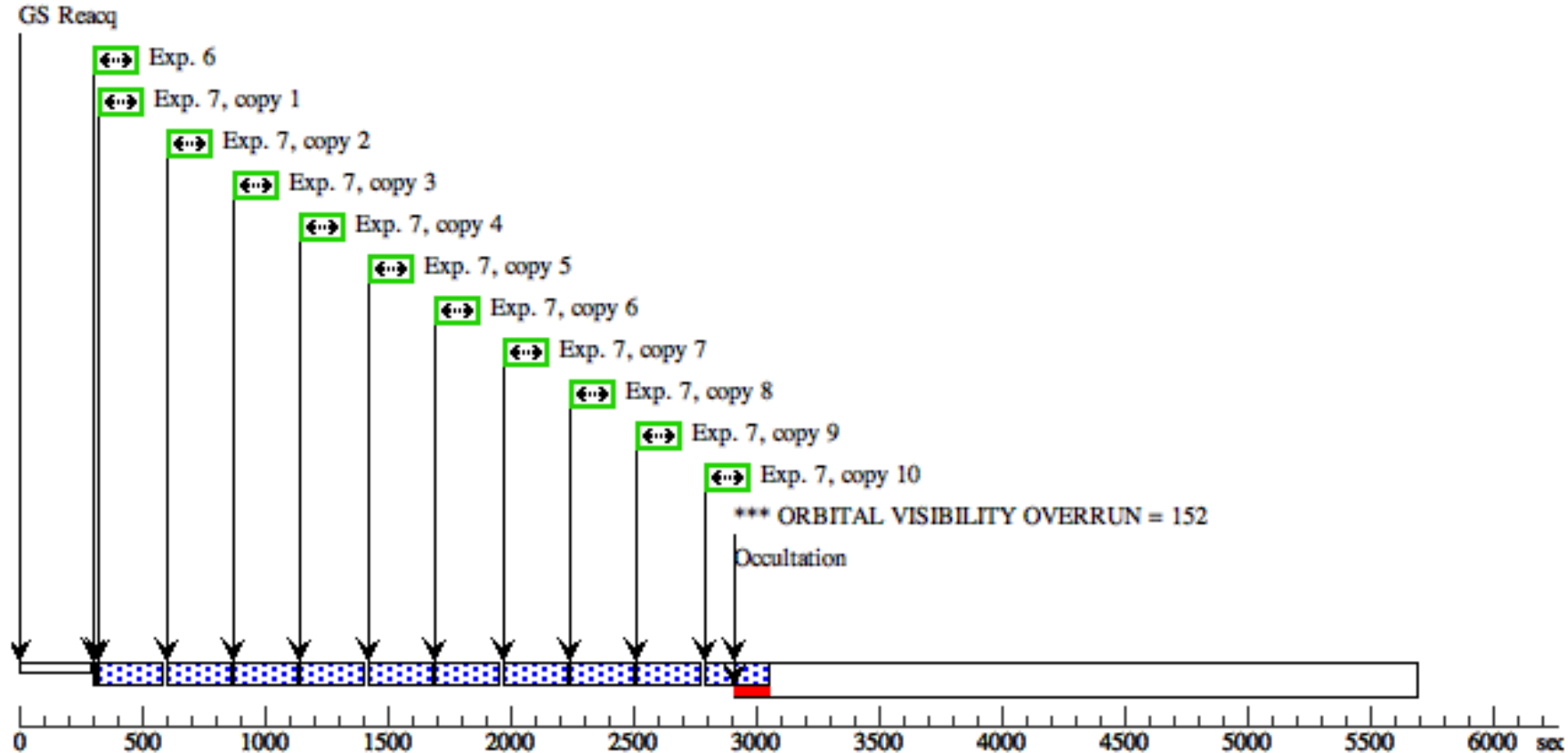
Orbit 2

Server Version: 20181130



Orbit 3

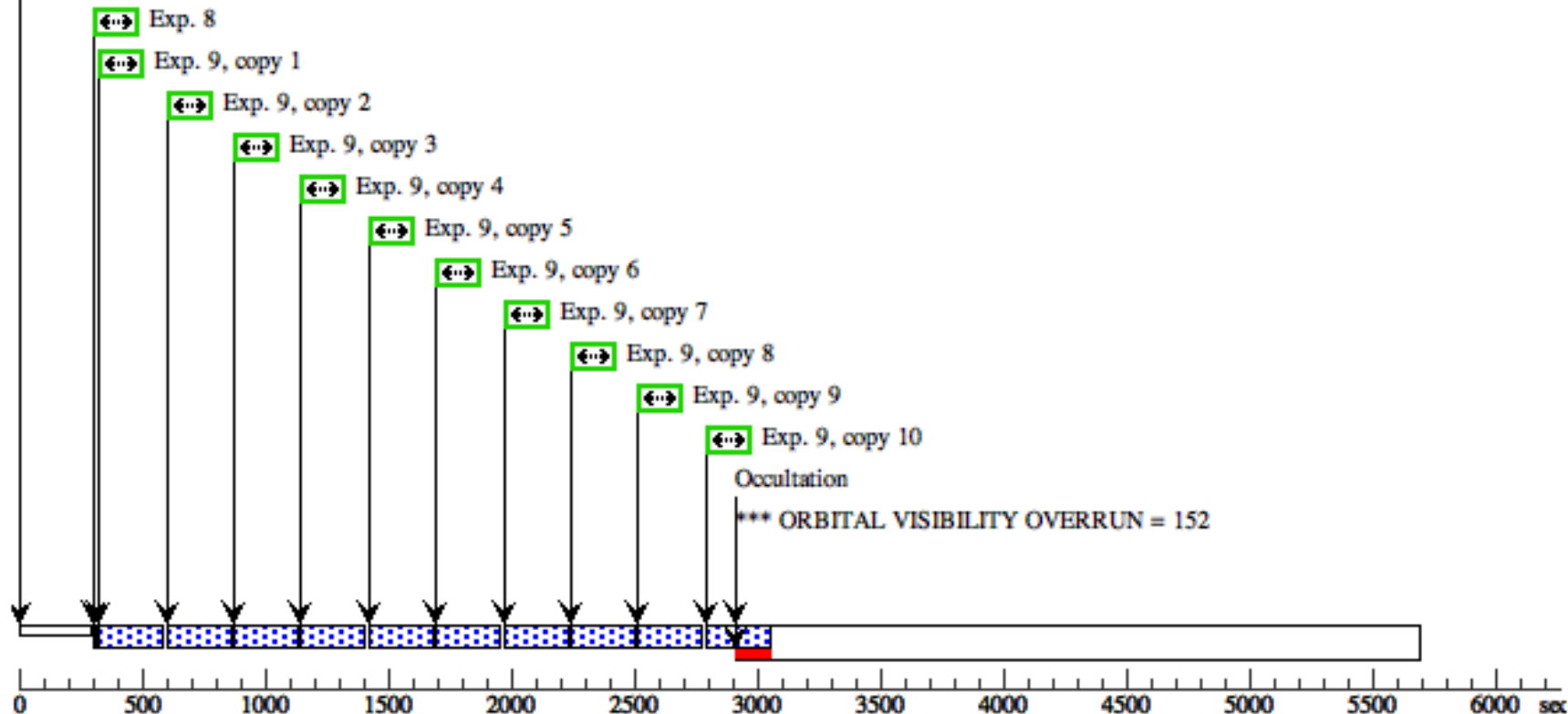
Server Version: 20181130

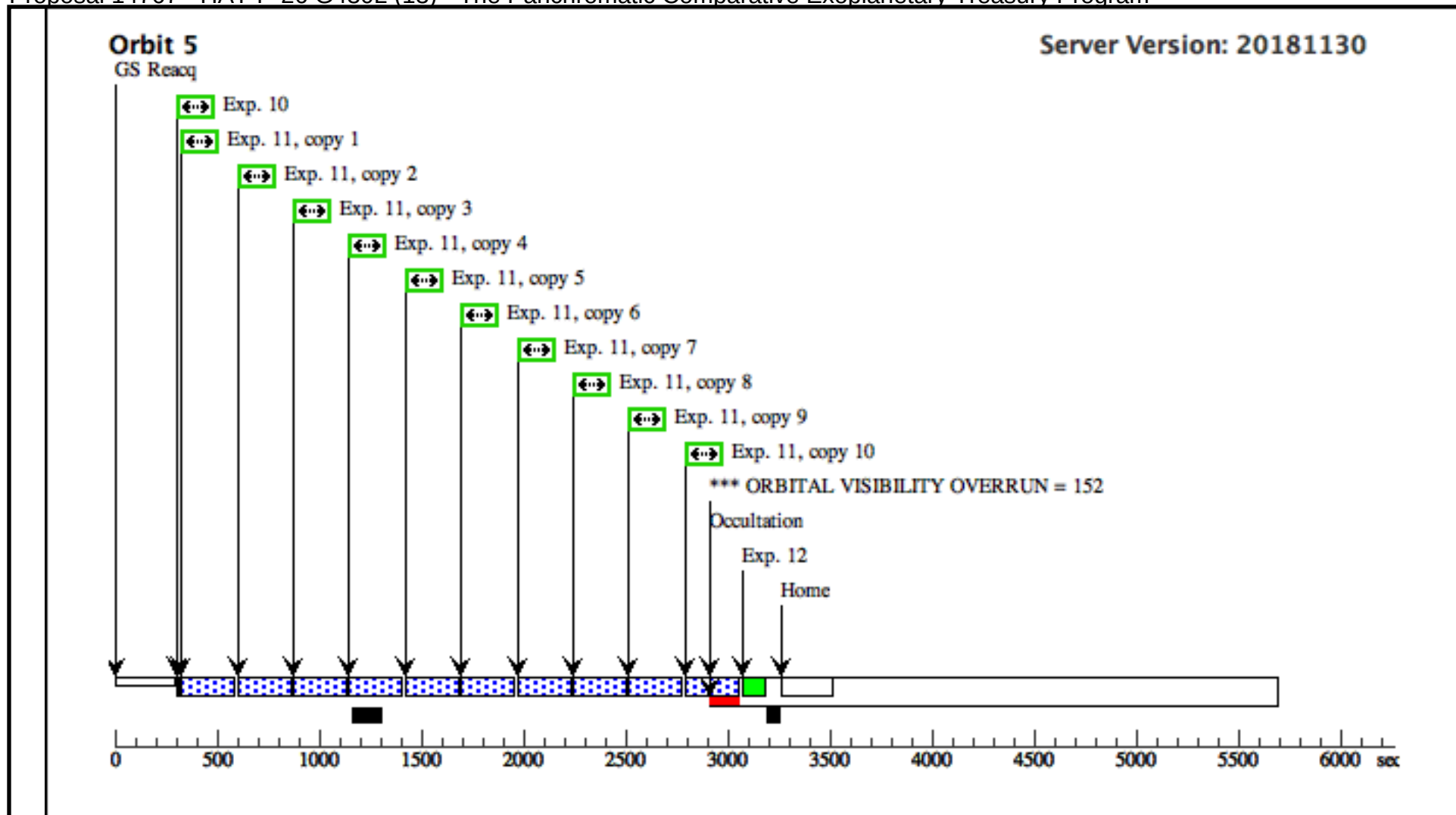


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - HAT-P-26 G430L x2 (14) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-26 G430L x2 (14), completed	Wed Jun 05 15:14:59 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 4.23450096 D AND ZERO-PHASE HJD2455304.65215837	
	Comments: HAT-P-26. G430L. STIS visit. It is essential that the five orbits be scheduled in a continuous block.	

[illegible]

Proposal 14767 - HAT-P-26 G430L x2 (14) - The Panchromatic Comparative Exoplanetary Treasury Program

(HAT-P-26 G430L x2 (14)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
(HAT-P-26 G430L x2 (14)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	HAT-P-26	RA: 14 12 37.5370 (213.1564042d)	Proper Motion RA: 39.1 mas/yr	V=11.76	Reference Frame: ICRS
			Dec: +04 03 36.13 (4.06004d)	Proper Motion Dec: -144.3 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - HAT-P-26 G430L x2 (14) - The Panchromatic Comparative Exoplanetary Treasury Program

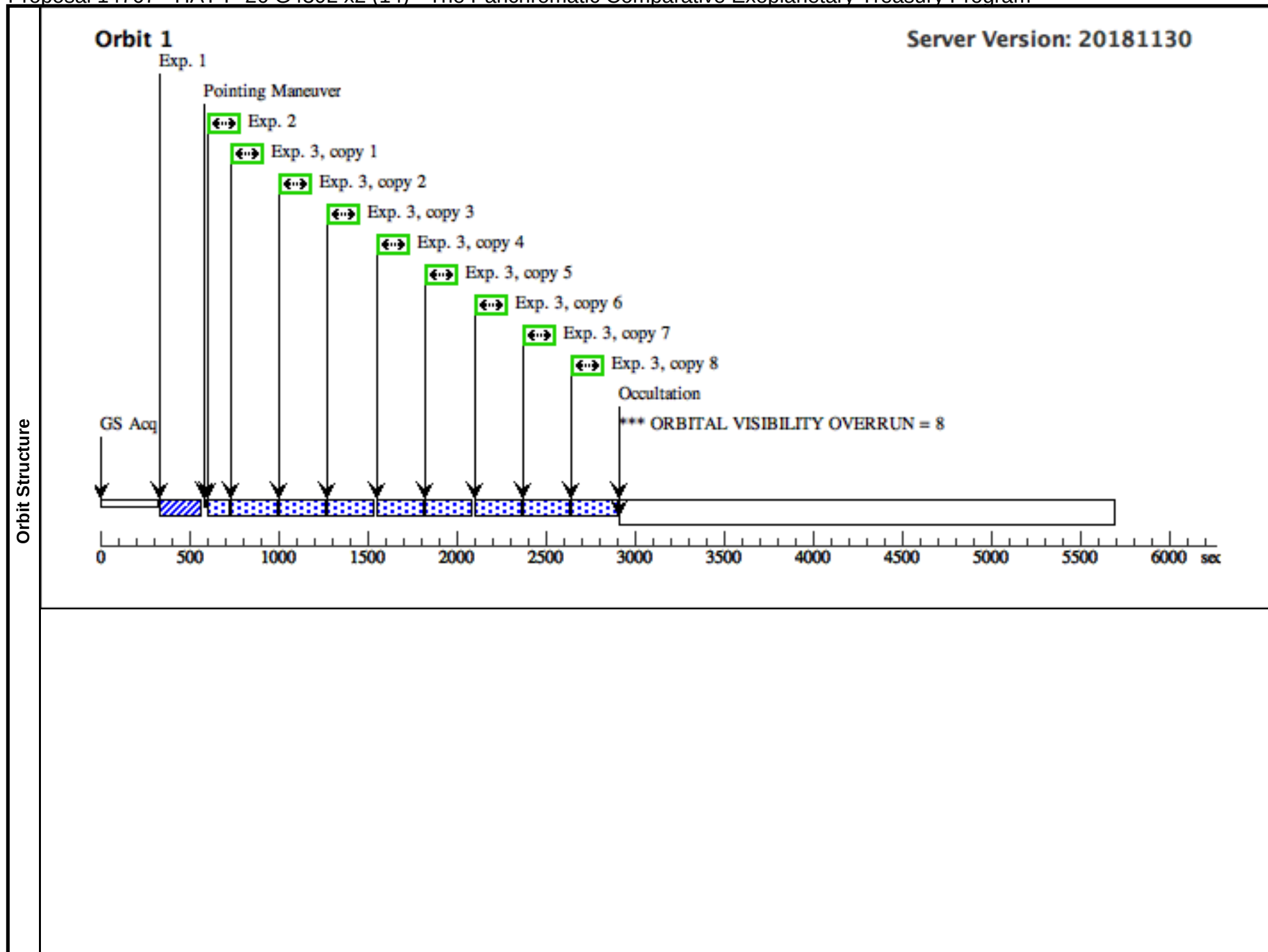
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.72 0208)	(4) HAT-P-26	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9555 TO 0.958	Sequence 1-3 Non-Int in HAT-P-26 G430L x2 (14)	1.5 Secs (1.5 Secs) [==>]	[1]
	2	HAT-P-26 G430L Orbit 1	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-26 G430L x2 (14)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	HAT-P-26 G430L Orbit 1	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-26 G430L x2 (14)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	HAT-P-26 G430L Orbit 2	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-26 G430L x2 (14)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	HAT-P-26 G430L Orbit 2	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-26 G430L x2 (14)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	HAT-P-26 G430L Orbit 3	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in HAT-P-26 G430L x2 (14)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - HAT-P-26 G430L x2 (14) - The Panchromatic Comparative Exoplanetary Treasury Program

7	HAT-P-26 G430L Orbit 3	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in HAT-P-26 G430L x2 (14)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	HAT-P-26 G430L Orbit 4	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-26 G430L x2 (14)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	HAT-P-26 G430L Orbit 4	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-26 G430L x2 (14)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	HAT-P-26 G430L Orbit 5	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in HAT-P-26 G430L x2 (14)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	HAT-P-26 G430L Orbit 5	(4) HAT-P-26	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in HAT-P-26 G430L x2 (14)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - HAT-P-26 G430L x2 (14) - The Panchromatic Comparative Exoplanetary Treasury Program

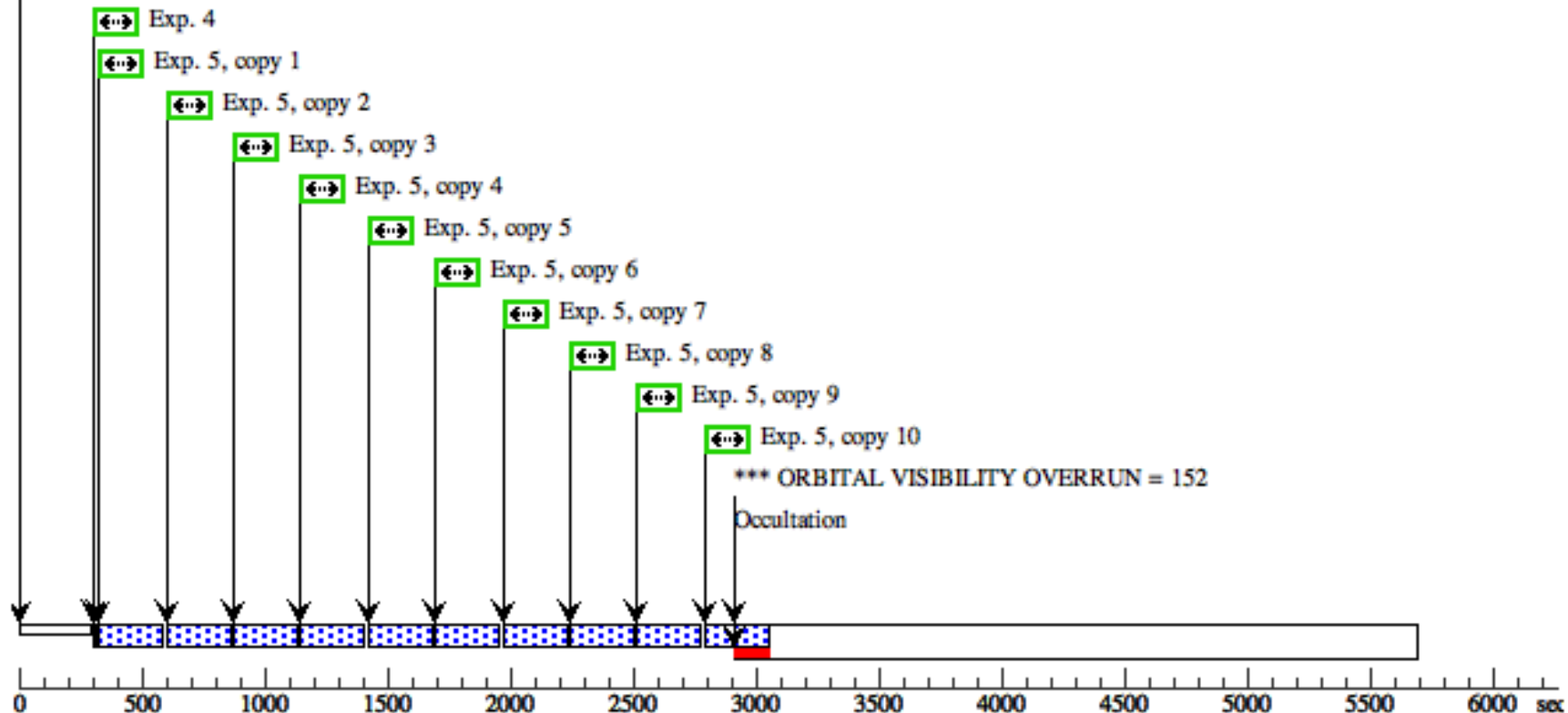
	12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	Sequence 10-12 Non -Int in HAT-P-26 G4 30L x2 (14)	[==>]	[5]
							Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle	



Orbit 2

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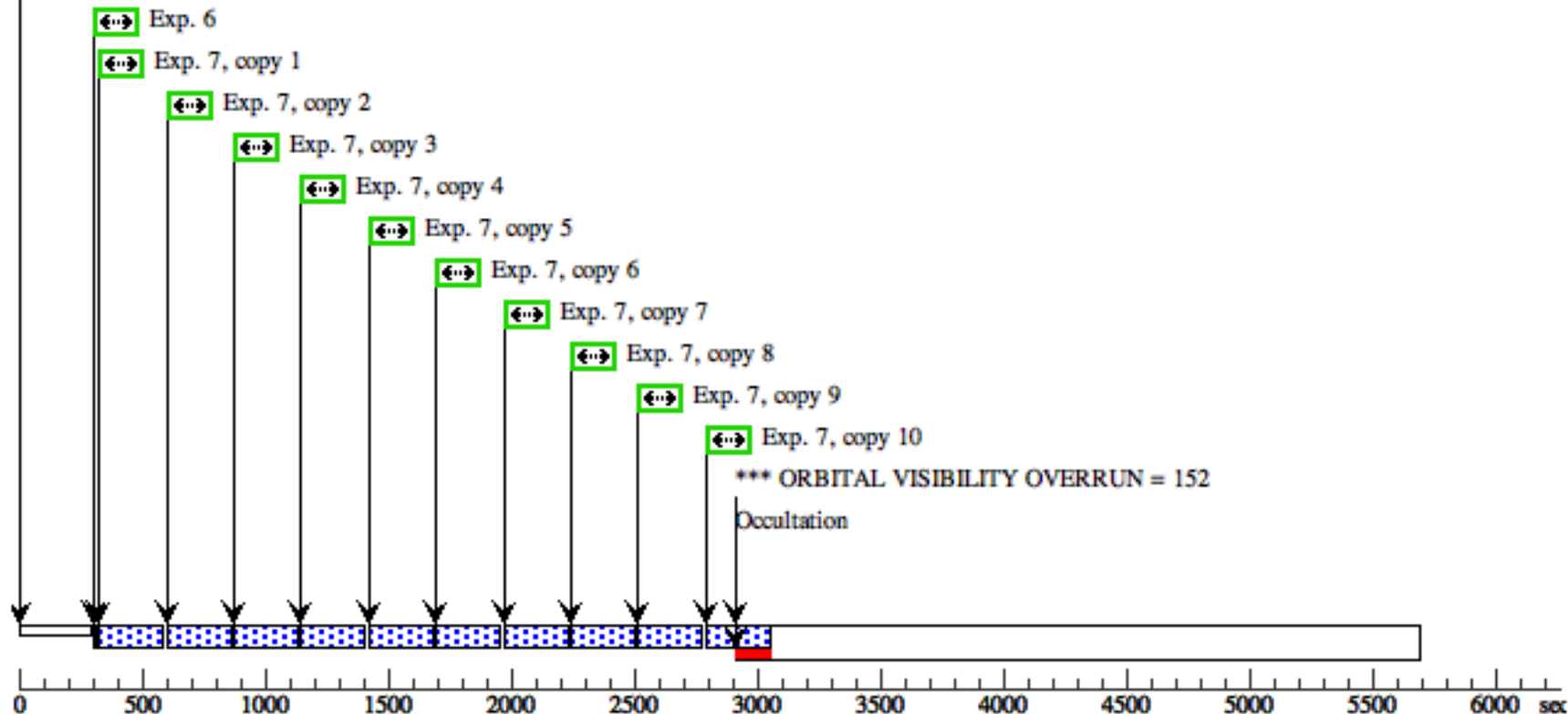
GS Reacq



Orbit 3

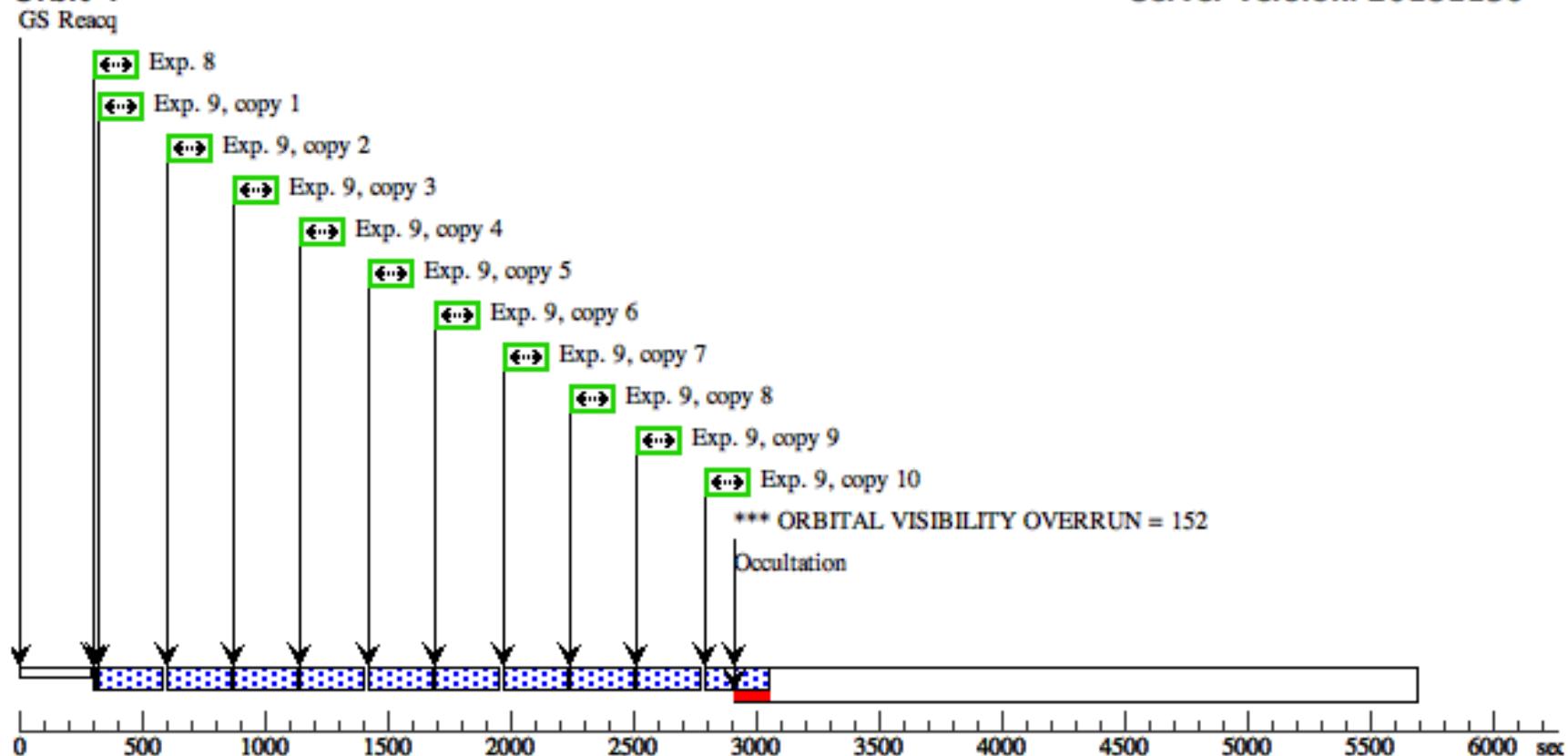
Server Version: 20181130

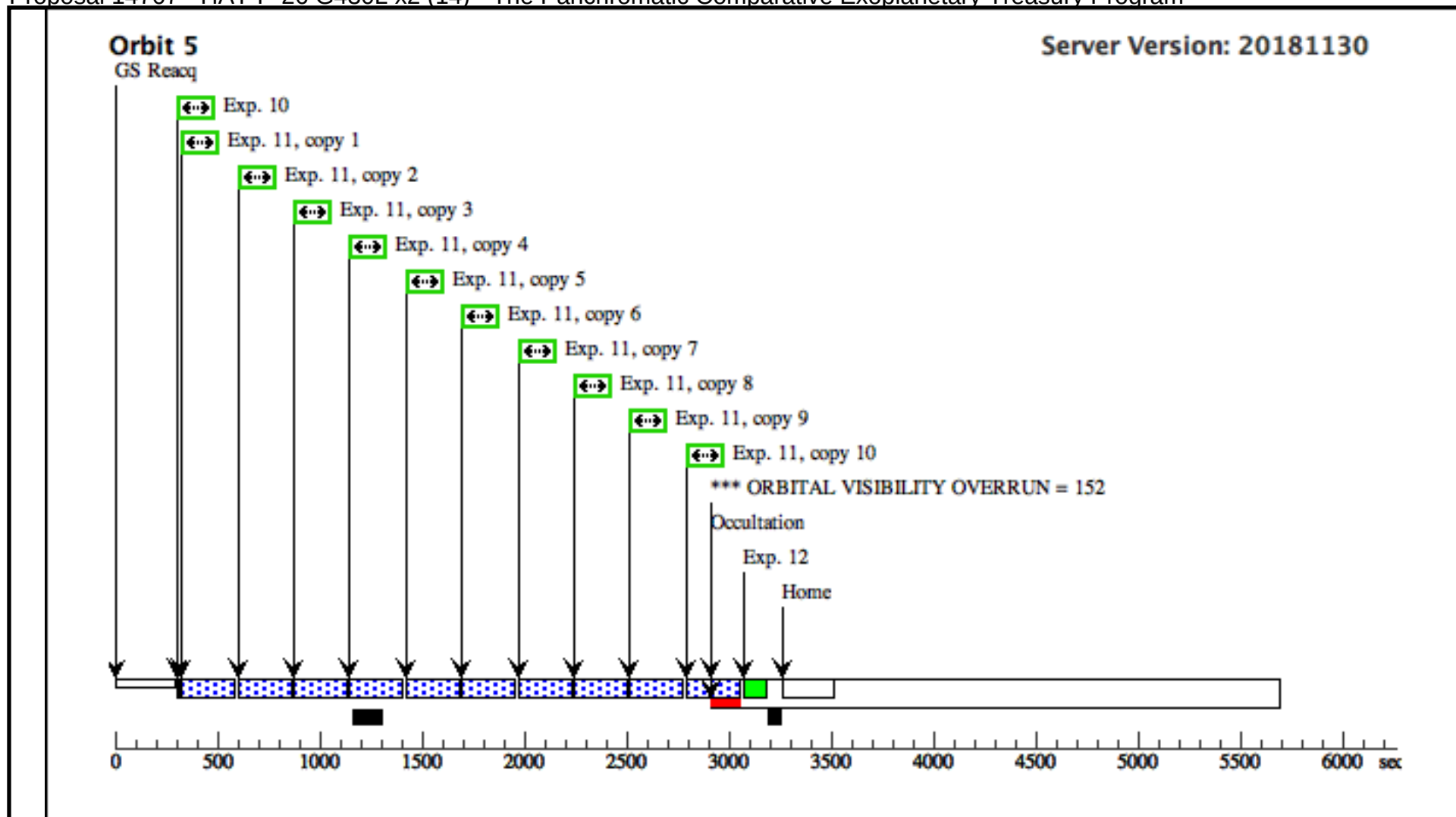
GS Reacq



Orbit 4

Server Version: 20181130





Proposal 14767 - HAT-P-11 STIS/G140M x1 (15) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-11 STIS/G140M x1 (15), completed					Wed Jun 05 15:14:59 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA					
	Special Requirements: SCHED 100%; Period 4.887804 D AND ZERO-PHASE HJD2454605.89132					
	Comments: It is essential that the five orbits be scheduled in a continuous block.					
Diagnostics	(HAT-P-11 STIS/G140M x1 (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-11 STIS/G140M x1 (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-11 STIS/G140M x1 (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-11 STIS/G140M x1 (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-11 STIS/G140M x1 (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	HAT-P-11	RA: 19 50 50.2477 (297.7093654d)	Proper Motion RA: 127.20 mas/yr	V=9.59	Reference Frame: ICRS
			Dec: +48 04 51.09 (48.08086d)	Proper Motion Dec: 231.23 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
Category=STAR						
Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]						
Extended=NO						

Proposal 14767 - HAT-P-11 STIS/G140M x1 (15) - The Panchromatic Comparative Exoplanetary Treasury Program

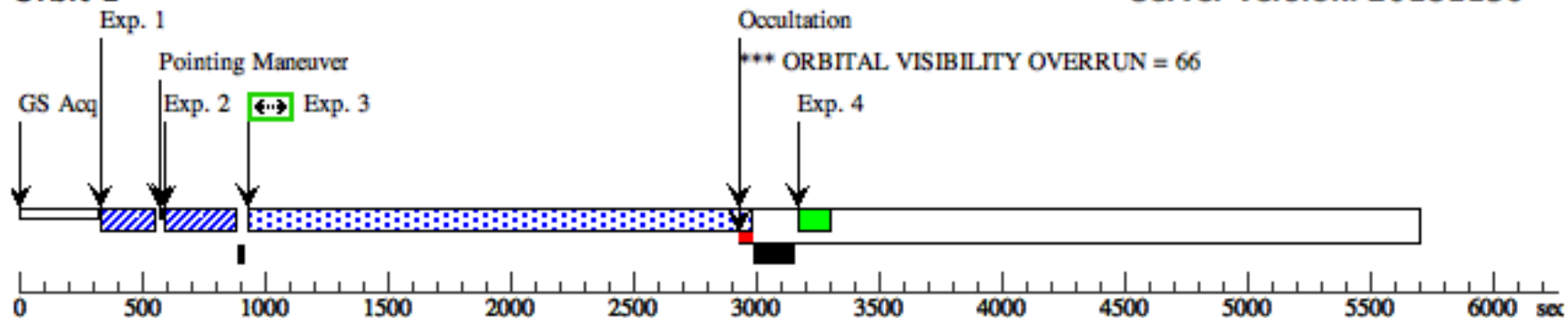
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.ta.825 271)	(5) HAT-P-11	STIS/CCD, ACQ, F28X50LP	MIRROR		PHASE 0.961 TO 0.964	Sequence 1-4 Non-Int in HAT-P-11 STIS/G140M x1 (15)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.19 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.47, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	ACQ/PEAK (STIS.ta.828 014)	(5) HAT-P-11	STIS/CCD, ACQ/PEAK, 52X0.05	MIRROR			Sequence 1-4 Non-Int in HAT-P-11 STIS/G140M x1 (15)	0.1 Secs (0.1 Secs) [==>]	[1]
	3	HAT-P-11 S TIS/G140M orbit 1 (STIS.sp.82 7199)	(5) HAT-P-11	STIS/FUV-MAMA, TIME-TAG, 52X0.05	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in HAT-P-11 STIS/G140M x1 (15)	1900 Secs (1917 Secs) [==>1917.0 Secs]	[1]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									
	4	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in HAT-P-11 STIS/G140M x1 (15)	[==>]	[1]
	5	ACQ/PEAK (STIS.ta.828 014)	(5) HAT-P-11	STIS/CCD, ACQ/PEAK, 52X0.05	MIRROR			Sequence 5-7 Non-Int in HAT-P-11 STIS/G140M x1 (15)	0.1 Secs (0.1 Secs) [==>]	[2]
	6	HAT-P-11 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(5) HAT-P-11	STIS/FUV-MAMA, TIME-TAG, 52X0.05	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in HAT-P-11 STIS/G140M x1 (15)	2160 Secs (2178 Secs) [==>2178.0 Secs]	[2]
	7	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in HAT-P-11 STIS/G140M x1 (15)	[==>]	[2]
	8	ACQ/PEAK (STIS.ta.828 014)	(5) HAT-P-11	STIS/CCD, ACQ/PEAK, 52X0.05	MIRROR			Sequence 8-10 Non-Int in HAT-P-11 STIS/G140M x1 (15)	0.1 Secs (0.1 Secs) [==>]	[3]
	9	HAT-P-11 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(5) HAT-P-11	STIS/FUV-MAMA, TIME-TAG, 52X0.05	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in HAT-P-11 STIS/G140M x1 (15)	2160 Secs (2178 Secs) [==>2178.0 Secs]	[3]
	10	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in HAT-P-11 STIS/G140M x1 (15)	[==>]	[3]
	11	ACQ/PEAK (STIS.ta.828 014)	(5) HAT-P-11	STIS/CCD, ACQ/PEAK, 52X0.05	MIRROR			Sequence 11-13 Non-Int in HAT-P-11 STIS/G140M x1 (15)	0.1 Secs (0.1 Secs) [==>]	[4]
	12	HAT-P-11 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(5) HAT-P-11	STIS/FUV-MAMA, TIME-TAG, 52X0.05	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in HAT-P-11 STIS/G140M x1 (15)	2160 Secs (2178 Secs) [==>2178.0 Secs]	[4]
	13	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 11-13 Non-Int in HAT-P-11 STIS/G140M x1 (15)	[==>]	[4]
	14	ACQ/PEAK (STIS.ta.828 014)	(5) HAT-P-11	STIS/CCD, ACQ/PEAK, 52X0.05	MIRROR			Sequence 14-16 Non-Int in HAT-P-11 STIS/G140M x1 (15)	0.1 Secs (0.1 Secs) [==>]	[5]

Proposal 14767 - HAT-P-11 STIS/G140M x1 (15) - The Panchromatic Comparative Exoplanetary Treasury Program

	15	HAT-P-11 S (5) HAT-P-11 TIS/G140M orbit 2 (STIS.sp.82 7199)	STIS/FUV-MAMA, TIME-TAG, 52X0.05	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO	Sequence 14-16 Non -Int in HAT-P-11 ST IS/G140M x1 (15)	2160 Secs (2178 Secs) [==>2178.0 Secs]	
	16	GO-WAVE WAVE CAL	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A		Sequence 14-16 Non -Int in HAT-P-11 ST IS/G140M x1 (15)	[==>]	[5]

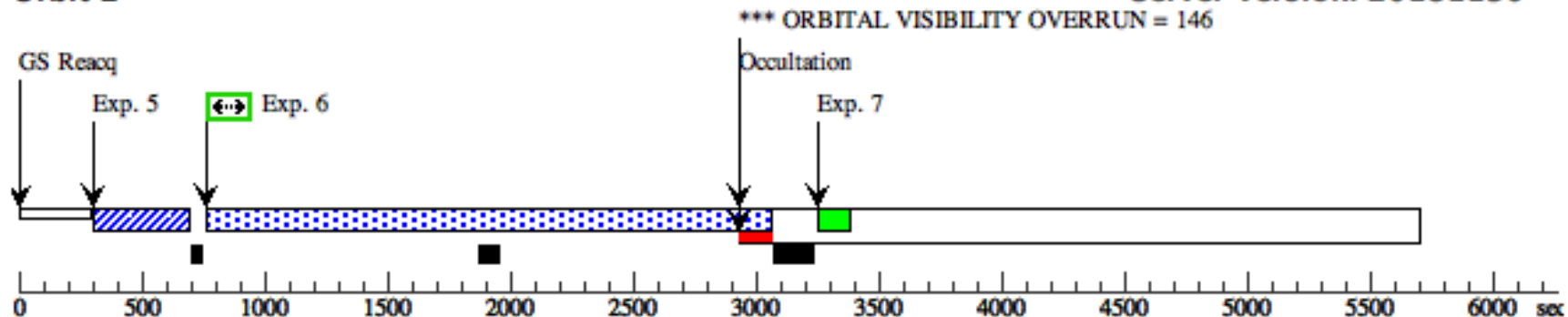
Orbit 1

Server Version: 20181130



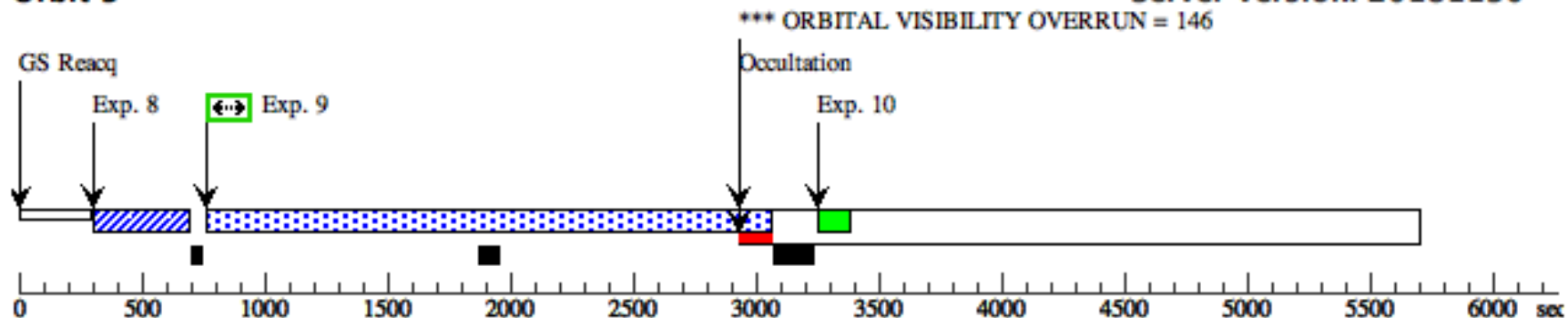
Orbit 2

Server Version: 20181130



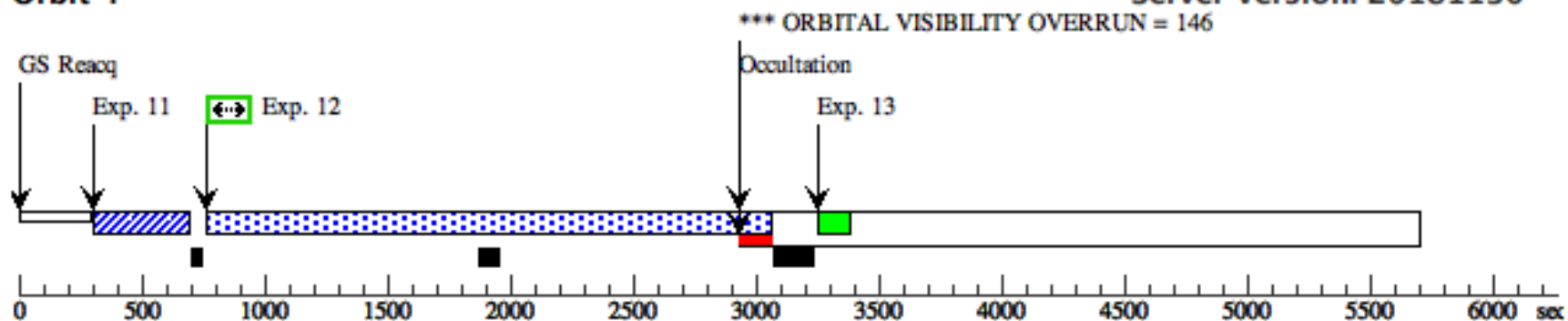
Orbit 3

Server Version: 20181130



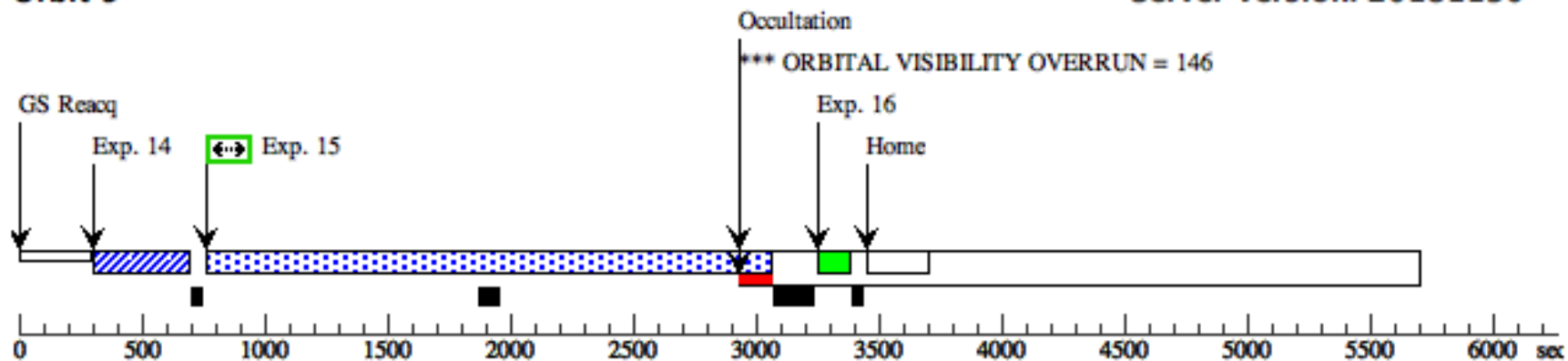
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - HAT-P-11 STIS/G140M x2 (16) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-11 STIS/G140M x2 (16), withdrawn					Wed Jun 05 15:14:59 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA					
	Special Requirements: SCHED 100%; BETWEEN 17-APR-2017 AND 17-OCT-2017; BETWEEN 17-APR-2018 AND 17-OCT-2018; Period 4.887804 D AND ZERO-PHASE HJD2454605.89132					
Diagnostics	Comments: It is essential that the five orbits be scheduled in a continuous block. Schedule within about +/- 3 months from opposition (July 17) to minimize the H I qeocoronal background.					
	(HAT-P-11 STIS/G140M x2 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-11 STIS/G140M x2 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-11 STIS/G140M x2 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-11 STIS/G140M x2 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-11 STIS/G140M x2 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	HAT-P-11	RA: 19 50 50.2477 (297.7093654d)	Proper Motion RA: 127.20 mas/yr	V=9.59	Reference Frame: ICRS
			Dec: +48 04 51.09 (48.08086d)	Proper Motion Dec: 231.23 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]						
Extended=NO						

Proposal 14767 - HAT-P-11 STIS/G140M x2 (16) - The Panchromatic Comparative Exoplanetary Treasury Program

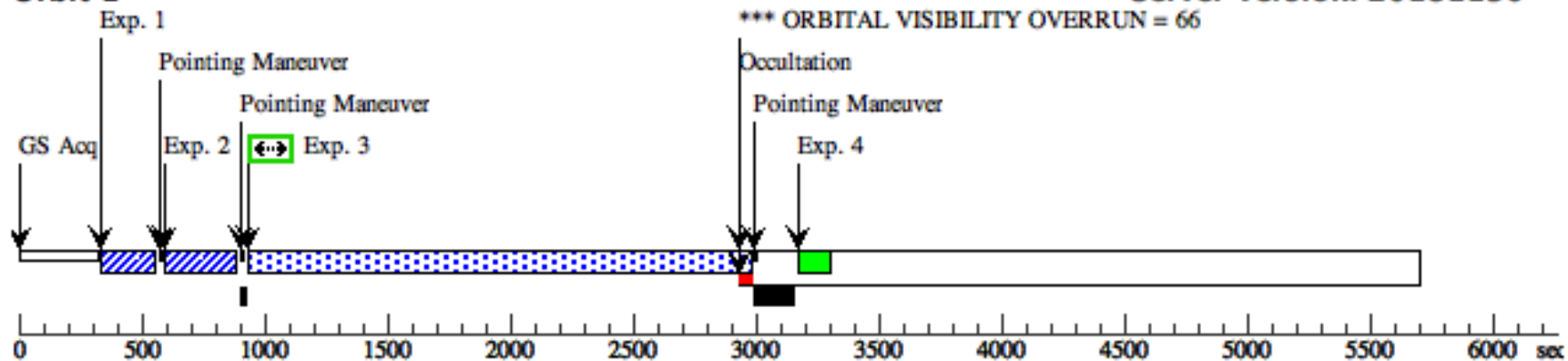
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.ta.825 271)	(5) HAT-P-11	STIS/CCD, ACQ, F28X50LP	MIRROR		PHASE 0.9660 TO 0.9725	Sequence 1-4 Non-Int in HAT-P-11 STIS/G140M x2 (16)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.19 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.47, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	ACQ/PEAK (STIS.ta.828 014)	(5) HAT-P-11	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in HAT-P-11 STIS/G140M x2 (16)	0.1 Secs (0.1 Secs) [==>]	[1]
	3	HAT-P-11 S TIS/G140M orbit 1 (STIS.sp.82 7199)	(5) HAT-P-11	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in HAT-P-11 STIS/G140M x2 (16)	1900 Secs (1909 Secs) [==>1909.0 Secs]	[1]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									
	4	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in HAT-P-11 STIS/G140M x2 (16)	[==>]	[1]
	5	ACQ/PEAK (STIS.ta.828 014)	(5) HAT-P-11	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in HAT-P-11 STIS/G140M x2 (16)	0.1 Secs (0.1 Secs) [==>]	[2]
	6	HAT-P-11 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(5) HAT-P-11	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in HAT-P-11 STIS/G140M x2 (16)	2160 Secs (2178 Secs) [==>2178.0 Secs]	[2]
	7	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in HAT-P-11 STIS/G140M x2 (16)	[==>]	[2]
	8	ACQ/PEAK (STIS.ta.828 014)	(5) HAT-P-11	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in HAT-P-11 STIS/G140M x2 (16)	0.1 Secs (0.1 Secs) [==>]	[3]
	9	HAT-P-11 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(5) HAT-P-11	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in HAT-P-11 STIS/G140M x2 (16)	2160 Secs (2178 Secs) [==>2178.0 Secs]	[3]
	10	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in HAT-P-11 STIS/G140M x2 (16)	[==>]	[3]
	11	ACQ/PEAK (STIS.ta.828 014)	(5) HAT-P-11	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in HAT-P-11 STIS/G140M x2 (16)	0.1 Secs (0.1 Secs) [==>]	[4]
	12	HAT-P-11 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(5) HAT-P-11	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in HAT-P-11 STIS/G140M x2 (16)	2160 Secs (2178 Secs) [==>2178.0 Secs]	[4]
	13	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 11-13 Non-Int in HAT-P-11 STIS/G140M x2 (16)	[==>]	[4]
	14	ACQ/PEAK (STIS.ta.828 014)	(5) HAT-P-11	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 14-16 Non-Int in HAT-P-11 STIS/G140M x2 (16)	0.1 Secs (0.1 Secs) [==>]	[5]

Proposal 14767 - HAT-P-11 STIS/G140M x2 (16) - The Panchromatic Comparative Exoplanetary Treasury Program

	15	HAT-P-11 S (5) HAT-P-11 TIS/G140M orbit 2 (STIS.sp.82 7199)	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO	Sequence 14-16 Non -Int in HAT-P-11 ST IS/G140M x2 (16)	2160 Secs (2178 Secs) [==>2178.0 Secs]	
	16	GO-WAVE WAVE CAL	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A		Sequence 14-16 Non -Int in HAT-P-11 ST IS/G140M x2 (16)	[==>]	[5]

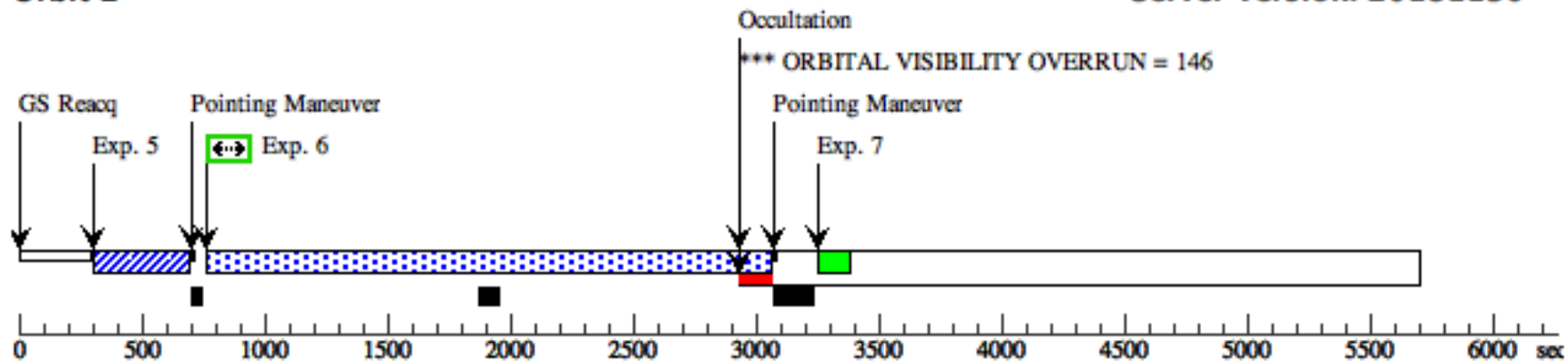
Orbit 1

Server Version: 20181130



Orbit 2

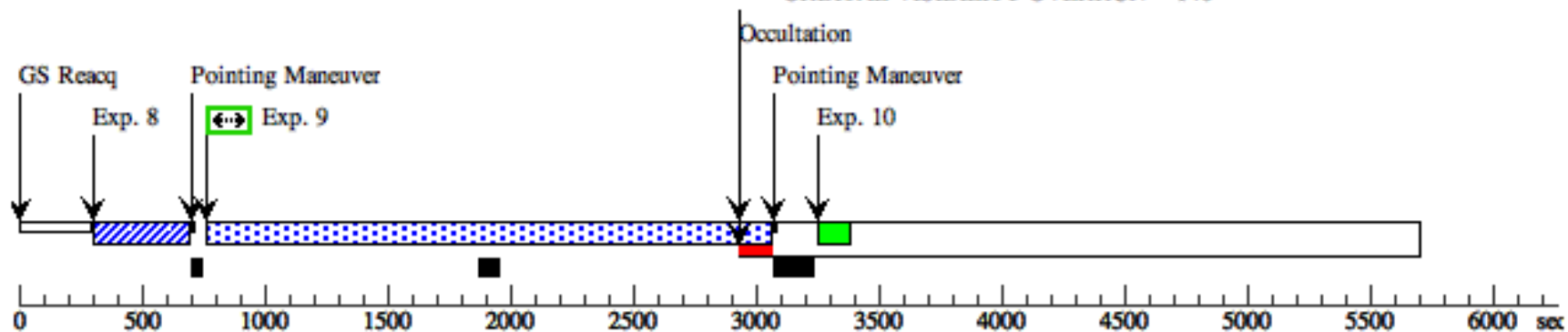
Server Version: 20181130



Orbit 3

Server Version: 20181130

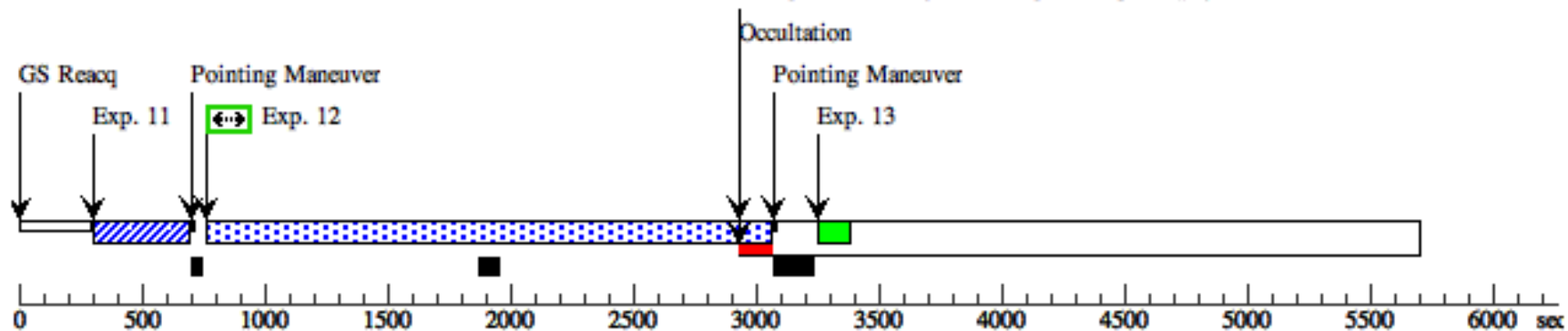
*** ORBITAL VISIBILITY OVERRUN = 146

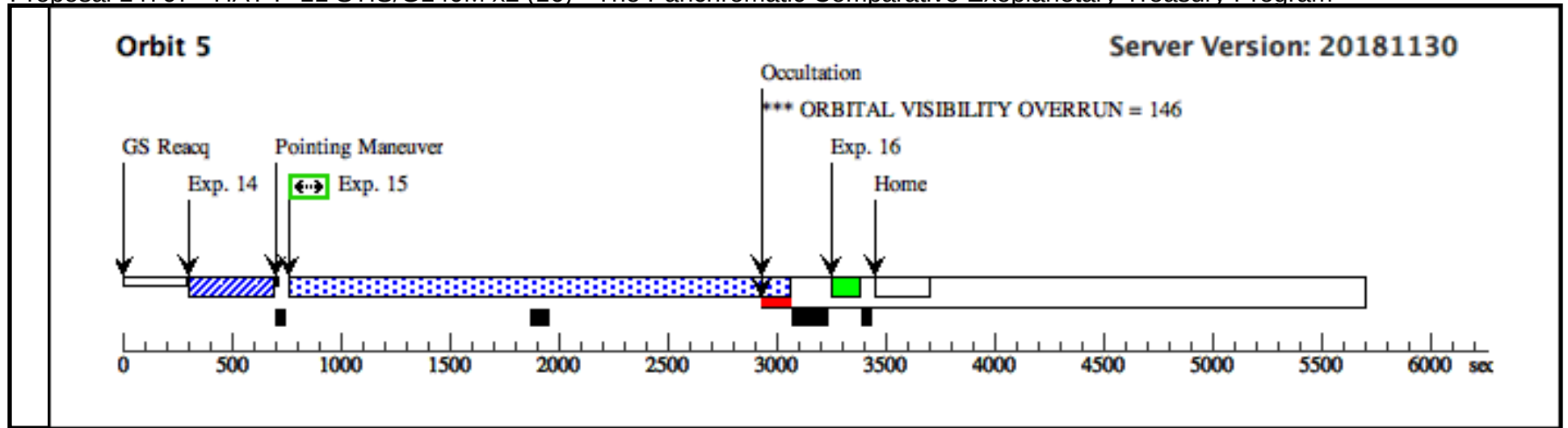


Orbit 4

Server Version: 20181130

*** ORBITAL VISIBILITY OVERRUN = 146





Proposal 14767 - HAT-P-11 COS/G130M x1 (17) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-11 COS/G130M x1 (17), completed	Wed Jun 05 15:14:59 GMT 2019
	Diagnostic Status: Error	
	Scientific Instruments: COS/FUV, COS/NUV	
	Special Requirements: SCHED 100%; Period 4.887804 D AND ZERO-PHASE HJD2454605.89132	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - HAT-P-11 COS/G130M x1 (17) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics	(HAT-P-11 COS/G130M Orbit 1 (17.004)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 1 (17.004)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 1 (17.004)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 1 (17.004)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 1 (17.004)) Error (Form): Illegal selection: 1291.
	(HAT-P-11 COS/G130M Orbit 1 (17.004)) Error (Form): LIFETIME-POS is a required field.
	(HAT-P-11 COS/G130M Orbit 1 (17.004)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HAT-P-11 COS/G130M Orbit 1 (17.004)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 1 (17.004)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 1 (17.004)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 2 (17.005)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 2 (17.005)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 2 (17.005)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 2 (17.005)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 2 (17.005)) Error (Form): Illegal selection: 1291.
	(HAT-P-11 COS/G130M Orbit 2 (17.005)) Error (Form): LIFETIME-POS is a required field.
	(HAT-P-11 COS/G130M Orbit 2 (17.005)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HAT-P-11 COS/G130M Orbit 2 (17.005)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 2 (17.005)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 2 (17.005)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 3 (17.006)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 3 (17.006)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 3 (17.006)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 3 (17.006)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 3 (17.006)) Error (Form): Illegal selection: 1291.
	(HAT-P-11 COS/G130M Orbit 3 (17.006)) Error (Form): LIFETIME-POS is a required field.
	(HAT-P-11 COS/G130M Orbit 3 (17.006)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HAT-P-11 COS/G130M Orbit 3 (17.006)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 3 (17.006)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 3 (17.006)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 4 (17.007)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 4 (17.007)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 4 (17.007)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 4 (17.007)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 4 (17.007)) Error (Form): Illegal selection: 1291.
	(HAT-P-11 COS/G130M Orbit 4 (17.007)) Error (Form): LIFETIME-POS is a required field.
	(HAT-P-11 COS/G130M Orbit 4 (17.007)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HAT-P-11 COS/G130M Orbit 4 (17.007)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null

Proposal 14767 - HAT-P-11 COS/G130M x1 (17) - The Panchromatic Comparative Exoplanetary Treasury Program

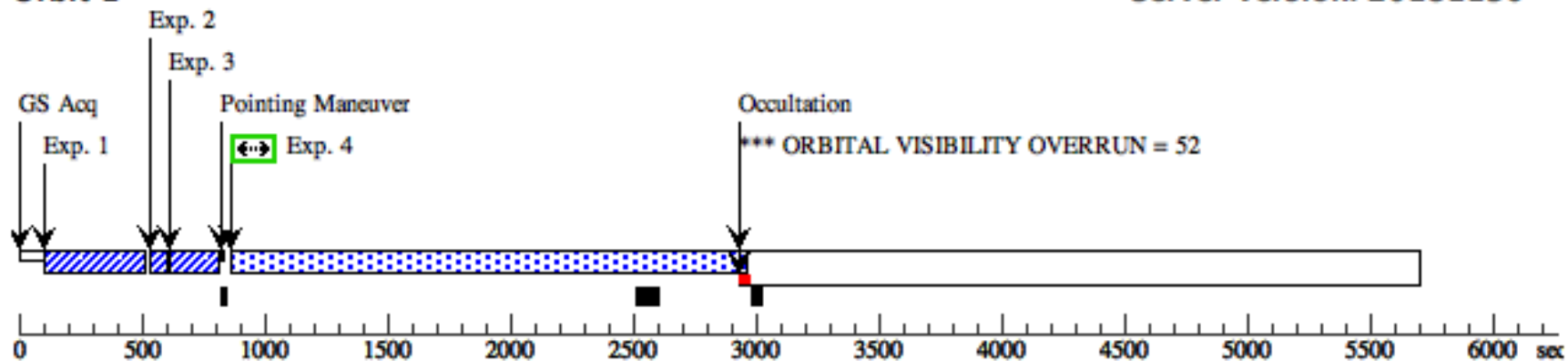
(HAT-P-11 COS/G130M Orbit 4 (17.007)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HAT-P-11 COS/G130M Orbit 4 (17.007)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HAT-P-11 COS/G130M Orbit 5 (17.008)) Error (Form): 2 is not a valid selection (HAT-P-11 COS/G130M Orbit 5 (17.008)) Error (Form): 2 is not a valid selection (HAT-P-11 COS/G130M Orbit 5 (17.008)) Error (Form): BOTH is not a valid selection (HAT-P-11 COS/G130M Orbit 5 (17.008)) Error (Form): BOTH is not a valid selection (HAT-P-11 COS/G130M Orbit 5 (17.008)) Error (Form): Illegal selection: 1291. (HAT-P-11 COS/G130M Orbit 5 (17.008)) Error (Form): LIFETIME-POS is a required field. (HAT-P-11 COS/G130M Orbit 5 (17.008)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HAT-P-11 COS/G130M Orbit 5 (17.008)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HAT-P-11 COS/G130M Orbit 5 (17.008)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HAT-P-11 COS/G130M Orbit 5 (17.008)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HAT-P-11 COS/G130M x1 (17)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (HAT-P-11 COS/G130M x1 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-11 COS/G130M x1 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-11 COS/G130M x1 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-11 COS/G130M x1 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-11 COS/G130M x1 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	HAT-P-11	RA: 19 50 50.2477 (297.7093654d) Dec: +48 04 51.09 (48.08086d) Equinox: J2000	Proper Motion RA: 127.20 mas/yr Proper Motion Dec: 231.23 mas/yr Epoch of Position: 2000	V=9.59	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]					
	Extended=NO					

Proposal 14767 - HAT-P-11 COS/G130M x1 (17) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ-SEAR CH (COS.ta.840 729)	(5) HAT-P-11	COS/NUV, ACQ/SEARCH, PSA	G230L 3000 A	SCAN-SIZE=2; STEP-SIZE=1.767; CENTER=DEF	PHASE 0.961 TO 0. 965	Sequence 1-4 Non-In t in HAT-P-11 COS/ G130M x1 (17)	10 Secs (10 Secs) [==>]	[1]
	2	ACQ-PEAK XD (COS.ta.840 728)	(5) HAT-P-11	COS/NUV, ACQ/PEAKXD, PSA	G230L 3000 A	STRIPE=MEDIUM		Sequence 1-4 Non-In t in HAT-P-11 COS/ G130M x1 (17)	10 Secs (10 Secs) [==>]	[1]
	3	ACQ-PEAK D (COS.ta.840 729)	(5) HAT-P-11	COS/NUV, ACQ/PEAKD, PSA	G230L 3000 A	NUM-POS=5; STEP-SIZE=0.9; CENTER=FLUX-W T-FLR		Sequence 1-4 Non-In t in HAT-P-11 COS/ G130M x1 (17)	10 Secs (10 Secs) [==>]	[1]
	4	HAT-P-11 C OS/G130M Orbit 1 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2		Sequence 1-4 Non-In t in HAT-P-11 COS/ G130M x1 (17)	2250 Secs (1936 Secs) [==>1936.0 Secs]	[1]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	5	HAT-P-11 C OS/G130M Orbit 2 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2			2680 Secs (2713 Secs) [==>2713.0 Secs]	[2]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	6	HAT-P-11 C OS/G130M Orbit 3 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2			2680 Secs (2713 Secs) [==>2713.0 Secs]	[3]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	7	HAT-P-11 C OS/G130M Orbit 4 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2			2680 Secs (2713 Secs) [==>2713.0 Secs]	[4]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	8	HAT-P-11 C OS/G130M Orbit 5 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2			2680 Secs (2713 Secs) [==>2713.0 Secs]	[5]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									

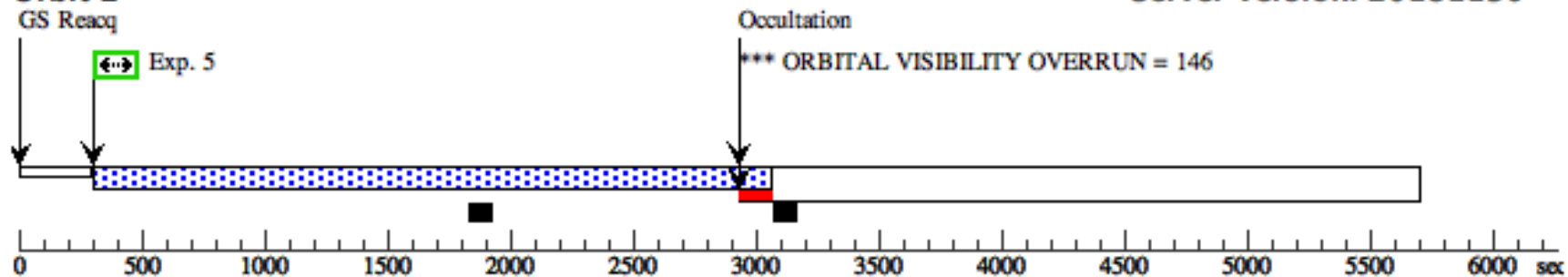
Orbit 1

Server Version: 20181130



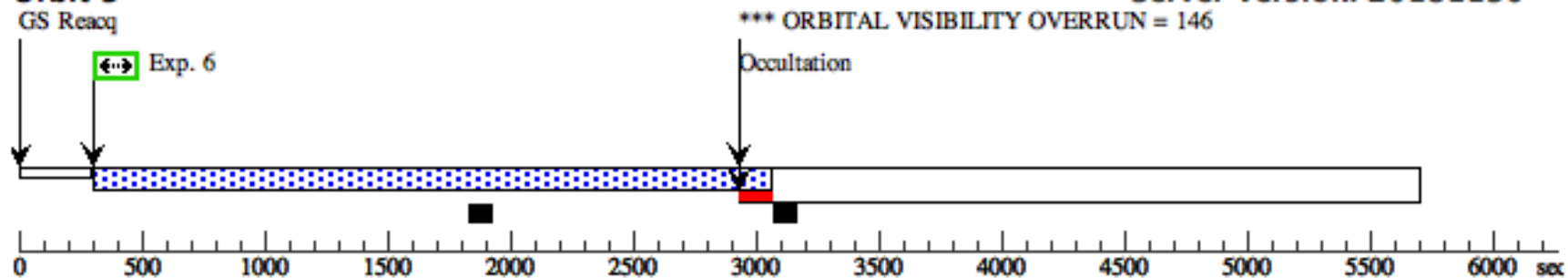
Orbit 2

Server Version: 20181130



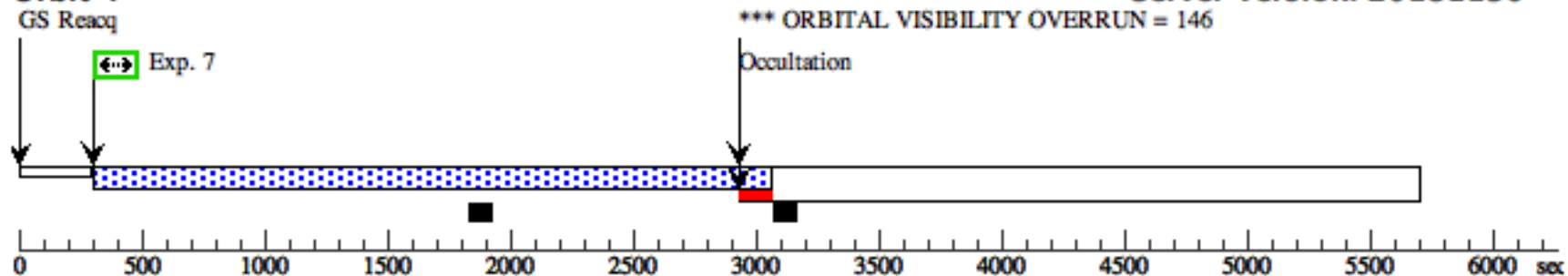
Orbit 3

Server Version: 20181130



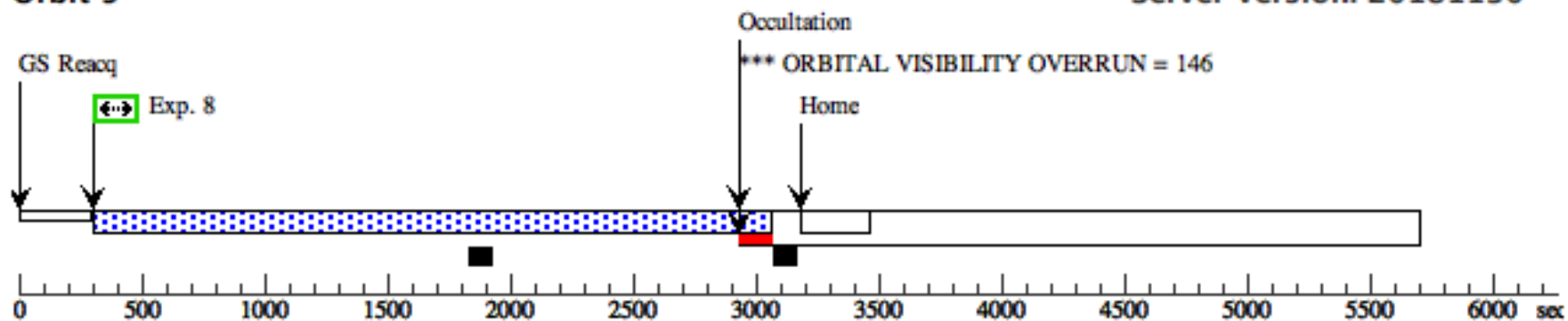
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - HAT-P-11 COS/G130M x3 (H1) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-11 COS/G130M x3 (H1), completed	Wed Jun 05 15:14:59 GMT 2019
	Diagnostic Status: Error	
	Scientific Instruments: COS/FUV, COS/NUV	
	Special Requirements: SCHED 100%; BETWEEN 17-APR-2017 AND 17-OCT-2017; BETWEEN 17-APR-2018 AND 17-OCT-2018; Period 4.887804 D AND ZERO-PHASE HJD2454605.89132	
	Comments: It is essential that the five orbits be scheduled in a continuous block. Schedule within about +/- 3 months from opposition (July 17) to minimize the O I 1304 airglow background.	

Proposal 14767 - HAT-P-11 COS/G130M x3 (H1) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics	(HAT-P-11 COS/G130M Orbit 1 (H1.004)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 1 (H1.004)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 1 (H1.004)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 1 (H1.004)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 1 (H1.004)) Error (Form): Illegal selection: 1291.
	(HAT-P-11 COS/G130M Orbit 1 (H1.004)) Error (Form): LIFETIME-POS is a required field.
	(HAT-P-11 COS/G130M Orbit 1 (H1.004)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HAT-P-11 COS/G130M Orbit 1 (H1.004)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 1 (H1.004)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 1 (H1.004)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 2 (H1.005)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 2 (H1.005)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 2 (H1.005)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 2 (H1.005)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 2 (H1.005)) Error (Form): Illegal selection: 1291.
	(HAT-P-11 COS/G130M Orbit 2 (H1.005)) Error (Form): LIFETIME-POS is a required field.
	(HAT-P-11 COS/G130M Orbit 2 (H1.005)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HAT-P-11 COS/G130M Orbit 2 (H1.005)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 2 (H1.005)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 2 (H1.005)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 3 (H1.006)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 3 (H1.006)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 3 (H1.006)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 3 (H1.006)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 3 (H1.006)) Error (Form): Illegal selection: 1291.
	(HAT-P-11 COS/G130M Orbit 3 (H1.006)) Error (Form): LIFETIME-POS is a required field.
	(HAT-P-11 COS/G130M Orbit 3 (H1.006)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HAT-P-11 COS/G130M Orbit 3 (H1.006)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 3 (H1.006)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 3 (H1.006)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HAT-P-11 COS/G130M Orbit 4 (H1.007)) Error (Form): 2 is not a valid selection
	(HAT-P-11 COS/G130M Orbit 4 (H1.007)) Error (Form): 2 is not a valid selection
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	(HAT-P-11 COS/G130M Orbit 4 (H1.007)) Error (Form): BOTH is not a valid selection
	(HAT-P-11 COS/G130M Orbit 4 (H1.007)) Error (Form): Illegal selection: 1291.
	(HAT-P-11 COS/G130M Orbit 4 (H1.007)) Error (Form): LIFETIME-POS is a required field.
	(HAT-P-11 COS/G130M Orbit 4 (H1.007)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HAT-P-11 COS/G130M Orbit 4 (H1.007)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null

Proposal 14767 - HAT-P-11 COS/G130M x3 (H1) - The Panchromatic Comparative Exoplanetary Treasury Program

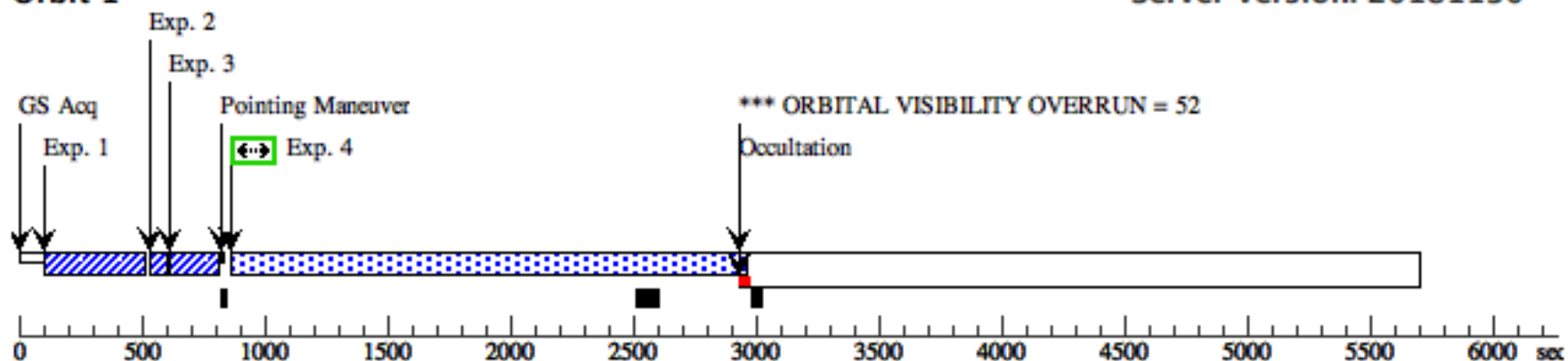
(HAT-P-11 COS/G130M Orbit 4 (H1.007)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HAT-P-11 COS/G130M Orbit 4 (H1.007)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HAT-P-11 COS/G130M Orbit 5 (H1.008)) Error (Form): 2 is not a valid selection (HAT-P-11 COS/G130M Orbit 5 (H1.008)) Error (Form): 2 is not a valid selection (HAT-P-11 COS/G130M Orbit 5 (H1.008)) Error (Form): BOTH is not a valid selection (HAT-P-11 COS/G130M Orbit 5 (H1.008)) Error (Form): BOTH is not a valid selection (HAT-P-11 COS/G130M Orbit 5 (H1.008)) Error (Form): Illegal selection: 1291. (HAT-P-11 COS/G130M Orbit 5 (H1.008)) Error (Form): LIFETIME-POS is a required field. (HAT-P-11 COS/G130M Orbit 5 (H1.008)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HAT-P-11 COS/G130M Orbit 5 (H1.008)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=2. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HAT-P-11 COS/G130M Orbit 5 (H1.008)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HAT-P-11 COS/G130M Orbit 5 (H1.008)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HAT-P-11 COS/G130M x3 (H1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (HAT-P-11 COS/G130M x3 (H1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-11 COS/G130M x3 (H1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-11 COS/G130M x3 (H1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-11 COS/G130M x3 (H1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-11 COS/G130M x3 (H1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	HAT-P-11	RA: 19 50 50.2477 (297.7093654d) Dec: +48 04 51.09 (48.08086d) Equinox: J2000	Proper Motion RA: 127.20 mas/yr Proper Motion Dec: 231.23 mas/yr Epoch of Position: 2000	V=9.59	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]					
	Extended=NO					

Proposal 14767 - HAT-P-11 COS/G130M x3 (H1) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ-SEAR CH (COS.ta.840 729)	(5) HAT-P-11	COS/NUV, ACQ/SEARCH, PSA	G230L 3000 A	SCAN-SIZE=2; STEP-SIZE=1.767; CENTER=DEF	PHASE 0.9670 TO 0 .9720	Sequence 1-4 Non-In t in HAT-P-11 COS/ G130M x3 (H1)	10 Secs (10 Secs) [==>]	[1]
	2	ACQ-PEAK XD (COS.ta.840 728)	(5) HAT-P-11	COS/NUV, ACQ/PEAKXD, PSA	G230L 3000 A	STRIPE=MEDIUM		Sequence 1-4 Non-In t in HAT-P-11 COS/ G130M x3 (H1)	10 Secs (10 Secs) [==>]	[1]
	3	ACQ-PEAK D (COS.ta.840 729)	(5) HAT-P-11	COS/NUV, ACQ/PEAKD, PSA	G230L 3000 A	NUM-POS=5; STEP-SIZE=0.9; CENTER=FLUX-W T-FLR		Sequence 1-4 Non-In t in HAT-P-11 COS/ G130M x3 (H1)	10 Secs (10 Secs) [==>]	[1]
	4	HAT-P-11 C OS/G130M Orbit 1 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2		Sequence 1-4 Non-In t in HAT-P-11 COS/ G130M x3 (H1)	2250 Secs (1936 Secs) [==>1936.0 Secs]	[1]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	5	HAT-P-11 C OS/G130M Orbit 2 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2			2680 Secs (2713 Secs) [==>2713.0 Secs]	[2]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	6	HAT-P-11 C OS/G130M Orbit 3 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2			2680 Secs (2713 Secs) [==>2713.0 Secs]	[3]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	7	HAT-P-11 C OS/G130M Orbit 4 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2			2680 Secs (2713 Secs) [==>2713.0 Secs]	[4]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	8	HAT-P-11 C OS/G130M Orbit 5 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2			2680 Secs (2713 Secs) [==>2713.0 Secs]	[5]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									

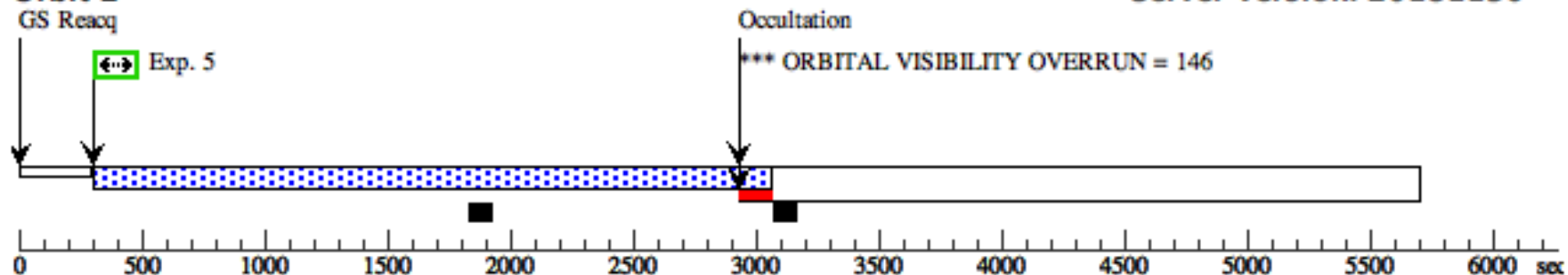
Orbit 1

Server Version: 20181130



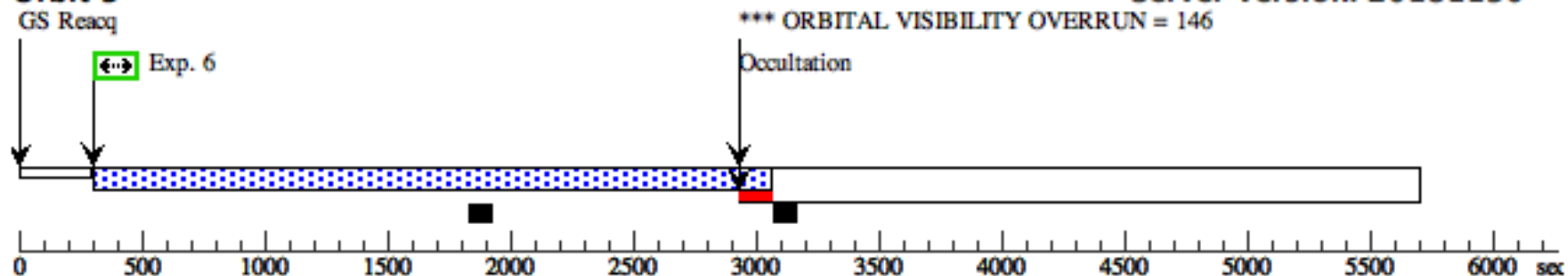
Orbit 2

Server Version: 20181130



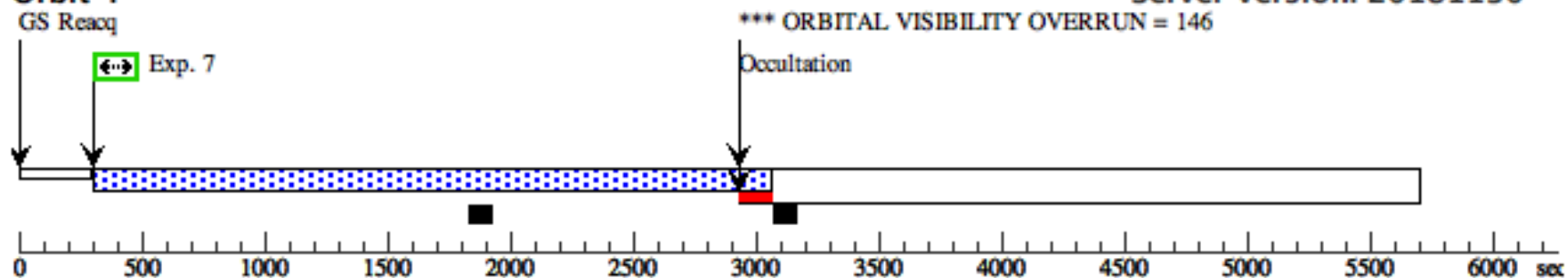
Orbit 3

Server Version: 20181130



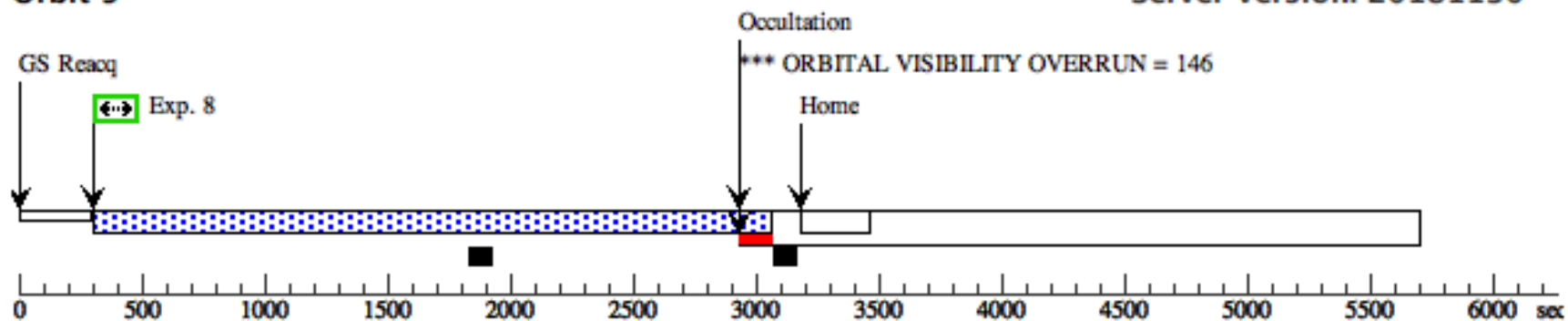
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - HAT-P-11 COS/G130M x2 (18) - The Panchromatic Comparative Exoplanetary Treasury Program

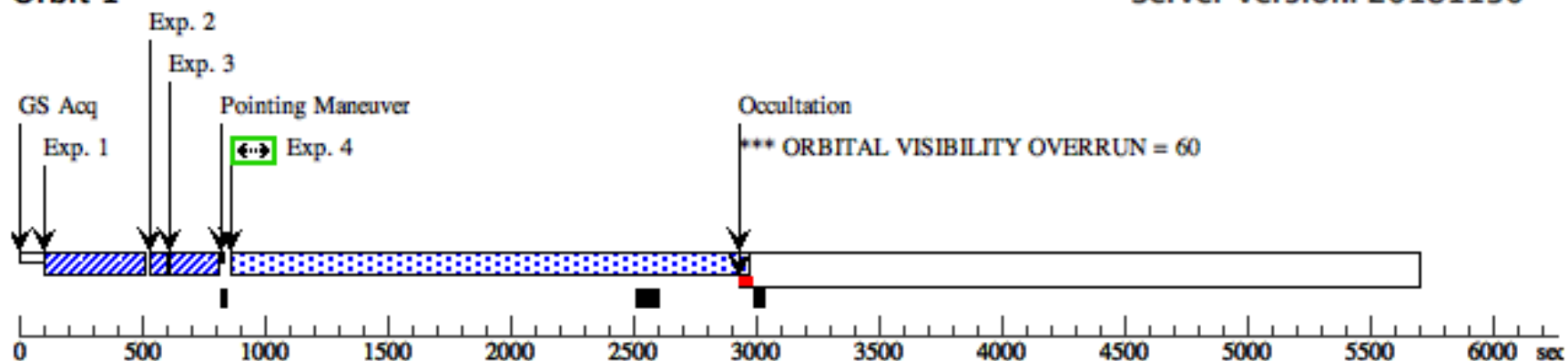
Visit	Proposal 14767, HAT-P-11 COS/G130M x2 (18), completed Wed Jun 05 15:14:59 GMT 2019				
	Diagnostic Status: Error Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; Period 4.887804 D AND ZERO-PHASE HJD2454605.89132 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>				
Diagnostics	(HAT-P-11 COS/G130M Orbit 1 (18.004)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HAT-P-11 COS/G130M Orbit 2 (18.005)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HAT-P-11 COS/G130M Orbit 3 (18.006)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HAT-P-11 COS/G130M Orbit 4 (18.007)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HAT-P-11 COS/G130M Orbit 5 (18.008)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HAT-P-11 COS/G130M x2 (18)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (HAT-P-11 COS/G130M x2 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-11 COS/G130M x2 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-11 COS/G130M x2 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-11 COS/G130M x2 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-11 COS/G130M x2 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(5)	HAT-P-11	RA: 19 50 50.2477 (297.7093654d) Dec: +48 04 51.09 (48.08086d) Equinox: J2000	Proper Motion RA: 127.20 mas/yr Proper Motion Dec: 231.23 mas/yr Epoch of Position: 2000	V=9.59
Fixed Targets	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

Proposal 14767 - HAT-P-11 COS/G130M x2 (18) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ-SEAR CH (COS.ta.840 729)	(5) HAT-P-11	COS/NUV, ACQ/SEARCH, PSA	G230L 3000 A	SCAN-SIZE=2; STEP-SIZE=1.767; CENTER=DEF	PHASE 0.961 TO 0. 967	Sequence 1-4 Non-In t in HAT-P-11 COS/ G130M x2 (18)	10 Secs (10 Secs) [==>]	[1]
	2	ACQ-PEAK XD (COS.ta.840 728)	(5) HAT-P-11	COS/NUV, ACQ/PEAKXD, PSA	G230L 3000 A	STRIPE=MEDIUM		Sequence 1-4 Non-In t in HAT-P-11 COS/ G130M x2 (18)	10 Secs (10 Secs) [==>]	[1]
	3	ACQ-PEAK D (COS.ta.840 729)	(5) HAT-P-11	COS/NUV, ACQ/PEAKD, PSA	G230L 3000 A	NUM-POS=5; STEP-SIZE=0.9; CENTER=FLUX-W T-FLR		Sequence 1-4 Non-In t in HAT-P-11 COS/ G130M x2 (18)	10 Secs (10 Secs) [==>]	[1]
	4	HAT-P-11 C OS/G130M Orbit 1 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=4		Sequence 1-4 Non-In t in HAT-P-11 COS/ G130M x2 (18)	2250 Secs (1944 Secs) [==>1944.0 Secs]	[1]
	<i>Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.</i>									
	5	HAT-P-11 C OS/G130M Orbit 2 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=4			2680 Secs (2713 Secs) [==>2713.0 Secs]	[2]
	<i>Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.</i>									
	6	HAT-P-11 C OS/G130M Orbit 3 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=4			2680 Secs (2713 Secs) [==>2713.0 Secs]	[3]
	<i>Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.</i>									
	7	HAT-P-11 C OS/G130M Orbit 4 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=4			2680 Secs (2713 Secs) [==>2713.0 Secs]	[4]
	<i>Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.</i>									
	8	HAT-P-11 C OS/G130M Orbit 5 (COS.sp.827 195)	(5) HAT-P-11	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=4			2680 Secs (2713 Secs) [==>2713.0 Secs]	[5]
	<i>Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.</i>									

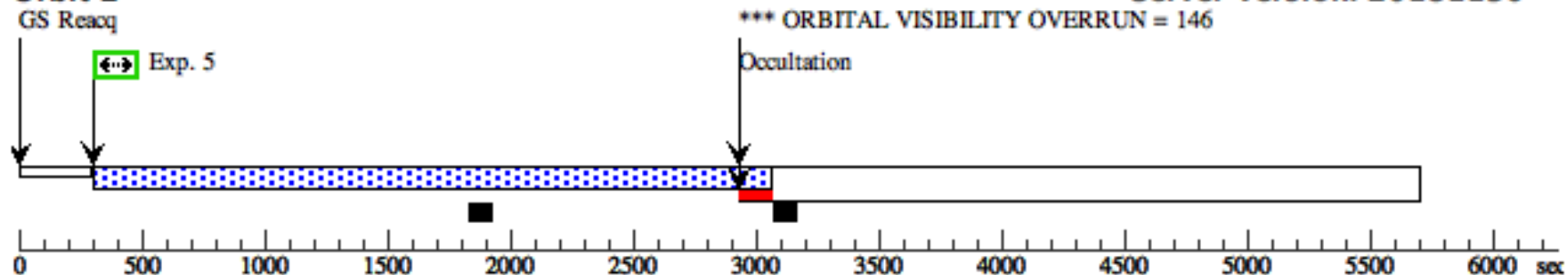
Orbit 1

Server Version: 20181130



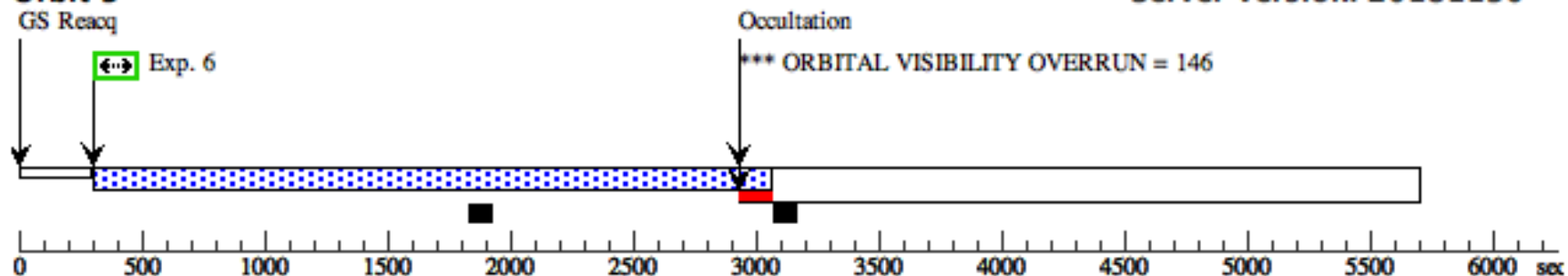
Orbit 2

Server Version: 20181130



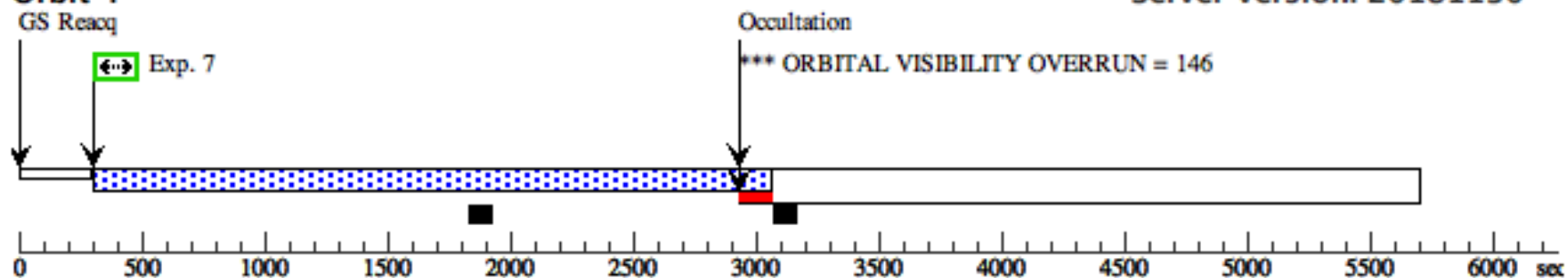
Orbit 3

Server Version: 20181130



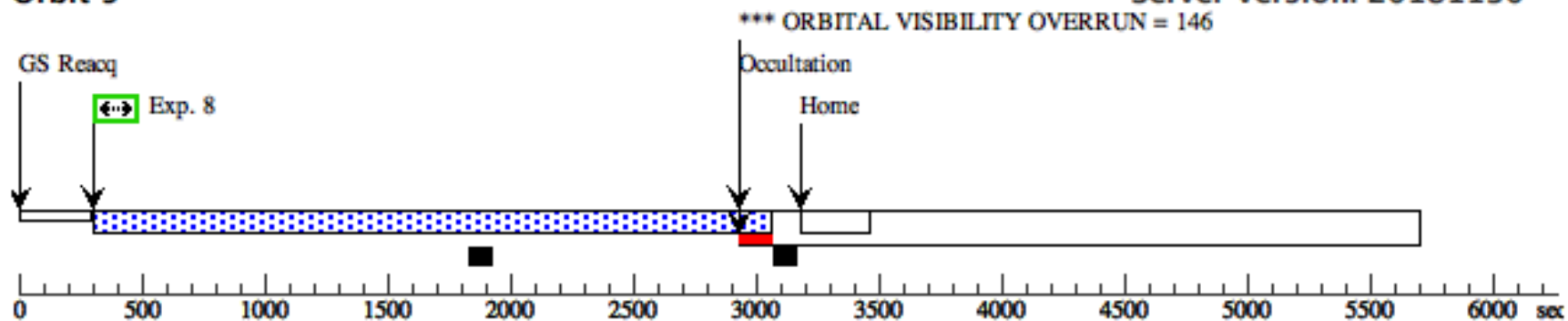
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - HAT-P-11 G430L (19) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-11 G430L (19), completed	Wed Jun 05 15:14:59 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 4.887804 D AND ZERO-PHASE HJD2454605.89132	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

[illegible]

Proposal 14767 - HAT-P-11 G430L (19) - The Panchromatic Comparative Exoplanetary Treasury Program

	(HAT-P-11 G430L (19)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
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Proposal 14767 - HAT-P-11 G430L (19) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5271)	(5) HAT-P-11	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.961 TO 0.964	Sequence 1-3 Non-Int in HAT-P-11 G430L (19)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.19 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.47, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	HAT-P-11 G430L Orbit 1	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-11 G430L (19)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
Exposures	3	HAT-P-11 G430L Orbit 1 (STIS.sp.82 1729)	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-11 G430L (19)	140 Secs X 14 (1960 Secs) [==>(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)]	[1]
	4	HAT-P-11 G430L Orbit 2	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-11 G430L (19)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - HAT-P-11 G430L (19) - The Panchromatic Comparative Exoplanetary Treasury Program

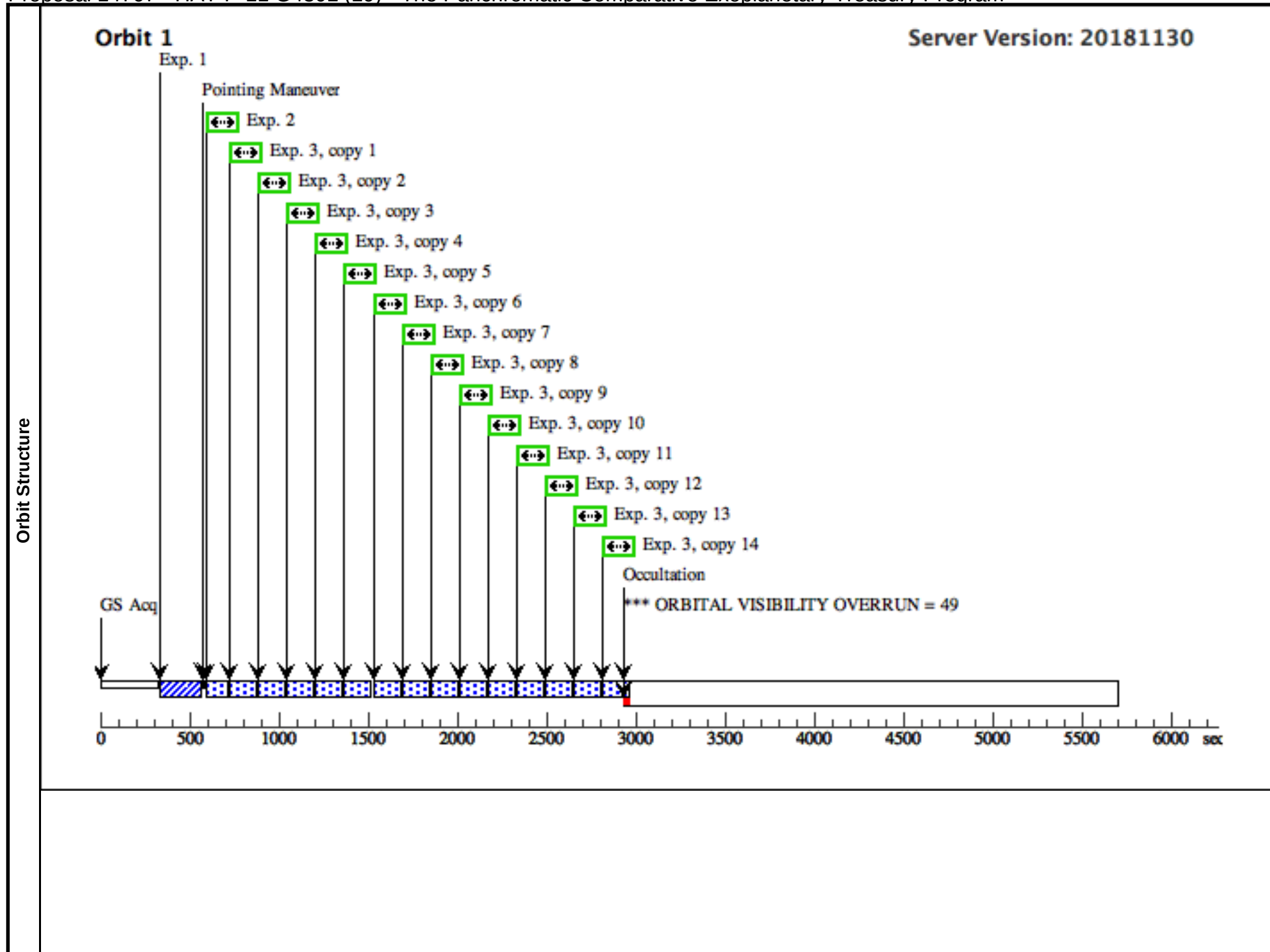
5	HAT-P-11 G430L Orbit 2 (STIS.sp.82 1729)	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 4-5 Non-In t in HAT-P-11 G430 L (19)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
6	HAT-P-11 G430L Orbit 3	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-In t in HAT-P-11 G430 L (19)	1 Secs (1 Secs) [==>]	[3]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
7	HAT-P-11 G430L Orbit 3 (STIS.sp.82 1729)	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-In t in HAT-P-11 G430 L (19)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[3]

Proposal 14767 - HAT-P-11 G430L (19) - The Panchromatic Comparative Exoplanetary Treasury Program

8	HAT-P-11 G430L Orbit 4	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-11 G430L (19)	1 Secs (1 Secs)	
							[==>]	[4]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.								
9	HAT-P-11 G430L Orbit 4 (STIS.sp.82 1729)	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-11 G430L (19)	140 Secs X 17 (2380 Secs)	
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]
10	HAT-P-11 G430L Orbit 5	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in HAT-P-11 G430L (19)	1 Secs (1 Secs)	
							[==>]	[5]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.								

Proposal 14767 - HAT-P-11 G430L (19) - The Panchromatic Comparative Exoplanetary Treasury Program

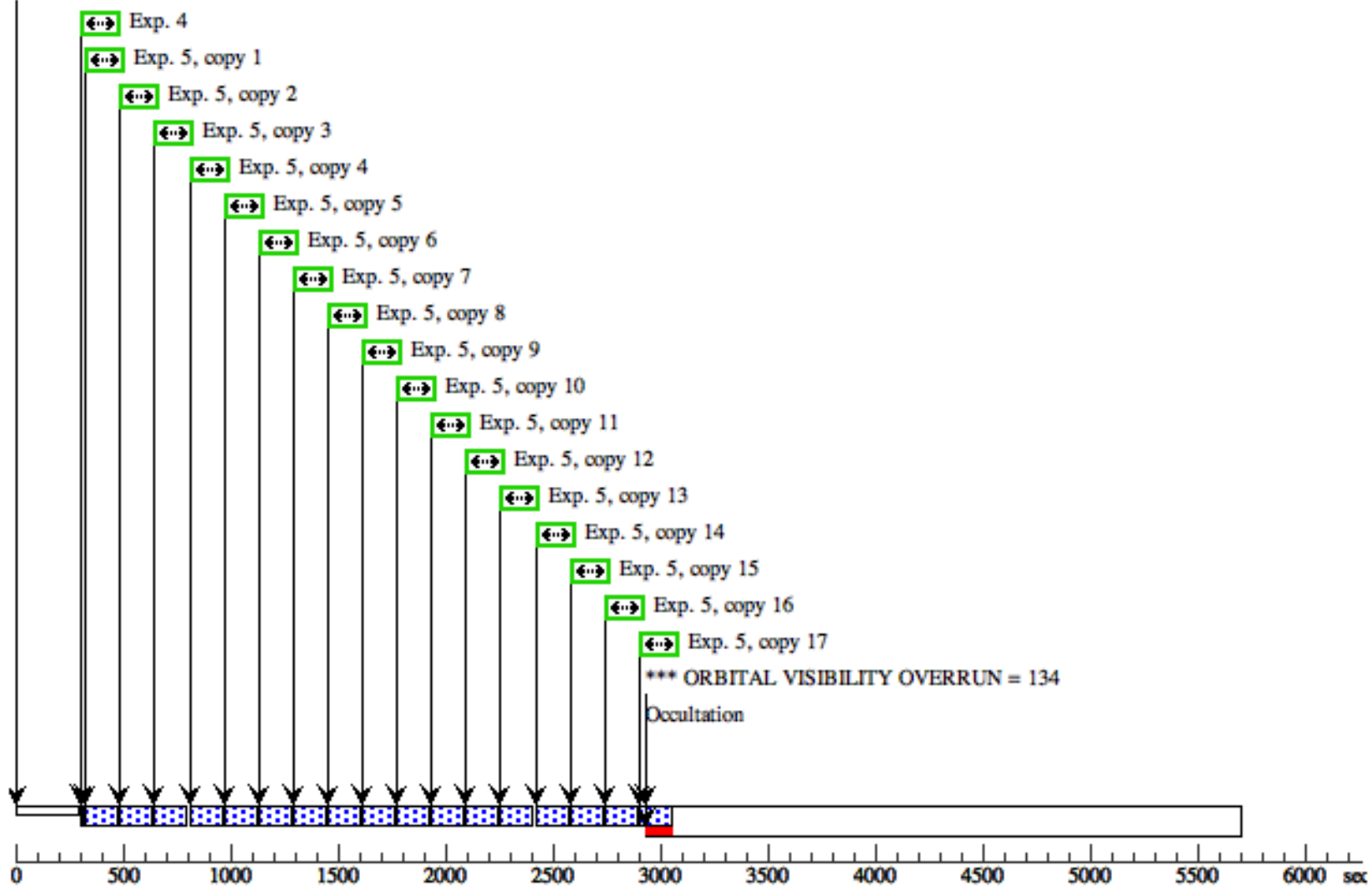
11	HAT-P-11 G430L Orbit 5 (STIS.sp.82 1729)	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non -Int in HAT-P-11 G4 30L (19)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[5]
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		Sequence 10-12 Non -Int in HAT-P-11 G4 30L (19)	[==>]	[5]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle								



Orbit 2

Server Version: 20181130

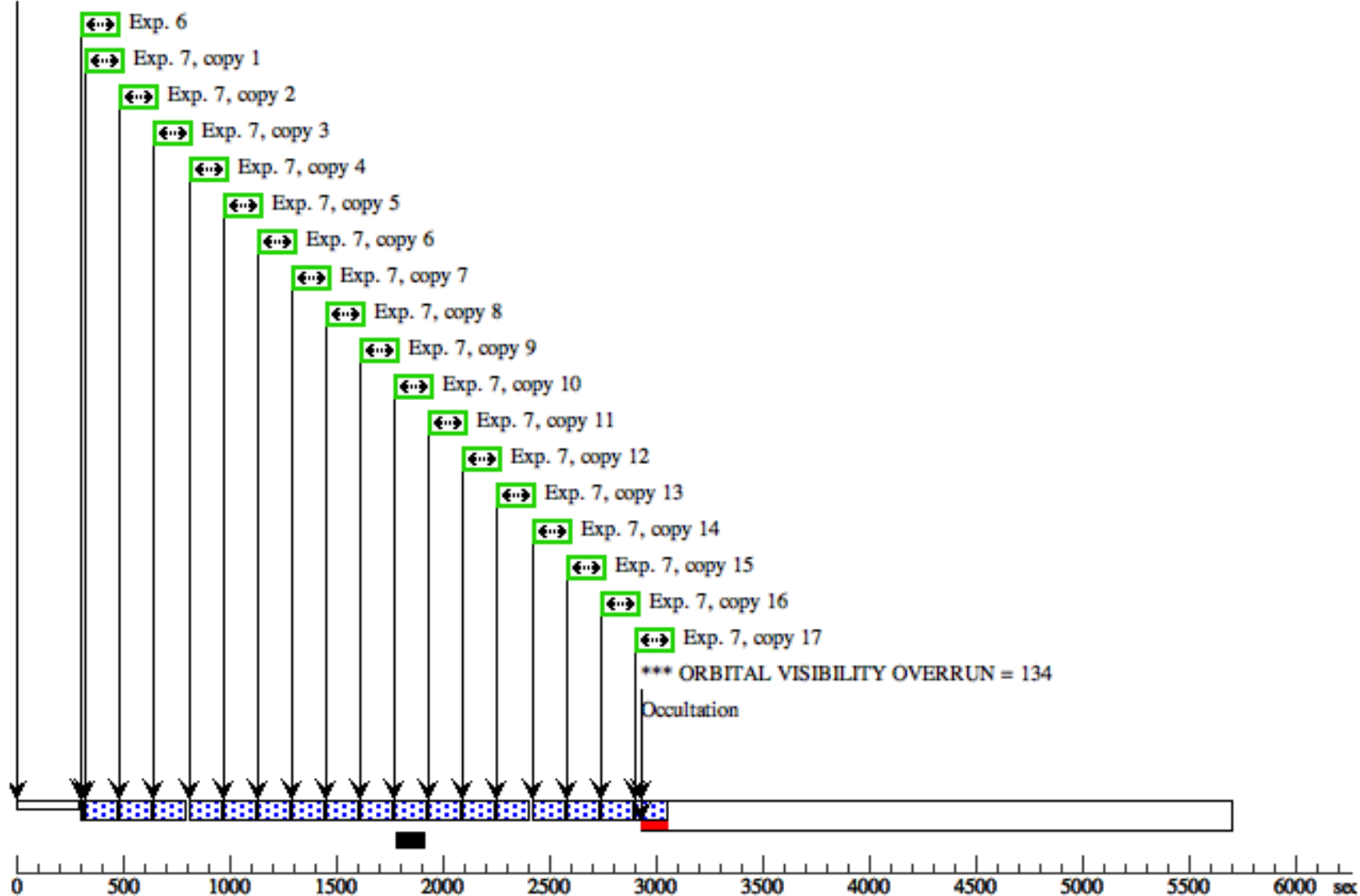
GS Reacq



Orbit 3

Server Version: 20181130

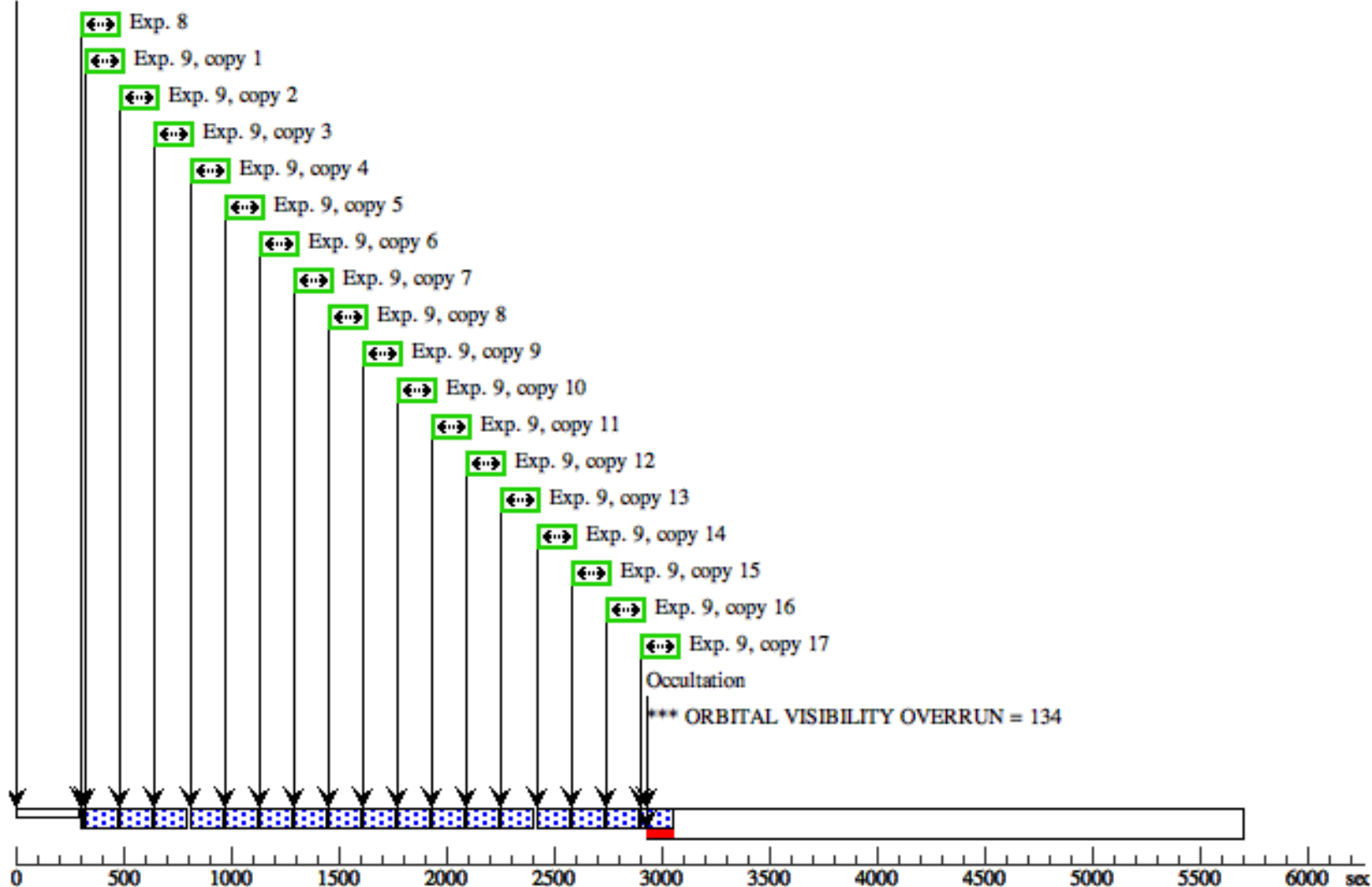
GS Reacq

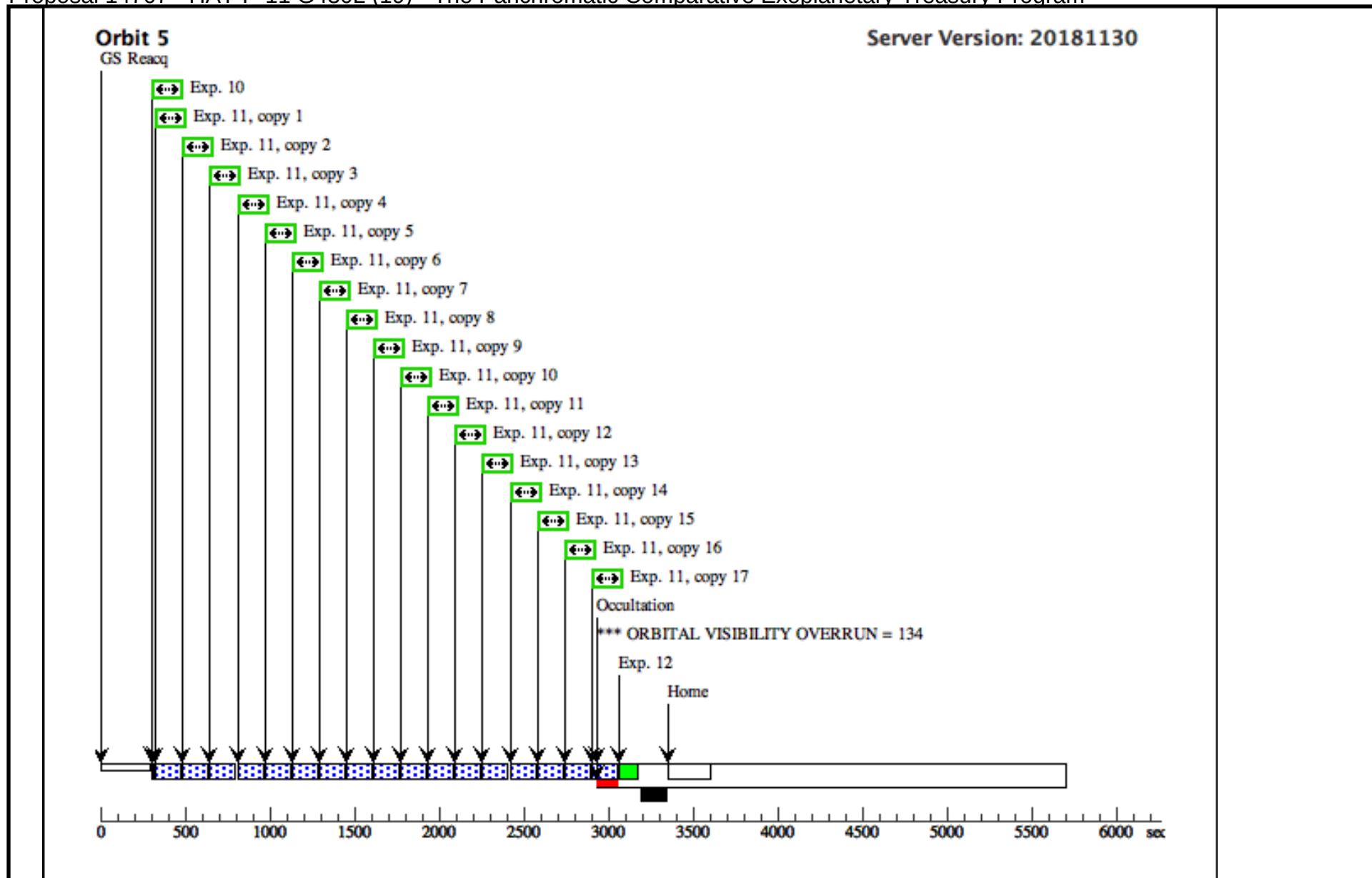


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - HAT-P-11 G430L x2 (20) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-11 G430L x2 (20), completed	Wed Jun 05 15:14:59 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 4.887804 D AND ZERO-PHASE HJD2454605.89132	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - HAT-P-11 G430L x2 (20) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - HAT-P-11 G430L x2 (20) - The Panchromatic Comparative Exoplanetary Treasury Program

	(HAT-P-11 G430L x2 (20)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
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	(HAT-P-11 G430L x2 (20)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(HAT-P-11 G430L x2 (20)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(5)		HAT-P-11	RA: 19 50 50.2477 (297.7093654d)	Proper Motion RA: 127.20 mas/yr	V=9.59	Reference Frame: ICRS
			Dec: +48 04 51.09 (48.08086d)	Proper Motion Dec: 231.23 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.						
Category=STAR						
Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]						
Extended=NO						

Proposal 14767 - HAT-P-11 G430L x2 (20) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained	(5) HAT-P-11	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.961 TO 0.964	Sequence 1-3 Non-Int in HAT-P-11 G430L x2 (20)	0.1 Secs (0.1 Secs) [==>]	[1]
	<i>Comments: Saturation is calculated at 0.19 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.47, which is within limiting magnitude of 8.4 with F28X50LP (Table 8.3 STIS handbook).</i>									
	2	HAT-P-11 G430L Orbit 1	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-11 G430L x2 (20)	1 Secs (1 Secs) [==>]	[1]
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									
	3	HAT-P-11 G430L Orbit 1 (STIS.sp.82 1729)	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-11 G430L x2 (20)	140 Secs X 13 (1820 Secs) [==>(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)]	[1]
	4	HAT-P-11 G430L Orbit 2	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-11 G430L x2 (20)	1 Secs (1 Secs) [==>]	[2]
	<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>									

Proposal 14767 - HAT-P-11 G430L x2 (20) - The Panchromatic Comparative Exoplanetary Treasury Program

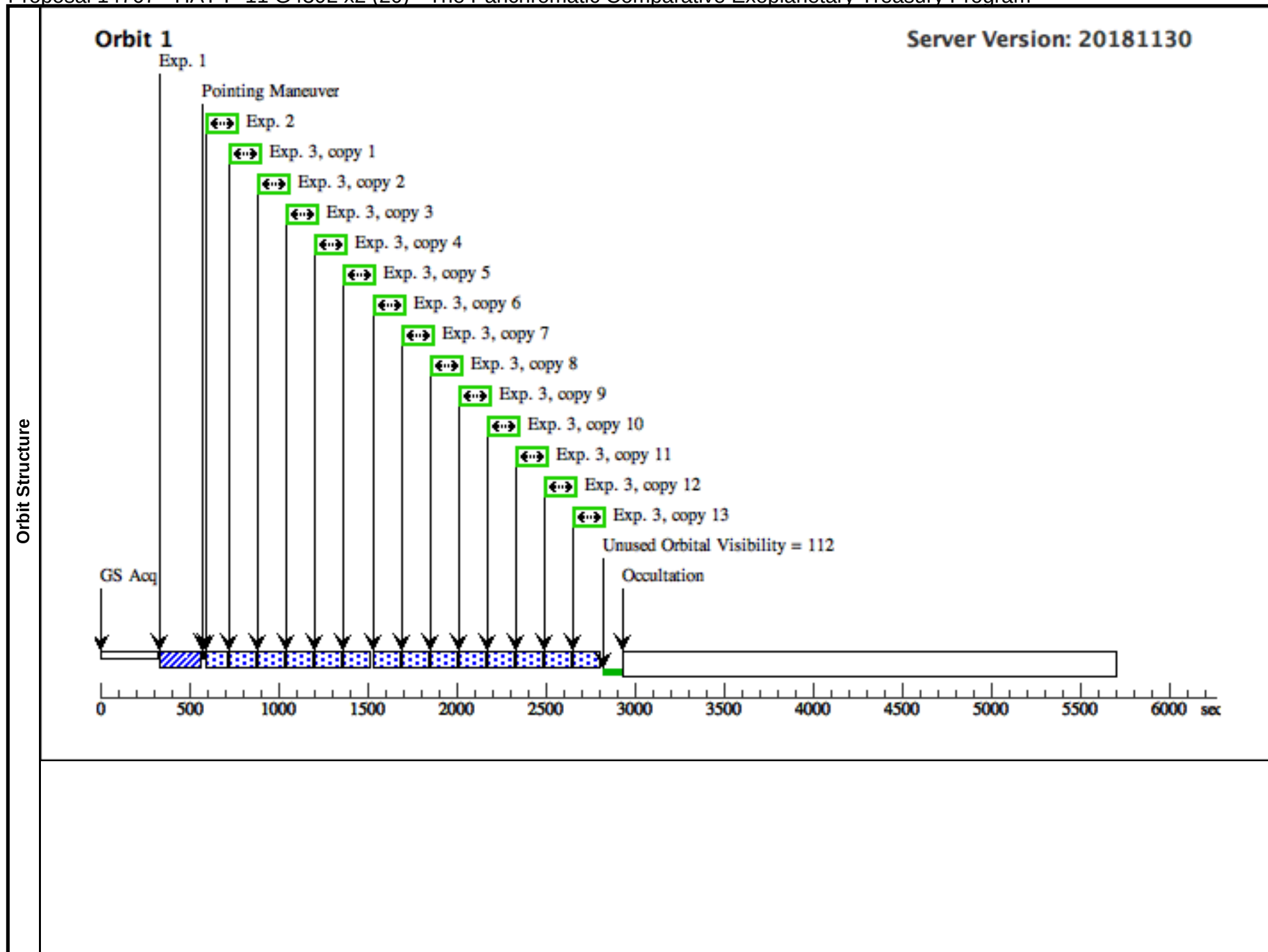
5	HAT-P-11 G430L Orbit 2 (STIS.sp.82 1729)	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 4-5 Non-Int in HAT-P-11 G430 L x2 (20)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
6	HAT-P-11 G430L Orbit 3	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in HAT-P-11 G430 L x2 (20)	1 Secs (1 Secs) [==>]	[3]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
7	HAT-P-11 G430L Orbit 3 (STIS.sp.82 1729)	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in HAT-P-11 G430 L x2 (20)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[3]

Proposal 14767 - HAT-P-11 G430L x2 (20) - The Panchromatic Comparative Exoplanetary Treasury Program

8	HAT-P-11 G430L Orbit 4	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-11 G430L x2 (20)	1 Secs (1 Secs)	
							[==>]	[4]
							<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>	
9	HAT-P-11 G430L Orbit 4 (STIS.sp.82 1729)	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-11 G430L x2 (20)	140 Secs X 17 (2380 Secs)	
							[==>(Copy 1)]	[4]
							[==>(Copy 2)]	
							[==>(Copy 3)]	
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							[==>(Copy 14)]	
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							[==>(Copy 16)]	
							[==>(Copy 17)]	
10	HAT-P-11 G430L Orbit 5	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in HAT-P-11 G430L x2 (20)	1 Secs (1 Secs)	
							[==>]	[5]
							<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>	

Proposal 14767 - HAT-P-11 G430L x2 (20) - The Panchromatic Comparative Exoplanetary Treasury Program

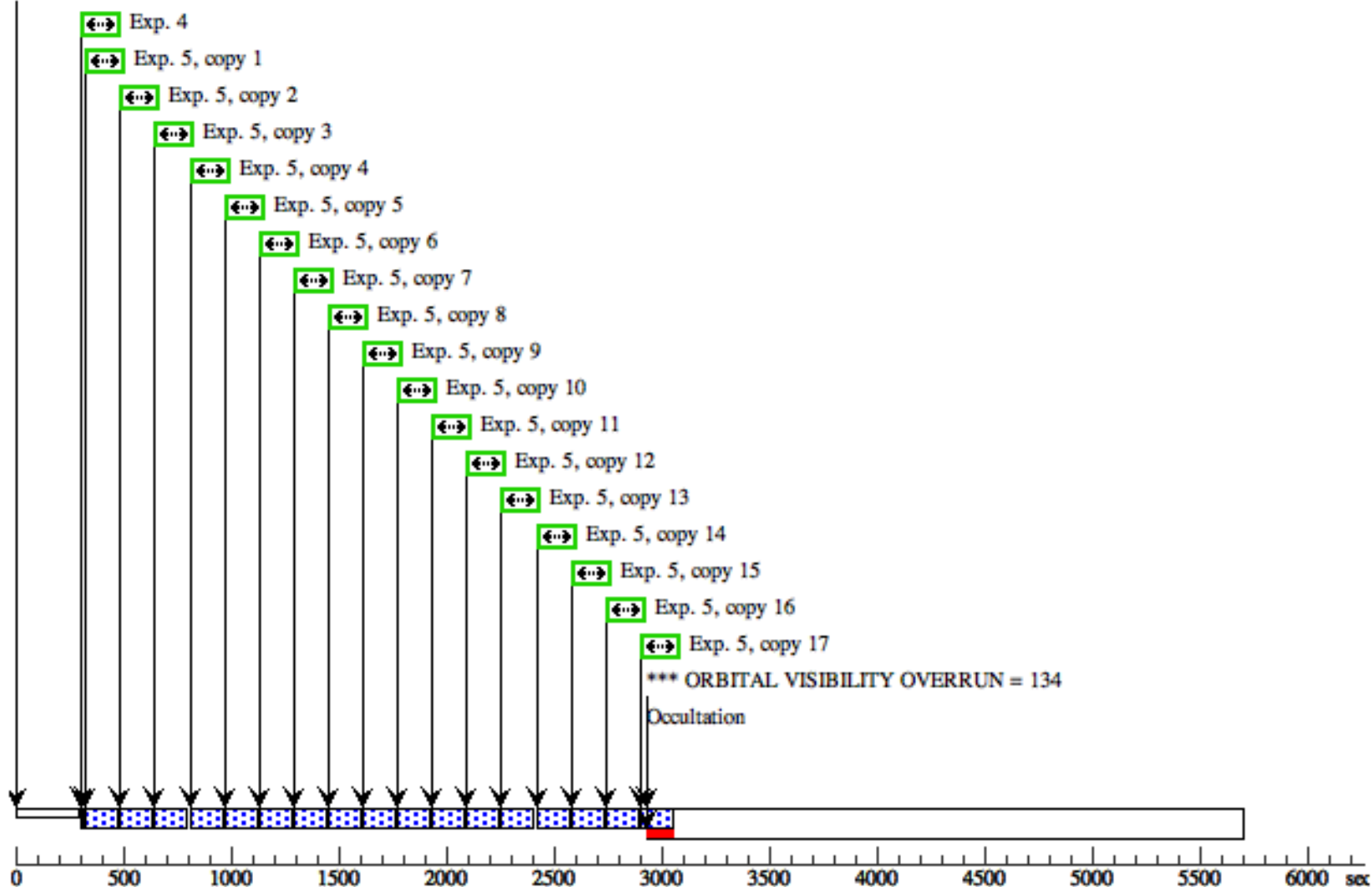
11	HAT-P-11 G430L Orbit 5 (STIS.sp.82 1729)	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non -Int in HAT-P-11 G4 30L x2 (20)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[5]
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		Sequence 10-12 Non -Int in HAT-P-11 G4 30L x2 (20)	[==>]	[5]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle								



Orbit 2

Server Version: 20181130

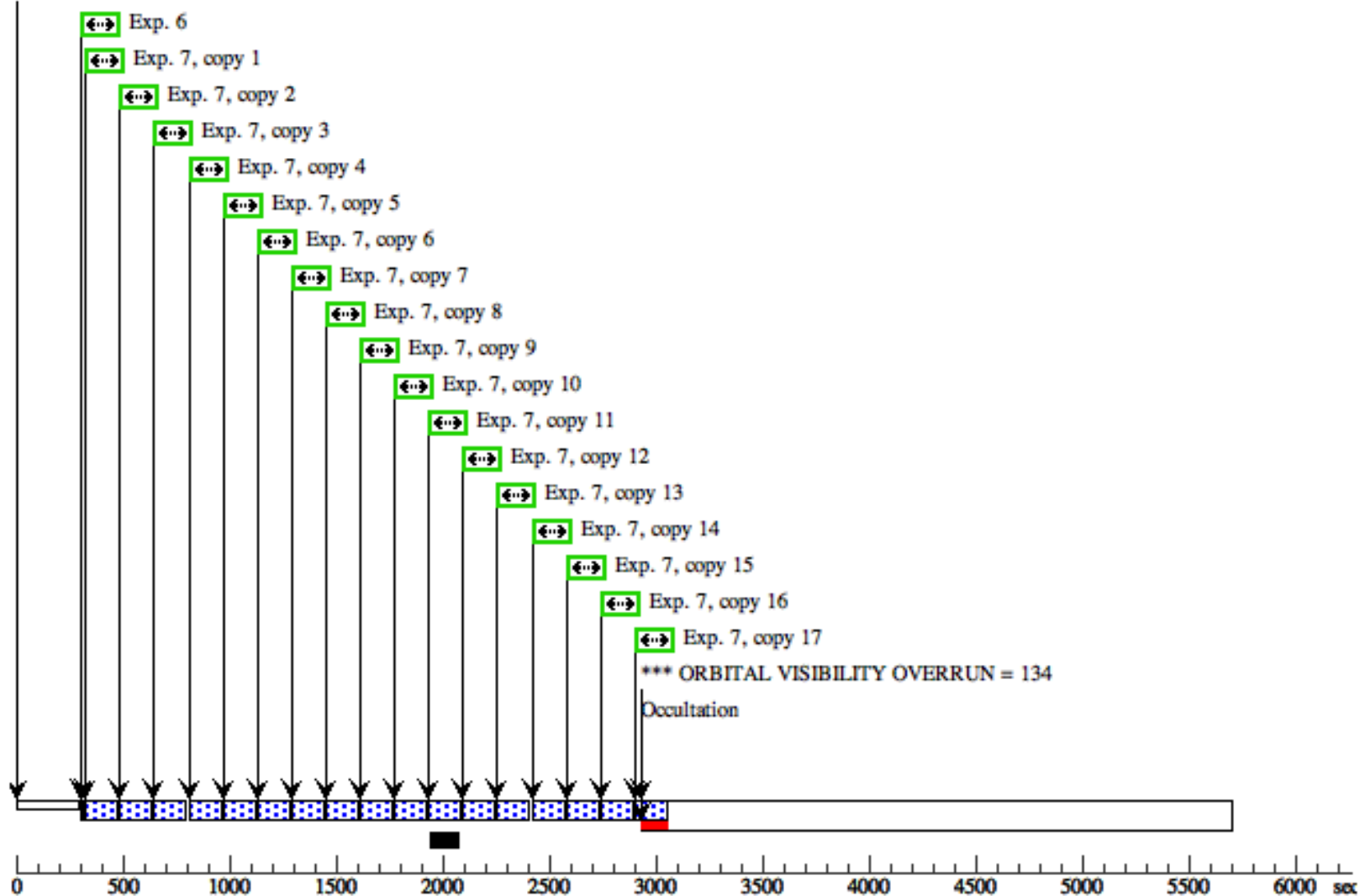
GS Reacq



Orbit 3

Server Version: 20181130

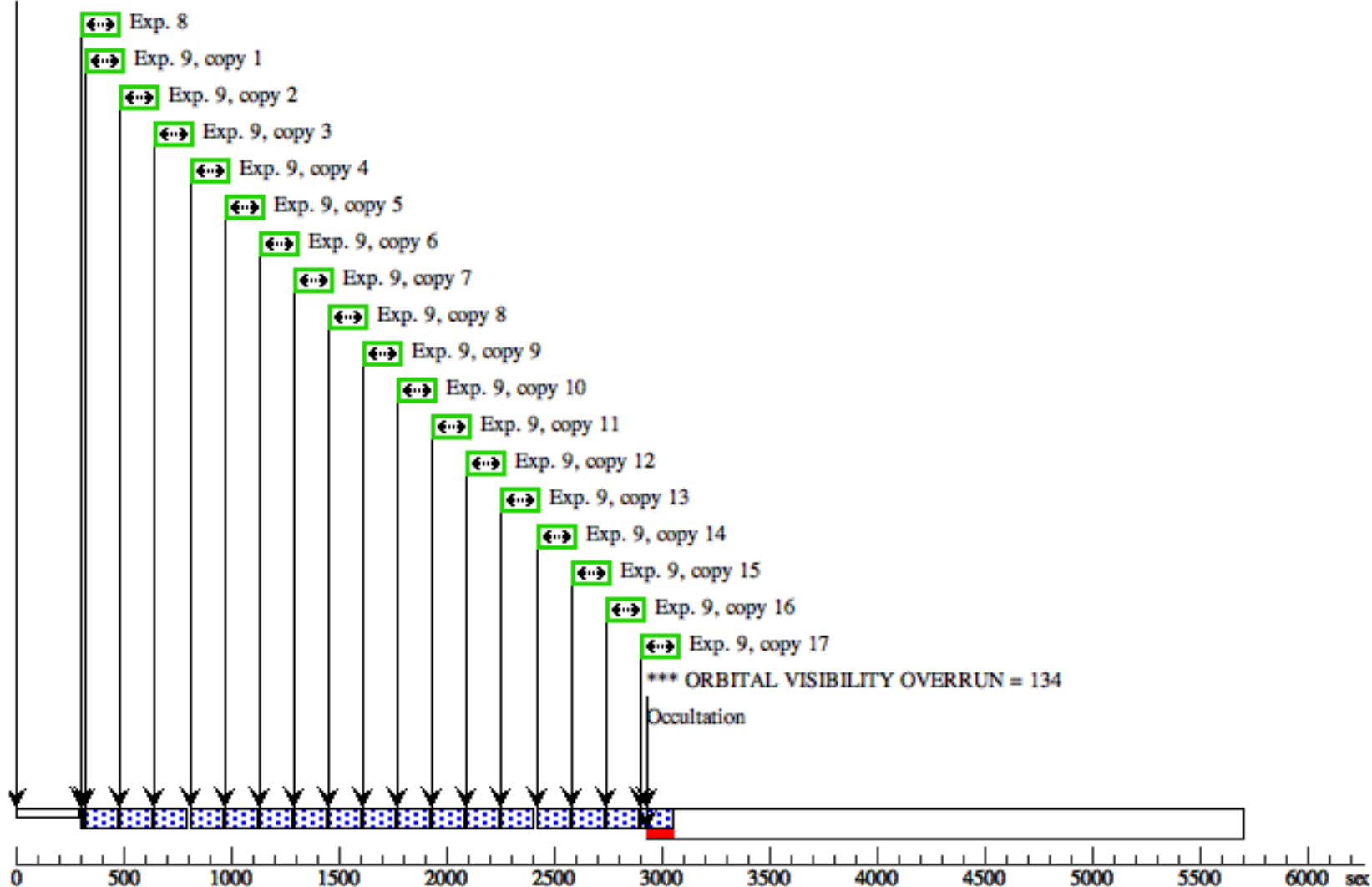
GS Reacq

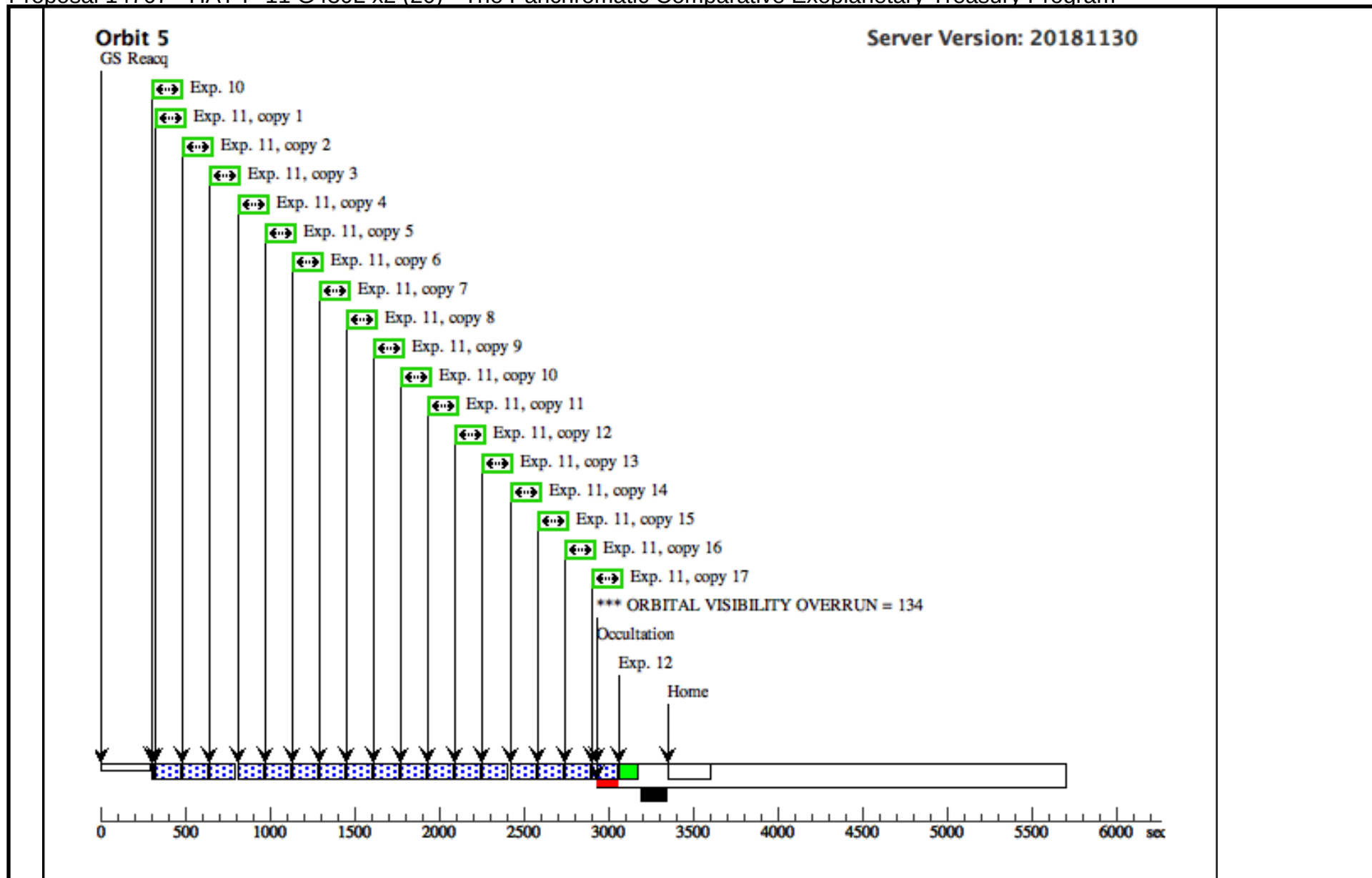


Orbit 4

GS Reacq

Server Version: 20181130





Proposal 14767 - HAT-P-11 G750L (21) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-11 G750L (21), completed	Wed Jun 05 15:14:59 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 4.887804 D AND ZERO-PHASE HJD2454605.89132	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

[illegible]

Proposal 14767 - HAT-P-11 G750L (21) - The Panchromatic Comparative Exoplanetary Treasury Program

	(HAT-P-11 G750L (21)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(HAT-P-11 G750L (21)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(HAT-P-11 G750L (21)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
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	(HAT-P-11 G750L (21)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(HAT-P-11 G750L (21)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(HAT-P-11 G750L (21)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	HAT-P-11	RA: 19 50 50.2477 (297.7093654d)	Proper Motion RA: 127.20 mas/yr	V=9.59	Reference Frame: ICRS
			Dec: +48 04 51.09 (48.08086d)	Proper Motion Dec: 231.23 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]					
Extended=NO						

Proposal 14767 - HAT-P-11 G750L (21) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained	(5) HAT-P-11	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.961 TO 0.964	Sequence 1-3 Non-Int in HAT-P-11 G750L (21)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.19 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.47, which is within limiting magnitude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	HAT-P-11 G750L Orbit 1	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-11 G750L (21)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	HAT-P-11 G750L Orbit 1 (STIS.sp.82 1731)	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-11 G750L (21)	140 Secs X 13 (1820 Secs) [==>(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)]	[1]
	Comments: Exposure will saturate at the brightest pixel by 1.6x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.6x oversaturation at the brightest pixel. Photon-limited precisions of 350 ppm per resolution element, per HST orbit are expected.									
	4	HAT-P-11 G750L Orbit 2	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-11 G750L (21)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - HAT-P-11 G750L (21) - The Panchromatic Comparative Exoplanetary Treasury Program

5	HAT-P-11 G750L Orbit 2	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 4-5 Non-Int in HAT-P-11 G750 L (21)	140 Secs X 17 (2380 Secs)	
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
Comments: Exposure will saturate at the brightest pixel by 1.6x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.6x oversaturation at the brightest pixel. Photon-limited precisions of 350 ppm per resolution element, per HST orbit are expected.								
6	HAT-P-11 G750L Orbit 3	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-6 Non-Int in HAT-P-11 G750 L (21)	1 Secs (1 Secs) [==>]	[3]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.								

Proposal 14767 - HAT-P-11 G750L (21) - The Panchromatic Comparative Exoplanetary Treasury Program

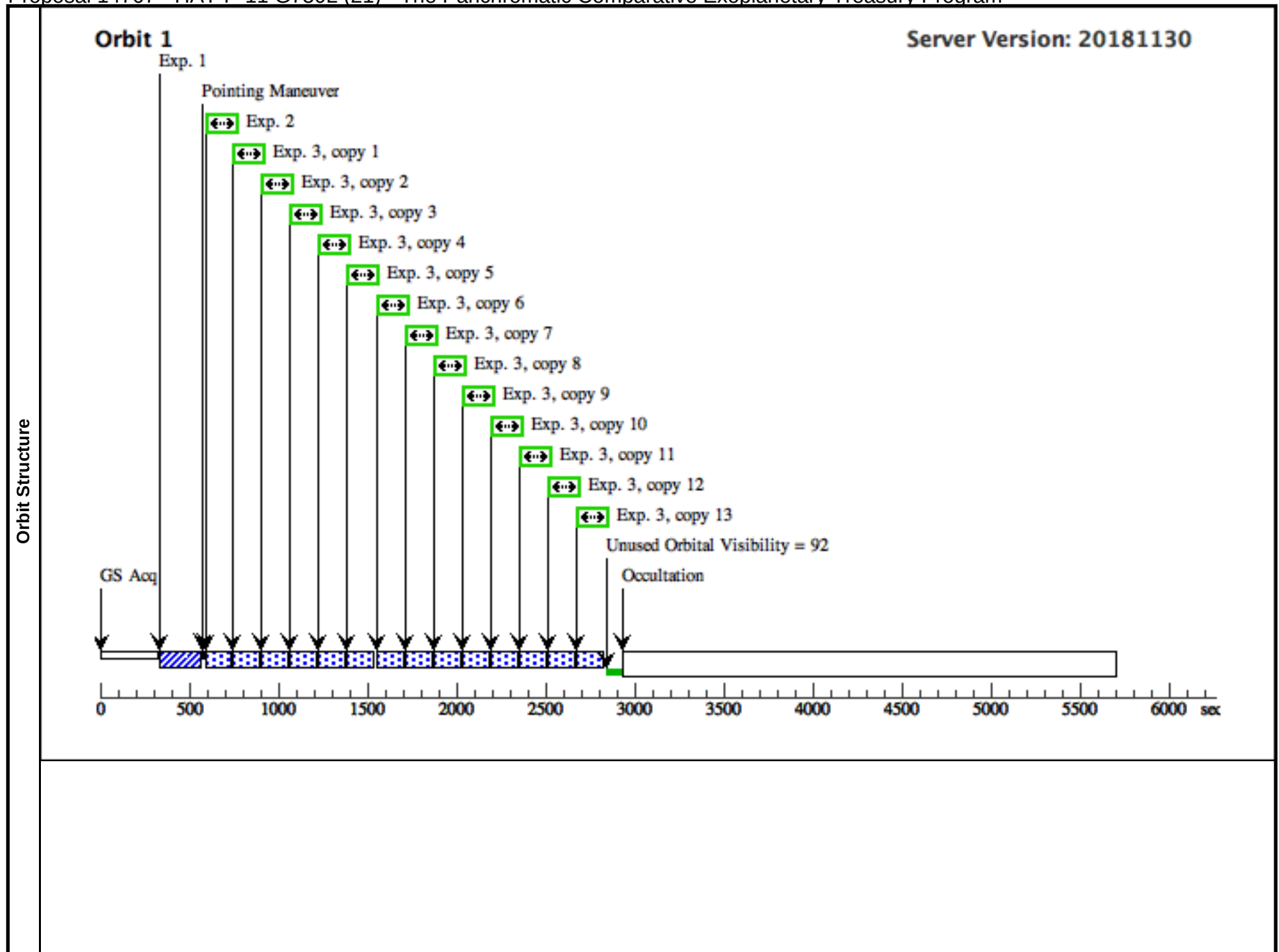
7	HAT-P-11 G750L Orbit 3	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	140 Secs X 17 (2380 Secs)	[3]
Comments: Exposure will saturate at the brightest pixel by 1.6x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.6x oversaturation at the brightest pixel. Photon-limited precisions of 350 ppm per resolution element, per HST orbit are expected.							
8	HAT-P-11 G750L Orbit 4	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-11 G750L (21) 1 Secs (1 Secs) [==>]	[4]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - HAT-P-11 G750L (21) - The Panchromatic Comparative Exoplanetary Treasury Program

9	HAT-P-11 G750L Orbit 4	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-11 G750L (21)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]
<i>Comments: Exposure will saturate at the brightest pixel by 1.6x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.6x oversaturation at the brightest pixel. Photon-limited precisions of 350 ppm per resolution element, per HST orbit are expected.</i>								
10	HAT-P-11 G750L Orbit 5	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in HAT-P-11 G750L (21)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								

Proposal 14767 - HAT-P-11 G750L (21) - The Panchromatic Comparative Exoplanetary Treasury Program

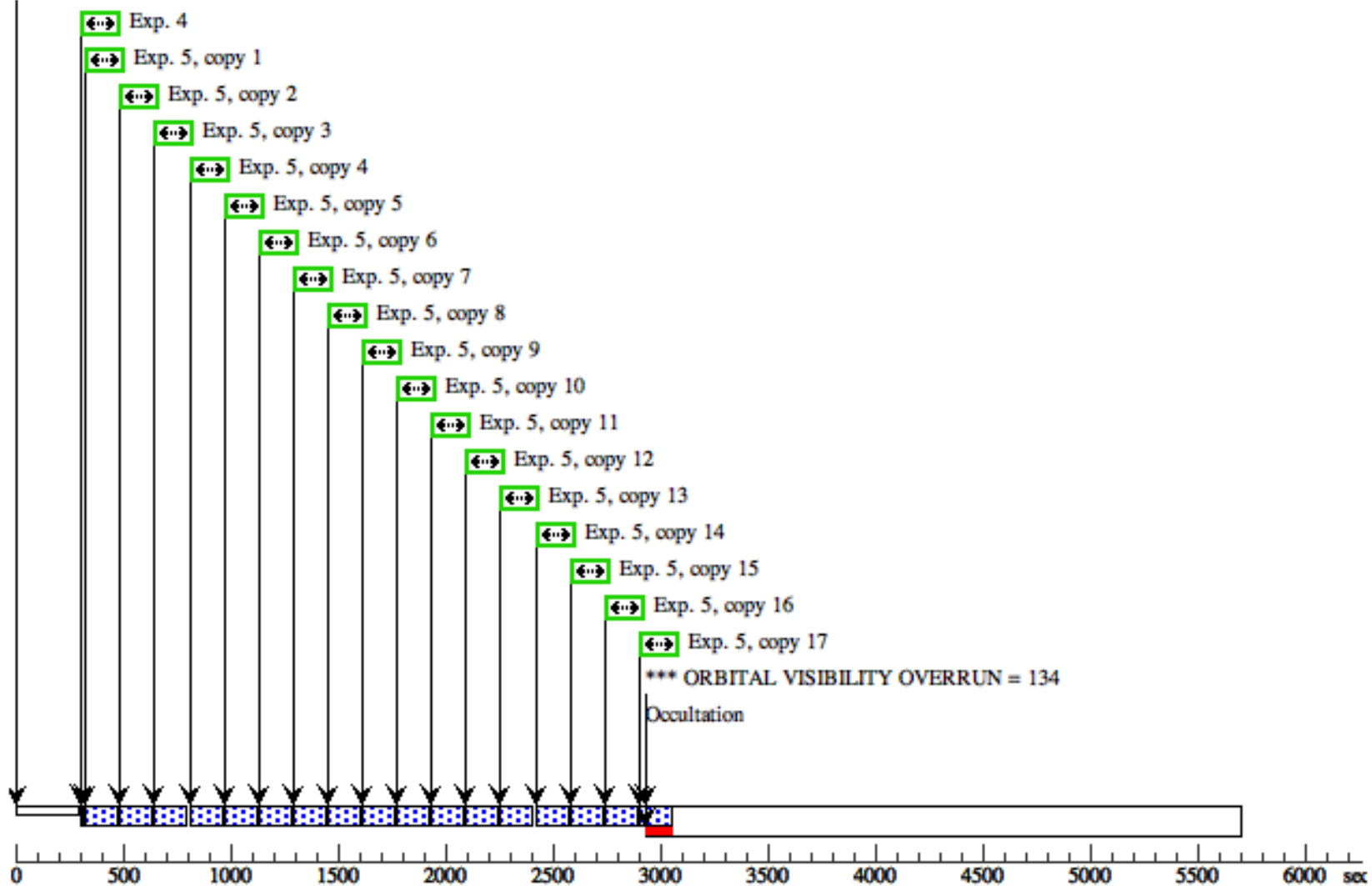
11	HAT-P-11 G750L Orbit 5	(5) HAT-P-11	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non -Int in HAT-P-11 G7 50L (21)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[5]
Comments: Exposure will saturate at the brightest pixel by 1.6x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.6x oversaturation at the brightest pixel. Photon-limited precisions of 350 ppm per resolution element, per HST orbit are expected.								
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		Sequence 10-14 Non -Int in HAT-P-11 G7 50L (21)	[==>]	[5]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle								
13	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		Sequence 10-14 Non -Int in HAT-P-11 G7 50L (21)	[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	Sequence 10-14 Non -Int in HAT-P-11 G7 50L (21)	240 Secs X 4 (960 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[5]
Comments: Expected peak count level = 50,000 e-								



Orbit 2

Server Version: 20181130

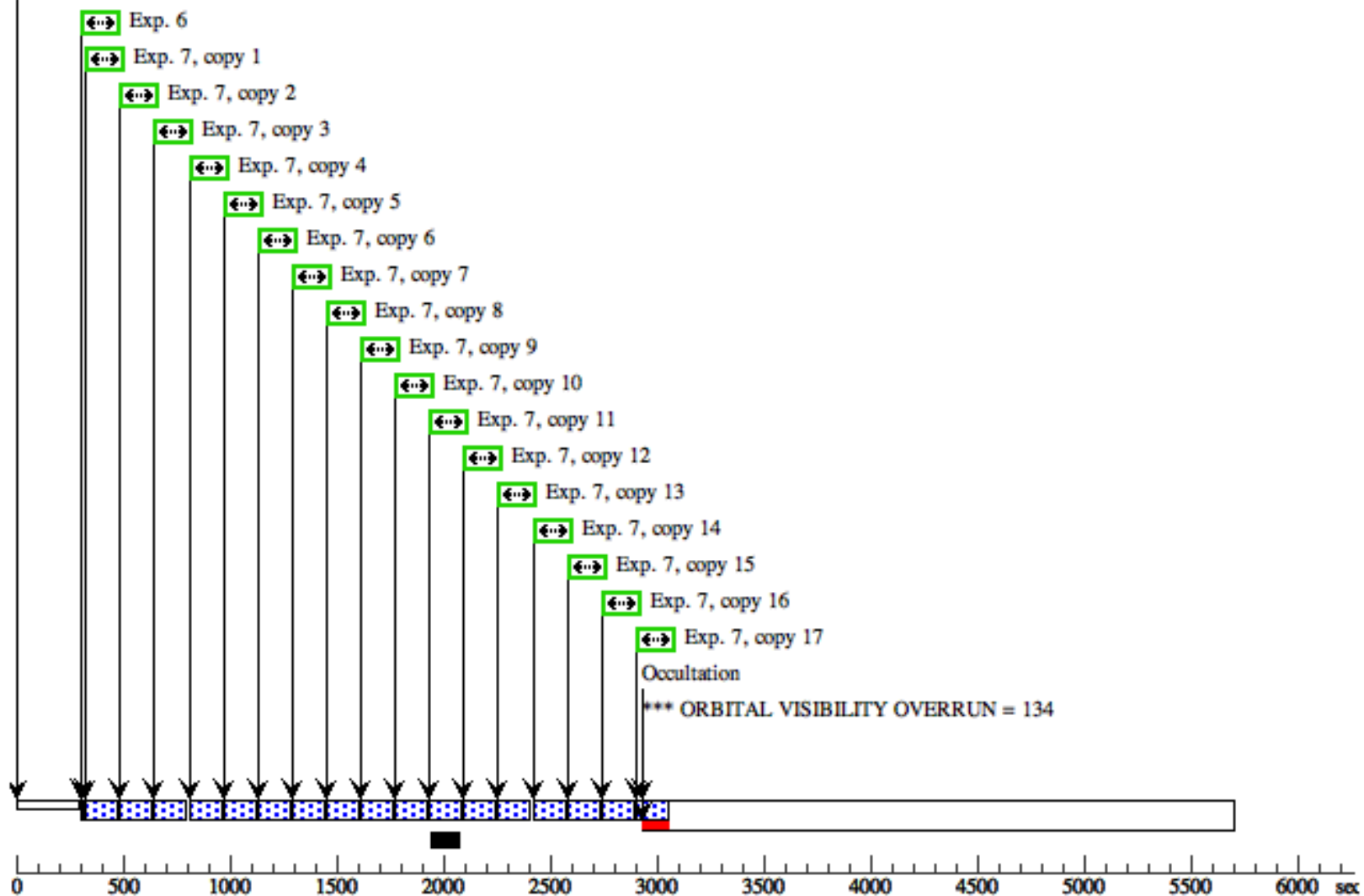
GS Reacq



Orbit 3

Server Version: 20181130

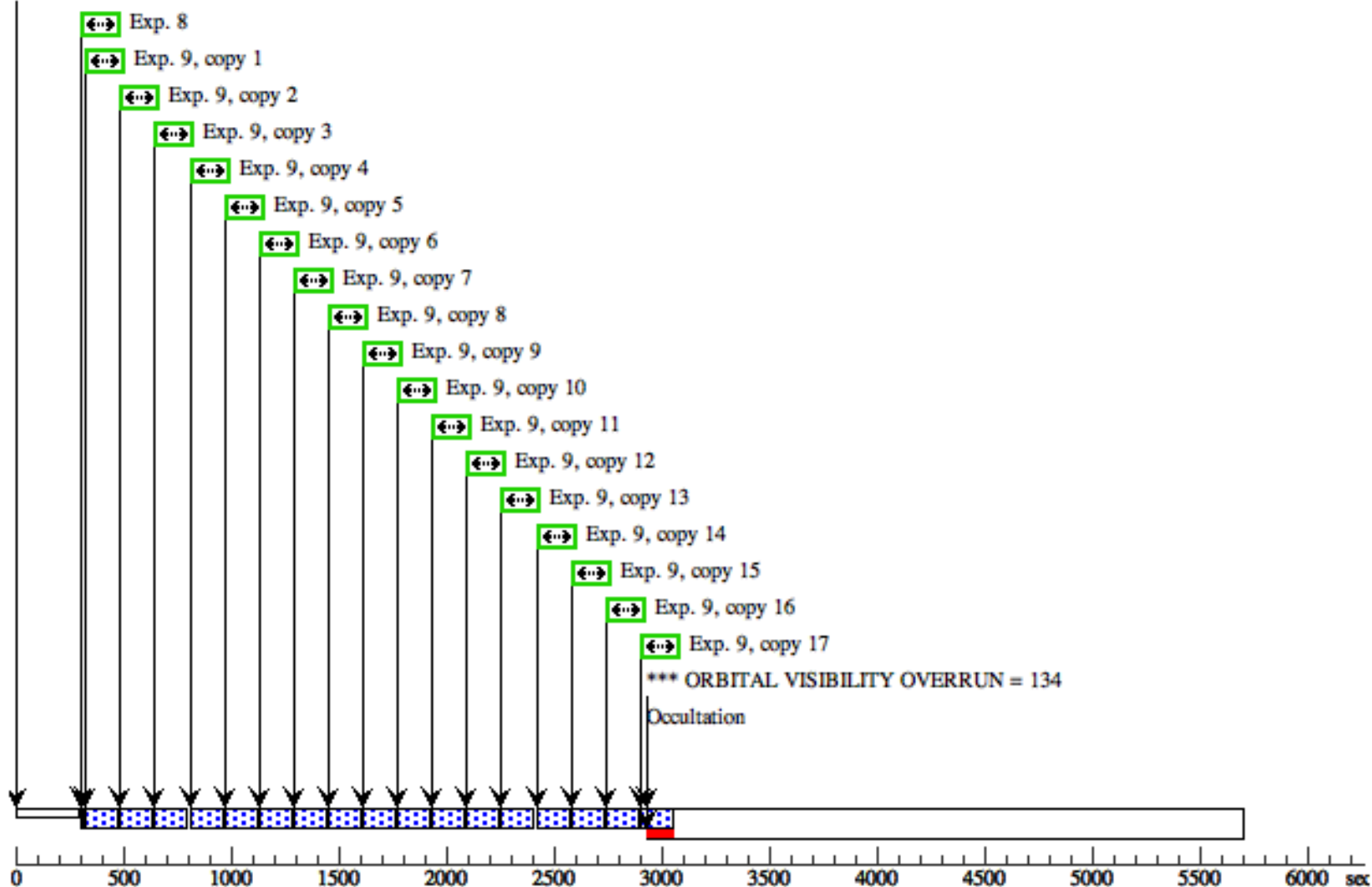
GS Reacq

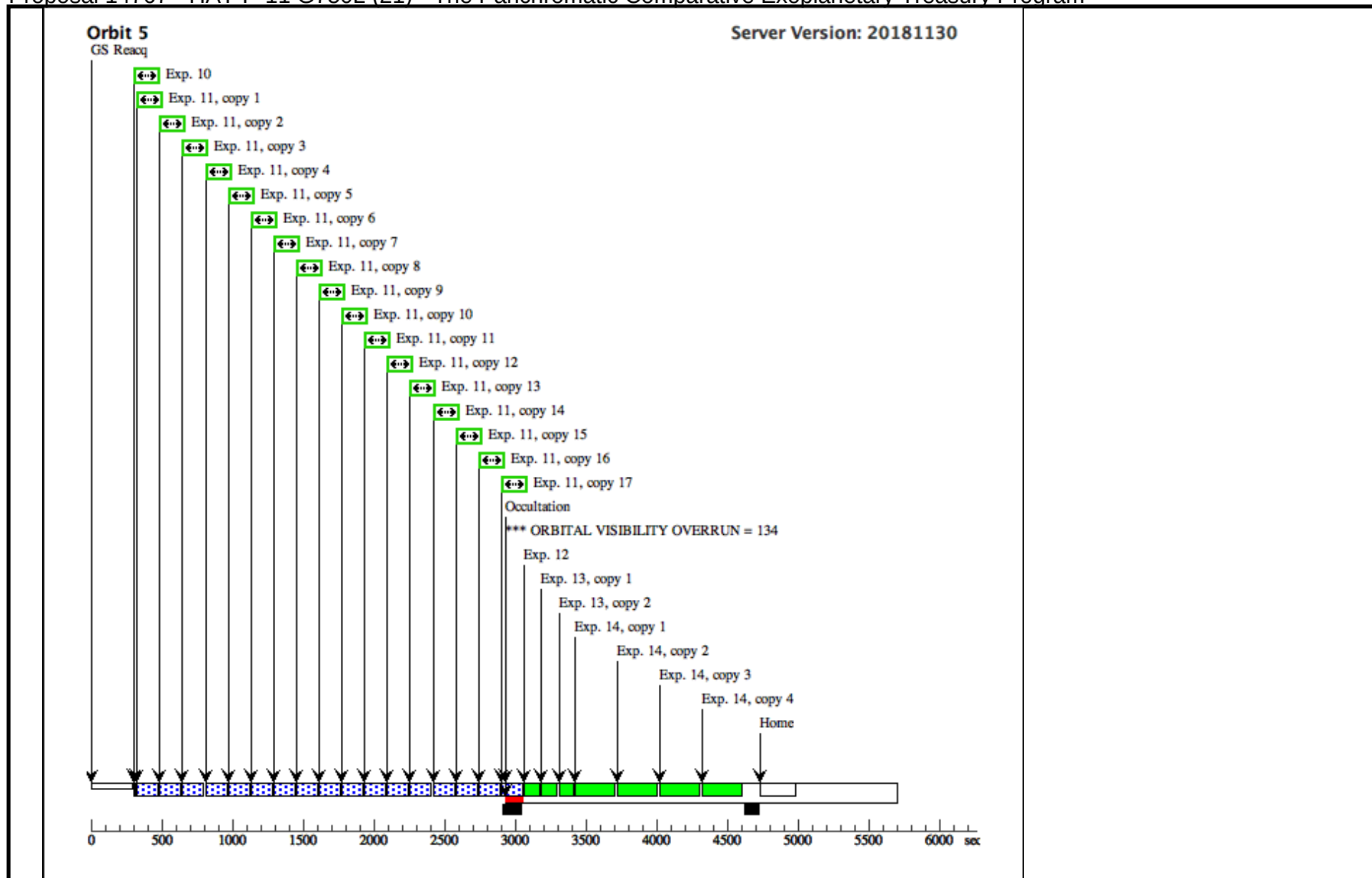


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-29 STIS/G140M x1 (22) - The Panchromatic Comparative Exoplanetary Treasury Program

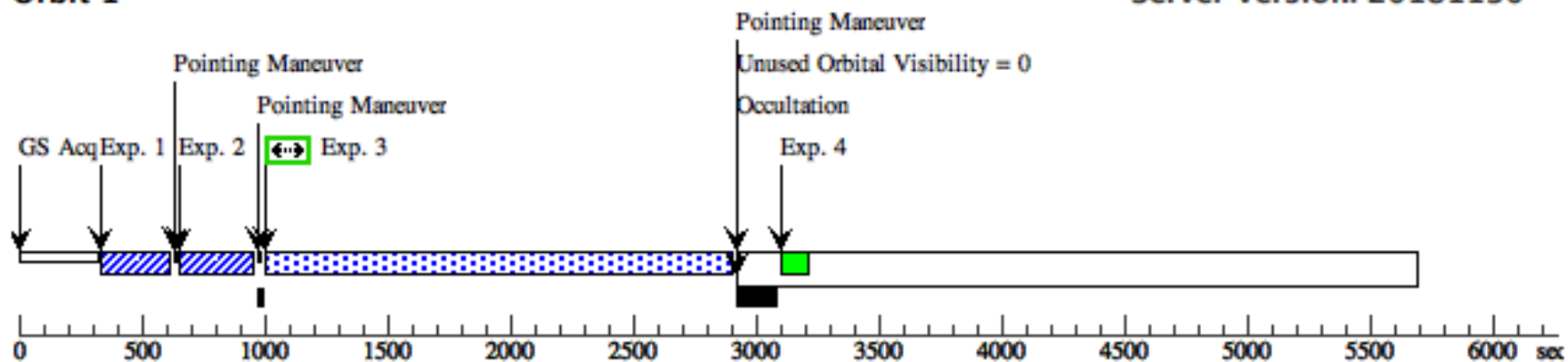
Visit	Proposal 14767, WASP-29 STIS/G140M x1 (22), implementation Wed Jun 05 15:15:00 GMT 2019				
	Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SCHED 100%; Period 3.9227186 D AND ZERO-PHASE HJD2455830.188110 Comments: <i>It is essential that the five orbits be scheduled in a continuous block.</i> <i>Preferred execution between mid-June and mid-September (22-24)</i>				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(6)	WASP-29	RA: 23 51 31.0850 (357.8795208d)	Proper Motion RA: -56.8 mas/yr	V=11.3
		Alt Name1: GSC08015-01020	Dec: -39 54 24.26 (-39.90674d)	Proper Motion Dec: -87.5 mas/yr	Reference Frame: ICRS
		Alt Name2: GSC2.3SBGL000052	Equinox: J2000	Epoch of Position: 2000	
	Comments: <i>This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

Proposal 14767 - WASP-29 STIS/G140M x1 (22) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.ta.826 496)	(6) WASP-29	STIS/CCD, ACQ, F28X50OIII	MIRROR		PHASE 0.948 TO 0.972	Sequence 1-4 Non-Int in WASP-29 STIS/G140M x1 (22)	3.5 Secs (3.5 Secs) [==>]	[1]
	2	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in WASP-29 STIS/G140M x1 (22)	0.8 Secs (0.8 Secs) [==>]	[1]
	3	SCI_1 (STIS.sp.82 6566)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in WASP-29 STIS/G140M x1 (22)	1751 Secs (1751 Secs) [==>]	[1]
	4	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 1-4 Non-Int in WASP-29 STIS/G140M x1 (22)	[==>]	[1]
	5	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in WASP-29 STIS/G140M x1 (22)	0.8 Secs (0.8 Secs) [==>]	[2]
	6	SCI_2 (STIS.sp.82 6567)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in WASP-29 STIS/G140M x1 (22)	1983 Secs (1983 Secs) [==>]	[2]
	7	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 5-7 Non-Int in WASP-29 STIS/G140M x1 (22)	[==>]	[2]
	8	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in WASP-29 STIS/G140M x1 (22)	0.8 Secs (0.8 Secs) [==>]	[3]
	9	SCI_3 (STIS.sp.82 6567)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in WASP-29 STIS/G140M x1 (22)	1983 Secs (1983 Secs) [==>]	[3]
	10	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 8-10 Non-Int in WASP-29 STIS/G140M x1 (22)	[==>]	[3]
	11	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in WASP-29 STIS/G140M x1 (22)	0.8 Secs (0.8 Secs) [==>]	[4]
	12	SCI_4 (STIS.sp.82 6567)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in WASP-29 STIS/G140M x1 (22)	1983 Secs (1983 Secs) [==>]	[4]
	13	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 11-13 Non-Int in WASP-29 STIS/G140M x1 (22)	[==>]	[4]
	14	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 14-16 Non-Int in WASP-29 STIS/G140M x1 (22)	0.8 Secs (0.8 Secs) [==>]	[5]
	15	SCI_5 (STIS.sp.82 6567)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 14-16 Non-Int in WASP-29 STIS/G140M x1 (22)	1983 Secs (1983 Secs) [==>]	[5]
	16	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 14-16 Non-Int in WASP-29 STIS/G140M x1 (22)	[==>]	[5]

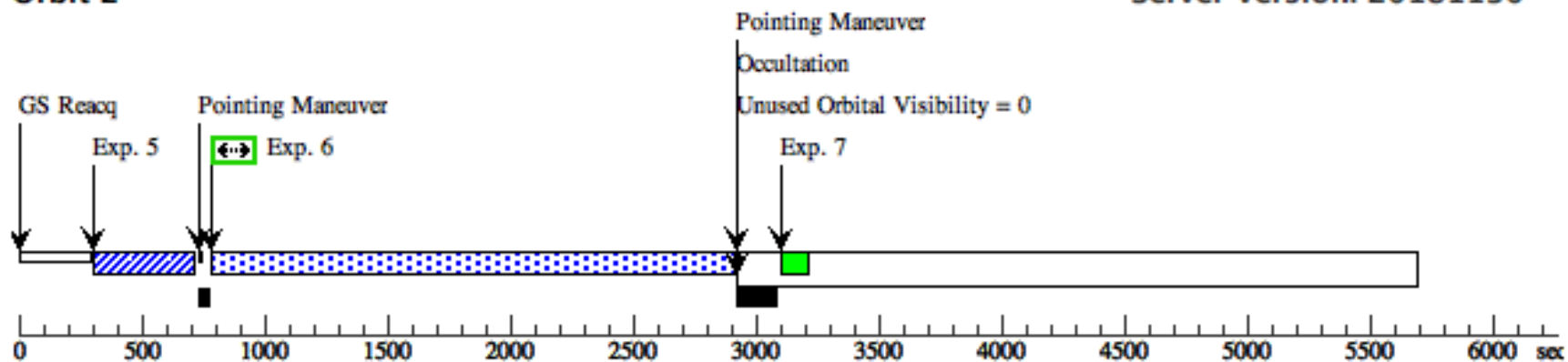
Orbit 1

Server Version: 20181130



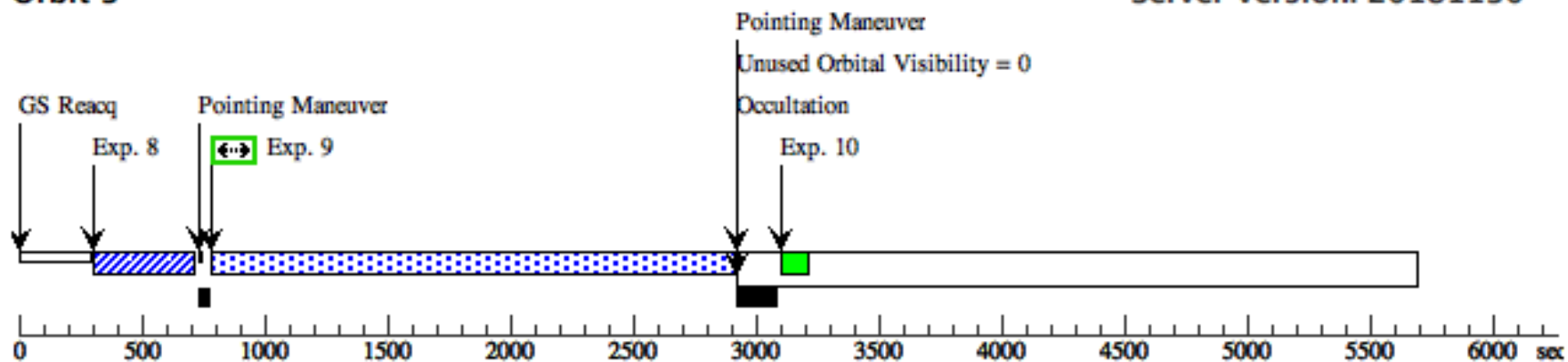
Orbit 2

Server Version: 20181130



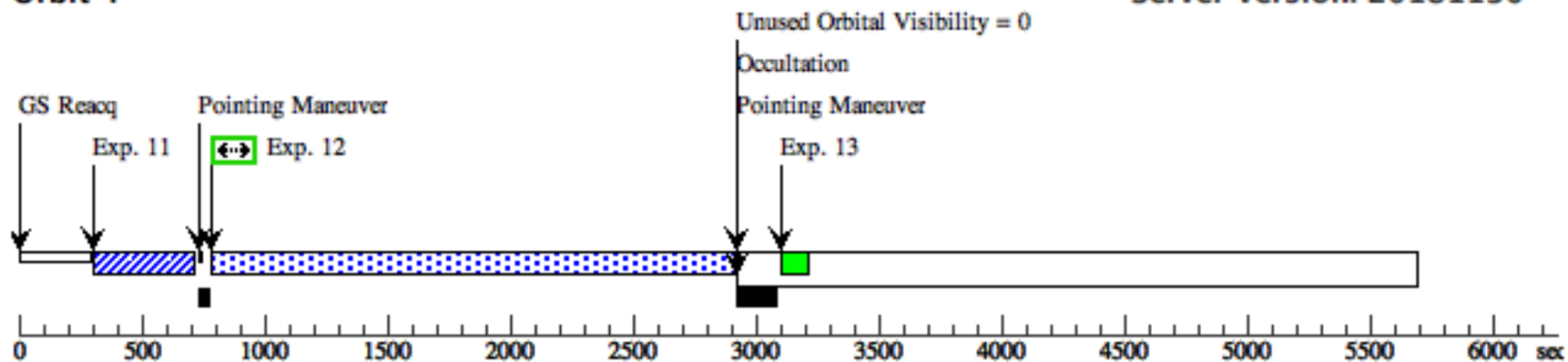
Orbit 3

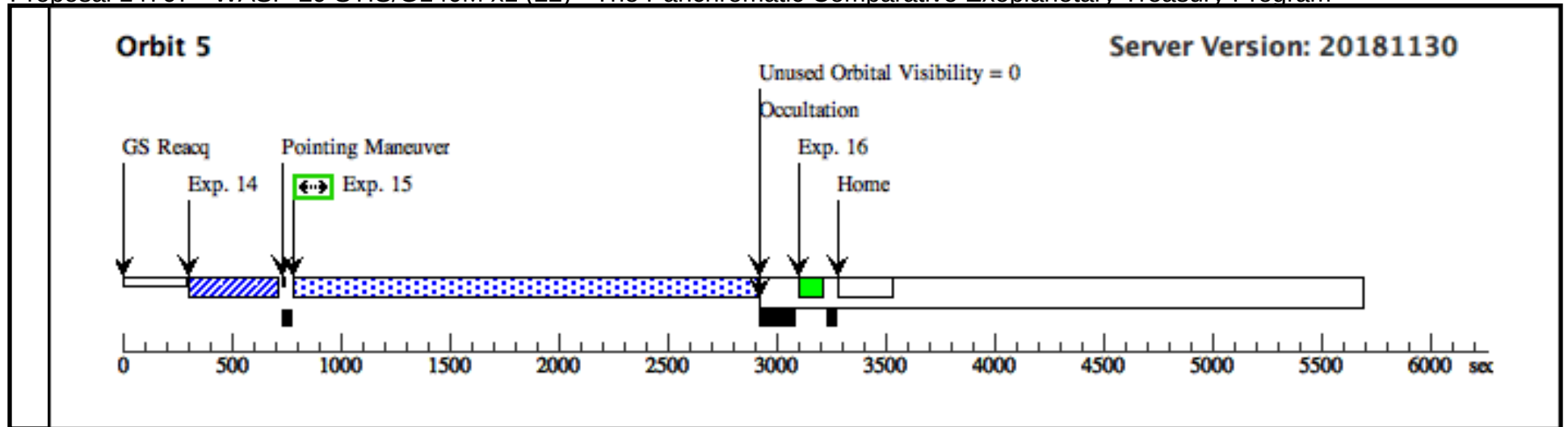
Server Version: 20181130



Orbit 4

Server Version: 20181130





Proposal 14767 - WASP-29 STIS/G140M x2 (23) - The Panchromatic Comparative Exoplanetary Treasury Program

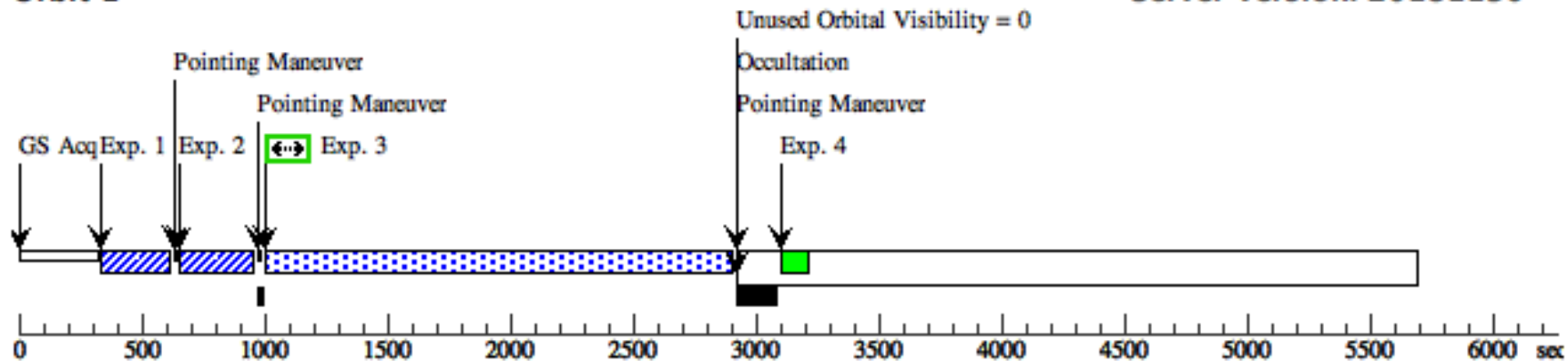
Visit	Proposal 14767, WASP-29 STIS/G140M x2 (23), implementation Wed Jun 05 15:15:00 GMT 2019				
	Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SCHED 100%; Period 3.9227186 D AND ZERO-PHASE HJD2455830.188110 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(6)	WASP-29 Alt Name1: GSC08015-01020 Alt Name2: GSC2.3SBGL000052	RA: 23 51 31.0850 (357.8795208d) Dec: -39 54 24.26 (-39.90674d) Equinox: J2000	Proper Motion RA: -56.8 mas/yr Proper Motion Dec: -87.5 mas/yr Epoch of Position: 2000	V=11.3 Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - WASP-29 STIS/G140M x2 (23) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.ta.826 496)	(6) WASP-29	STIS/CCD, ACQ, F28X50OIII	MIRROR		PHASE 0.948 TO 0.972	Sequence 1-4 Non-Int in WASP-29 STIS/G140M x2 (23)	3.5 Secs (3.5 Secs) [==>]	[1]
	2	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in WASP-29 STIS/G140M x2 (23)	0.8 Secs (0.8 Secs) [==>]	[1]
	3	SCI_1 (STIS.sp.82 6566)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in WASP-29 STIS/G140M x2 (23)	1751 Secs (1751 Secs) [==>]	[1]
	4	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 1-4 Non-Int in WASP-29 STIS/G140M x2 (23)	[==>]	[1]
	5	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in WASP-29 STIS/G140M x2 (23)	0.8 Secs (0.8 Secs) [==>]	[2]
	6	SCI_2 (STIS.sp.82 6567)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in WASP-29 STIS/G140M x2 (23)	1983 Secs (1983 Secs) [==>]	[2]
	7	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 5-7 Non-Int in WASP-29 STIS/G140M x2 (23)	[==>]	[2]
	8	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in WASP-29 STIS/G140M x2 (23)	0.8 Secs (0.8 Secs) [==>]	[3]
	9	SCI_3 (STIS.sp.82 6567)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in WASP-29 STIS/G140M x2 (23)	1983 Secs (1983 Secs) [==>]	[3]
	10	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 8-10 Non-Int in WASP-29 STIS/G140M x2 (23)	[==>]	[3]
	11	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in WASP-29 STIS/G140M x2 (23)	0.8 Secs (0.8 Secs) [==>]	[4]
	12	SCI_4 (STIS.sp.82 6567)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in WASP-29 STIS/G140M x2 (23)	1983 Secs (1983 Secs) [==>]	[4]
	13	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 11-13 Non-Int in WASP-29 STIS/G140M x2 (23)	[==>]	[4]
	14	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 14-16 Non-Int in WASP-29 STIS/G140M x2 (23)	0.8 Secs (0.8 Secs) [==>]	[5]
	15	SCI_5 (STIS.sp.82 6567)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 14-16 Non-Int in WASP-29 STIS/G140M x2 (23)	1983 Secs (1983 Secs) [==>]	[5]
	16	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 14-16 Non-Int in WASP-29 STIS/G140M x2 (23)	[==>]	[5]

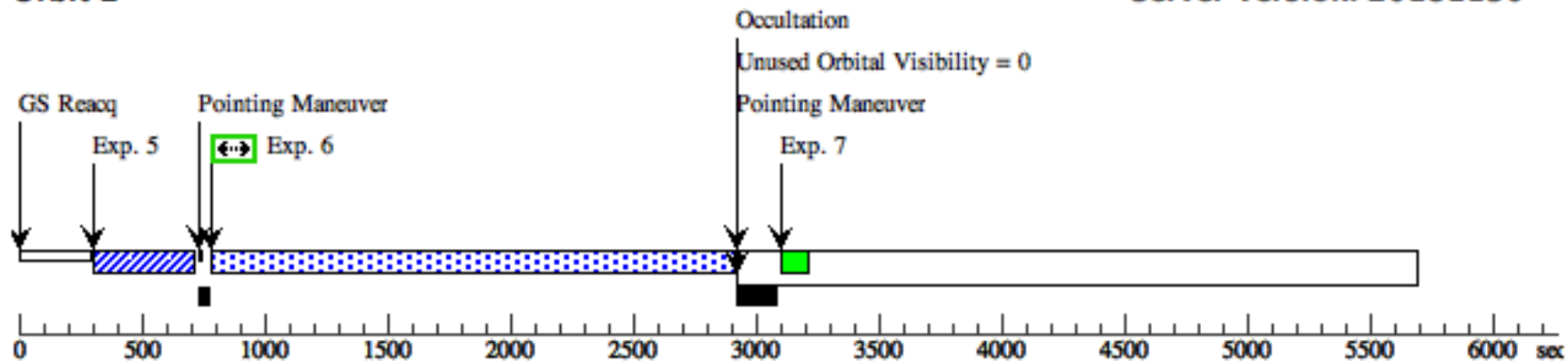
Orbit 1

Server Version: 20181130



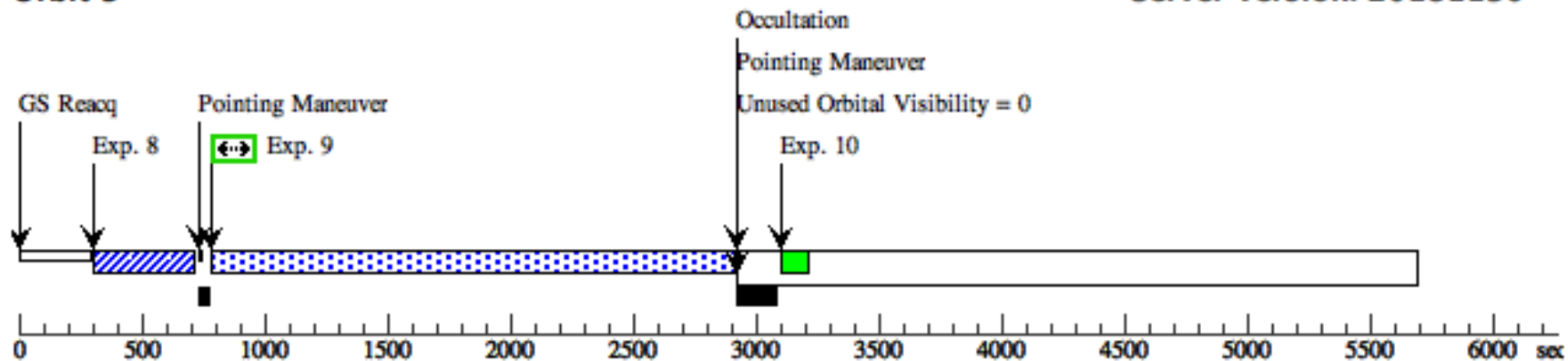
Orbit 2

Server Version: 20181130



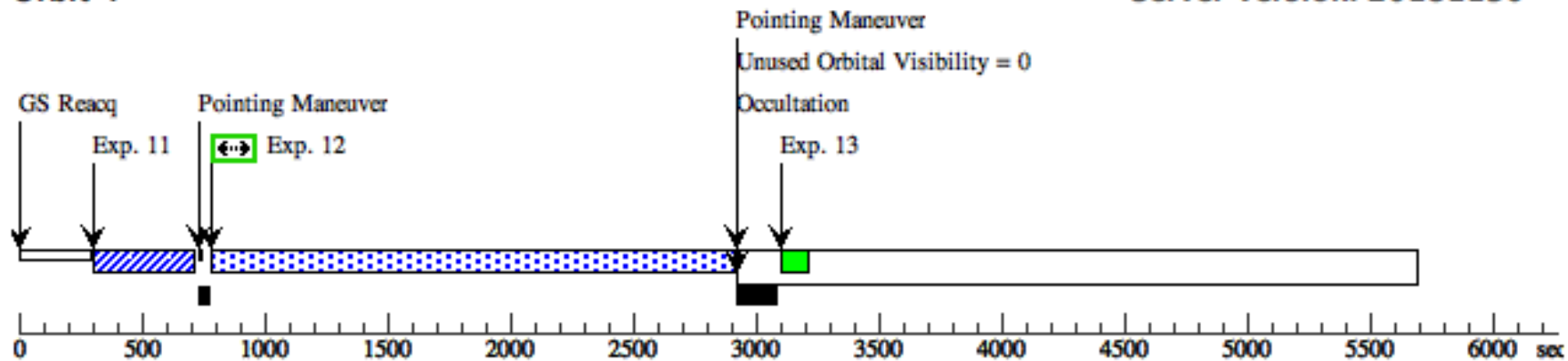
Orbit 3

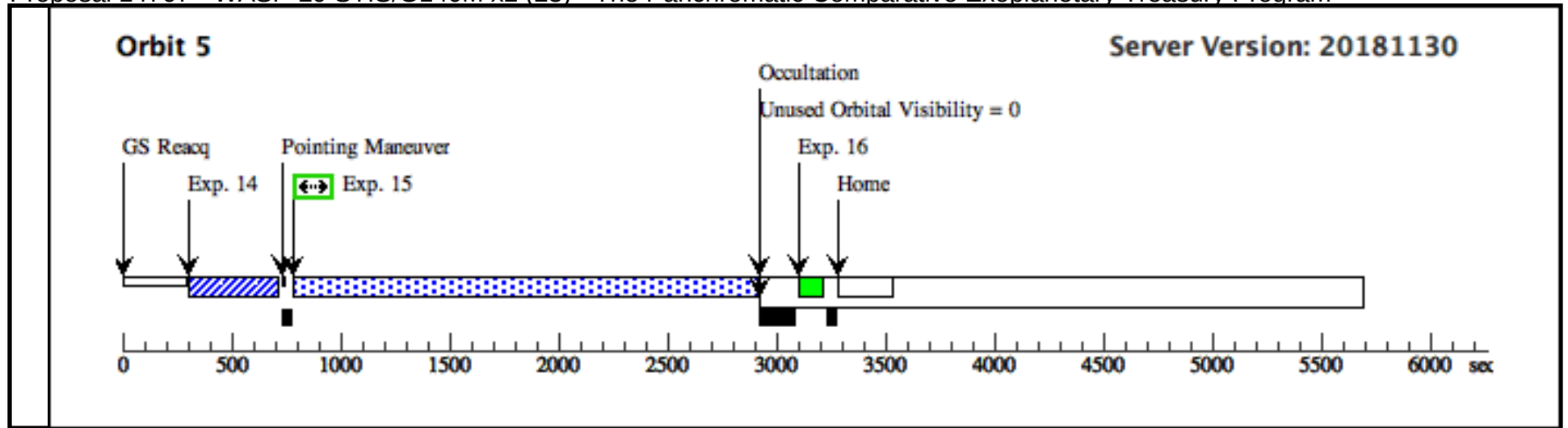
Server Version: 20181130



Orbit 4

Server Version: 20181130





Proposal 14767 - WASP-29 STIS/G140M x3 (24) - The Panchromatic Comparative Exoplanetary Treasury Program

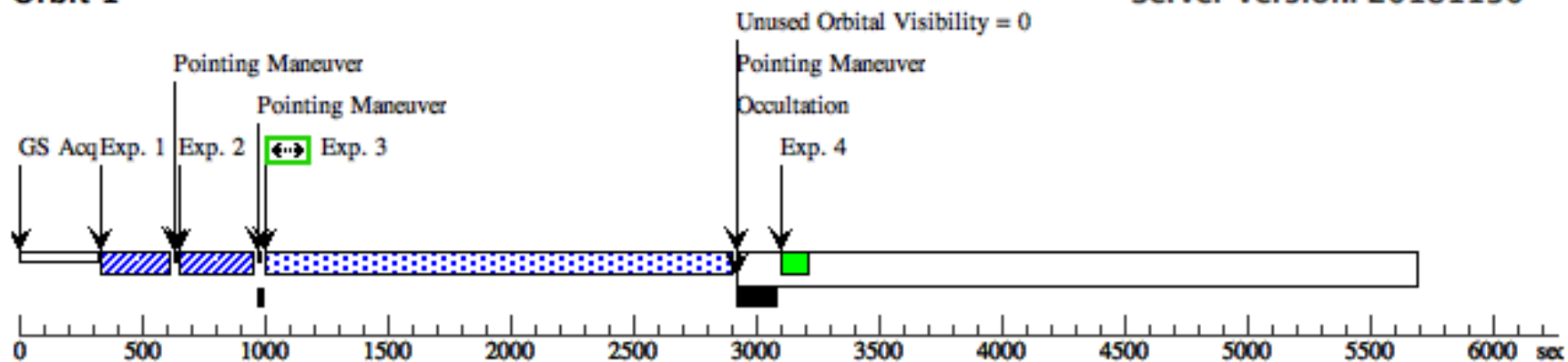
Visit	Proposal 14767, WASP-29 STIS/G140M x3 (24), implementation Wed Jun 05 15:15:00 GMT 2019				
	Diagnostic Status: No Diagnostics Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SCHED 100%; Period 3.9227186 D AND ZERO-PHASE HJD2455830.188110 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(6)	WASP-29 Alt Name1: GSC08015-01020 Alt Name2: GSC2.3SBGL000052	RA: 23 51 31.0850 (357.8795208d) Dec: -39 54 24.26 (-39.90674d) Equinox: J2000	Proper Motion RA: -56.8 mas/yr Proper Motion Dec: -87.5 mas/yr Epoch of Position: 2000	V=11.3 Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - WASP-29 STIS/G140M x3 (24) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.ta.826 496)	(6) WASP-29	STIS/CCD, ACQ, F28X50OIII	MIRROR		PHASE 0.948 TO 0.972	Sequence 1-4 Non-Int in WASP-29 STIS/G140M x3 (24)	3.5 Secs (3.5 Secs) [==>]	[1]
	2	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in WASP-29 STIS/G140M x3 (24)	0.8 Secs (0.8 Secs) [==>]	[1]
	3	SCI_1 (STIS.sp.82 6566)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in WASP-29 STIS/G140M x3 (24)	1751 Secs (1751 Secs) [==>]	[1]
	4	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 1-4 Non-Int in WASP-29 STIS/G140M x3 (24)	[==>]	[1]
	5	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in WASP-29 STIS/G140M x3 (24)	0.8 Secs (0.8 Secs) [==>]	[2]
	6	SCI_2 (STIS.sp.82 6567)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in WASP-29 STIS/G140M x3 (24)	1983 Secs (1983 Secs) [==>]	[2]
	7	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 5-7 Non-Int in WASP-29 STIS/G140M x3 (24)	[==>]	[2]
	8	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in WASP-29 STIS/G140M x3 (24)	0.8 Secs (0.8 Secs) [==>]	[3]
	9	SCI_3 (STIS.sp.82 6567)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in WASP-29 STIS/G140M x3 (24)	1983 Secs (1983 Secs) [==>]	[3]
	10	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 8-10 Non-Int in WASP-29 STIS/G140M x3 (24)	[==>]	[3]
	11	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in WASP-29 STIS/G140M x3 (24)	0.8 Secs (0.8 Secs) [==>]	[4]
	12	SCI_4 (STIS.sp.82 6567)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in WASP-29 STIS/G140M x3 (24)	1983 Secs (1983 Secs) [==>]	[4]
	13	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 11-13 Non-Int in WASP-29 STIS/G140M x3 (24)	[==>]	[4]
	14	ACQ/Peak (STIS.ta.826 560)	(6) WASP-29	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 14-16 Non-Int in WASP-29 STIS/G140M x3 (24)	0.8 Secs (0.8 Secs) [==>]	[5]
	15	SCI_5 (STIS.sp.82 6567)	(6) WASP-29	STIS/FUV-MAMA, TIME-TAG, 52X0.1D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 14-16 Non-Int in WASP-29 STIS/G140M x3 (24)	1983 Secs (1983 Secs) [==>]	[5]
	16	GO-Wavecal	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.1	G140M 1222 A			Sequence 14-16 Non-Int in WASP-29 STIS/G140M x3 (24)	[==>]	[5]

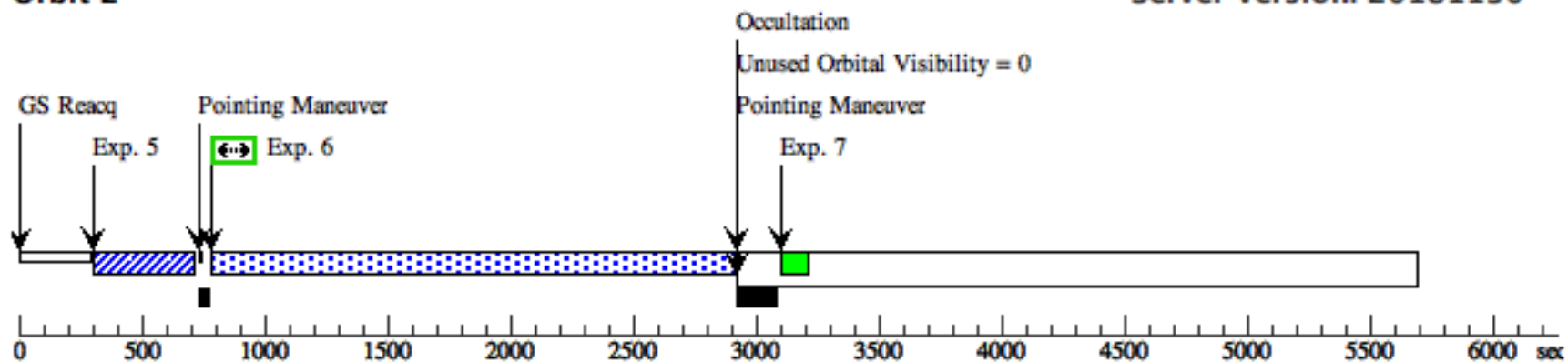
Orbit 1

Server Version: 20181130



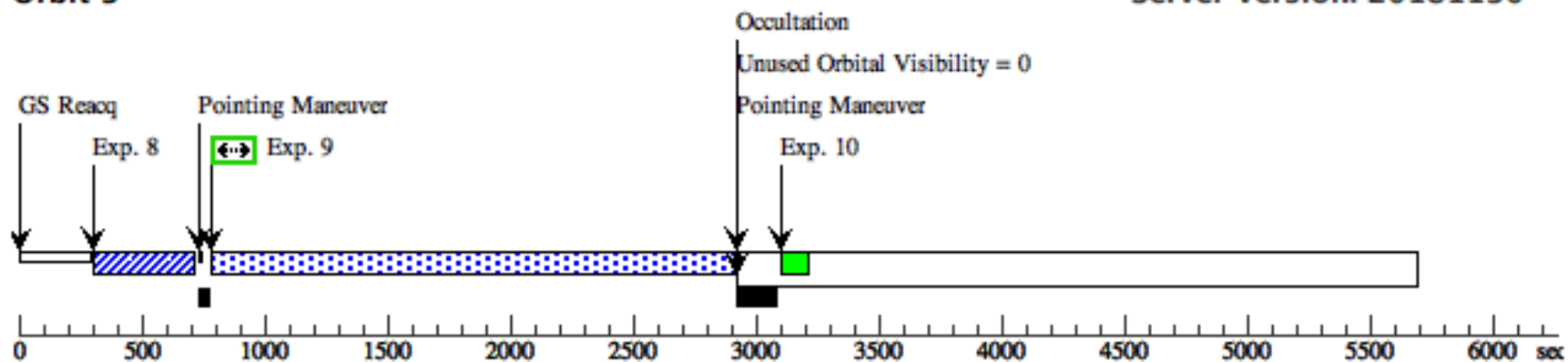
Orbit 2

Server Version: 20181130



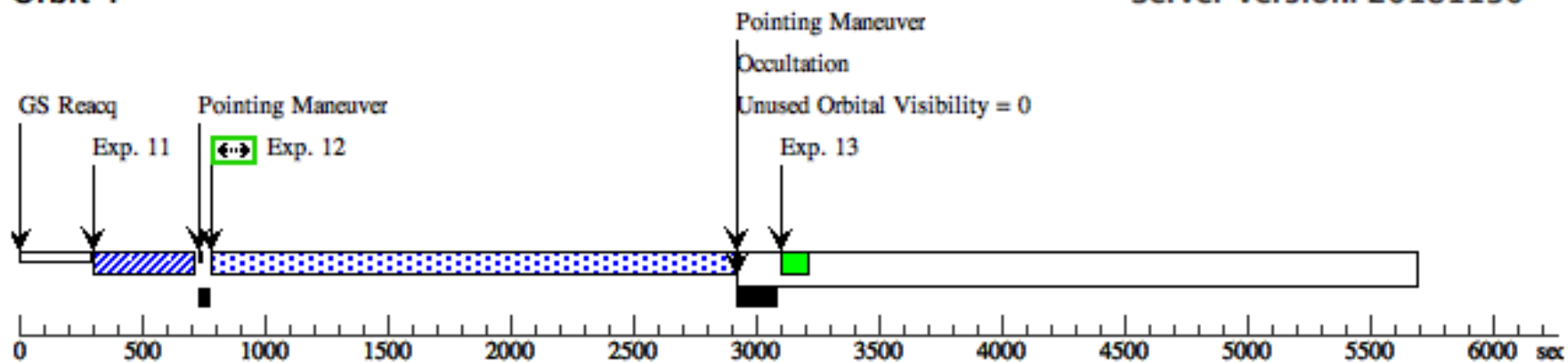
Orbit 3

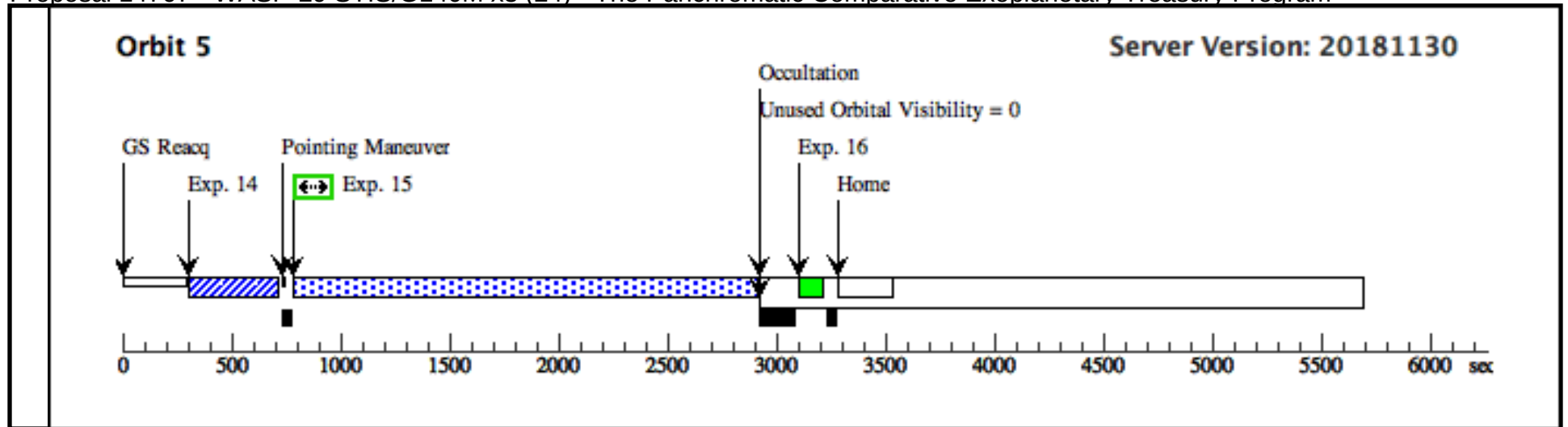
Server Version: 20181130



Orbit 4

Server Version: 20181130



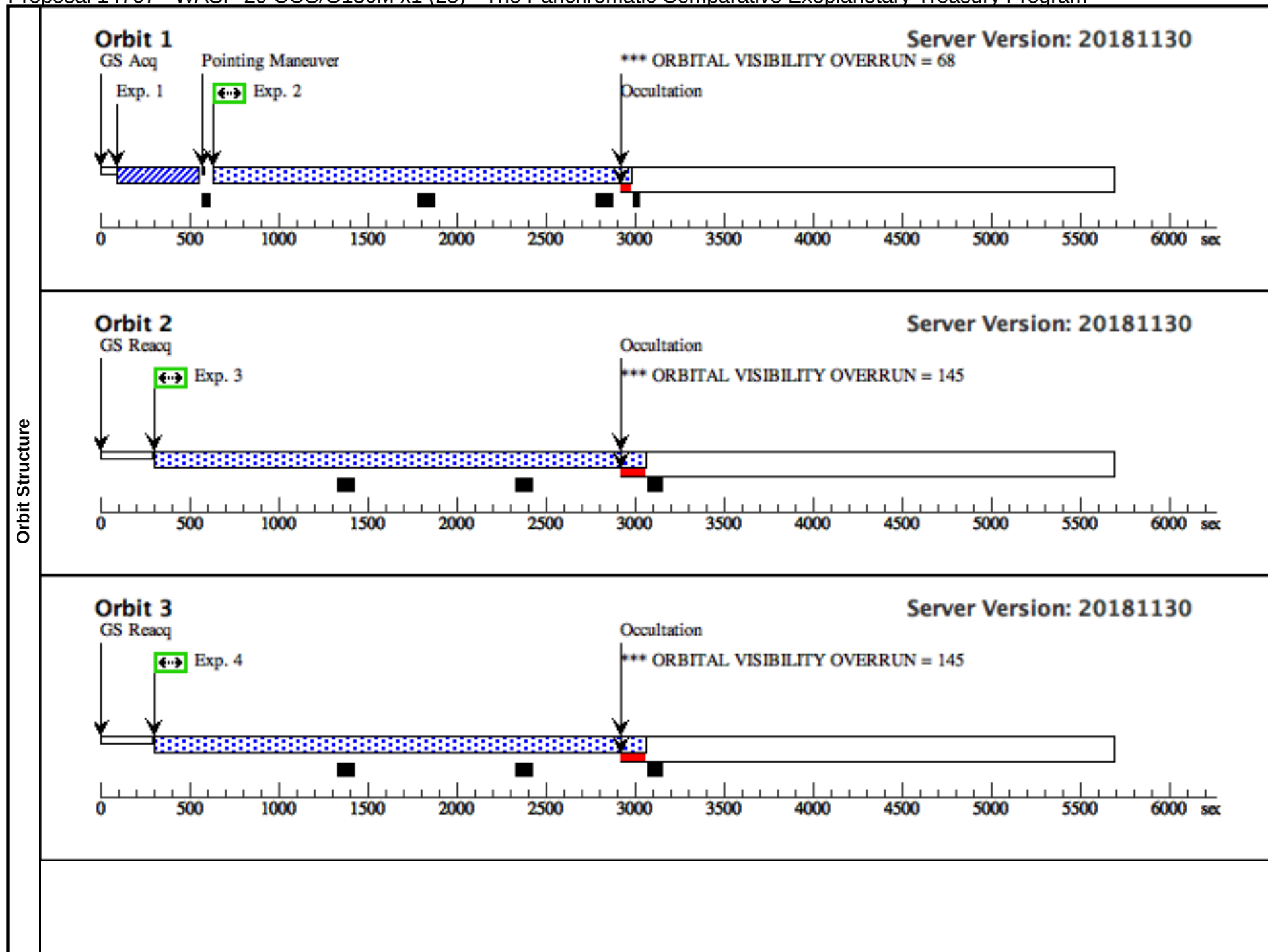


Proposal 14767 - WASP-29 COS/G130M x1 (25) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-29 COS/G130M x1 (25), completed Wed Jun 05 15:15:00 GMT 2019					
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; Period 3.9227186 D AND ZERO-PHASE HJD2455830.188110 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>					
Diagnostics	(WASP-29 COS/G130M x1 (25)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (WASP-29 COS/G130M x1 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-29 COS/G130M x1 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-29 COS/G130M x1 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-29 COS/G130M x1 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-29 COS/G130M x1 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	WASP-29 Alt Name1: GSC08015-01020 Alt Name2: GSC2.3SBGL000052	RA: 23 51 31.0850 (357.8795208d) Dec: -39 54 24.26 (-39.90674d) Equinox: J2000	Proper Motion RA: -56.8 mas/yr Proper Motion Dec: -87.5 mas/yr Epoch of Position: 2000	V=11.3	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

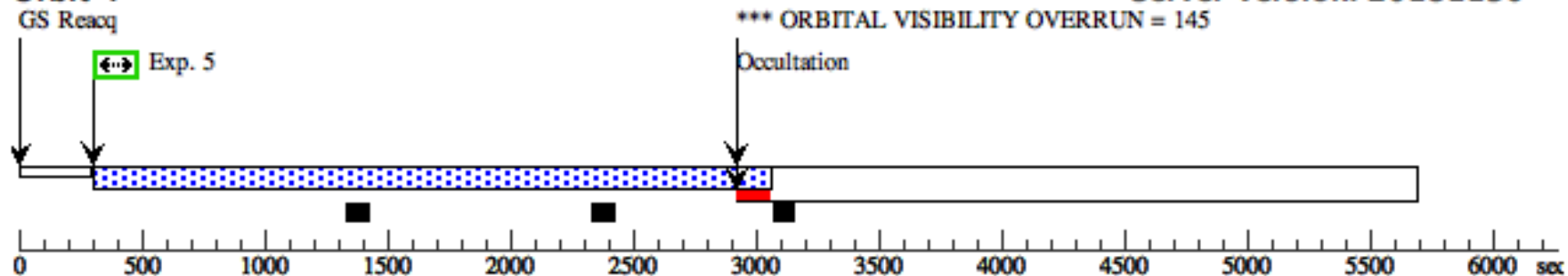
Proposal 14767 - WASP-29 COS/G130M x1 (25) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/Image (COS.ta.840 435)	(6) WASP-29	COS/NUV, ACQ/IMAGE, PSA	MIRRORB		PHASE 0.95 TO 0.9 62	Sequence 1-2 Non-In t in WASP-29 COS/ G130M x1 (25)	84 Secs (84 Secs) [==>]	[1]
	2	SCI_1 (COS.sp.826 650)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4		Sequence 1-2 Non-In t in WASP-29 COS/ G130M x1 (25)	2340 Secs (2182 Secs) [==>2182.0 Secs]	[1]
	3	SCI_2 (COS.sp.826 652)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4			2706 Secs (2706 Secs) [==>]	[2]
	4	SCI_3 (COS.sp.826 652)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4			2706 Secs (2706 Secs) [==>]	[3]
	5	SCI_4 (COS.sp.826 652)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4			2706 Secs (2706 Secs) [==>]	[4]
	6	SCI_5 (COS.sp.826 652)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4			2706 Secs (2706 Secs) [==>]	[5]



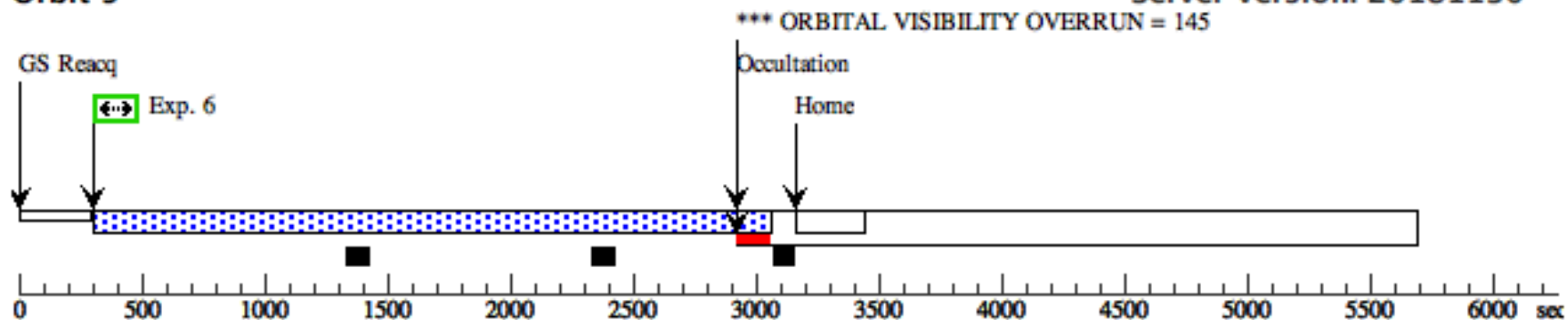
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - WASP-29 COS/G130M x2 (26) - The Panchromatic Comparative Exoplanetary Treasury Program

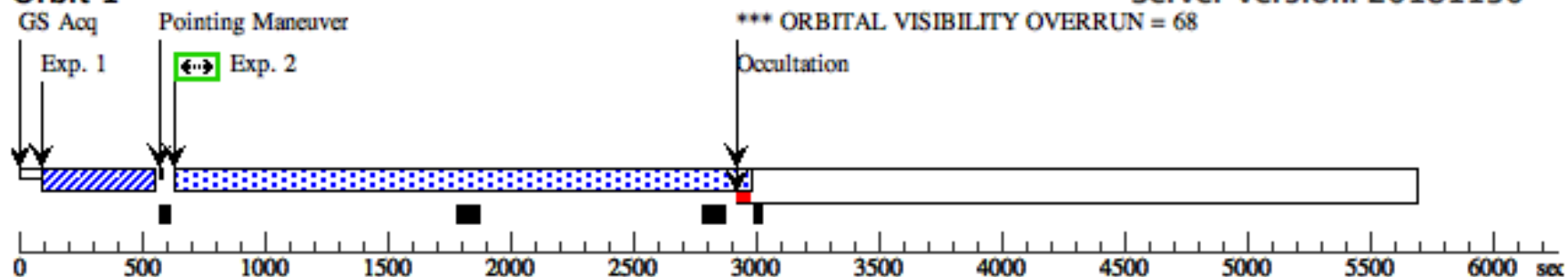
Visit	Proposal 14767, WASP-29 COS/G130M x2 (26), completed Wed Jun 05 15:15:00 GMT 2019					
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; Period 3.9227186 D AND ZERO-PHASE HJD2455830.188110 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>					
Diagnostics	(WASP-29 COS/G130M x2 (26)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (WASP-29 COS/G130M x2 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-29 COS/G130M x2 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-29 COS/G130M x2 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-29 COS/G130M x2 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-29 COS/G130M x2 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	WASP-29 Alt Name1: GSC08015-01020 Alt Name2: GSC2.3SBGL000052	RA: 23 51 31.0850 (357.8795208d) Dec: -39 54 24.26 (-39.90674d) Equinox: J2000	Proper Motion RA: -56.8 mas/yr Proper Motion Dec: -87.5 mas/yr Epoch of Position: 2000	V=11.3	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - WASP-29 COS/G130M x2 (26) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/Image (COS.ta.840 435)	(6) WASP-29	COS/NUV, ACQ/IMAGE, PSA	MIRRORB		PHASE 0.95 TO 0.9 62	Sequence 1-2 Non-In t in WASP-29 COS/ G130M x2 (26)	84 Secs (84 Secs) [==>]	[1]
	2	SCI_1 (COS.sp.826 650)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4		Sequence 1-2 Non-In t in WASP-29 COS/ G130M x2 (26)	2340 Secs (2182 Secs) [==>2182.0 Secs]	[1]
	3	SCI_2 (COS.sp.826 652)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4			2706 Secs (2706 Secs) [==>]	[2]
	4	SCI_3 (COS.sp.826 652)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4			2706 Secs (2706 Secs) [==>]	[3]
	5	SCI_4 (COS.sp.826 652)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4			2706 Secs (2706 Secs) [==>]	[4]
	6	SCI_5 (COS.sp.826 652)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4			2706 Secs (2706 Secs) [==>]	[5]

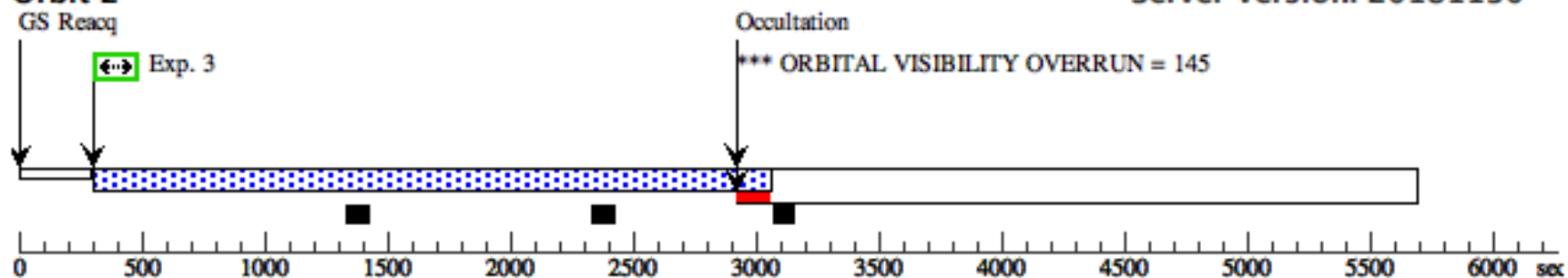
Orbit 1

Server Version: 20181130



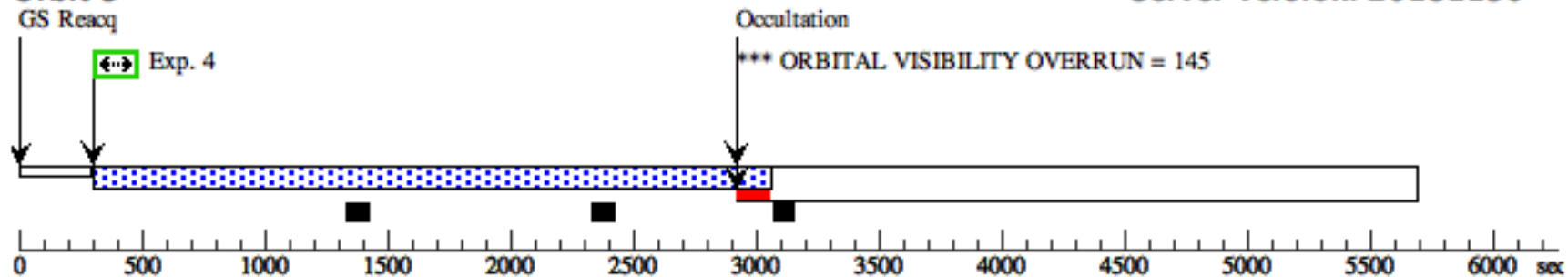
Orbit 2

Server Version: 20181130



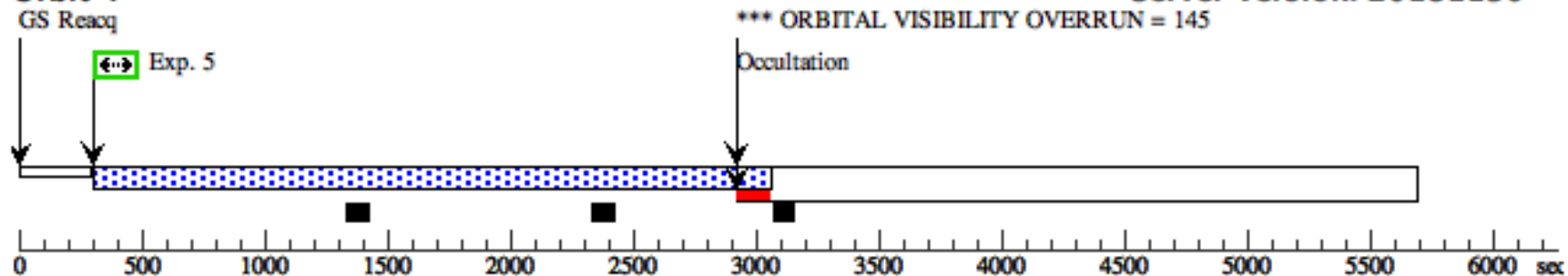
Orbit 3

Server Version: 20181130



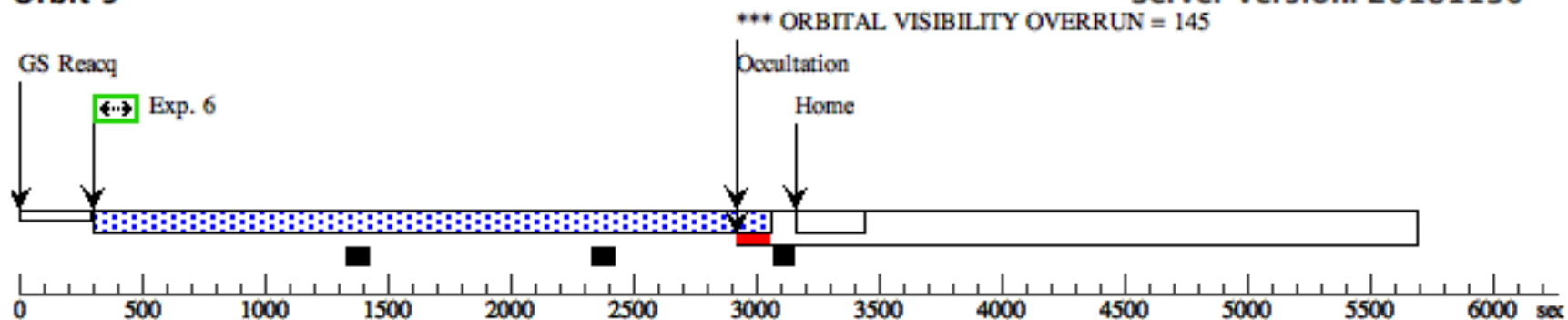
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - WASP-29 COS/G130M x3 (27) - The Panchromatic Comparative Exoplanetary Treasury Program

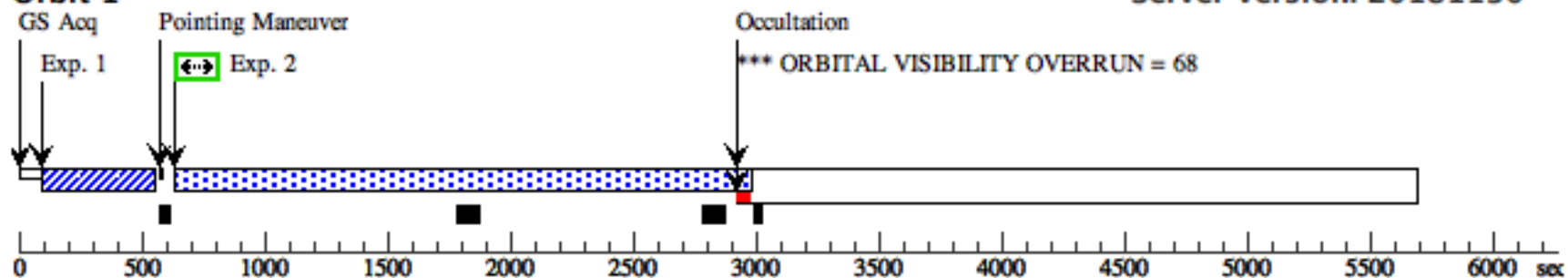
Visit	Proposal 14767, WASP-29 COS/G130M x3 (27), completed Wed Jun 05 15:15:00 GMT 2019					
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; Period 3.9227186 D AND ZERO-PHASE HJD2455830.188110 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>					
Diagnostics	(WASP-29 COS/G130M x3 (27)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (WASP-29 COS/G130M x3 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-29 COS/G130M x3 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-29 COS/G130M x3 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-29 COS/G130M x3 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-29 COS/G130M x3 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	WASP-29 Alt Name1: GSC08015-01020 Alt Name2: GSC2.3SBGL000052	RA: 23 51 31.0850 (357.8795208d) Dec: -39 54 24.26 (-39.90674d) Equinox: J2000	Proper Motion RA: -56.8 mas/yr Proper Motion Dec: -87.5 mas/yr Epoch of Position: 2000	V=11.3	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - WASP-29 COS/G130M x3 (27) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/Image (COS.ta.840 435)	(6) WASP-29	COS/NUV, ACQ/IMAGE, PSA	MIRRORB		PHASE 0.95 TO 0.9 62	Sequence 1-2 Non-In t in WASP-29 COS/ G130M x3 (27)	84 Secs (84 Secs) [==>]	[1]
	2	SCI_1 (COS.sp.826 650)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4		Sequence 1-2 Non-In t in WASP-29 COS/ G130M x3 (27)	2340 Secs (2182 Secs) [==>2182.0 Secs]	[1]
	3	SCI_2 (COS.sp.826 652)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4			2706 Secs (2706 Secs) [==>]	[2]
	4	SCI_3 (COS.sp.826 652)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4			2706 Secs (2706 Secs) [==>]	[3]
	5	SCI_4 (COS.sp.826 652)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4			2706 Secs (2706 Secs) [==>]	[4]
	6	SCI_5 (COS.sp.826 652)	(6) WASP-29	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00; LIFETIME-POS=L P4			2706 Secs (2706 Secs) [==>]	[5]

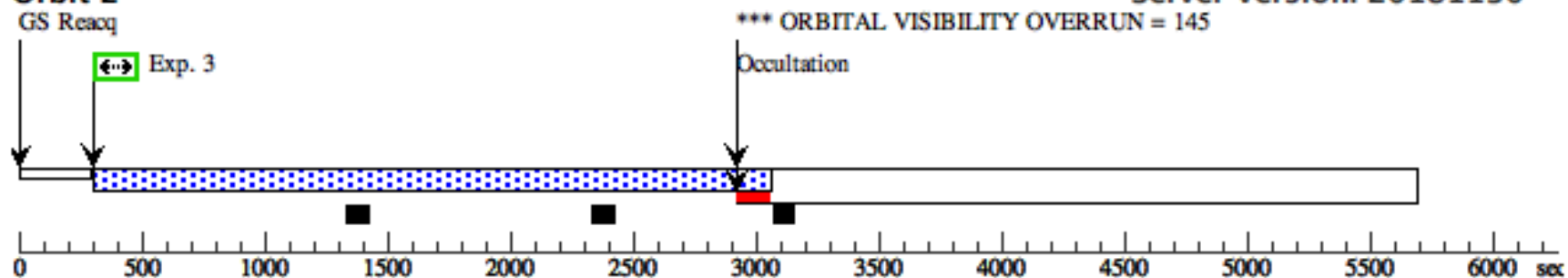
Orbit 1

Server Version: 20181130



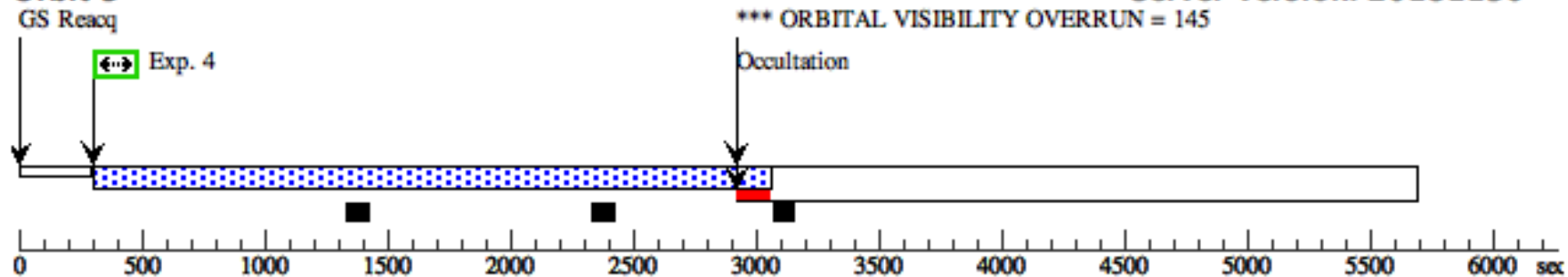
Orbit 2

Server Version: 20181130



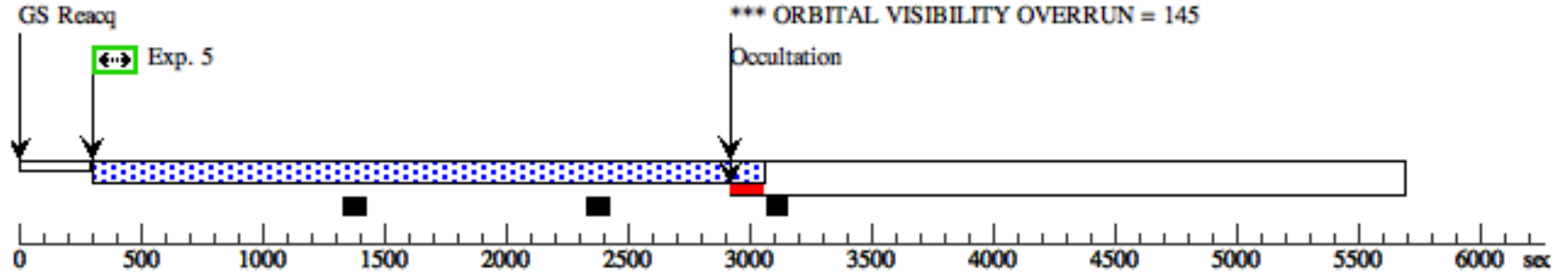
Orbit 3

Server Version: 20181130



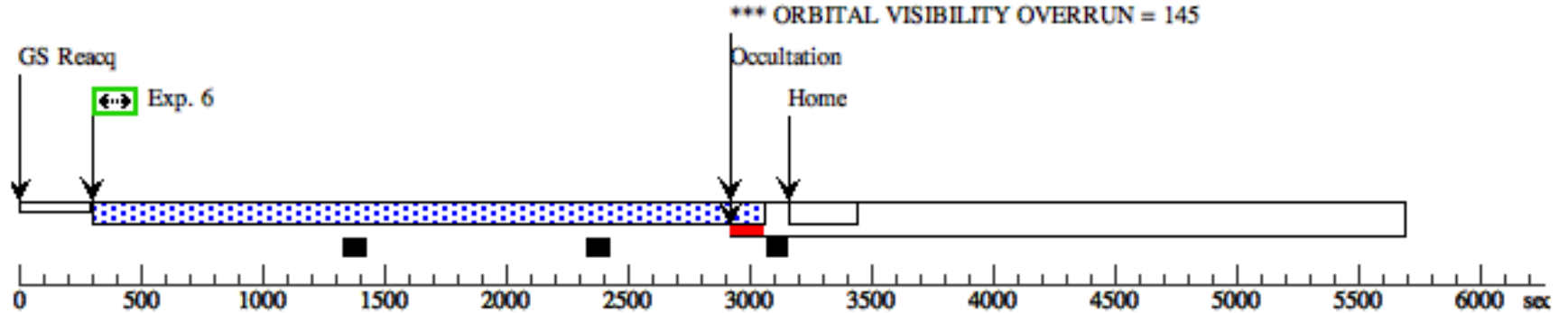
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - WASP-29 G430L (28) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-29 G430L (28), completed	Wed Jun 05 15:15:00 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 3.9227186 D AND ZERO-PHASE HJD2455830.188110	
	Comments: WASP-29. G430L. STIS visit. It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - WASP-29 G430L (28) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-29 G430L (28) - The Panchromatic Comparative Exoplanetary Treasury Program

(WASP-29 G430L (28)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(6)	WASP-29	RA: 23 51 31.0850 (357.8795208d)	Proper Motion RA: -56.8 mas/yr	V=11.3
		Alt Name1: GSC08015-01020	Dec: -39 54 24.26 (-39.90674d)	Proper Motion Dec: -87.5 mas/yr	Reference Frame: ICRS
		Alt Name2: GSC2.3SBGL000052	Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

Proposal 14767 - WASP-29 G430L (28) - The Panchromatic Comparative Exoplanetary Treasury Program

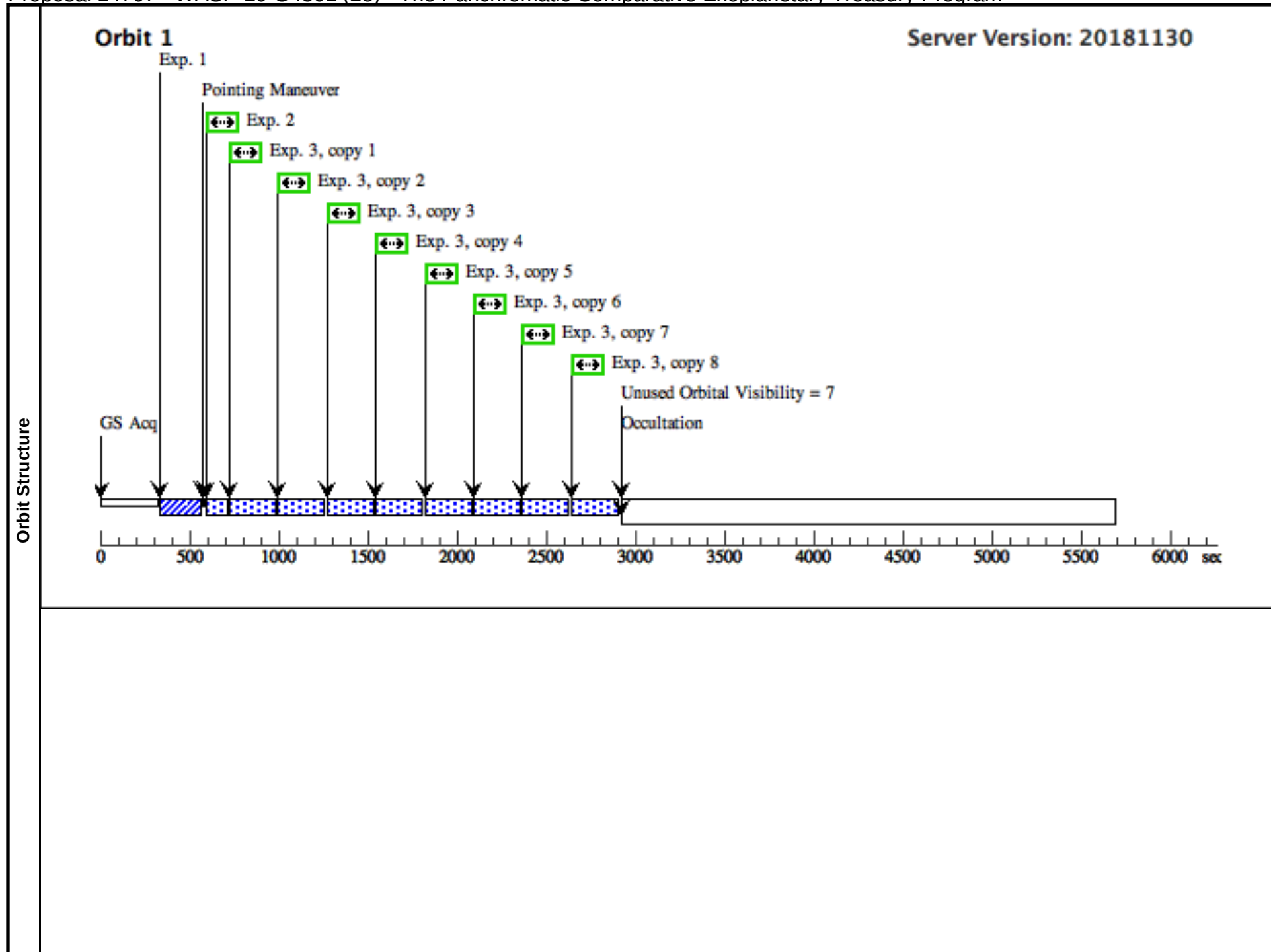
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5274)	(6) WASP-29	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9515 TO 0.9555	Sequence 1-3 Non-Int in WASP-29 G430L (28)	0.4 Secs (0.4 Secs) [==>]	[1]
	2	WASP-29 G 430L Orbit 1	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-29 G430L (28)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-29 G 430L Orbit 1 (STIS.sp.82 1975)	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-29 G430L (28)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	WASP-29 G 430L Orbit 2	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-29 G430L (28)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-29 G 430L Orbit 2 (STIS.sp.82 1975)	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-29 G430L (28)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-29 G 430L Orbit 3	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in WASP-29 G430L (28)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-29 G430L (28) - The Panchromatic Comparative Exoplanetary Treasury Program

7	WASP-29 G (6) WASP-29 430L Orbit 3 (STIS.sp.82 1975)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-29 G430 L (28)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-29 G (6) WASP-29 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-29 G430 L (28)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-29 G (6) WASP-29 430L Orbit 4 (STIS.sp.82 1975)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-29 G430 L (28)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WASP-29 G (6) WASP-29 430L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-29 G430L (28)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	WASP-29 G (6) WASP-29 430L Orbit 5 (STIS.sp.82 1975)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-29 G430L (28)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

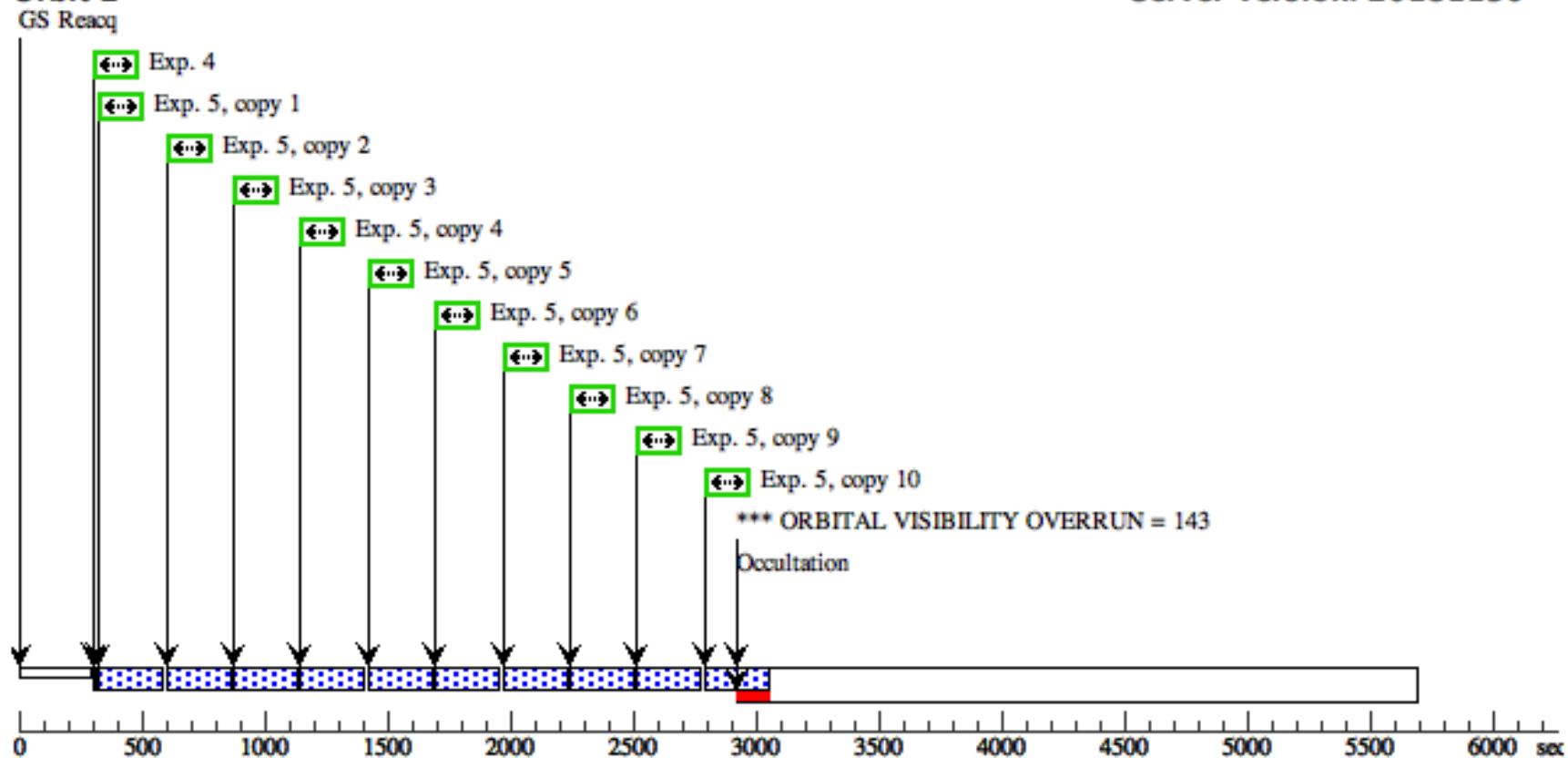
Proposal 14767 - WASP-29 G430L (28) - The Panchromatic Comparative Exoplanetary Treasury Program

12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L	Sequence 10-12 Non -Int in WASP-29 G4 30L (28)	[==>]	[5]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle							



Orbit 2

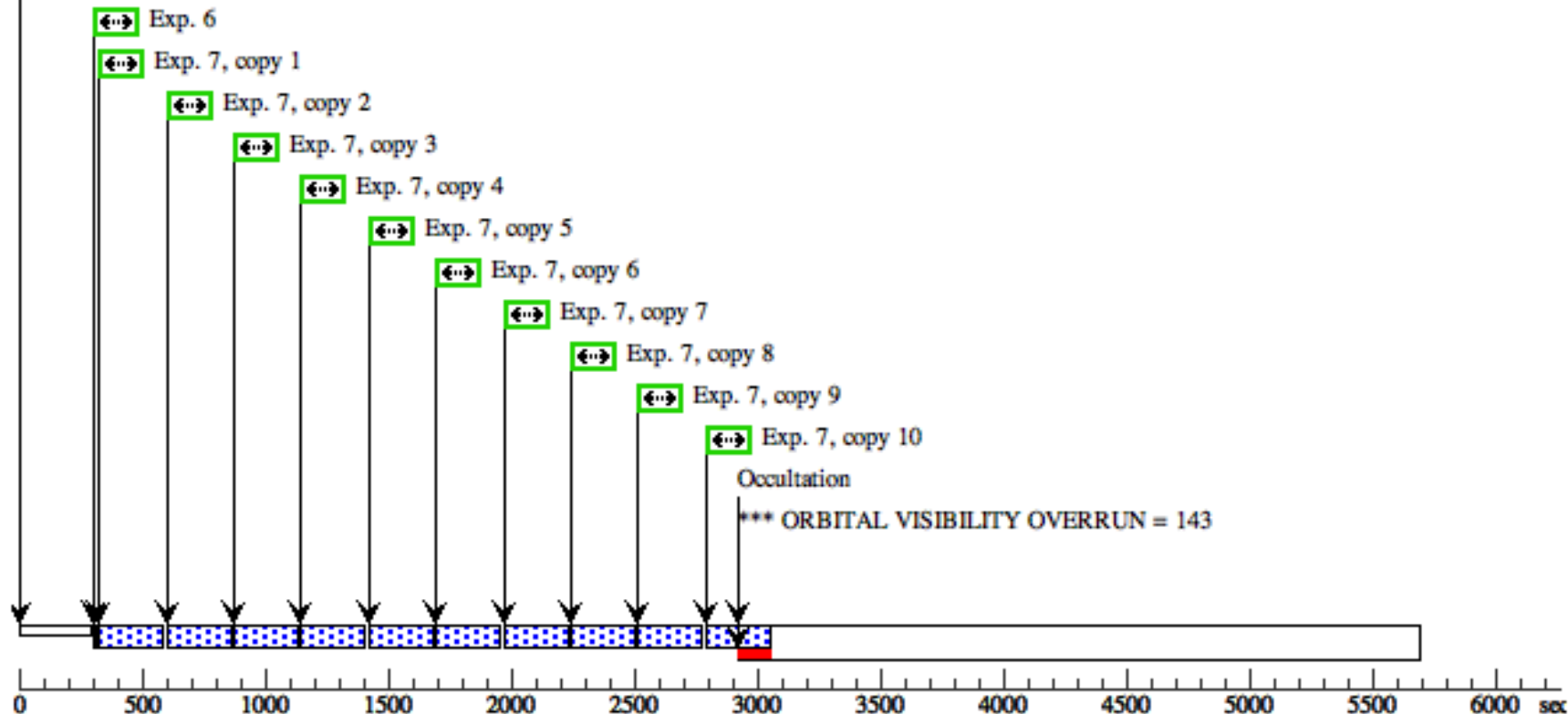
Server Version: 20181130



Orbit 3

Server Version: 20181130

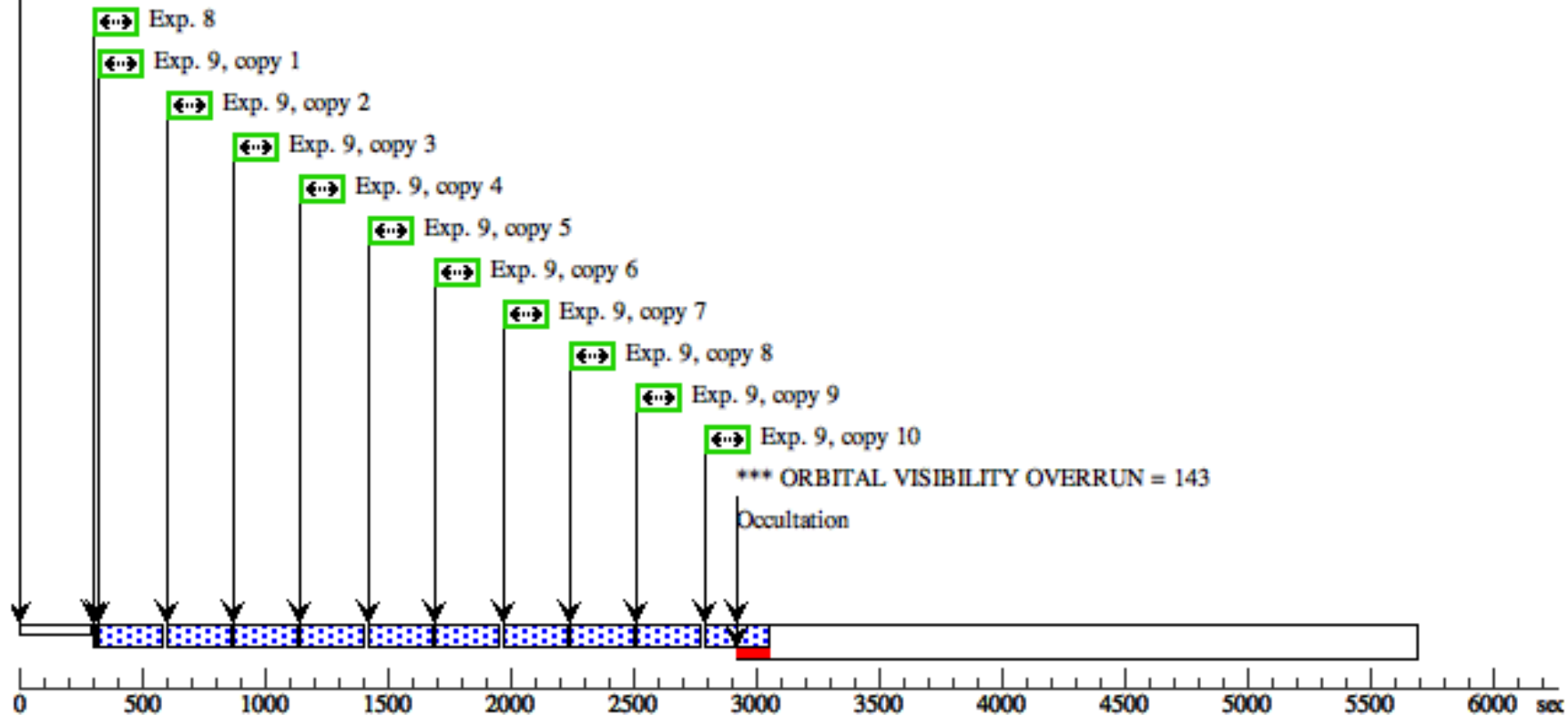
GS Reacq

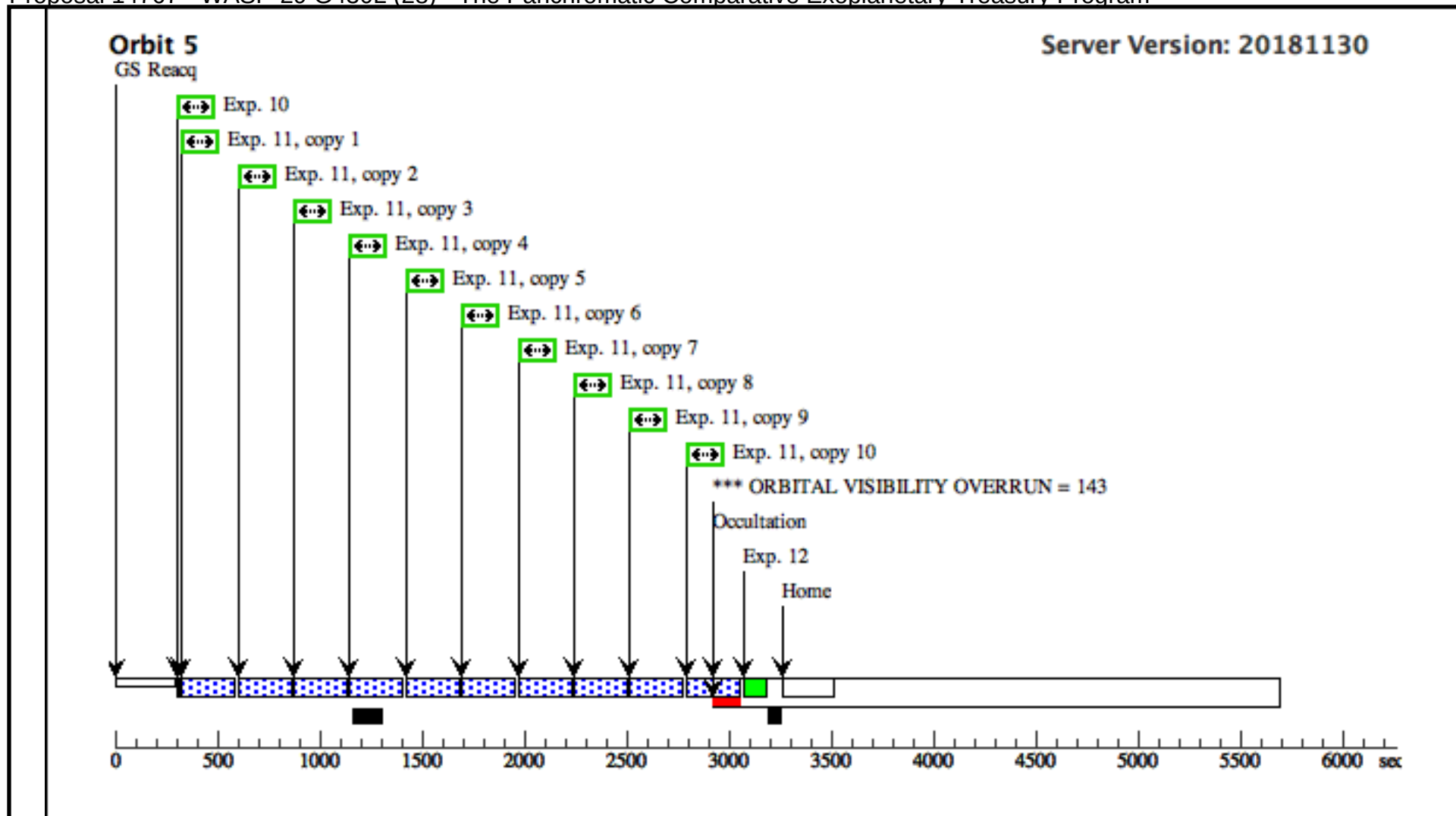


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-29 G430L x2 (29) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-29 G430L x2 (29), completed	Wed Jun 05 15:15:00 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 3.9227186 D AND ZERO-PHASE HJD2455830.188110	
	Comments: WASP-29. G430L. STIS visit. It is essential that the five orbits be scheduled in a coninuous block.	

Proposal 14767 - WASP-29 G430L x2 (29) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-29 G430L x2 (29) - The Panchromatic Comparative Exoplanetary Treasury Program

(WASP-29 G430L x2 (29)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(6)	WASP-29	RA: 23 51 31.0850 (357.8795208d)	Proper Motion RA: -56.8 mas/yr	V=11.3
		Alt Name1: GSC08015-01020	Dec: -39 54 24.26 (-39.90674d)	Proper Motion Dec: -87.5 mas/yr	Reference Frame: ICRS
		Alt Name2: GSC2.3SBGL000052	Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

Proposal 14767 - WASP-29 G430L x2 (29) - The Panchromatic Comparative Exoplanetary Treasury Program

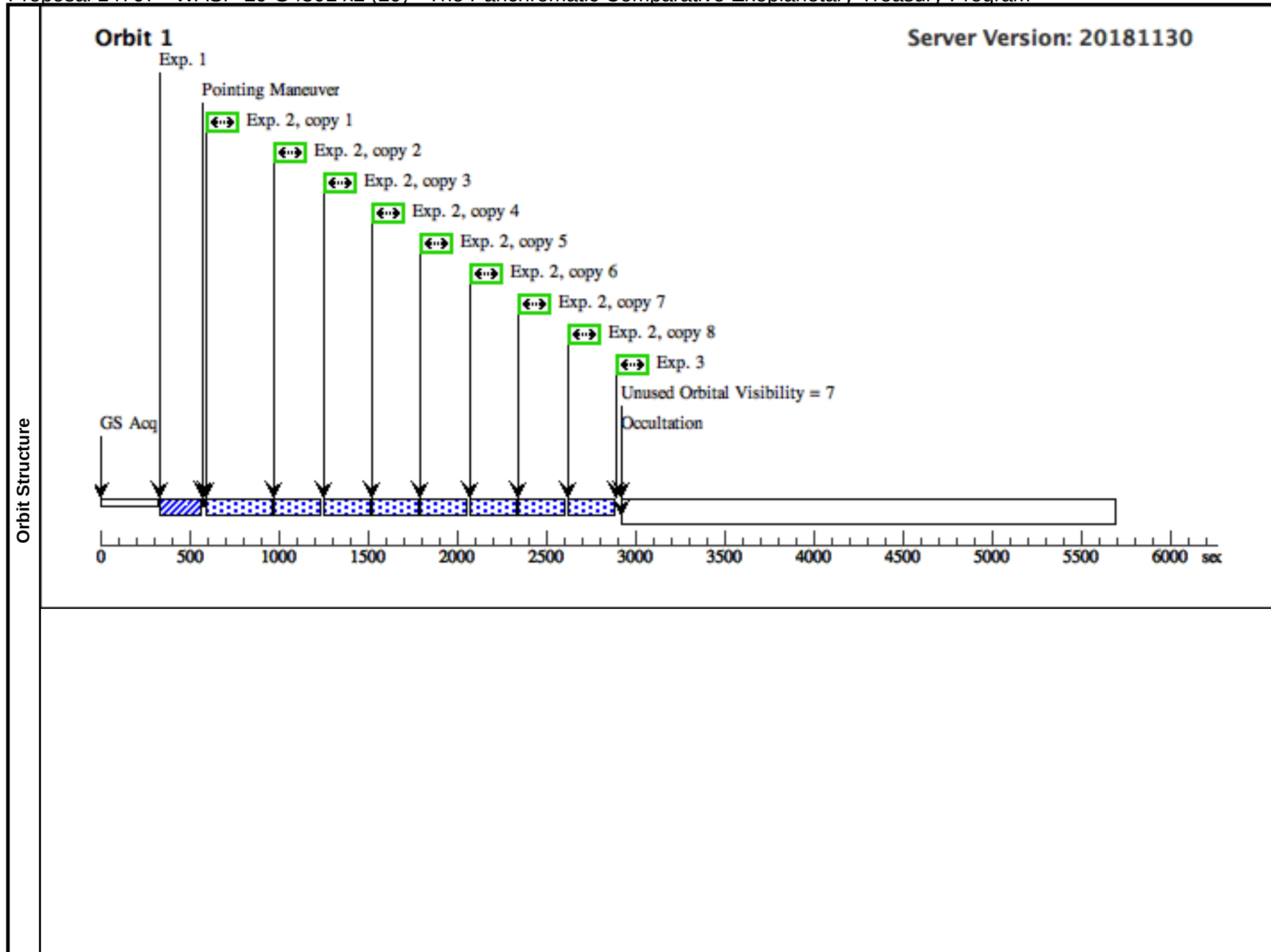
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5274)	(6) WASP-29	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9515 TO 0.9555	Sequence 1-3 Non-Int in WASP-29 G430L x2 (29)	0.4 Secs (0.4 Secs) [==>]	[1]
	2	WASP-29 G 430L Orbit 1 (STIS.sp.82 1975)	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-29 G430L x2 (29)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	3	WASP-29 G 430L Orbit 1	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-29 G430L x2 (29)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	4	WASP-29 G 430L Orbit 2	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-29 G430L x2 (29)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-29 G 430L Orbit 2 (STIS.sp.82 1975)	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-29 G430L x2 (29)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-29 G 430L Orbit 3	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in WASP-29 G430L x2 (29)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-29 G430L x2 (29) - The Panchromatic Comparative Exoplanetary Treasury Program

7	WASP-29 G (6) WASP-29 430L Orbit 3 (STIS.sp.82 1975)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-29 G430 L x2 (29)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-29 G (6) WASP-29 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-29 G430 L x2 (29)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-29 G (6) WASP-29 430L Orbit 4 (STIS.sp.82 1975)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-29 G430 L x2 (29)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WASP-29 G (6) WASP-29 430L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-29 G430L x2 (29)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	WASP-29 G (6) WASP-29 430L Orbit 5 (STIS.sp.82 1975)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-29 G430L x2 (29)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - WASP-29 G430L x2 (29) - The Panchromatic Comparative Exoplanetary Treasury Program

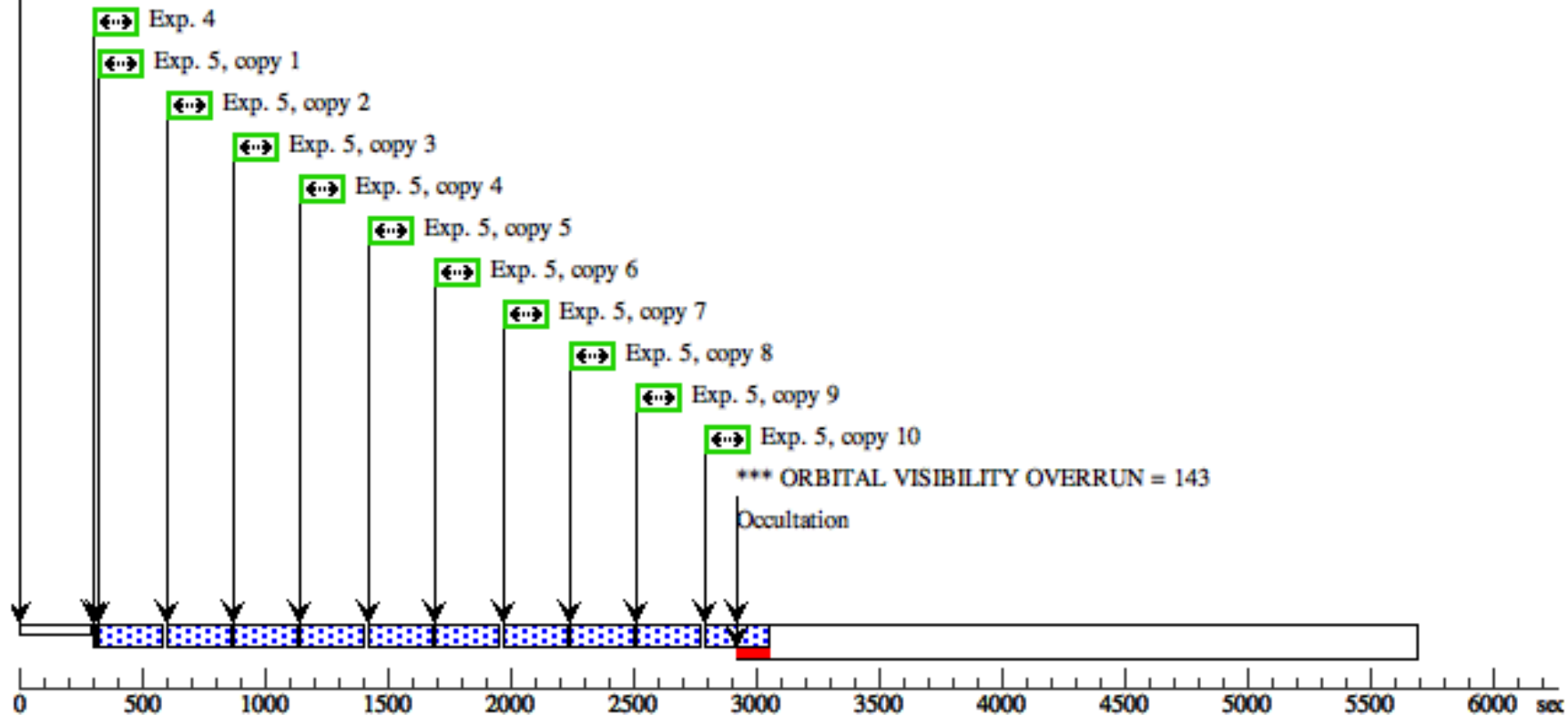
	12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	Sequence 10-12 Non -Int in WASP-29 G4 30L x2 (29)	[==>]	[5]
							Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle	



Orbit 2

Server Version: 20181130

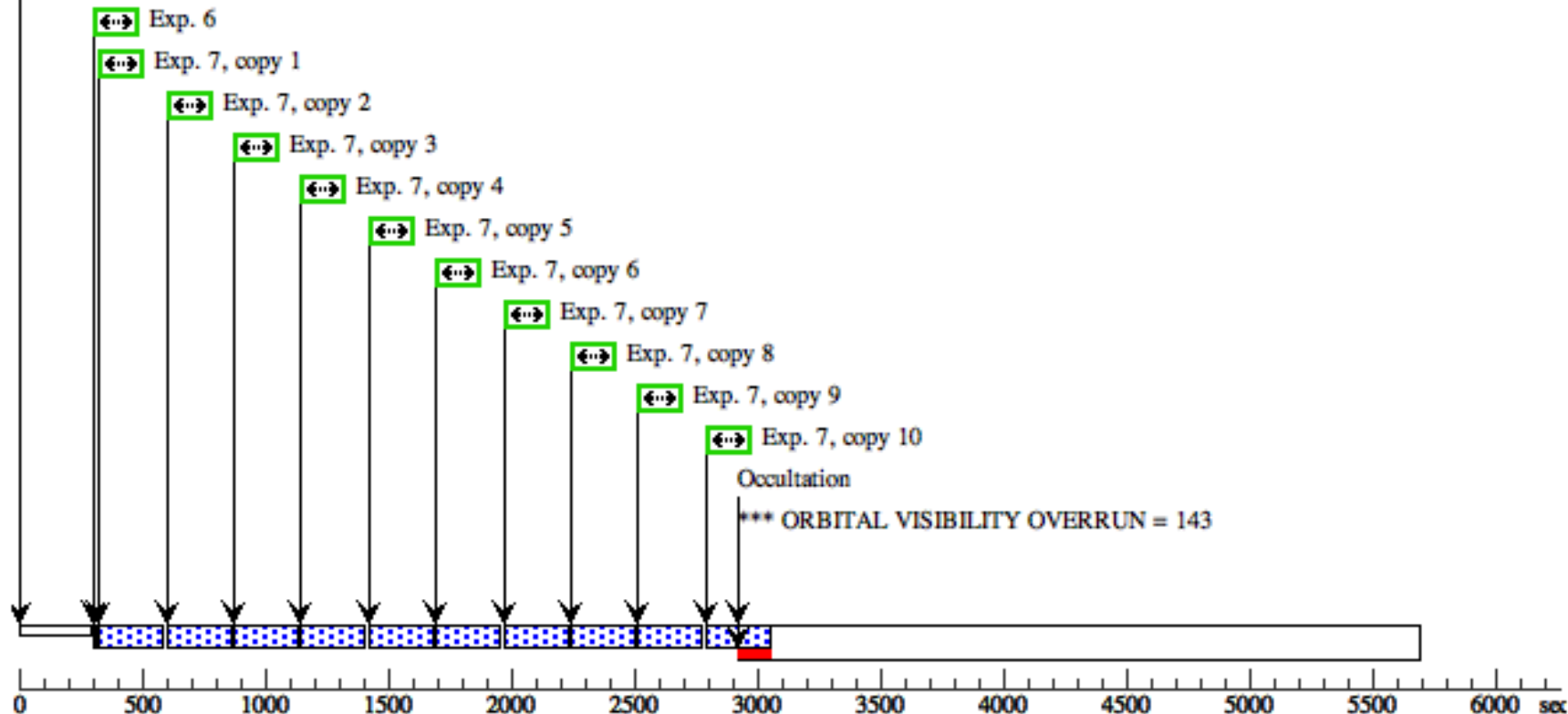
GS Reacq



Orbit 3

Server Version: 20181130

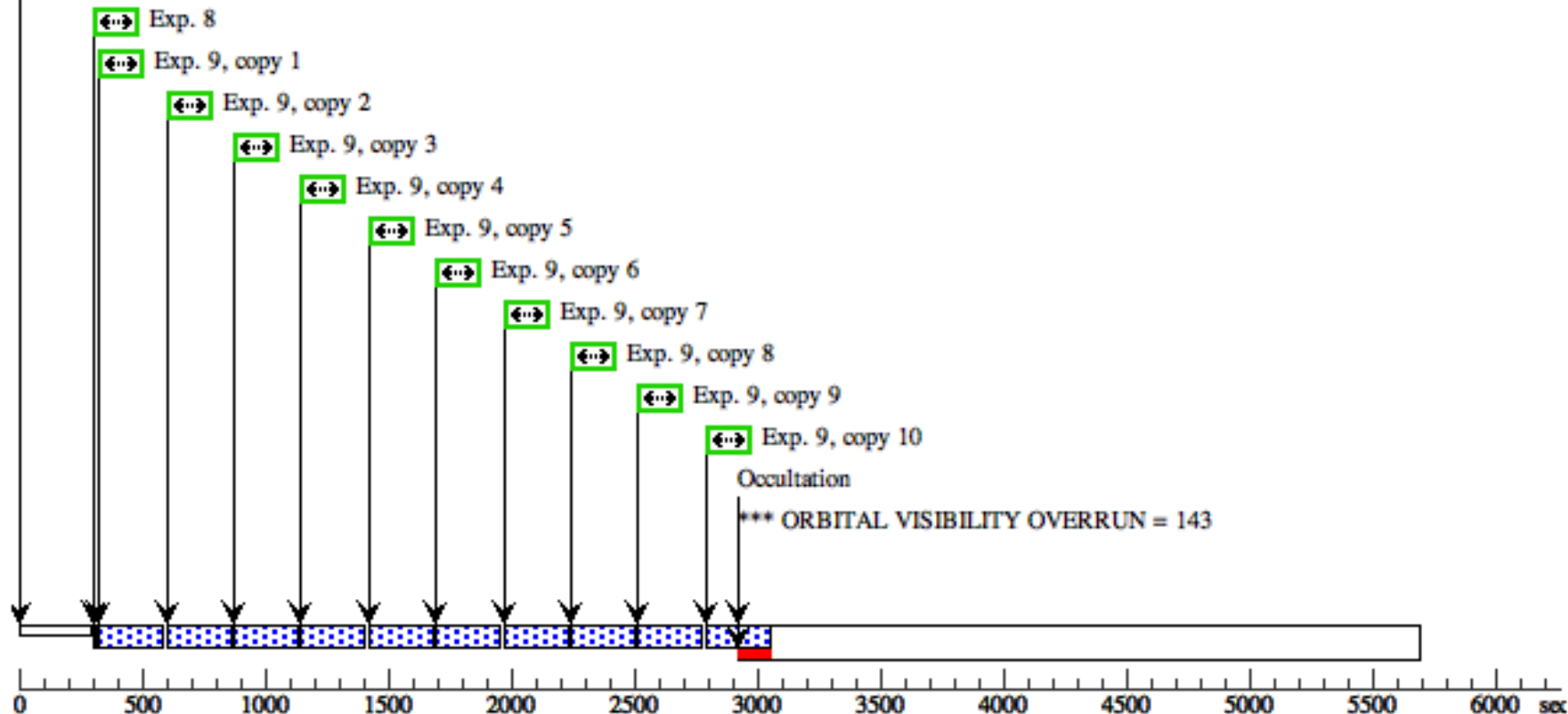
GS Reacq

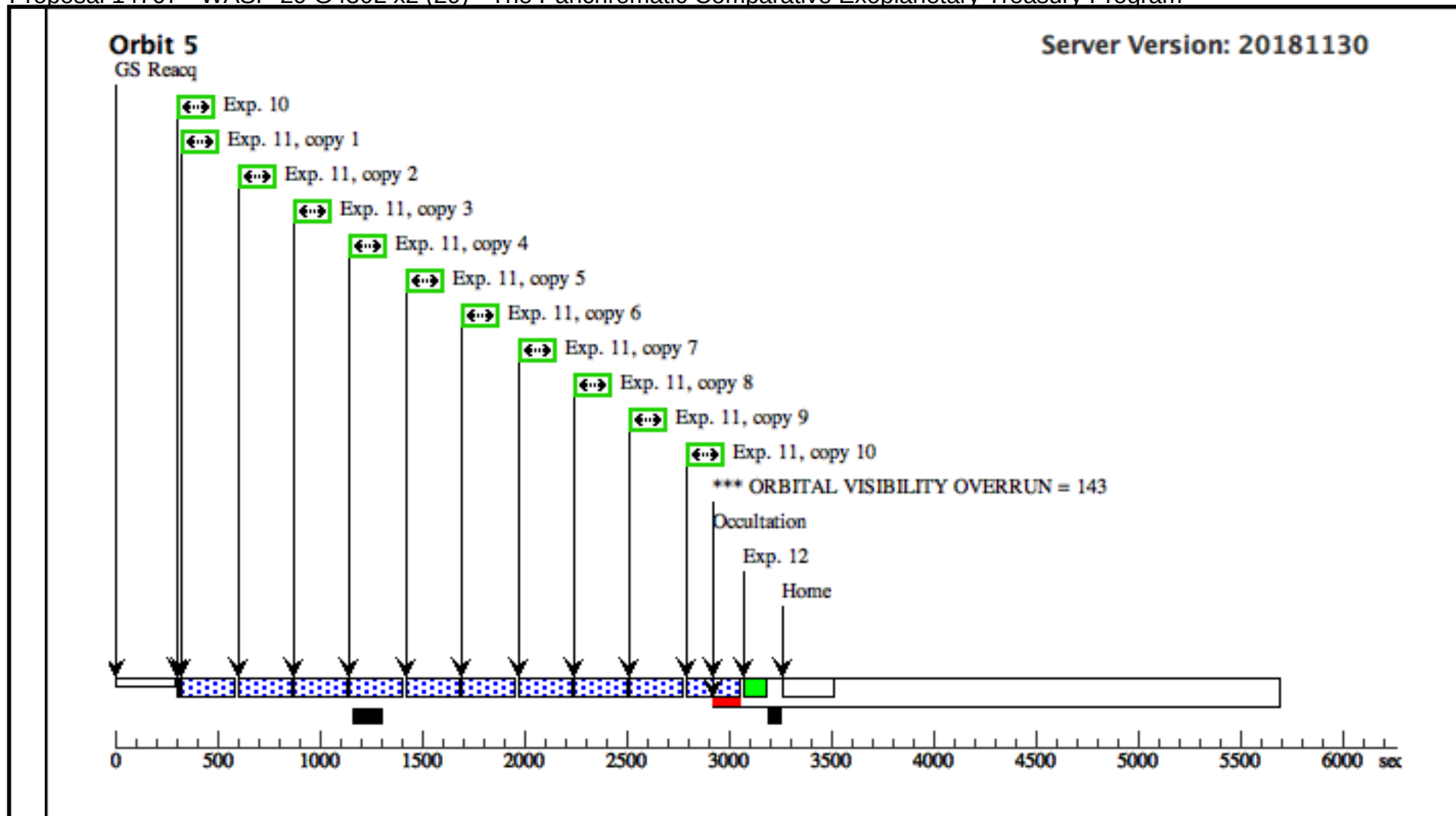


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-29 G750L (30) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-29 G750L (30), completed	Wed Jun 05 15:15:00 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 3.9227186 D AND ZERO-PHASE HJD2455830.188110	
	Comments: WASP-29. G750L. STIS visit. It is essential that the five orbits be scheduled in a coninuous block.	

Proposal 14767 - WASP-29 G750L (30) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-29 G750L (30) - The Panchromatic Comparative Exoplanetary Treasury Program

(WASP-29 G750L (30)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-29 G750L (30)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(6)	WASP-29	RA: 23 51 31.0850 (357.8795208d)	Proper Motion RA: -56.8 mas/yr	V=11.3
		Alt Name1: GSC08015-01020	Dec: -39 54 24.26 (-39.90674d)	Proper Motion Dec: -87.5 mas/yr	Reference Frame: ICRS
		Alt Name2: GSC2.3SBGL000052	Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

Proposal 14767 - WASP-29 G750L (30) - The Panchromatic Comparative Exoplanetary Treasury Program

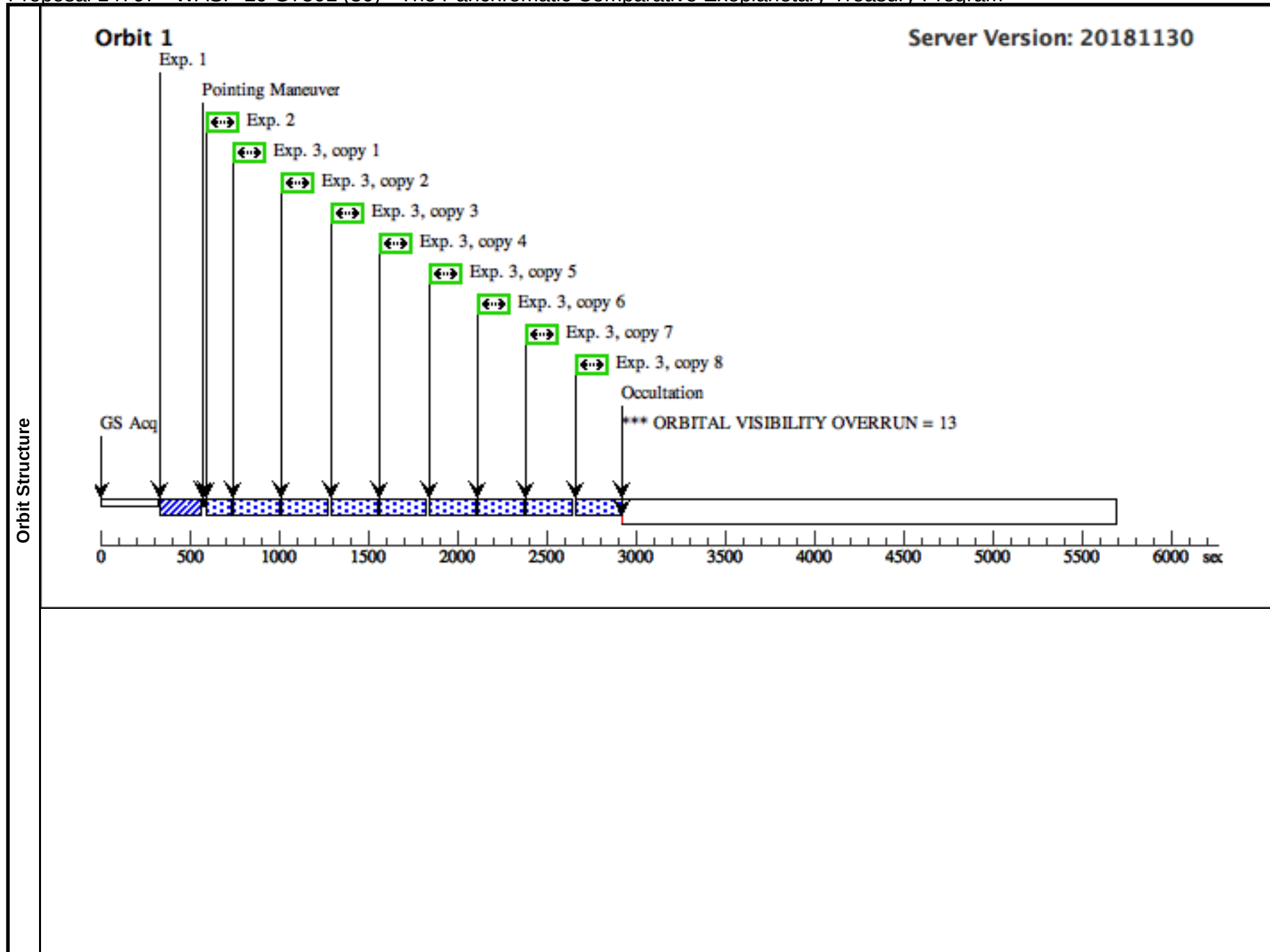
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5274)	(6) WASP-29	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9515 TO 0.9555	Sequence 1-3 Non-Int in WASP-29 G750L (30)	0.4 Secs (0.4 Secs) [==>]	[1]
	2	WASP-29 G 750L Orbit 1	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-29 G750L (30)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-29 G 750L Orbit 1 (STIS.sp.82 1977)	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-29 G750L (30)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	WASP-29 G 750L Orbit 2	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-29 G750L (30)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-29 G 750L Orbit 2 (STIS.sp.82 1977)	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-29 G750L (30)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-29 G 750L Orbit 3	(6) WASP-29	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in WASP-29 G750L (30)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-29 G750L (30) - The Panchromatic Comparative Exoplanetary Treasury Program

7	WASP-29 G (6) WASP-29 750L Orbit 3 (STIS.sp.82 1977)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-29 G750 L (30)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-29 G (6) WASP-29 750L Orbit 4	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-29 G750 L (30)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-29 G (6) WASP-29 750L Orbit 4 (STIS.sp.82 1977)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-29 G750 L (30)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WASP-29 G (6) WASP-29 750L Orbit 5	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in WASP-29 G750L (30)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	WASP-29 G (6) WASP-29 750L Orbit 5 (STIS.sp.82 1977)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in WASP-29 G750L (30)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - WASP-29 G750L (30) - The Panchromatic Comparative Exoplanetary Treasury Program

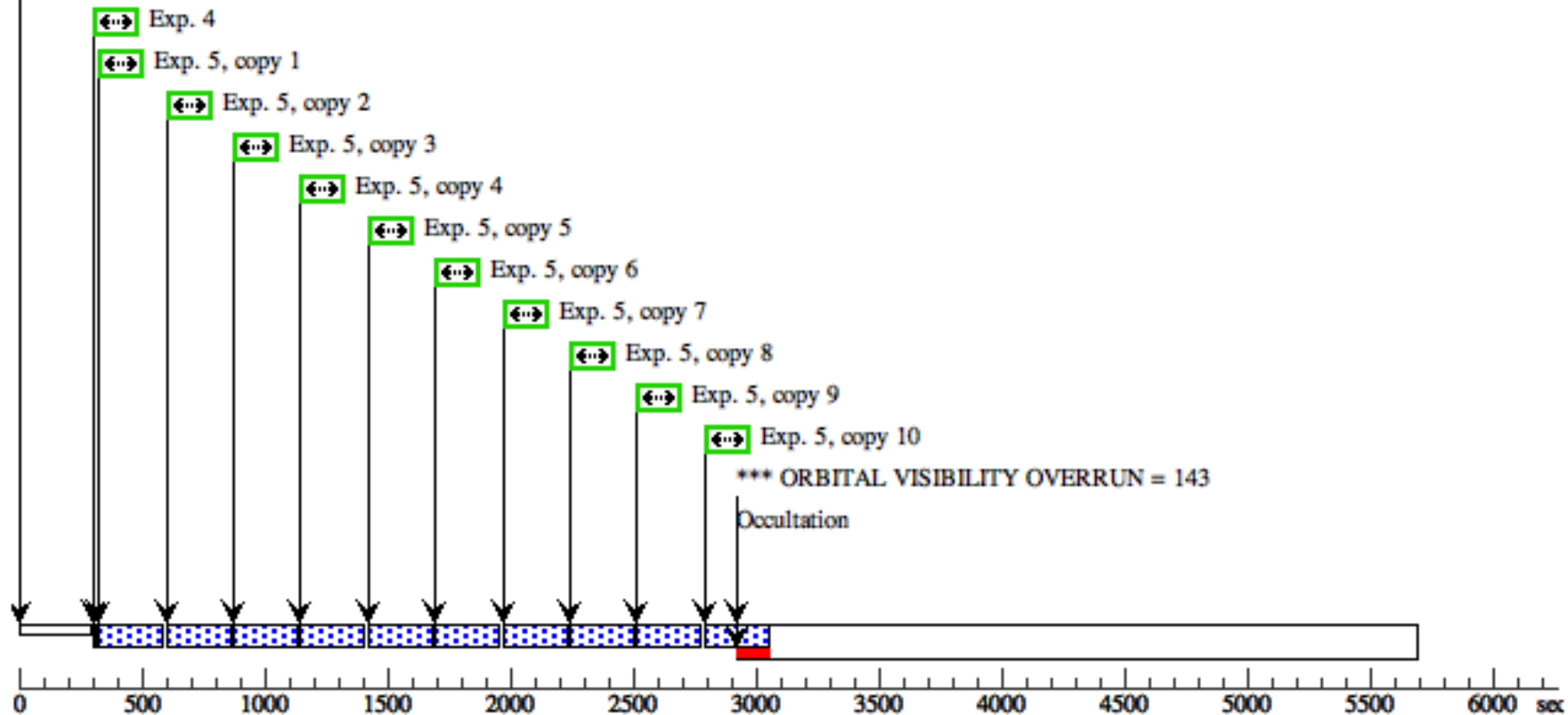
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	Sequence 10-14 Non -Int in WASP-29 G7 50L (30)	[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>							
13	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	Sequence 10-14 Non -Int in WASP-29 G7 50L (30)	[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	Sequence 10-14 Non -Int in WASP-29 G7 50L (30)	240 Secs X 4 (960 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]
<i>Comments: Expected peak count level = 50,000 e-</i>							



Orbit 2

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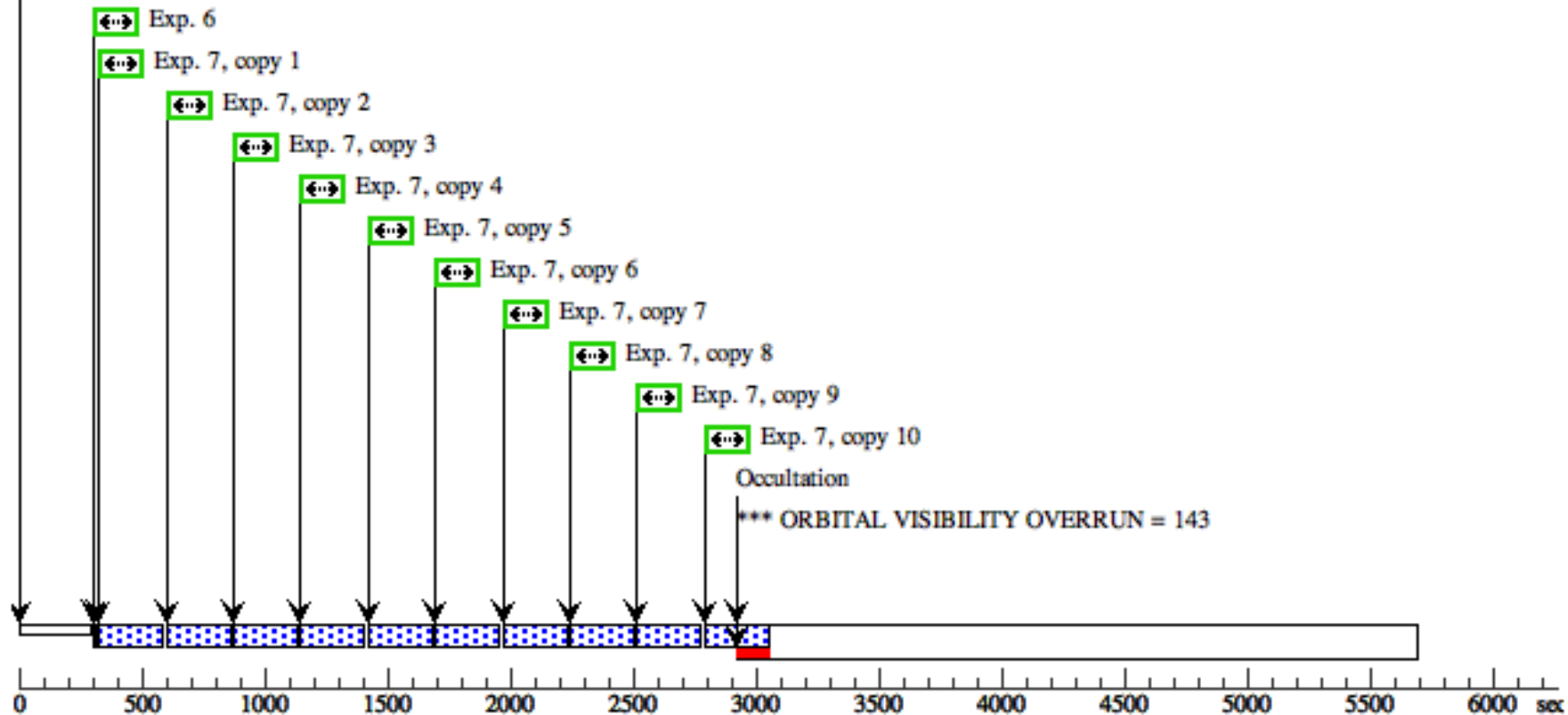
GS Reacq



Orbit 3

Server Version: 20181130

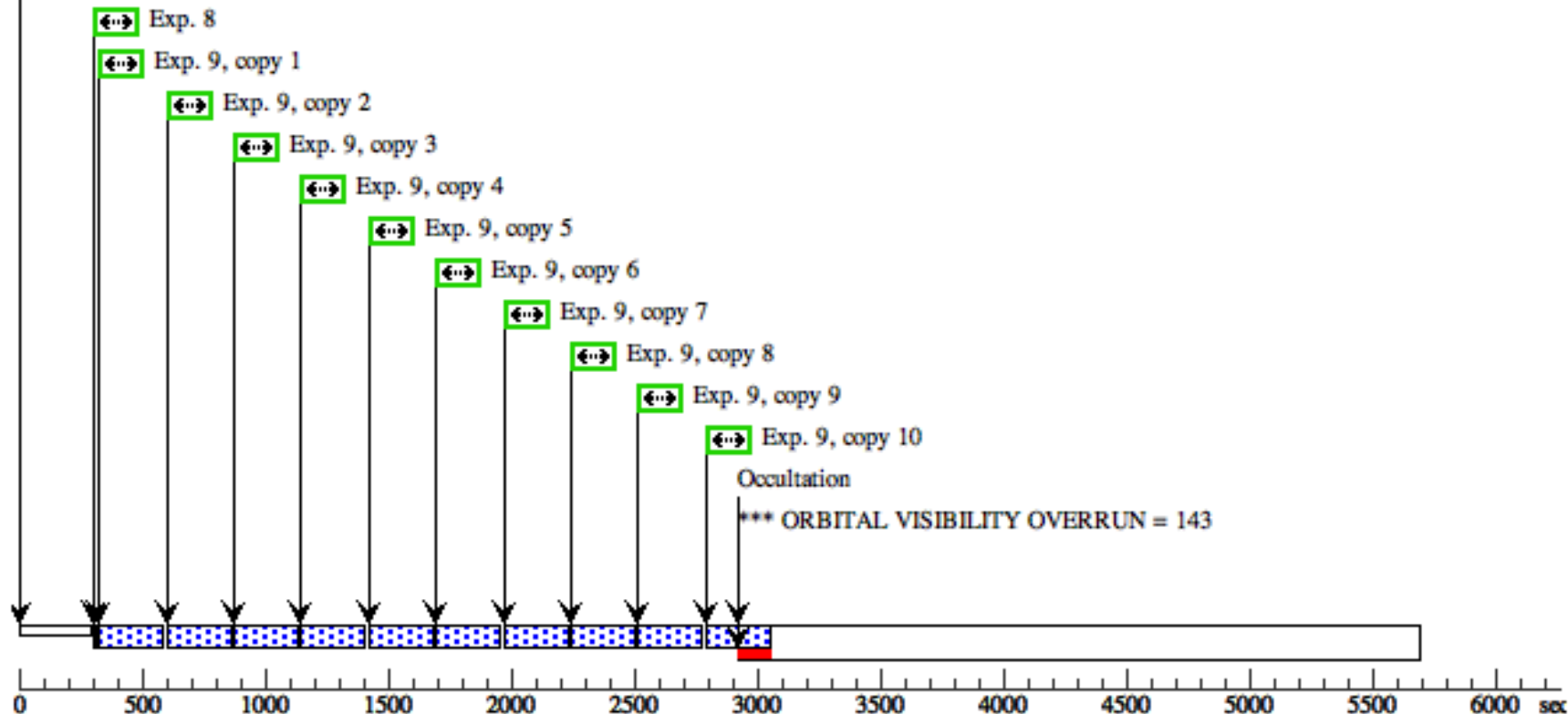
GS Reacq

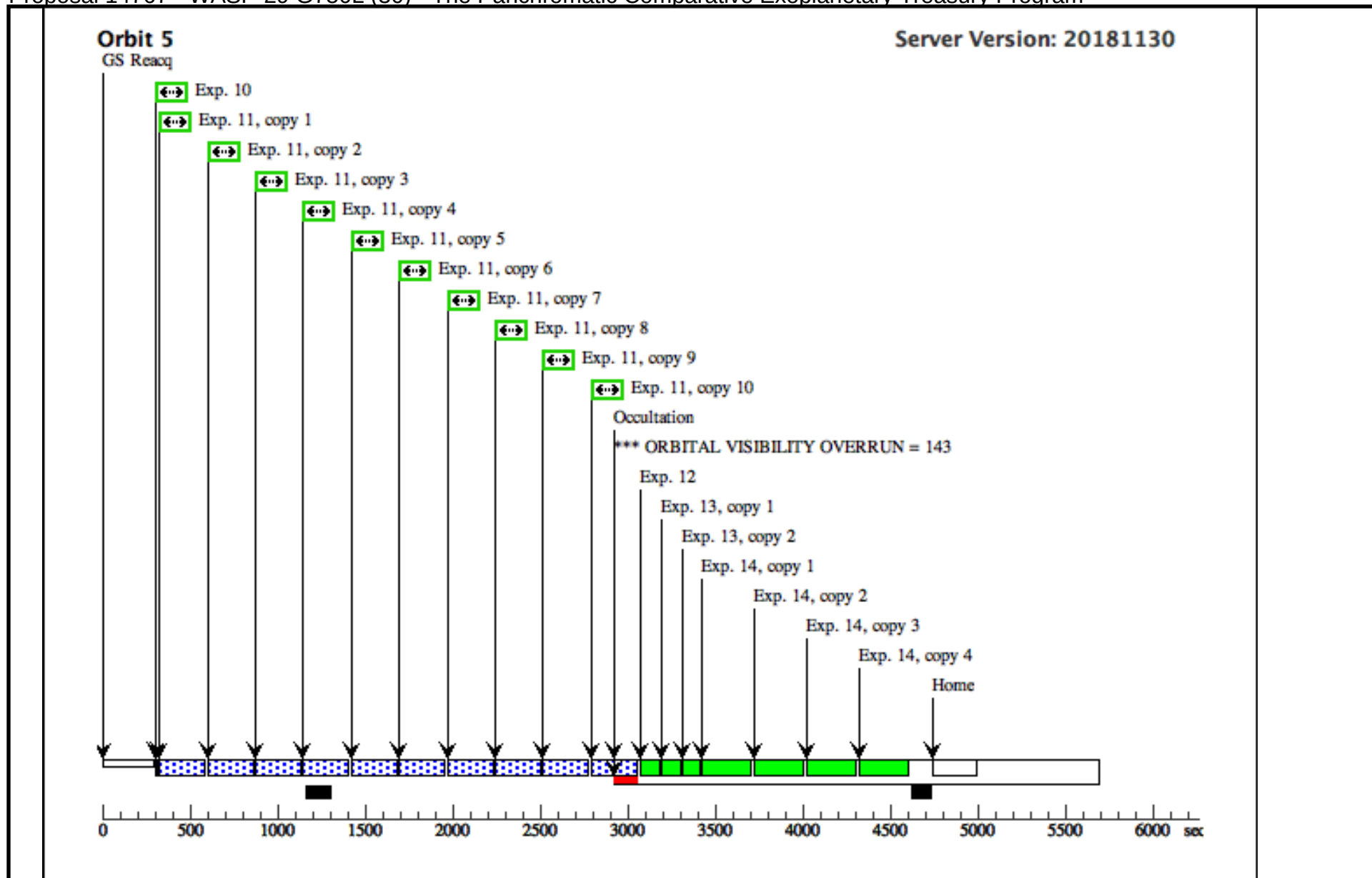


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-69 STIS/G140M x1 (31) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-69 STIS/G140M x1 (31), failed					Wed Jun 05 15:15:00 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA					
	Special Requirements: SCHED 100%; BETWEEN 01-APR-2017 AND 30-JUN-2017; BETWEEN 01-APR-2018 AND 30-JUN-2018; Period 3.8681382 D AND ZERO-PHASE HJD2455748.83344					
	Comments: It is essential that the five orbits be scheduled in a continuous block. Schedule from April to June to offset H I geocoronal line from blue wing of stellar line. Feb 2018: Starting phase constraint expanded to ~1 orbit later (from 0.9578-0.9647 to 0.9578-0.9838).					
Diagnostics	(WASP-69 STIS/G140M x1 (31)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x1 (31)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x1 (31)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x1 (31)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x1 (31)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	WASP-69	RA: 21 00 6.1934 (315.0258058d)	Proper Motion RA: 31.5 mas/yr	V=9.87	Reference Frame: ICRS
			Dec: -05 05 40.11 (-5.09447d)	Proper Motion Dec: -93.6 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]					
	Extended=NO					

Proposal 14767 - WASP-69 STIS/G140M x1 (31) - The Panchromatic Comparative Exoplanetary Treasury Program

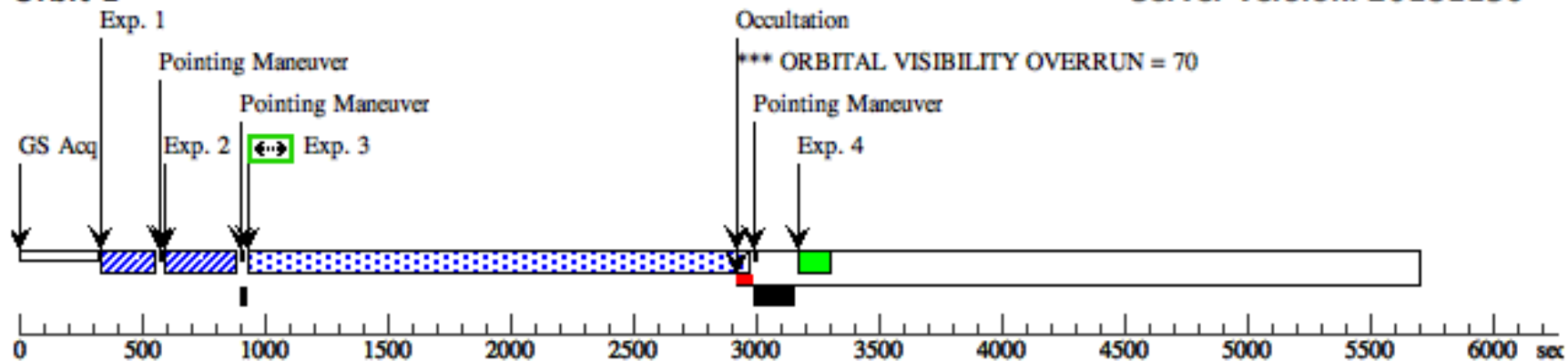
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.im.82 5277)	(7) WASP-69	STIS/CCD, ACQ, F28X50LP	MIRROR		PHASE 0.9578 TO 0.9838	Sequence 1-4 Non-Int in WASP-69 STIS/G140M x1 (31)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.24 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.87, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in WASP-69 STIS/G140M x1 (31)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Time to saturation is 0.46 sec.									
	3	WASP-69 S TIS/G140M orbit 1 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in WASP-69 STIS/G140M x1 (31)	1890 Secs (1902 Secs) [==>1902.0 Secs]	[1]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									
	4	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in WASP-69 STIS/G140M x1 (31)	[==>]	[1]
	5	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in WASP-69 STIS/G140M x1 (31)	0.1 Secs (0.1 Secs) [==>]	[2]
	Comments: Time to saturation is 0.46 sec.									
	6	WASP-69 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in WASP-69 STIS/G140M x1 (31)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[2]
	7	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in WASP-69 STIS/G140M x1 (31)	[==>]	[2]
	8	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in WASP-69 STIS/G140M x1 (31)	0.1 Secs (0.1 Secs) [==>]	[3]
	Comments: Time to saturation is 0.46 sec.									
	9	WASP-69 S TIS/G140M orbit 3 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in WASP-69 STIS/G140M x1 (31)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[3]
	10	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in WASP-69 STIS/G140M x1 (31)	[==>]	[3]
	11	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in WASP-69 STIS/G140M x1 (31)	0.1 Secs (0.1 Secs) [==>]	[4]
	Comments: Time to saturation is 0.46 sec.									
	12	WASP-69 S TIS/G140M orbit 4 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in WASP-69 STIS/G140M x1 (31)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[4]
	13	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 11-13 Non-Int in WASP-69 STIS/G140M x1 (31)	[==>]	[4]

Proposal 14767 - WASP-69 STIS/G140M x1 (31) - The Panchromatic Comparative Exoplanetary Treasury Program

14	ACQ/PEAK (7) WASP-69 (STIS.ta.828 016)	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR		Sequence 14-16 Non -Int in WASP-69 STI S/G140M x1 (31)	0.1 Secs (0.1 Secs)	
						[==>]	[5]
						<i>Comments: Time to saturation is 0.46 sec.</i>	
15	WASP-69 S (7) WASP-69 TIS/G140M orbit 5 (STIS.sp.82 7199)	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO	Sequence 14-16 Non -Int in WASP-69 STI S/G140M x1 (31)	2150 Secs (2171 Secs)	
						[==>2171.0 Secs]	[5]
16	GO-WAVE WAVE CAL	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A		Sequence 14-16 Non -Int in WASP-69 STI S/G140M x1 (31)	[==>]	[5]

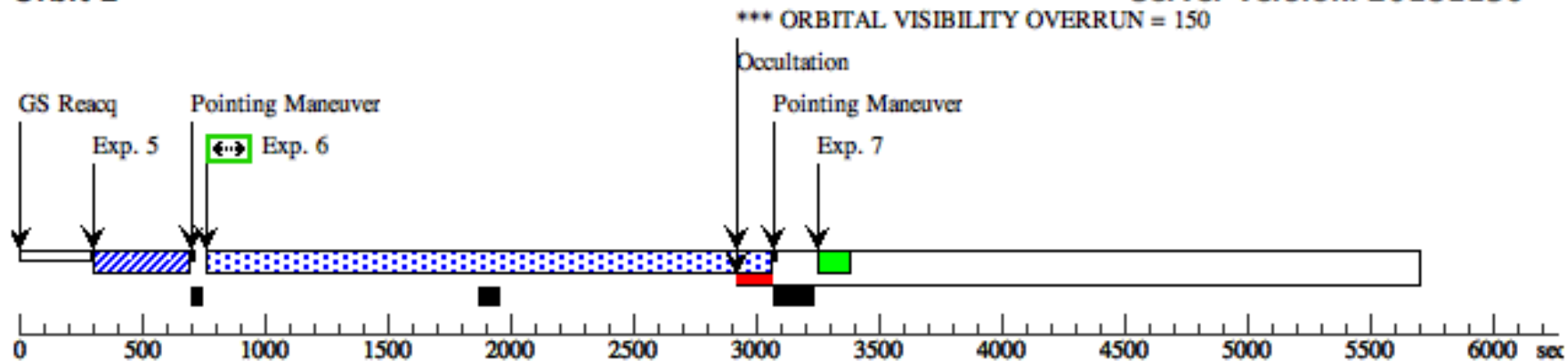
Orbit 1

Server Version: 20181130



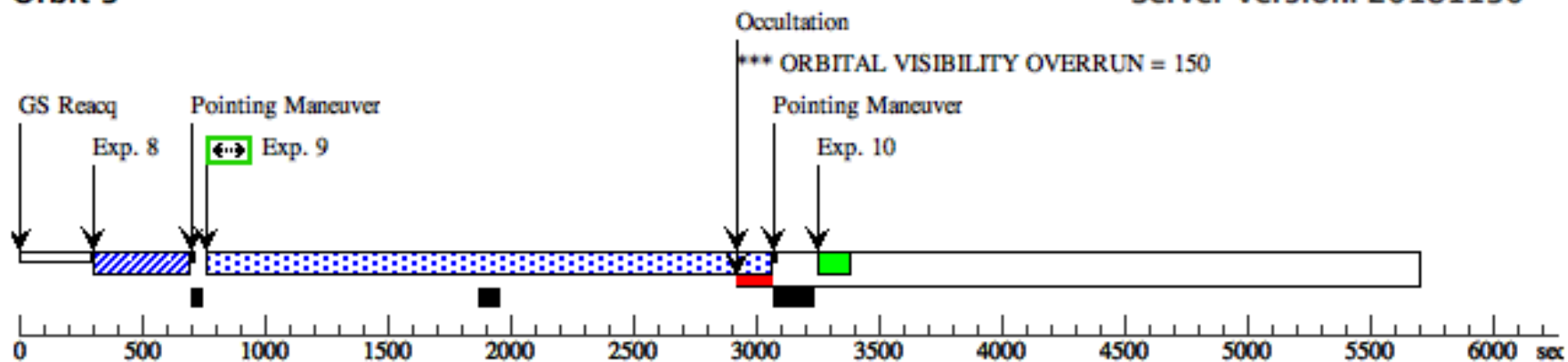
Orbit 2

Server Version: 20181130



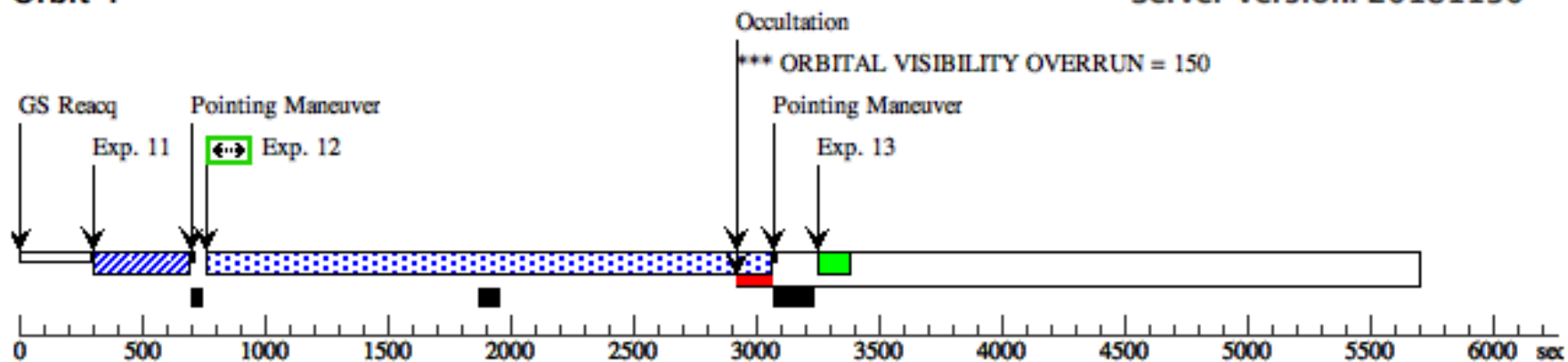
Orbit 3

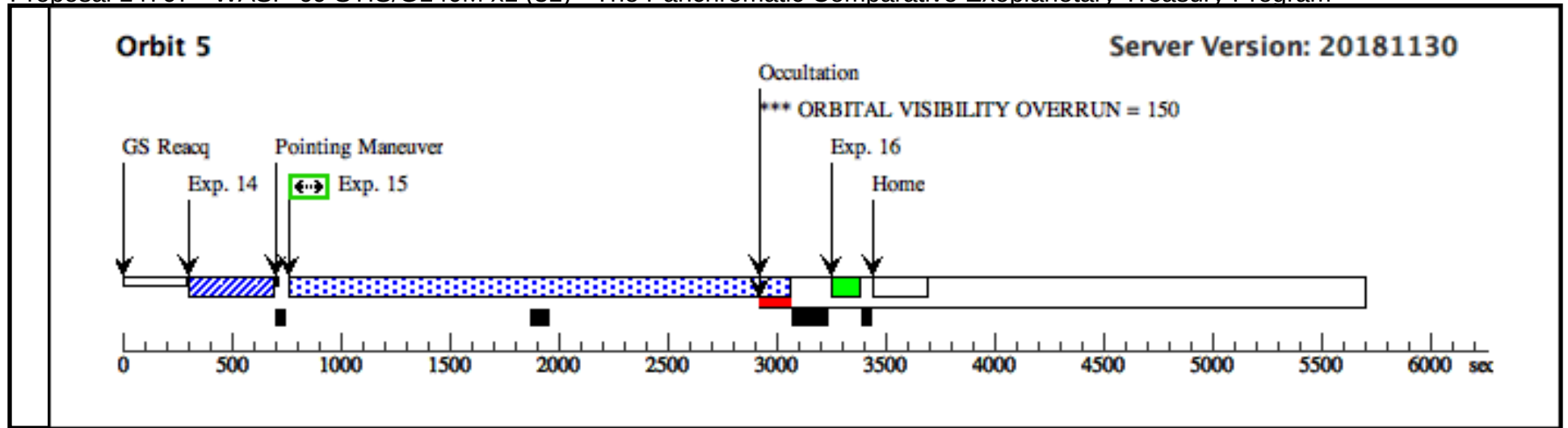
Server Version: 20181130



Orbit 4

Server Version: 20181130





Proposal 14767 - WASP-69 STIS/G140M x1 (W1) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-69 STIS/G140M x1 (W1), completed Wed Jun 05 15:15:00 GMT 2019					
	Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 01-APR-2019 AND 30-JUN-2019; Period 3.8681382 D AND ZERO-PHASE HJD2455748.83344 <i>Comments: It is essential that the five orbits be scheduled in a continuous block. Schedule from April to June to offset H I geocoronal line from blue wing of stellar line. Feb 2018: Starting phase constraint expanded to ~1 orbit later (from 0.9578-0.9647 to 0.9578-0.9838).</i>					
Diagnostics	(WASP-69 STIS/G140M x1 (W1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 STIS/G140M x1 (W1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 STIS/G140M x1 (W1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 STIS/G140M x1 (W1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 STIS/G140M x1 (W1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	WASP-69	RA: 21 00 6.1934 (315.0258058d) Dec: -05 05 40.11 (-5.09447d) Equinox: J2000	Proper Motion RA: 31.5 mas/yr Proper Motion Dec: -93.6 mas/yr Epoch of Position: 2000	V=9.87	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO						

Proposal 14767 - WASP-69 STIS/G140M x1 (W1) - The Panchromatic Comparative Exoplanetary Treasury Program

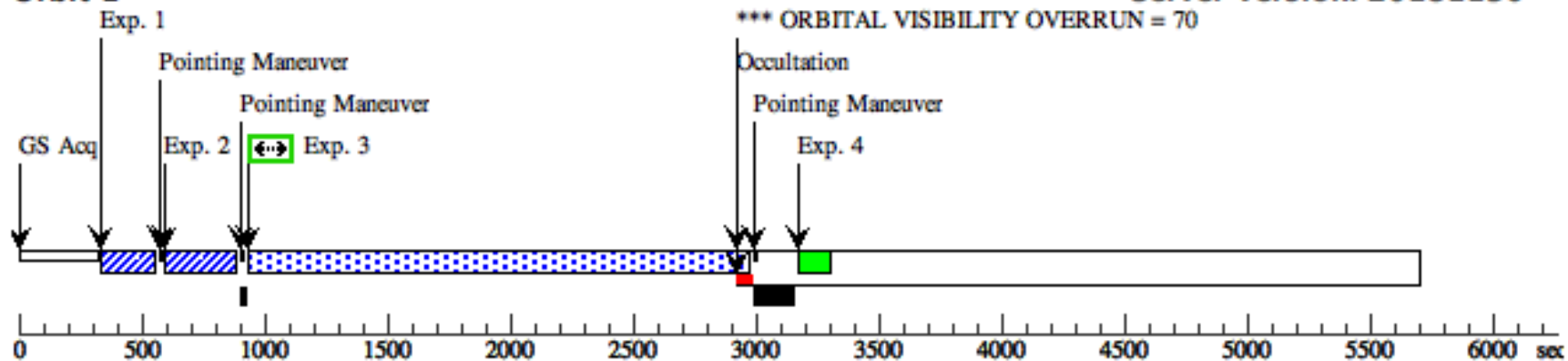
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.im.82 5277)	(7) WASP-69	STIS/CCD, ACQ, F28X50LP	MIRROR		PHASE 0.9578 TO 0.9838	Sequence 1-4 Non-Int in WASP-69 STIS/G140M x1 (W1)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.24 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.87, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in WASP-69 STIS/G140M x1 (W1)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Time to saturation is 0.46 sec.									
	3	WASP-69 S TIS/G140M orbit 1 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in WASP-69 STIS/G140M x1 (W1)	1890 Secs (1902 Secs) [==>1902.0 Secs]	[1]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									
	4	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in WASP-69 STIS/G140M x1 (W1)	[==>]	[1]
	5	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in WASP-69 STIS/G140M x1 (W1)	0.1 Secs (0.1 Secs) [==>]	[2]
	Comments: Time to saturation is 0.46 sec.									
	6	WASP-69 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in WASP-69 STIS/G140M x1 (W1)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[2]
	7	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in WASP-69 STIS/G140M x1 (W1)	[==>]	[2]
	8	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in WASP-69 STIS/G140M x1 (W1)	0.1 Secs (0.1 Secs) [==>]	[3]
	Comments: Time to saturation is 0.46 sec.									
	9	WASP-69 S TIS/G140M orbit 3 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in WASP-69 STIS/G140M x1 (W1)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[3]
	10	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in WASP-69 STIS/G140M x1 (W1)	[==>]	[3]
	11	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in WASP-69 STIS/G140M x1 (W1)	0.1 Secs (0.1 Secs) [==>]	[4]
	Comments: Time to saturation is 0.46 sec.									
	12	WASP-69 S TIS/G140M orbit 4 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in WASP-69 STIS/G140M x1 (W1)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[4]
	13	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 11-13 Non-Int in WASP-69 STIS/G140M x1 (W1)	[==>]	[4]

Proposal 14767 - WASP-69 STIS/G140M x1 (W1) - The Panchromatic Comparative Exoplanetary Treasury Program

14	ACQ/PEAK (7) WASP-69 (STIS.ta.828 016)	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR		Sequence 14-16 Non -Int in WASP-69 STI S/G140M x1 (W1)	0.1 Secs (0.1 Secs)	
						[==>]	[5]
						<i>Comments: Time to saturation is 0.46 sec.</i>	
15	WASP-69 S (7) WASP-69 TIS/G140M orbit 5 (STIS.sp.82 7199)	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO	Sequence 14-16 Non -Int in WASP-69 STI S/G140M x1 (W1)	2150 Secs (2171 Secs)	
						[==>2171.0 Secs]	[5]
16	GO-WAVE WAVE CAL	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A		Sequence 14-16 Non -Int in WASP-69 STI S/G140M x1 (W1)	[==>]	[5]

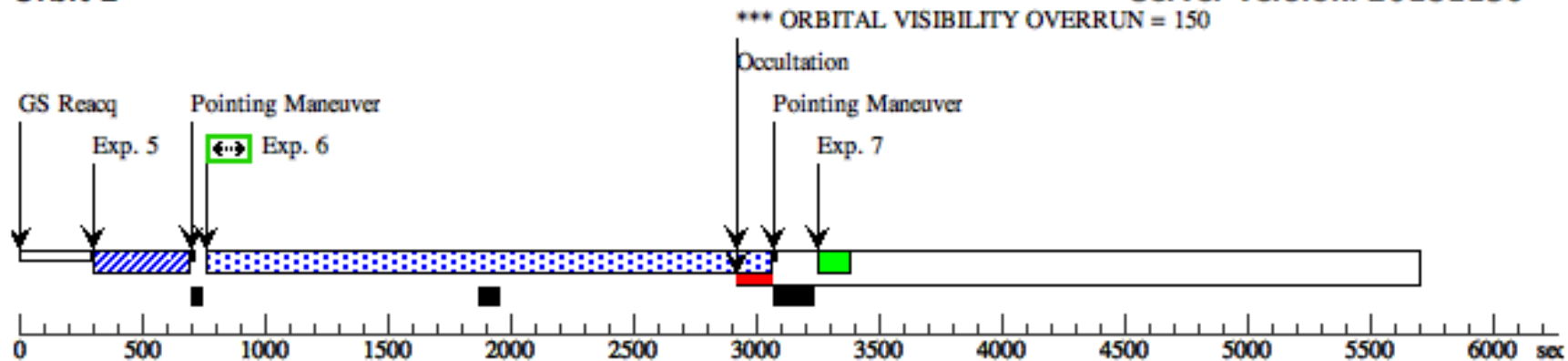
Orbit 1

Server Version: 20181130



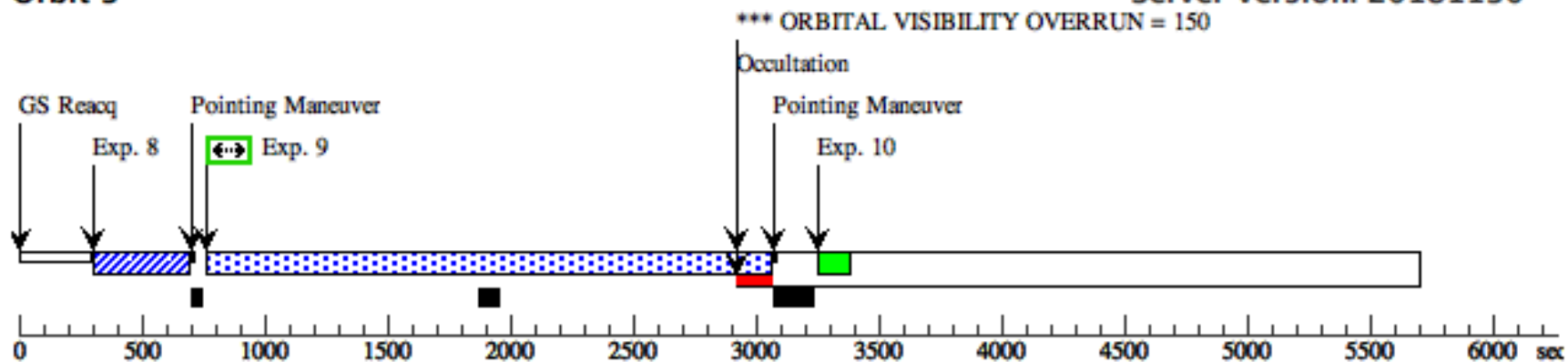
Orbit 2

Server Version: 20181130



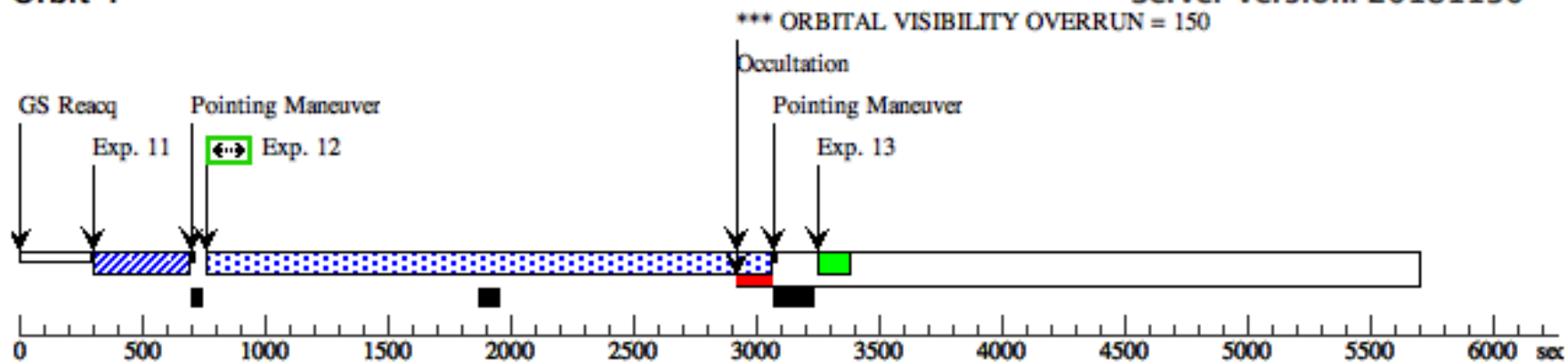
Orbit 3

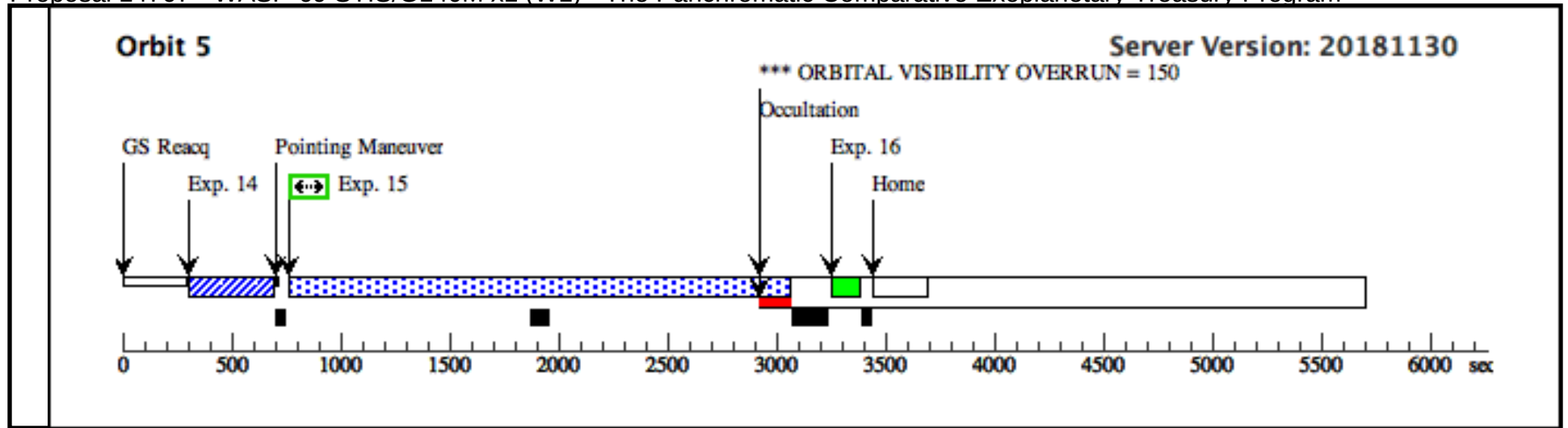
Server Version: 20181130



Orbit 4

Server Version: 20181130





Proposal 14767 - WASP-69 STIS/G140M x2 (32) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-69 STIS/G140M x2 (32), failed Wed Jun 05 15:15:01 GMT 2019					
	Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 01-APR-2017 AND 30-JUN-2017; BETWEEN 01-APR-2018 AND 30-JUN-2018; Period 3.8681382 D AND ZERO-PHASE HJD2455748.83344 <i>Comments: It is essential that the five orbits be scheduled in a continuous block. Schedule from April to June to offset H I geocoronal line from blue wing of stellar line. Feb 2018: Starting phase constraint expanded to ~1 orbit later (from 0.9578-0.9647 to 0.9578-0.9838).</i>					
Diagnostics	(WASP-69 STIS/G140M x2 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 STIS/G140M x2 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 STIS/G140M x2 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 STIS/G140M x2 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 STIS/G140M x2 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	WASP-69	RA: 21 00 6.1934 (315.0258058d) Dec: -05 05 40.11 (-5.09447d) Equinox: J2000	Proper Motion RA: 31.5 mas/yr Proper Motion Dec: -93.6 mas/yr Epoch of Position: 2000	V=9.87	Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - WASP-69 STIS/G140M x2 (32) - The Panchromatic Comparative Exoplanetary Treasury Program

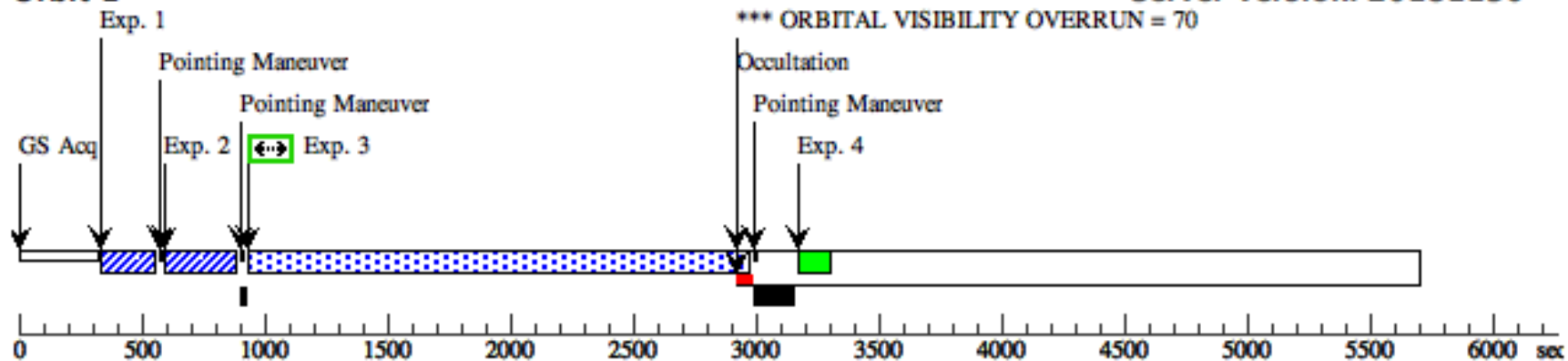
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.im.82 5277)	(7) WASP-69	STIS/CCD, ACQ, F28X50LP	MIRROR		PHASE 0.9578 TO 0.9838	Sequence 1-4 Non-Int in WASP-69 STIS/G140M x2 (32)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.24 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.87, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in WASP-69 STIS/G140M x2 (32)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Time to saturation is 0.46 sec.									
	3	WASP-69 S TIS/G140M orbit 1 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in WASP-69 STIS/G140M x2 (32)	1890 Secs (1902 Secs) [==>1902.0 Secs]	[1]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									
	4	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in WASP-69 STIS/G140M x2 (32)	[==>]	[1]
	5	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in WASP-69 STIS/G140M x2 (32)	0.1 Secs (0.1 Secs) [==>]	[2]
	Comments: Time to saturation is 0.46 sec.									
	6	WASP-69 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in WASP-69 STIS/G140M x2 (32)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[2]
	7	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in WASP-69 STIS/G140M x2 (32)	[==>]	[2]
	8	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in WASP-69 STIS/G140M x2 (32)	0.1 Secs (0.1 Secs) [==>]	[3]
	Comments: Time to saturation is 0.46 sec.									
	9	WASP-69 S TIS/G140M orbit 3 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in WASP-69 STIS/G140M x2 (32)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[3]
	10	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in WASP-69 STIS/G140M x2 (32)	[==>]	[3]
	11	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in WASP-69 STIS/G140M x2 (32)	0.1 Secs (0.1 Secs) [==>]	[4]
	Comments: Time to saturation is 0.46 sec.									
	12	WASP-69 S TIS/G140M orbit 4 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in WASP-69 STIS/G140M x2 (32)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[4]
	13	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 11-13 Non-Int in WASP-69 STIS/G140M x2 (32)	[==>]	[4]

Proposal 14767 - WASP-69 STIS/G140M x2 (32) - The Panchromatic Comparative Exoplanetary Treasury Program

14	ACQ/PEAK (7) WASP-69 (STIS.ta.828 016)	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR		Sequence 14-16 Non -Int in WASP-69 STI S/G140M x2 (32)	0.1 Secs (0.1 Secs)	
						[==>]	[5]
						<i>Comments: Time to saturation is 0.46 sec.</i>	
15	WASP-69 S (7) WASP-69 TIS/G140M orbit 5 (STIS.sp.82 7199)	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO	Sequence 14-16 Non -Int in WASP-69 STI S/G140M x2 (32)	2150 Secs (2171 Secs)	
						[==>2171.0 Secs]	[5]
16	GO-WAVE WAVE CAL	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A		Sequence 14-16 Non -Int in WASP-69 STI S/G140M x2 (32)	[==>]	[5]

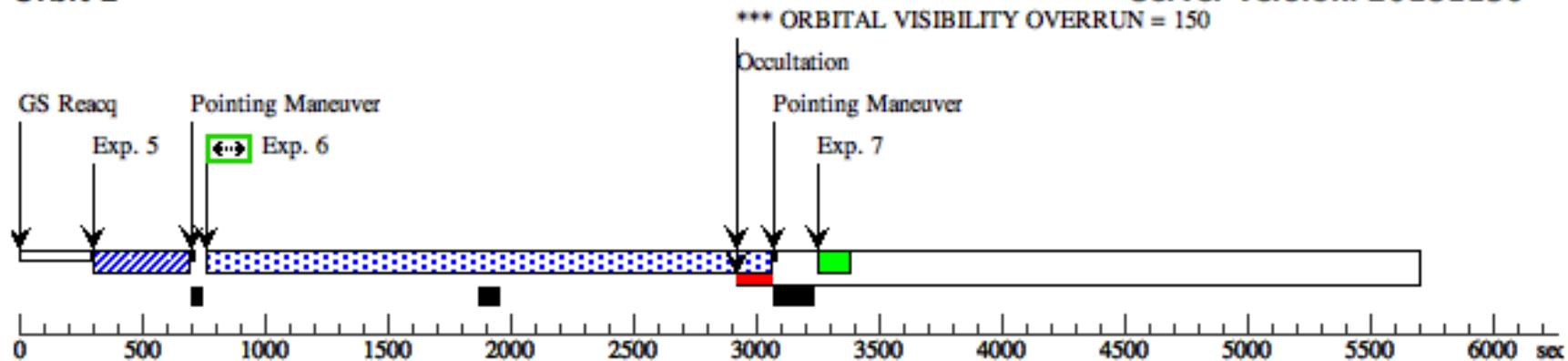
Orbit 1

Server Version: 20181130



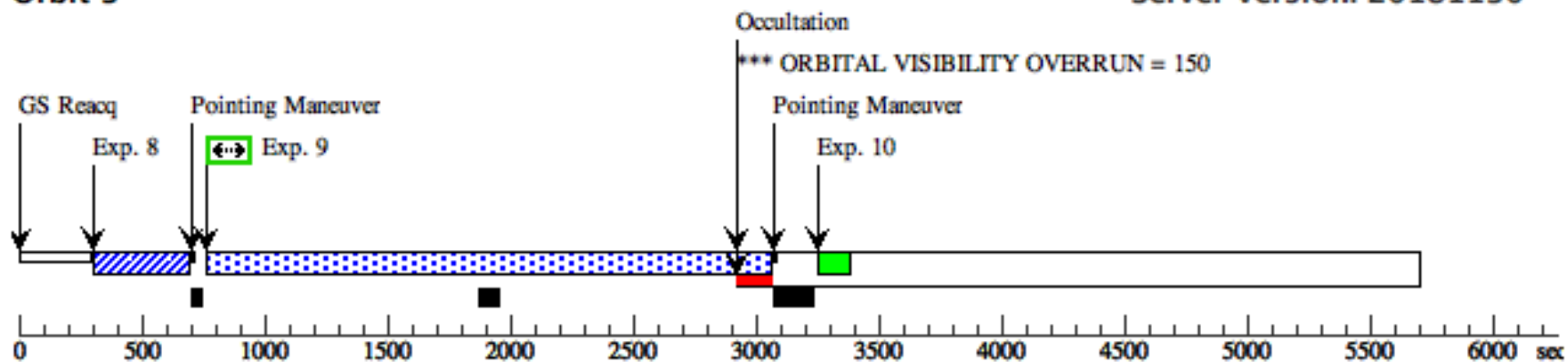
Orbit 2

Server Version: 20181130



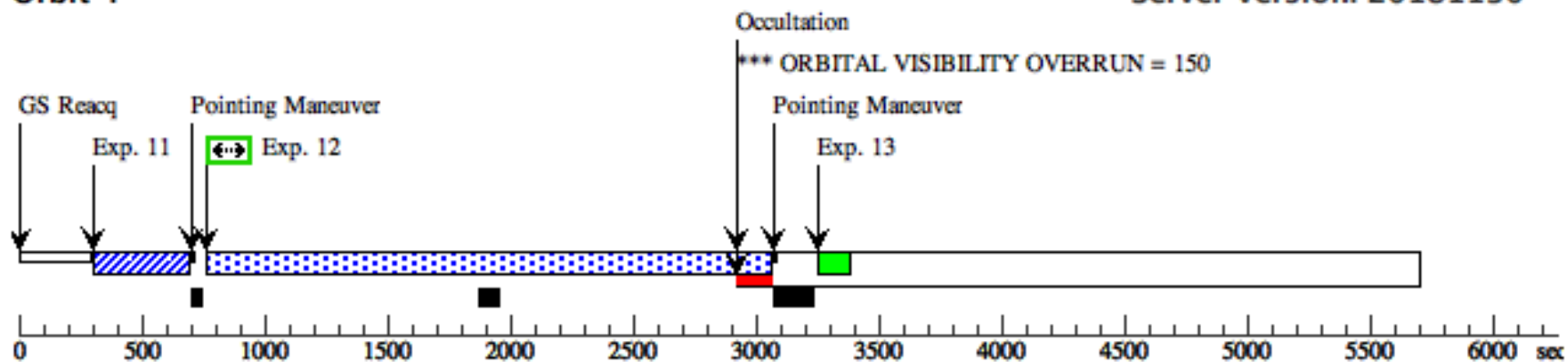
Orbit 3

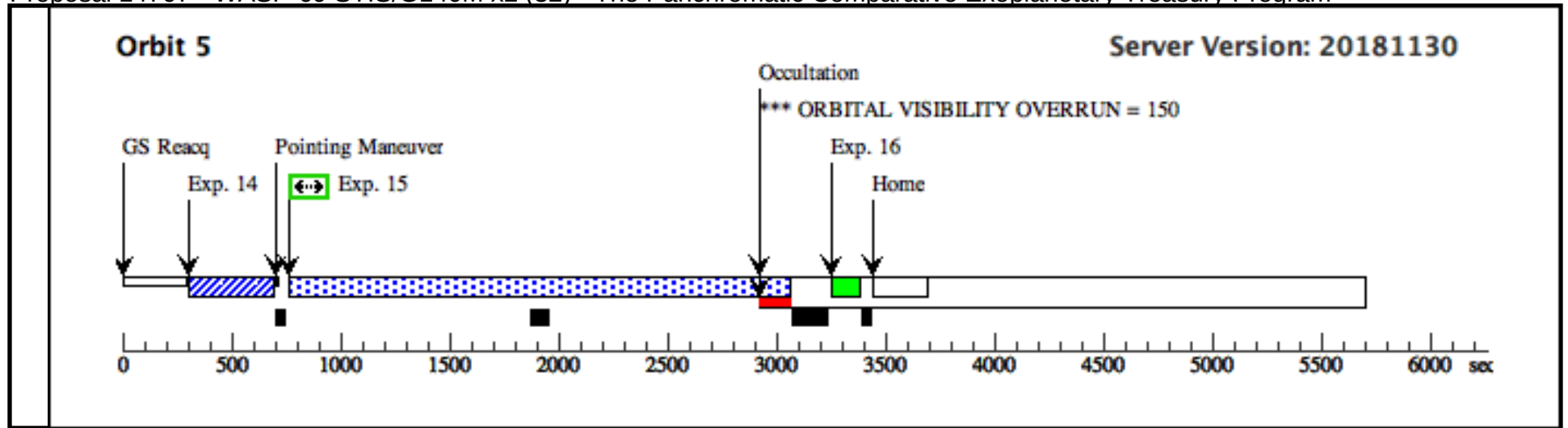
Server Version: 20181130



Orbit 4

Server Version: 20181130





Proposal 14767 - WASP-69 STIS/G140M x2 (W2) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-69 STIS/G140M x2 (W2), completed					Wed Jun 05 15:15:01 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA					
	Special Requirements: SCHED 100%; BETWEEN 01-APR-2019 AND 30-JUN-2019; Period 3.8681382 D AND ZERO-PHASE HJD2455748.83344					
	Comments: It is essential that the five orbits be scheduled in a continuous block. Schedule from April to June to offset H I geocoronal line from blue wing of stellar line. Feb 2018: Starting phase constraint expanded to ~1 orbit later (from 0.9578-0.9647 to 0.9578-0.9838).					
Diagnostics	(WASP-69 STIS/G140M x2 (W2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x2 (W2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x2 (W2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x2 (W2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x2 (W2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	WASP-69	RA: 21 00 6.1934 (315.0258058d)	Proper Motion RA: 31.5 mas/yr	V=9.87	Reference Frame: ICRS
			Dec: -05 05 40.11 (-5.09447d)	Proper Motion Dec: -93.6 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]					
	Extended=NO					

Proposal 14767 - WASP-69 STIS/G140M x2 (W2) - The Panchromatic Comparative Exoplanetary Treasury Program

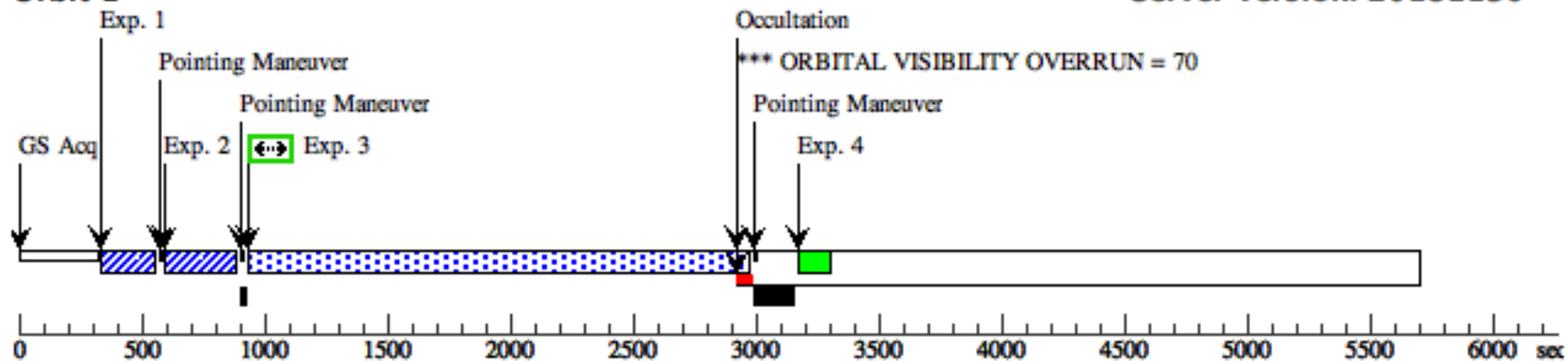
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ (STIS.im.82 5277)	(7) WASP-69	STIS/CCD, ACQ, F28X50LP	MIRROR		PHASE 0.9578 TO 0.9838	Sequence 1-4 Non-Int in WASP-69 STIS/G140M x2 (W2)	0.1 Secs (0.1 Secs)	[==>]	[1]
	Comments: Saturation is calculated at 0.24 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.87, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).										
	2	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in WASP-69 STIS/G140M x2 (W2)	0.1 Secs (0.1 Secs)	[==>]	[1]
	Comments: Time to saturation is 0.46 sec.										
	3	WASP-69 S TIS/G140M orbit 1 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in WASP-69 STIS/G140M x2 (W2)	1890 Secs (1902 Secs)	[==>1902.0 Secs]	[1]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.										
	4	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in WASP-69 STIS/G140M x2 (W2)	[==>]		[1]
	5	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in WASP-69 STIS/G140M x2 (W2)	0.1 Secs (0.1 Secs)	[==>]	[2]
	Comments: Time to saturation is 0.46 sec.										
	6	WASP-69 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in WASP-69 STIS/G140M x2 (W2)	2150 Secs (2171 Secs)	[==>2171.0 Secs]	[2]
	7	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in WASP-69 STIS/G140M x2 (W2)	[==>]		[2]
	8	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in WASP-69 STIS/G140M x2 (W2)	0.1 Secs (0.1 Secs)	[==>]	[3]
	Comments: Time to saturation is 0.46 sec.										
	9	WASP-69 S TIS/G140M orbit 3 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in WASP-69 STIS/G140M x2 (W2)	2150 Secs (2171 Secs)	[==>2171.0 Secs]	[3]
	10	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in WASP-69 STIS/G140M x2 (W2)	[==>]		[3]
	11	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in WASP-69 STIS/G140M x2 (W2)	0.1 Secs (0.1 Secs)	[==>]	[4]
	Comments: Time to saturation is 0.46 sec.										
	12	WASP-69 S TIS/G140M orbit 4 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in WASP-69 STIS/G140M x2 (W2)	2150 Secs (2171 Secs)	[==>2171.0 Secs]	[4]
	13	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 11-13 Non-Int in WASP-69 STIS/G140M x2 (W2)	[==>]		[4]

Proposal 14767 - WASP-69 STIS/G140M x2 (W2) - The Panchromatic Comparative Exoplanetary Treasury Program

14	ACQ/PEAK (7) WASP-69 (STIS.ta.828 016)	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR		Sequence 14-16 Non -Int in WASP-69 STI S/G140M x2 (W2)	0.1 Secs (0.1 Secs) [==>]	[5]
<i>Comments: Time to saturation is 0.46 sec.</i>							
15	WASP-69 S (7) WASP-69 TIS/G140M orbit 5 (STIS.sp.82 7199)	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO	Sequence 14-16 Non -Int in WASP-69 STI S/G140M x2 (W2)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[5]
16	GO-WAVE WAVE CAL	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A		Sequence 14-16 Non -Int in WASP-69 STI S/G140M x2 (W2)	[==>]	[5]

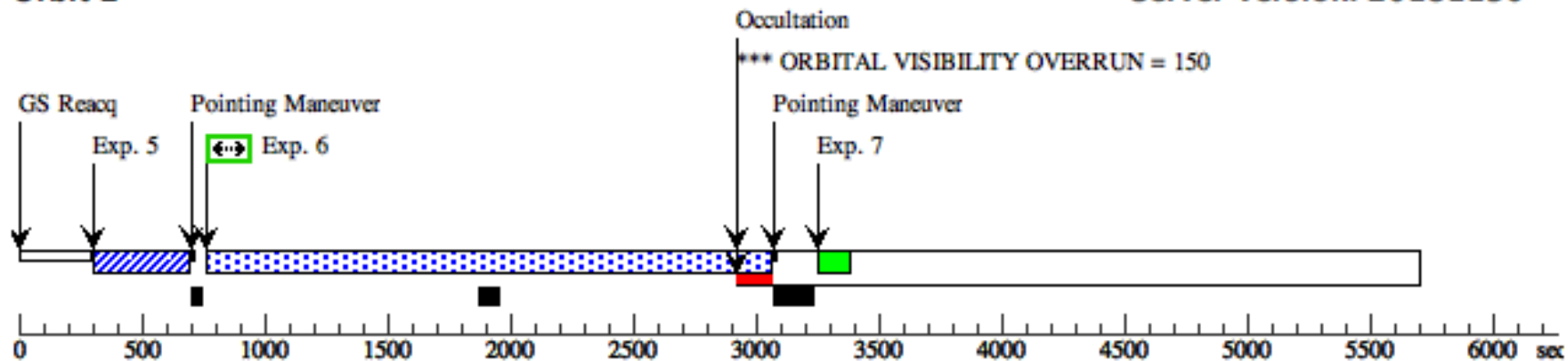
Orbit 1

Server Version: 20181130



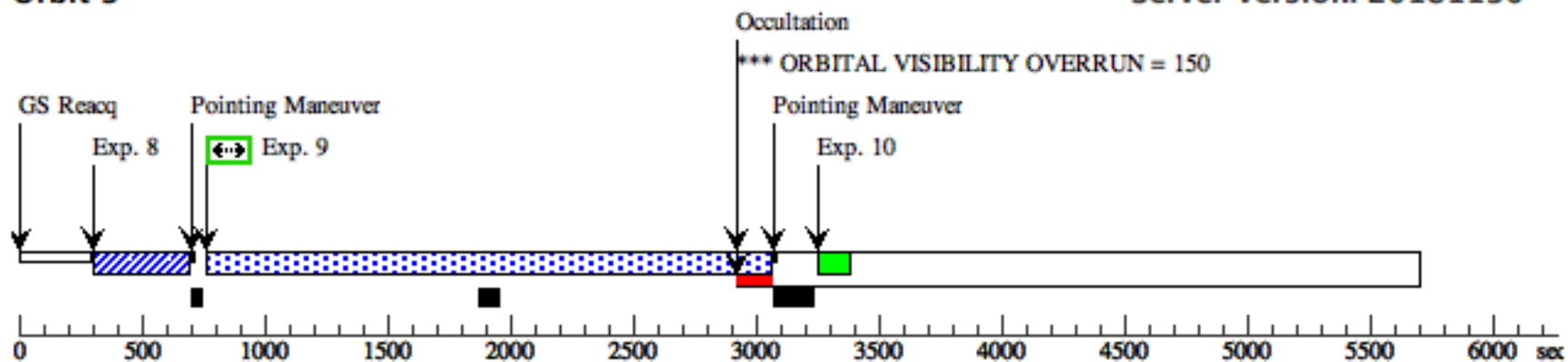
Orbit 2

Server Version: 20181130



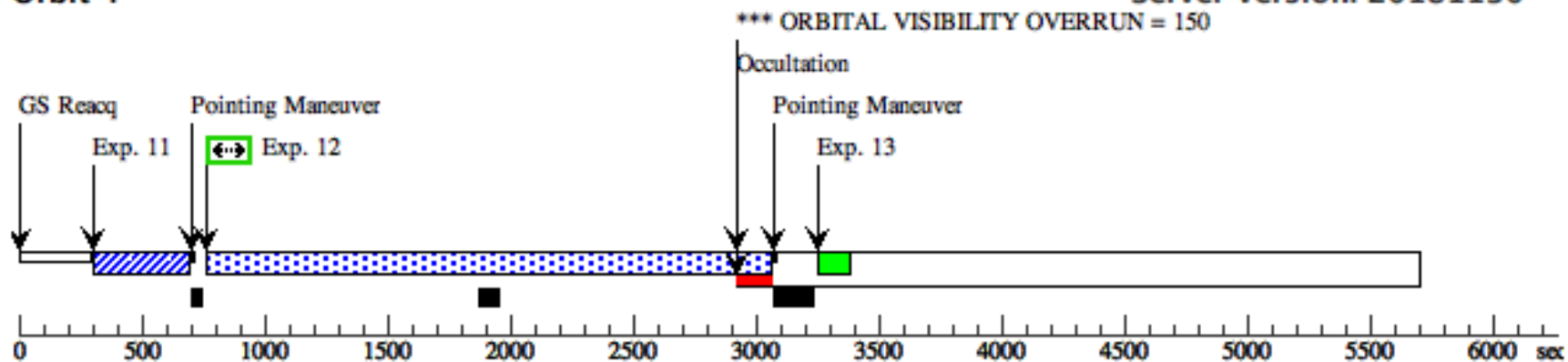
Orbit 3

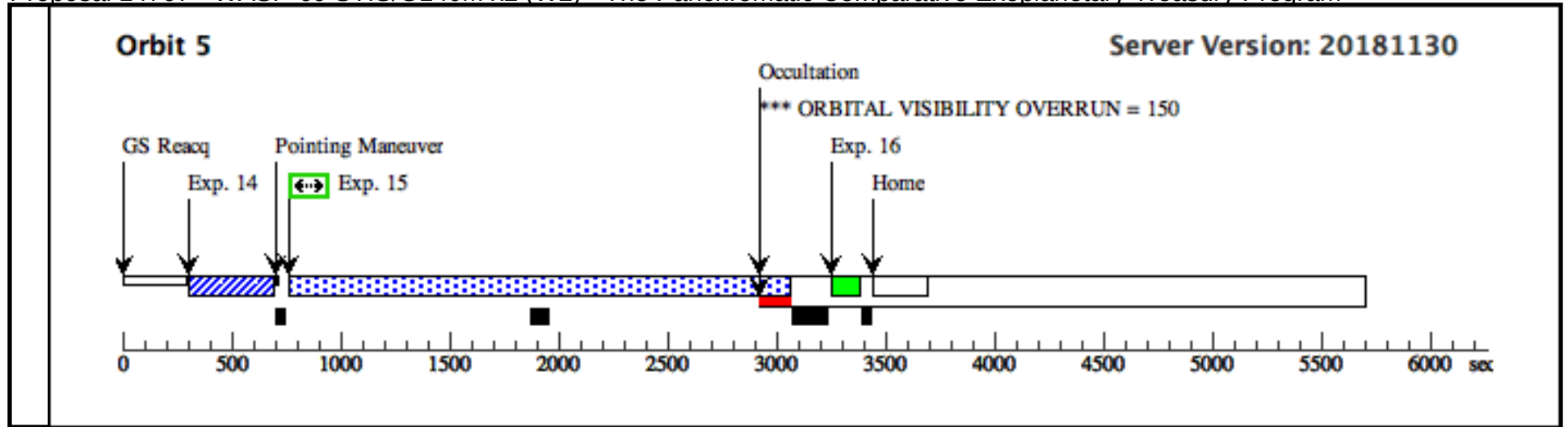
Server Version: 20181130



Orbit 4

Server Version: 20181130





Proposal 14767 - WASP-69 STIS/G140M x3 (33) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-69 STIS/G140M x3 (33), failed					Wed Jun 05 15:15:01 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA					
	Special Requirements: SCHED 100%; BETWEEN 01-APR-2017 AND 30-JUN-2017; BETWEEN 01-APR-2018 AND 30-JUN-2018; Period 3.8681382 D AND ZERO-PHASE HJD2455748.83344					
	Comments: It is essential that the five orbits be scheduled in a continuous block. Schedule from April to June to offset H I geocoronal line from blue wing of stellar line. Feb 2018: Starting phase constraint expanded to both ~60 min earlier and ~ 1 orbit later (from 0.9578-0.9647 to 0.9452-0.9838).					
Diagnostics	(WASP-69 STIS/G140M x3 (33)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x3 (33)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x3 (33)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x3 (33)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x3 (33)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	WASP-69	RA: 21 00 6.1934 (315.0258058d)	Proper Motion RA: 31.5 mas/yr	V=9.87	Reference Frame: ICRS
			Dec: -05 05 40.11 (-5.09447d)	Proper Motion Dec: -93.6 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]					
	Extended=NO					

Proposal 14767 - WASP-69 STIS/G140M x3 (33) - The Panchromatic Comparative Exoplanetary Treasury Program

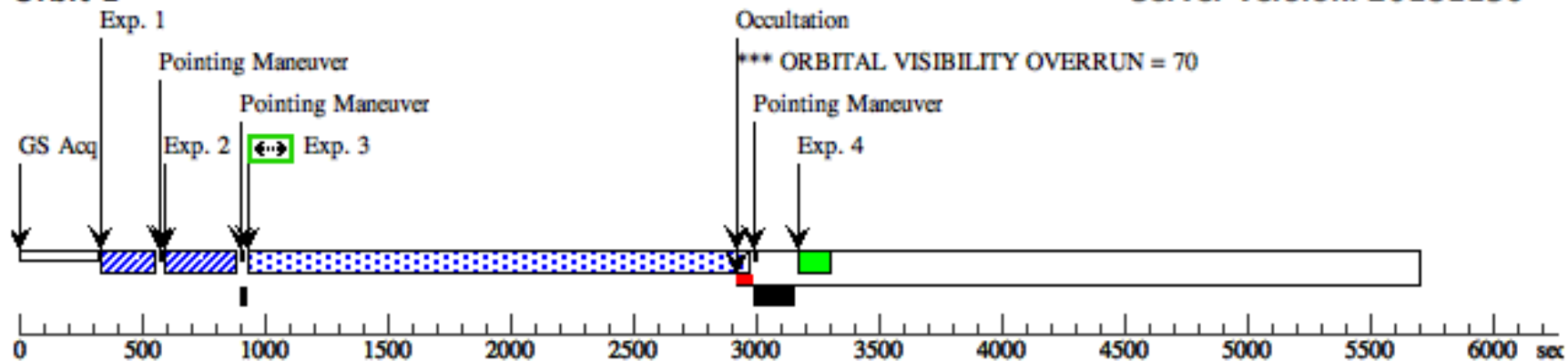
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.im.82 5277)	(7) WASP-69	STIS/CCD, ACQ, F28X50LP	MIRROR		PHASE 0.9452 TO 0.9838	Sequence 1-4 Non-Int in WASP-69 STIS/G140M x3 (33)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.24 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.87, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in WASP-69 STIS/G140M x3 (33)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Time to saturation is 0.46 sec.									
	3	WASP-69 S TIS/G140M orbit 1 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in WASP-69 STIS/G140M x3 (33)	1890 Secs (1902 Secs) [==>1902.0 Secs]	[1]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									
	4	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in WASP-69 STIS/G140M x3 (33)	[==>]	[1]
	5	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in WASP-69 STIS/G140M x3 (33)	0.1 Secs (0.1 Secs) [==>]	[2]
	Comments: Time to saturation is 0.46 sec.									
	6	WASP-69 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in WASP-69 STIS/G140M x3 (33)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[2]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									
	7	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in WASP-69 STIS/G140M x3 (33)	[==>]	[2]
	8	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in WASP-69 STIS/G140M x3 (33)	0.1 Secs (0.1 Secs) [==>]	[3]
	Comments: Time to saturation is 0.46 sec.									
	9	WASP-69 S TIS/G140M orbit 3 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in WASP-69 STIS/G140M x3 (33)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[3]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									
	10	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in WASP-69 STIS/G140M x3 (33)	[==>]	[3]
	11	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in WASP-69 STIS/G140M x3 (33)	0.1 Secs (0.1 Secs) [==>]	[4]
	Comments: Time to saturation is 0.46 sec.									
	12	WASP-69 S TIS/G140M orbit 4 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in WASP-69 STIS/G140M x3 (33)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[4]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									

Proposal 14767 - WASP-69 STIS/G140M x3 (33) - The Panchromatic Comparative Exoplanetary Treasury Program

13	GO-WAVE WAVE CAL	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A		Sequence 11-13 Non -Int in WASP-69 STI S/G140M x3 (33)	[==>]	[4]
14	ACQ/PEAK (7) WASP-69 (STIS.ta.828 016)	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR		Sequence 14-16 Non -Int in WASP-69 STI S/G140M x3 (33)	0.1 Secs (0.1 Secs) [==>]	[5]
Comments: Time to saturation is 0.46 sec.							
15	WASP-69 S (7) WASP-69 TIS/G140M orbit 5 (STIS.sp.82 7199)	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO	Sequence 14-16 Non -Int in WASP-69 STI S/G140M x3 (33)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[5]
Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.							
16	GO-WAVE WAVE CAL	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A		Sequence 14-16 Non -Int in WASP-69 STI S/G140M x3 (33)	[==>]	[5]

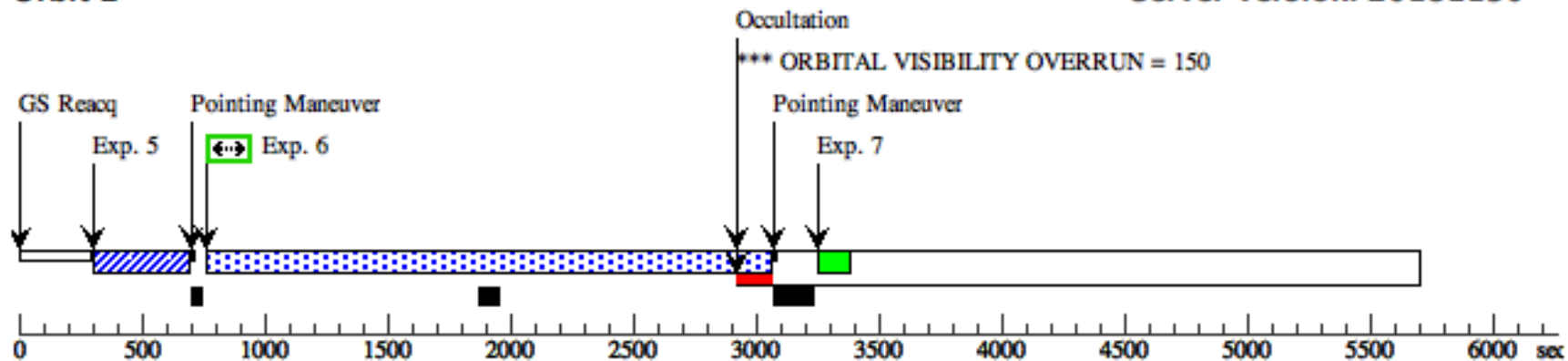
Orbit 1

Server Version: 20181130



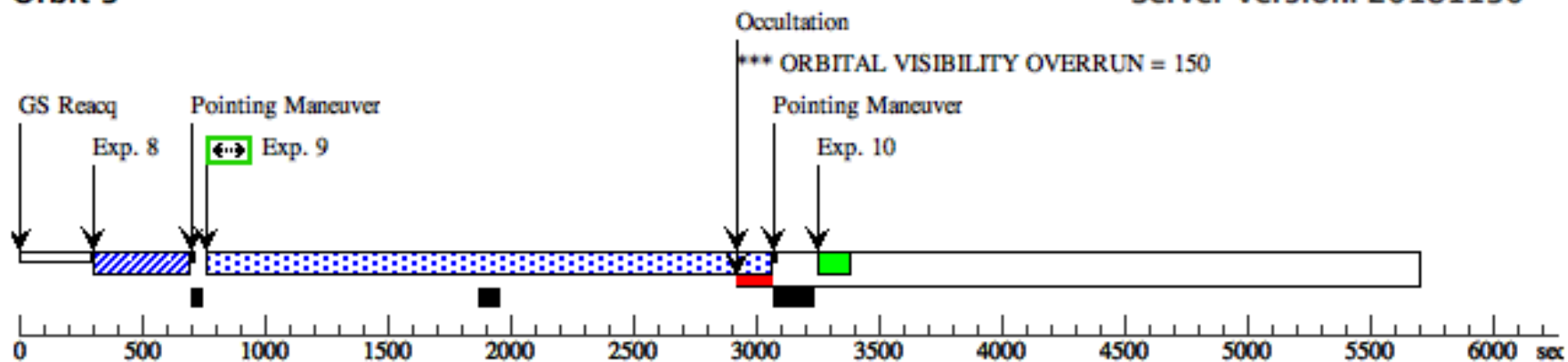
Orbit 2

Server Version: 20181130



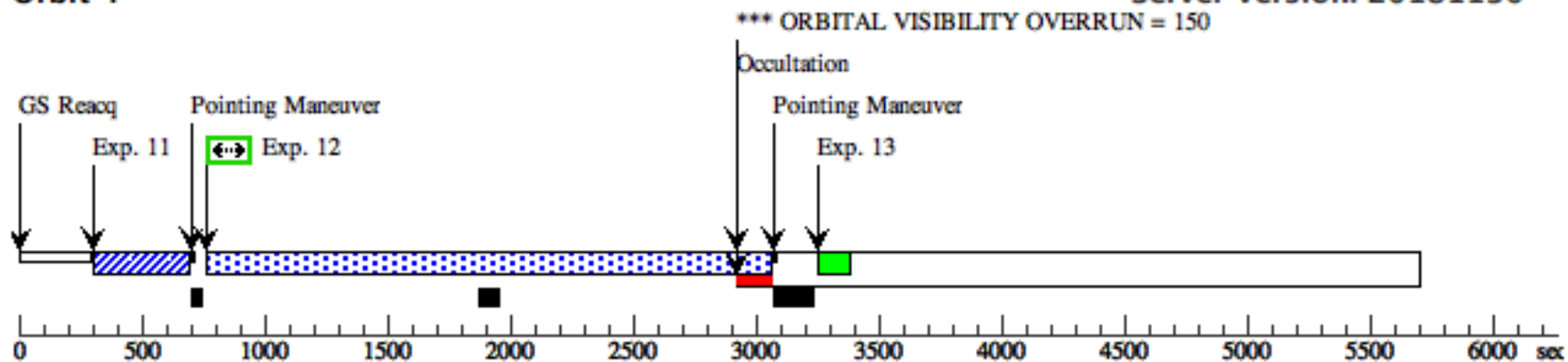
Orbit 3

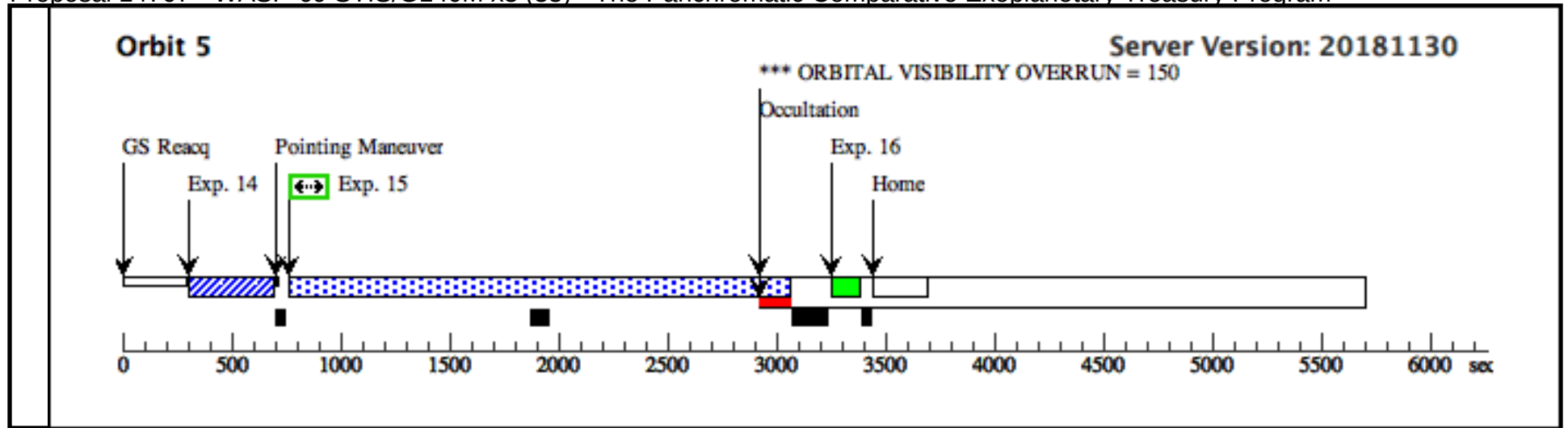
Server Version: 20181130



Orbit 4

Server Version: 20181130





Proposal 14767 - WASP-69 STIS/G140M x3 (W3) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-69 STIS/G140M x3 (W3), completed Wed Jun 05 15:15:01 GMT 2019					
	Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 01-APR-2019 AND 30-JUN-2019; Period 3.8681382 D AND ZERO-PHASE HJD2455748.83344 <i>Comments: It is essential that the five orbits be scheduled in a continuous block. Schedule from April to June to offset H I geocoronal line from blue wing of stellar line. Feb 2018: Starting phase constraint expanded to both ~60 min earlier and ~ 1 orbit later (from 0.9578-0.9647 to 0.9452-0.9838).</i>					
Diagnostics	(WASP-69 STIS/G140M x3 (W3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x3 (W3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x3 (W3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x3 (W3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-69 STIS/G140M x3 (W3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	WASP-69	RA: 21 00 6.1934 (315.0258058d)	Proper Motion RA: 31.5 mas/yr	V=9.87	Reference Frame: ICRS
			Dec: -05 05 40.11 (-5.09447d)	Proper Motion Dec: -93.6 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - WASP-69 STIS/G140M x3 (W3) - The Panchromatic Comparative Exoplanetary Treasury Program

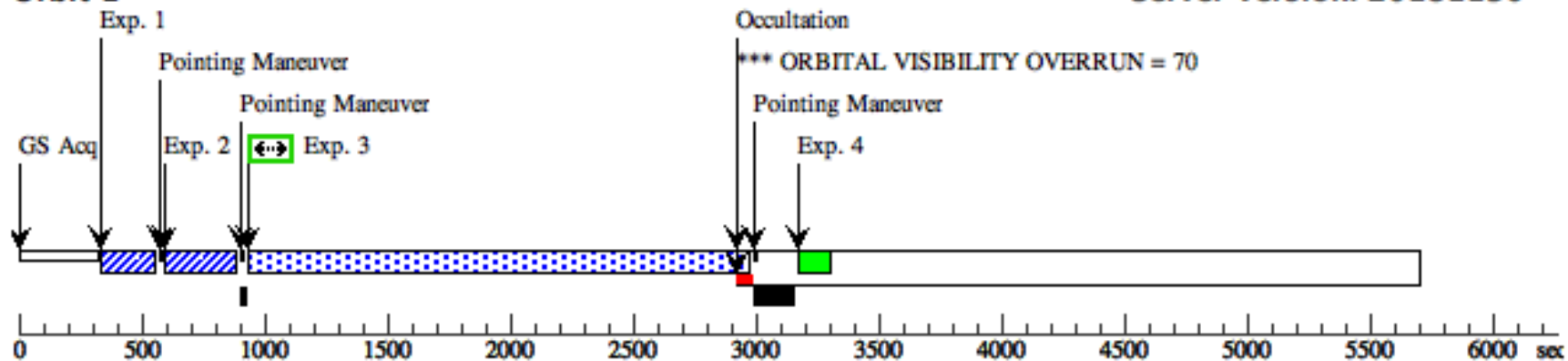
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.im.82 5277)	(7) WASP-69	STIS/CCD, ACQ, F28X50LP	MIRROR		PHASE 0.9452 TO 0.9838	Sequence 1-4 Non-Int in WASP-69 STIS/G140M x3 (W3)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.24 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.87, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in WASP-69 STIS/G140M x3 (W3)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Time to saturation is 0.46 sec.									
	3	WASP-69 S TIS/G140M orbit 1 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in WASP-69 STIS/G140M x3 (W3)	1890 Secs (1902 Secs) [==>1902.0 Secs]	[1]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									
	4	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in WASP-69 STIS/G140M x3 (W3)	[==>]	[1]
	5	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in WASP-69 STIS/G140M x3 (W3)	0.1 Secs (0.1 Secs) [==>]	[2]
	Comments: Time to saturation is 0.46 sec.									
	6	WASP-69 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in WASP-69 STIS/G140M x3 (W3)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[2]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									
	7	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in WASP-69 STIS/G140M x3 (W3)	[==>]	[2]
	8	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in WASP-69 STIS/G140M x3 (W3)	0.1 Secs (0.1 Secs) [==>]	[3]
	Comments: Time to saturation is 0.46 sec.									
	9	WASP-69 S TIS/G140M orbit 3 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in WASP-69 STIS/G140M x3 (W3)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[3]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									
	10	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in WASP-69 STIS/G140M x3 (W3)	[==>]	[3]
	11	ACQ/PEAK (STIS.ta.828 016)	(7) WASP-69	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in WASP-69 STIS/G140M x3 (W3)	0.1 Secs (0.1 Secs) [==>]	[4]
	Comments: Time to saturation is 0.46 sec.									
	12	WASP-69 S TIS/G140M orbit 4 (STIS.sp.82 7199)	(7) WASP-69	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in WASP-69 STIS/G140M x3 (W3)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[4]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									

Proposal 14767 - WASP-69 STIS/G140M x3 (W3) - The Panchromatic Comparative Exoplanetary Treasury Program

13	GO-WAVE WAVE CAL	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A		Sequence 11-13 Non -Int in WASP-69 STI S/G140M x3 (W3)	[==>]	[4]
14	ACQ/PEAK (7) WASP-69 (STIS.ta.828 016)	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR		Sequence 14-16 Non -Int in WASP-69 STI S/G140M x3 (W3)	0.1 Secs (0.1 Secs) [==>]	[5]
Comments: Time to saturation is 0.46 sec.							
15	WASP-69 S (7) WASP-69 TIS/G140M orbit 5 (STIS.sp.82 7199)	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO	Sequence 14-16 Non -Int in WASP-69 STI S/G140M x3 (W3)	2150 Secs (2171 Secs) [==>2171.0 Secs]	[5]
Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.							
16	GO-WAVE WAVE CAL	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A		Sequence 14-16 Non -Int in WASP-69 STI S/G140M x3 (W3)	[==>]	[5]

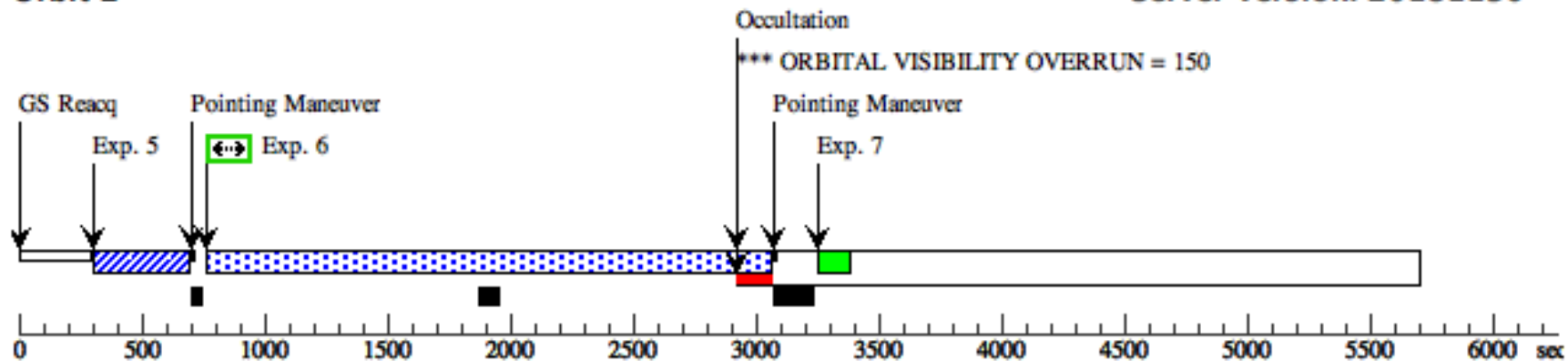
Orbit 1

Server Version: 20181130



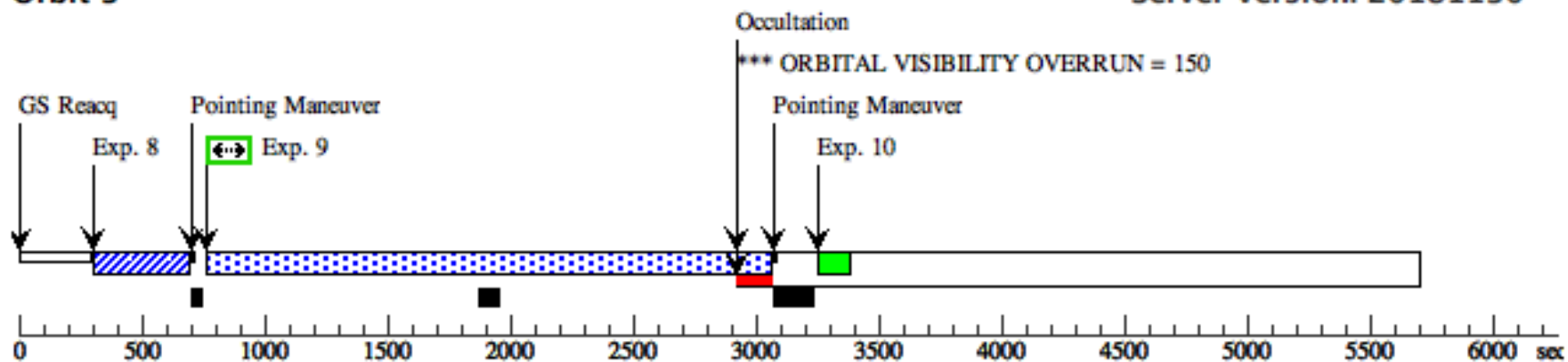
Orbit 2

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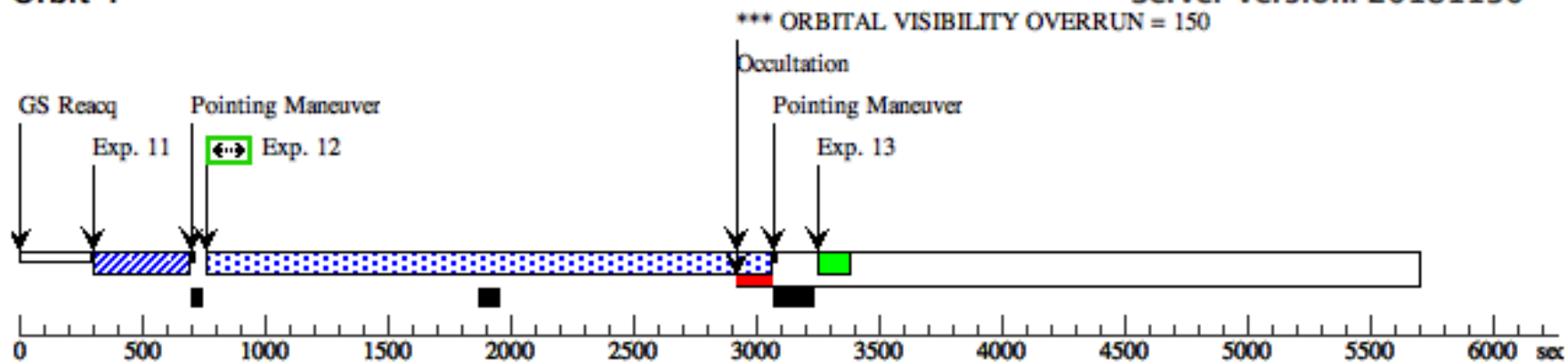
Orbit 3

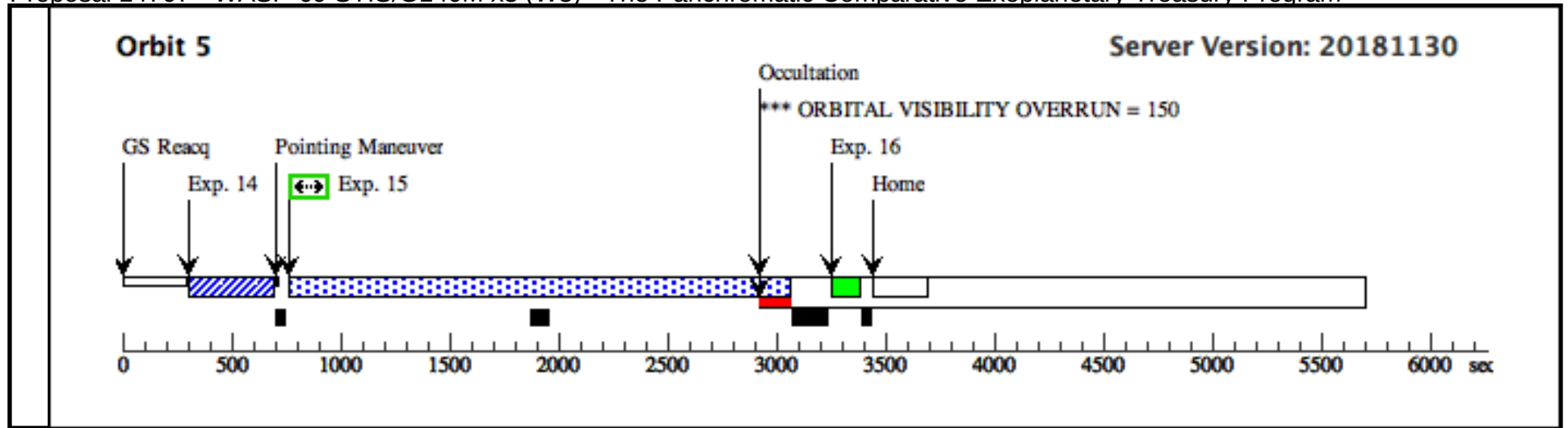
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Orbit 4

Server Version: 20181130





Proposal 14767 - WASP-69 COS/G130M x1 (34) - The Panchromatic Comparative Exoplanetary Treasury Program

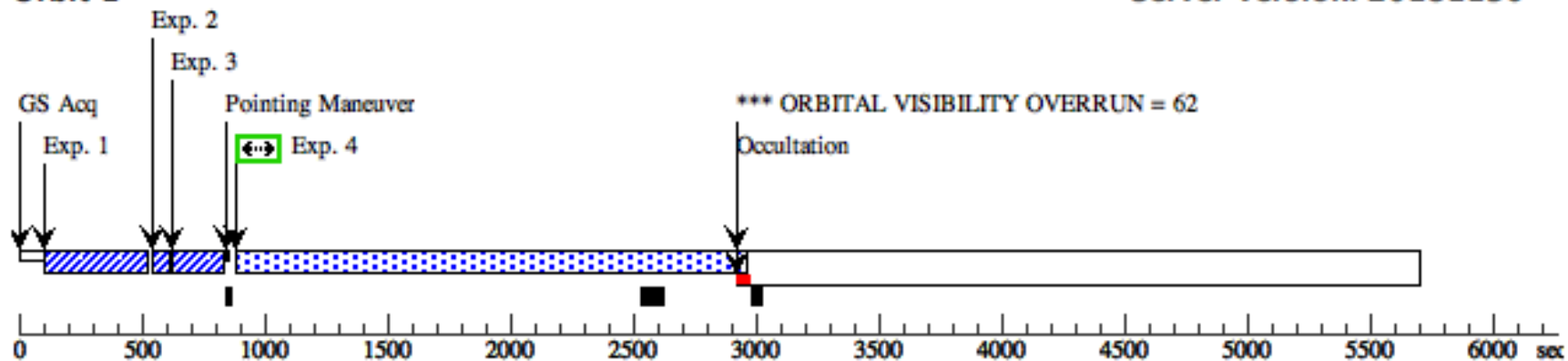
Visit	Proposal 14767, WASP-69 COS/G130M x1 (34), completed Wed Jun 05 15:15:01 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 05-MAY-2017 AND 05-NOV-2017; BETWEEN 05-MAY-2018 AND 05-NOV-2018; Period 3.8681382 D AND ZERO-PHASE HJD2455748.83344 <i>Comments: It is essential that the five orbits be scheduled in a continuous block. Please schedule within +/- 3 months from opposition (Aug 5) to minimize the O I airglow.</i>				
Diagnostics	(WASP-69 COS/G130M x1 (34)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (WASP-69 COS/G130M x1 (34)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 COS/G130M x1 (34)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 COS/G130M x1 (34)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 COS/G130M x1 (34)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 COS/G130M x1 (34)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(7)	WASP-69	RA: 21 00 6.1934 (315.0258058d) Dec: -05 05 40.11 (-5.09447d) Equinox: J2000	Proper Motion RA: 31.5 mas/yr Proper Motion Dec: -93.6 mas/yr Epoch of Position: 2000	V=9.87 Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

Proposal 14767 - WASP-69 COS/G130M x1 (34) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ-SEAR CH (COS.ta.841 404)	(7) WASP-69	COS/NUV, ACQ/SEARCH, PSA	G230L 3000 A	SCAN-SIZE=2; STEP-SIZE=1.767; CENTER=DEF	PHASE 0.9578 TO 0 .9647	Sequence 1-4 Non-In t in WASP-69 COS/ G130M x1 (34)	12 Secs (12 Secs) [==>]	[1]
	2	ACQ-PEAK XD (COS.ta.841 405)	(7) WASP-69	COS/NUV, ACQ/PEAKXD, PSA	G230L 3000 A	STRIPE=MEDIUM		Sequence 1-4 Non-In t in WASP-69 COS/ G130M x1 (34)	12 Secs (12 Secs) [==>]	[1]
	3	ACQ-PEAK D (COS.ta.841 404)	(7) WASP-69	COS/NUV, ACQ/PEAKD, PSA	G230L 3000 A	NUM-POS=5; STEP-SIZE=0.9; CENTER=FLUX-W T-FLR		Sequence 1-4 Non-In t in WASP-69 COS/ G130M x1 (34)	12 Secs (12 Secs) [==>]	[1]
	4	WASP-69 C OS/G130M Orbit 1 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1; LIFETIME-POS=L P3		Sequence 1-4 Non-In t in WASP-69 COS/ G130M x1 (34)	2220 Secs (1917 Secs) [==>1917.0 Secs]	[1]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	5	WASP-69 C OS/G130M Orbit 2 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1; LIFETIME-POS=L P3			2680 Secs (2706 Secs) [==>2706.0 Secs]	[2]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	6	WASP-69 C OS/G130M Orbit 3 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1; LIFETIME-POS=L P3			2680 Secs (2706 Secs) [==>2706.0 Secs]	[3]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	7	WASP-69 C OS/G130M Orbit 4 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1; LIFETIME-POS=L P3			2680 Secs (2706 Secs) [==>2706.0 Secs]	[4]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	8	WASP-69 C OS/G130M Orbit 5 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1; LIFETIME-POS=L P3			2680 Secs (2706 Secs) [==>2706.0 Secs]	[5]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									

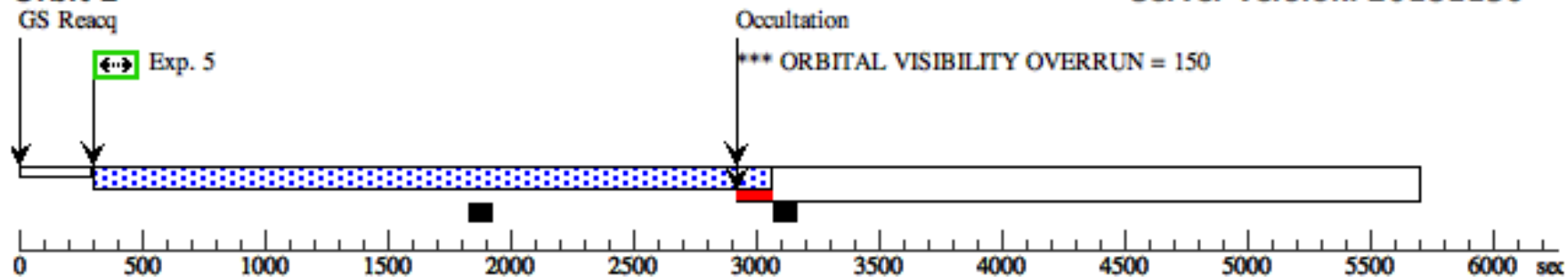
Orbit 1

Server Version: 20181130



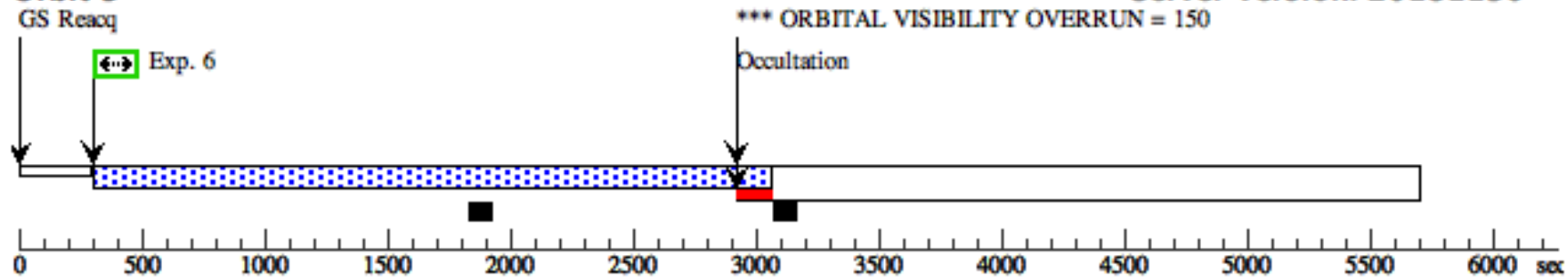
Orbit 2

Server Version: 20181130



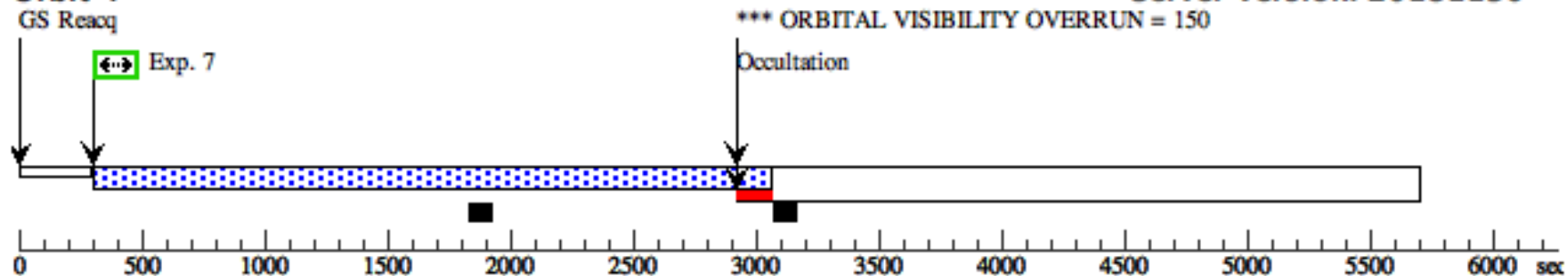
Orbit 3

Server Version: 20181130



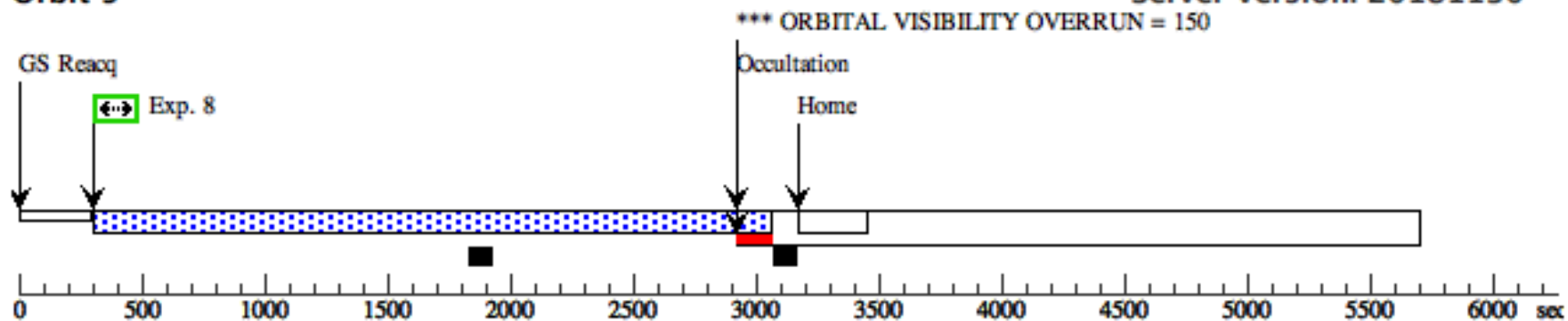
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - WASP-69 COS/G130M x2 (35) - The Panchromatic Comparative Exoplanetary Treasury Program

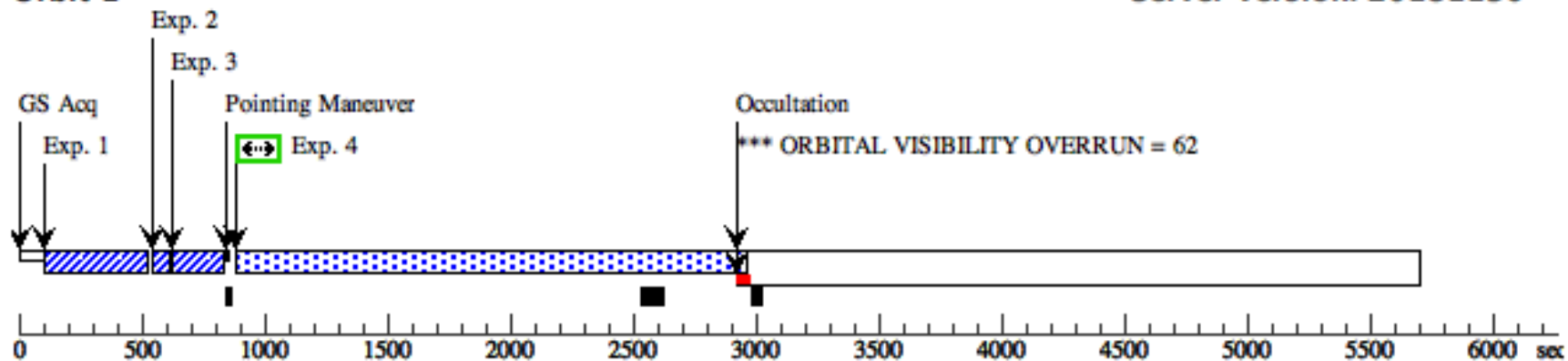
Visit	Proposal 14767, WASP-69 COS/G130M x2 (35), completed Wed Jun 05 15:15:01 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 05-MAY-2017 AND 05-NOV-2017; BETWEEN 05-MAY-2018 AND 05-NOV-2018; Period 3.8681382 D AND ZERO-PHASE HJD2455748.83344 <i>Comments: It is essential that the five orbits be scheduled in a continuous block. Please schedule within +/- 3 months from opposition (Aug 5) to minimize the O I airglow.</i>				
Diagnostics	(WASP-69 COS/G130M x2 (35)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (WASP-69 COS/G130M x2 (35)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 COS/G130M x2 (35)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 COS/G130M x2 (35)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 COS/G130M x2 (35)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 COS/G130M x2 (35)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(7)	WASP-69	RA: 21 00 6.1934 (315.0258058d) Dec: -05 05 40.11 (-5.09447d) Equinox: J2000	Proper Motion RA: 31.5 mas/yr Proper Motion Dec: -93.6 mas/yr Epoch of Position: 2000	V=9.87 Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

Proposal 14767 - WASP-69 COS/G130M x2 (35) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ-SEAR CH (COS.ta.841 404)	(7) WASP-69	COS/NUV, ACQ/SEARCH, PSA	G230L 3000 A	SCAN-SIZE=2; STEP-SIZE=1.767; CENTER=DEF	PHASE 0.9578 TO 0 .9647	Sequence 1-4 Non-In t in WASP-69 COS/ G130M x2 (35)	12 Secs (12 Secs) [==>]	[1]
	2	ACQ-PEAK XD (COS.ta.841 405)	(7) WASP-69	COS/NUV, ACQ/PEAKXD, PSA	G230L 3000 A	STRIPE=MEDIUM		Sequence 1-4 Non-In t in WASP-69 COS/ G130M x2 (35)	12 Secs (12 Secs) [==>]	[1]
	3	ACQ-PEAK D (COS.ta.841 404)	(7) WASP-69	COS/NUV, ACQ/PEAKD, PSA	G230L 3000 A	NUM-POS=5; STEP-SIZE=0.9; CENTER=FLUX-W T-FLR		Sequence 1-4 Non-In t in WASP-69 COS/ G130M x2 (35)	12 Secs (12 Secs) [==>]	[1]
	4	WASP-69 C OS/G130M Orbit 1 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2; LIFETIME-POS=L P3		Sequence 1-4 Non-In t in WASP-69 COS/ G130M x2 (35)	2220 Secs (1917 Secs) [==>1917.0 Secs]	[1]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	5	WASP-69 C OS/G130M Orbit 2 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2; LIFETIME-POS=L P3			2680 Secs (2706 Secs) [==>2706.0 Secs]	[2]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	6	WASP-69 C OS/G130M Orbit 3 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2; LIFETIME-POS=L P3			2680 Secs (2706 Secs) [==>2706.0 Secs]	[3]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	7	WASP-69 C OS/G130M Orbit 4 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2; LIFETIME-POS=L P3			2680 Secs (2706 Secs) [==>2706.0 Secs]	[4]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	8	WASP-69 C OS/G130M Orbit 5 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=2; LIFETIME-POS=L P3			2680 Secs (2706 Secs) [==>2706.0 Secs]	[5]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									

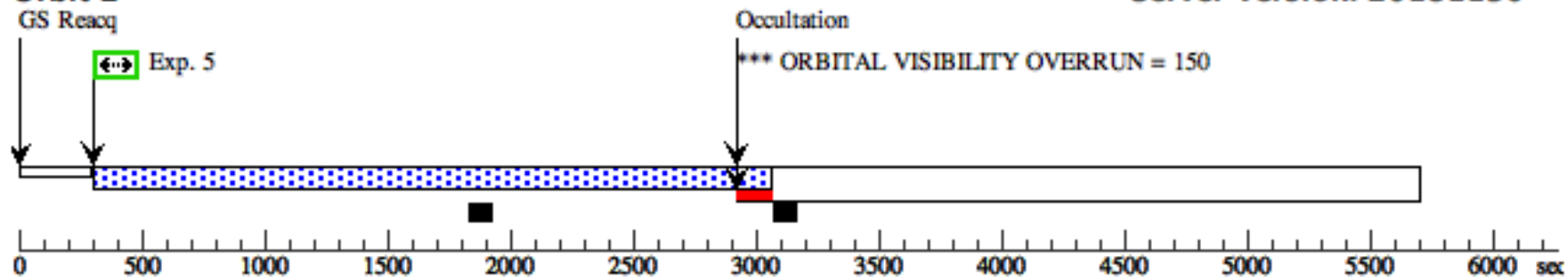
Orbit 1

Server Version: 20181130



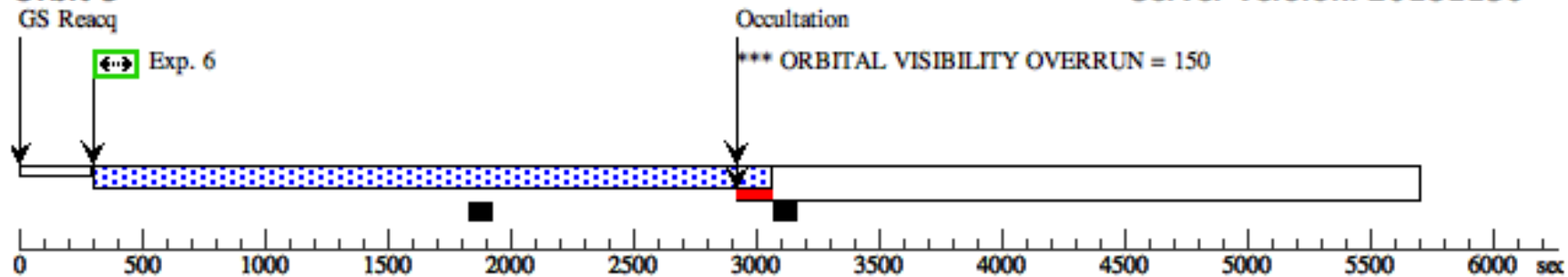
Orbit 2

Server Version: 20181130



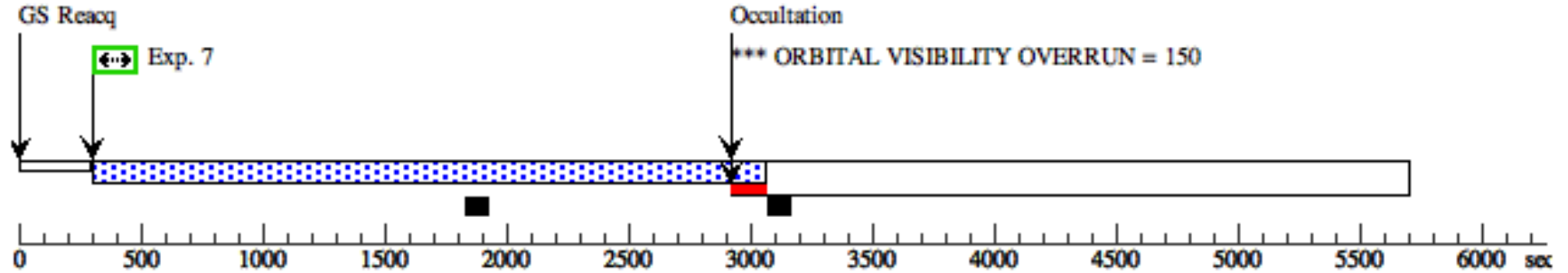
Orbit 3

Server Version: 20181130



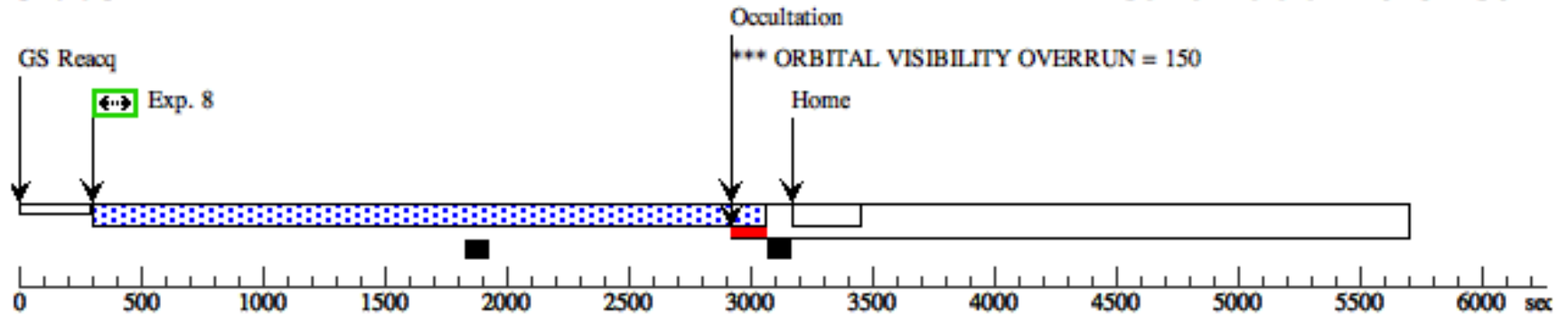
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - WASP-69 COS/G130M x3 (36) - The Panchromatic Comparative Exoplanetary Treasury Program

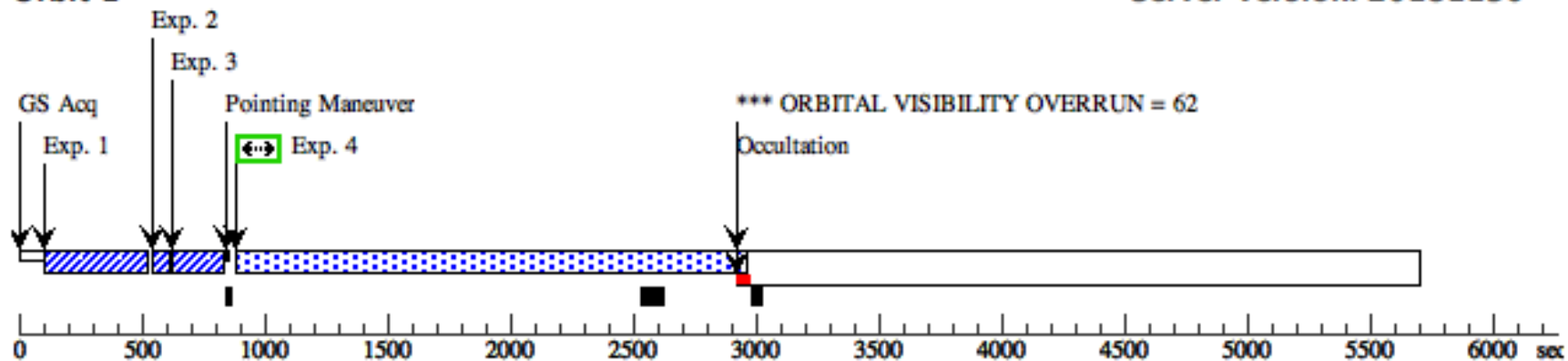
Visit	Proposal 14767, WASP-69 COS/G130M x3 (36), completed Wed Jun 05 15:15:01 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 05-MAY-2017 AND 05-NOV-2017; BETWEEN 05-MAY-2018 AND 05-NOV-2018; Period 3.8681382 D AND ZERO-PHASE HJD2455748.83344 <i>Comments: It is essential that the five orbits be scheduled in a continuous block. Please schedule within +/- 3 months from opposition (Aug 5) to minimize the O I airglow.</i>				
Diagnostics	(WASP-69 COS/G130M x3 (36)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (WASP-69 COS/G130M x3 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 COS/G130M x3 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 COS/G130M x3 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 COS/G130M x3 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-69 COS/G130M x3 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(7)	WASP-69	RA: 21 00 6.1934 (315.0258058d) Dec: -05 05 40.11 (-5.09447d) Equinox: J2000	Proper Motion RA: 31.5 mas/yr Proper Motion Dec: -93.6 mas/yr Epoch of Position: 2000	V=9.87 Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

Proposal 14767 - WASP-69 COS/G130M x3 (36) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ-SEAR CH (COS.ta.841 404)	(7) WASP-69	COS/NUV, ACQ/SEARCH, PSA	G230L 3000 A	SCAN-SIZE=2; STEP-SIZE=1.767; CENTER=DEF	PHASE 0.9578 TO 0 .9647	Sequence 1-4 Non-In t in WASP-69 COS/ G130M x3 (36)	12 Secs (12 Secs) [==>]	[1]
	2	ACQ-PEAK XD (COS.ta.841 405)	(7) WASP-69	COS/NUV, ACQ/PEAKXD, PSA	G230L 3000 A	STRIPE=MEDIUM		Sequence 1-4 Non-In t in WASP-69 COS/ G130M x3 (36)	12 Secs (12 Secs) [==>]	[1]
	3	ACQ-PEAK D (COS.ta.841 404)	(7) WASP-69	COS/NUV, ACQ/PEAKD, PSA	G230L 3000 A	NUM-POS=5; STEP-SIZE=0.9; CENTER=FLUX-W T-FLR		Sequence 1-4 Non-In t in WASP-69 COS/ G130M x3 (36)	12 Secs (12 Secs) [==>]	[1]
	4	WASP-69 C OS/G130M Orbit 1 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=3; LIFETIME-POS=L P3		Sequence 1-4 Non-In t in WASP-69 COS/ G130M x3 (36)	2220 Secs (1917 Secs) [==>1917.0 Secs]	[1]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	5	WASP-69 C OS/G130M Orbit 2 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=3; LIFETIME-POS=L P3			2680 Secs (2706 Secs) [==>2706.0 Secs]	[2]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	6	WASP-69 C OS/G130M Orbit 3 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=3; LIFETIME-POS=L P3			2680 Secs (2706 Secs) [==>2706.0 Secs]	[3]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	7	WASP-69 C OS/G130M Orbit 4 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=3; LIFETIME-POS=L P3			2680 Secs (2706 Secs) [==>2706.0 Secs]	[4]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	8	WASP-69 C OS/G130M Orbit 5 (COS.sp.827 195)	(7) WASP-69	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=3; LIFETIME-POS=L P3			2680 Secs (2706 Secs) [==>2706.0 Secs]	[5]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									

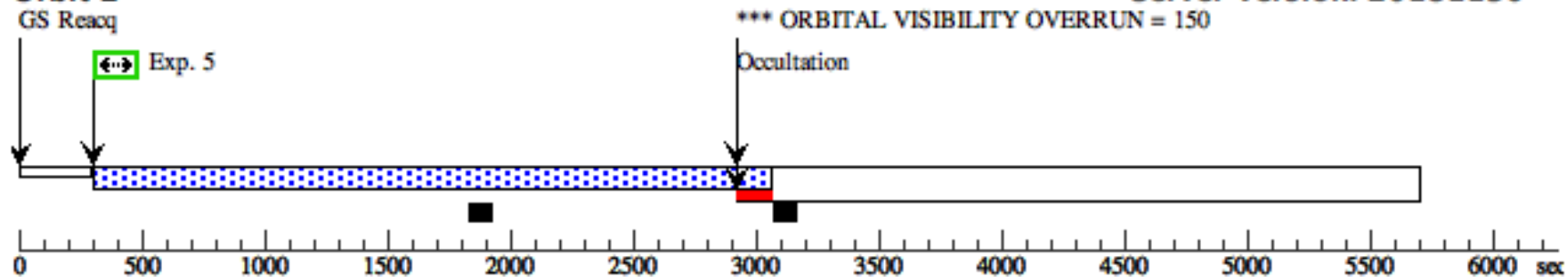
Orbit 1

Server Version: 20181130



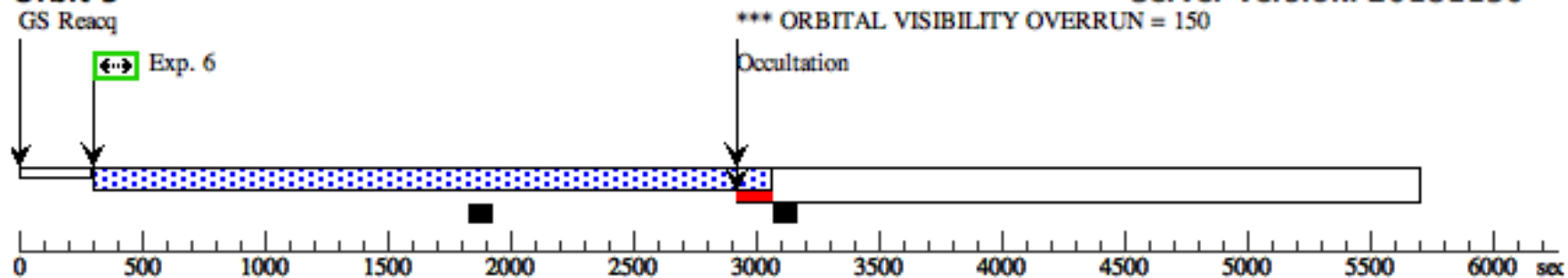
Orbit 2

Server Version: 20181130



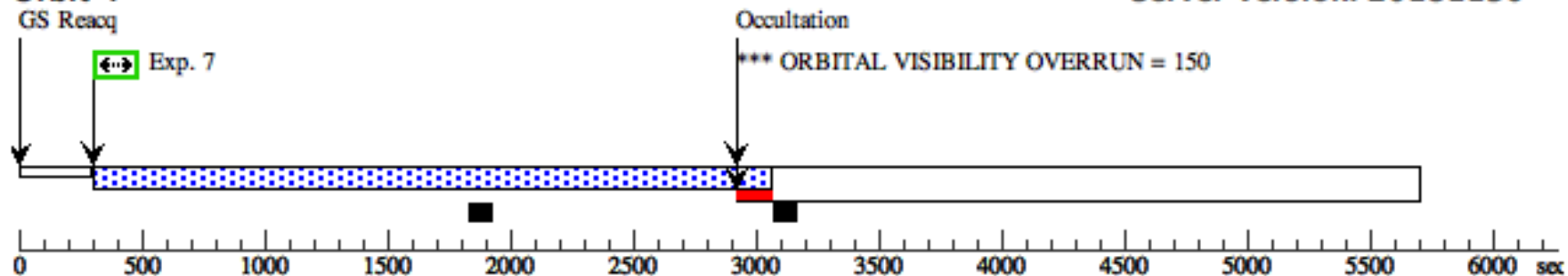
Orbit 3

Server Version: 20181130



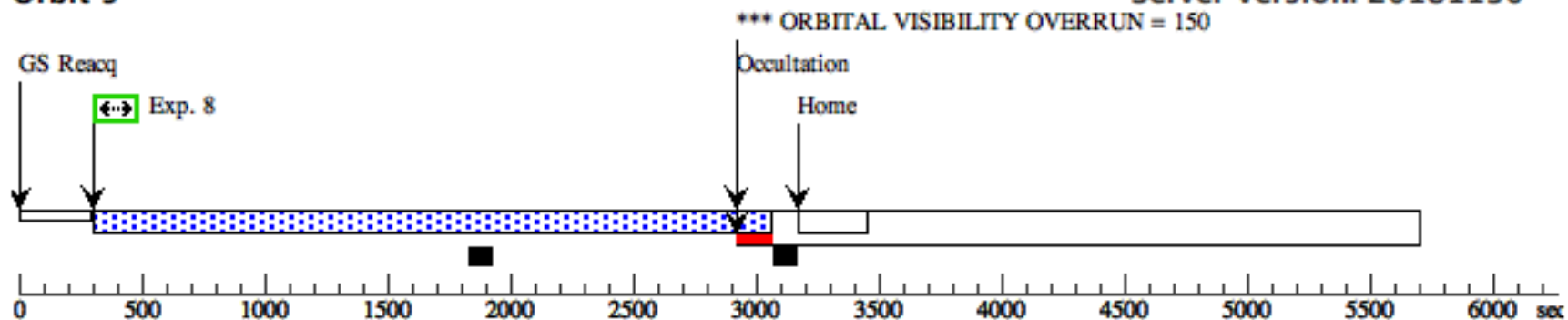
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - WASP-69 G430L (37) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-69 G430L (37), completed	Wed Jun 05 15:15:01 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 3.8681382 D AND ZERO-PHASE HJD2455748.83344	
	Comments: It is essential that the four orbits be scheduled in a continuous block.	

Proposal 14767 - WASP-69 G430L (37) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-69 G430L (37) - The Panchromatic Comparative Exoplanetary Treasury Program

(WASP-69 G430L (37)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
(WASP-69 G430L (37)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
(WASP-69 G430L (37)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	WASP-69	RA: 21 00 6.1934 (315.0258058d)	Proper Motion RA: 31.5 mas/yr	V=9.87	Reference Frame: ICRS
			Dec: -05 05 40.11 (-5.09447d)	Proper Motion Dec: -93.6 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - WASP-69 G430L (37) - The Panchromatic Comparative Exoplanetary Treasury Program

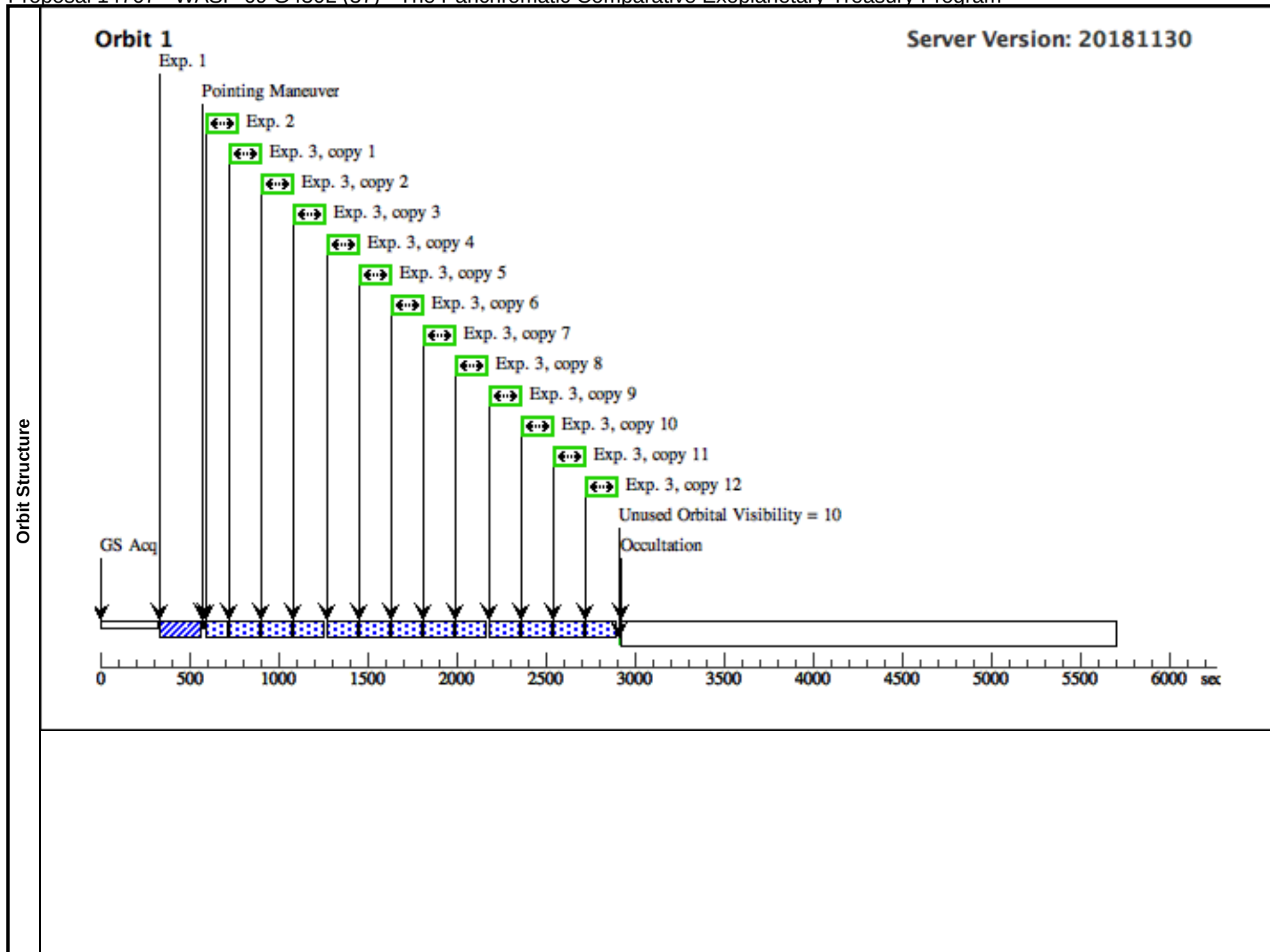
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5277)	(7) WASP-69	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.959 TO 0.9635	Sequence 1-3 Non-Int in WASP-69 G430L (37)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.24 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.87, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	WASP-69 G 430L Orbit 1	(7) WASP-69	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-69 G430L (37)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-69 G 430L Orbit 1 (STIS.sp.82 1741)	(7) WASP-69	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-69 G430L (37)	161 Secs X 12 (1932 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	4	WASP-69 G 430L Orbit 2	(7) WASP-69	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-69 G430L (37)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-69 G 430L Orbit 2 (STIS.sp.82 1741)	(7) WASP-69	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-69 G430L (37)	161 Secs X 15 (2415 Secs) [==>(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)]	[2]

Proposal 14767 - WASP-69 G430L (37) - The Panchromatic Comparative Exoplanetary Treasury Program

6	WASP-69 G (7) WASP-69 430L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-69 G430 L (37)	1 Secs (1 Secs)	[3]
						[==>]	
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							
7	WASP-69 G (7) WASP-69 430L Orbit 3 (STIS.sp.82 1741)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-69 G430 L (37)	161 Secs X 15 (2415 Secs)	[3]
						[==>(Copy 1)]	
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						[==>(Copy 5)]	
						[==>(Copy 6)]	
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						[==>(Copy 8)]	
						[==>(Copy 9)]	
						[==>(Copy 10)]	
						[==>(Copy 11)]	
						[==>(Copy 12)]	
						[==>(Copy 13)]	
						[==>(Copy 14)]	
						[==>(Copy 15)]	
8	WASP-69 G (7) WASP-69 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-10 Non-Int in WASP-69 G430 L (37)	1 Secs (1 Secs)	[4]
						[==>]	
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							
9	WASP-69 G (7) WASP-69 430L Orbit 4 (STIS.sp.82 1741)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-10 Non-Int in WASP-69 G430 L (37)	161 Secs X 15 (2415 Secs)	[4]
						[==>(Copy 1)]	
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						[==>(Copy 11)]	
						[==>(Copy 12)]	
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Proposal 14767 - WASP-69 G430L (37) - The Panchromatic Comparative Exoplanetary Treasury Program

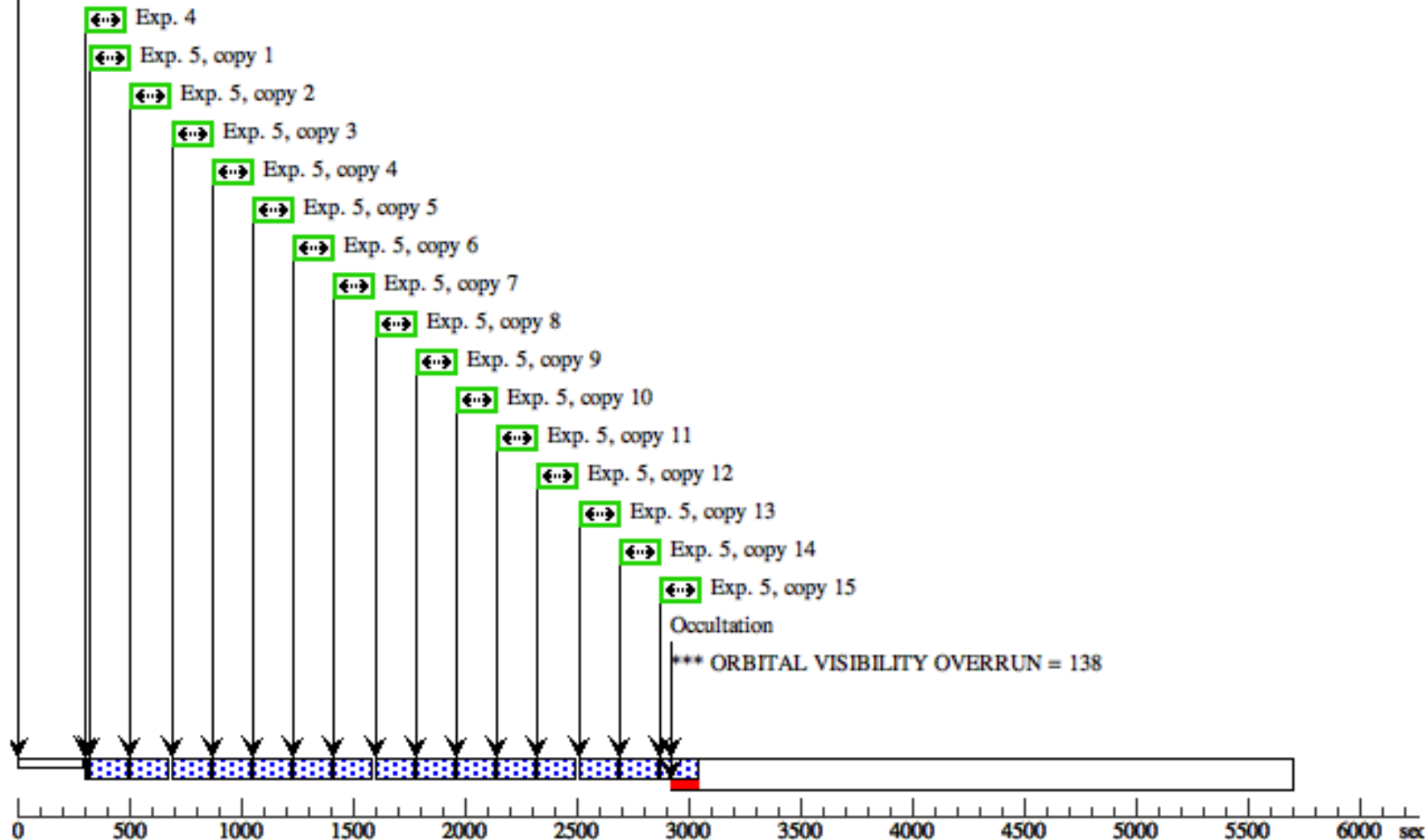
10	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	Sequence 8-10 Non-Int in WASP-69 G430L (37)	[==>]	[4]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle							



Orbit 2

GS Reacq

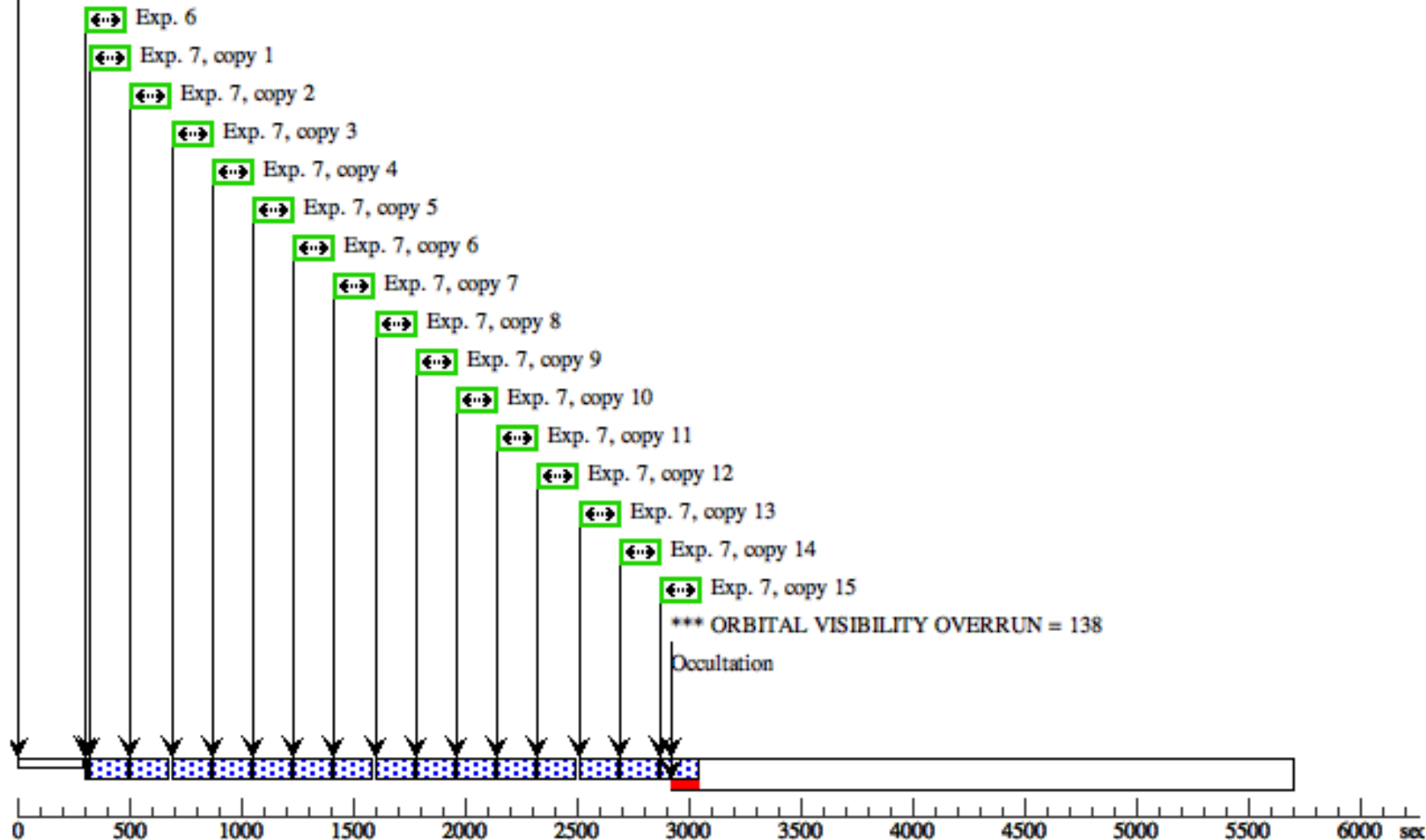
Server Version: 20181130

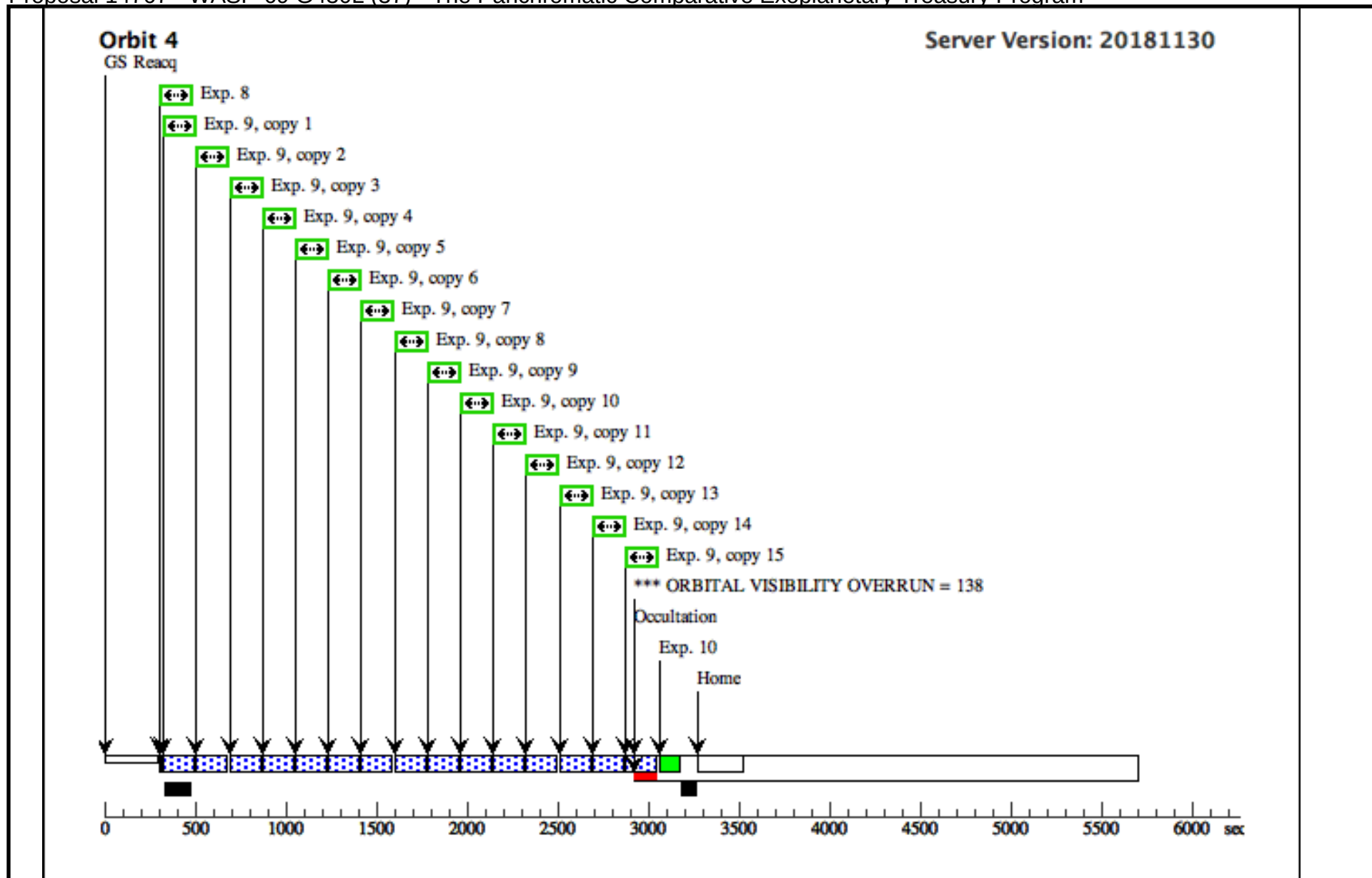


Orbit 3

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-69 G430L x2 (38) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-69 G430L x2 (38), completed	Wed Jun 05 15:15:01 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 3.8681382 D AND ZERO-PHASE HJD2455748.83344	
	Comments: It is essential that the four orbits be scheduled in a continuous block.	

Proposal 14767 - WASP-69 G430L x2 (38) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-69 G430L x2 (38) - The Panchromatic Comparative Exoplanetary Treasury Program

(WASP-69 G430L x2 (38)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
(WASP-69 G430L x2 (38)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
(WASP-69 G430L x2 (38)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	WASP-69	RA: 21 00 6.1934 (315.0258058d)	Proper Motion RA: 31.5 mas/yr	V=9.87	Reference Frame: ICRS
			Dec: -05 05 40.11 (-5.09447d)	Proper Motion Dec: -93.6 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - WASP-69 G430L x2 (38) - The Panchromatic Comparative Exoplanetary Treasury Program

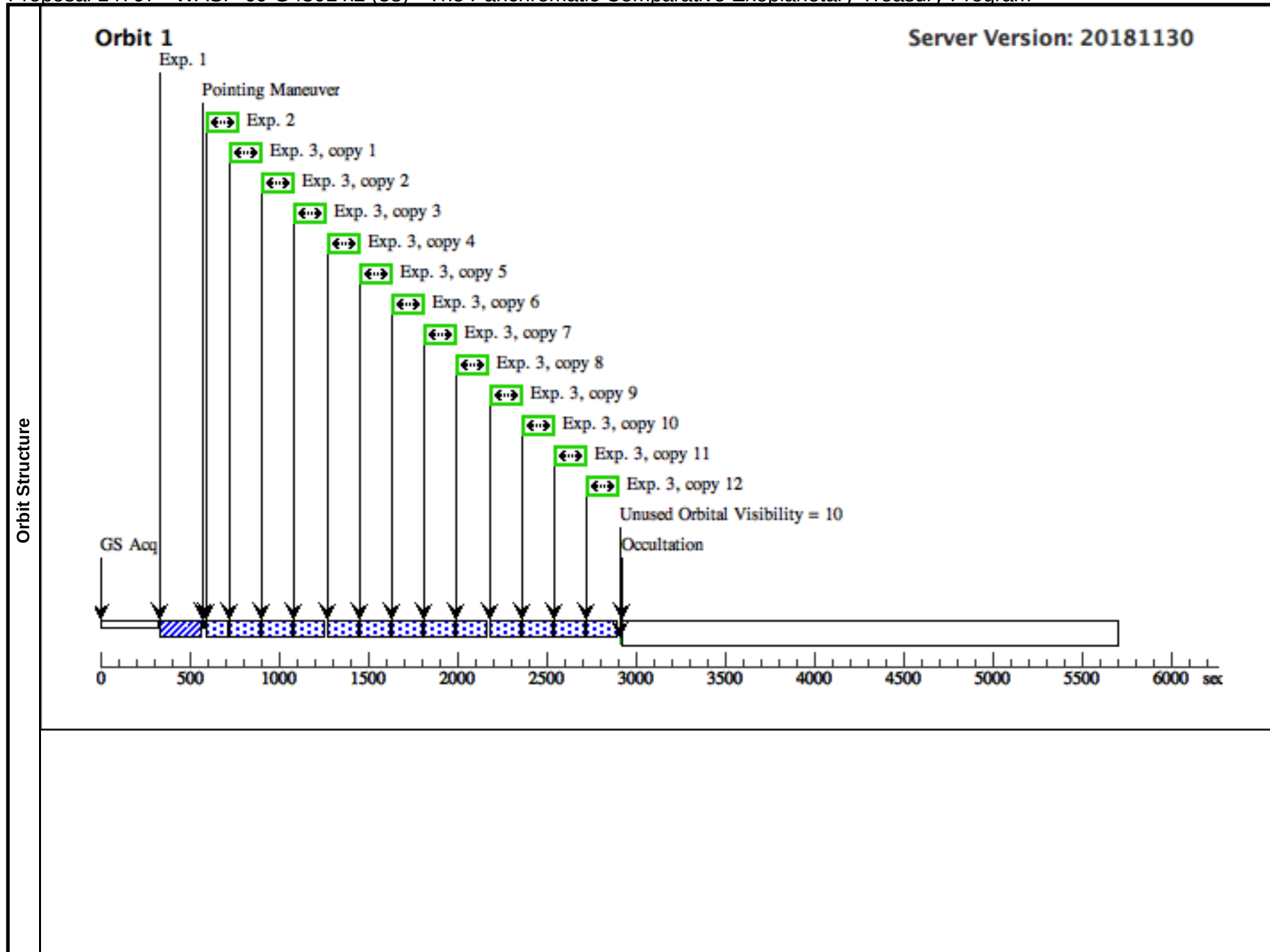
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ, phase constrained (STIS.im.82 5277)	(7) WASP-69	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.959 TO 0.9635	Sequence 1-3 Non-Int in WASP-69 G430L x2 (38)	0.1 Secs (0.1 Secs)	[==>]	[1]
	Comments: Saturation is calculated at 0.24 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.87, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).										
	2	WASP-69 G 430L Orbit 1	(7) WASP-69	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-69 G430L x2 (38)	1 Secs (1 Secs)	[==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.										
	3	WASP-69 G 430L Orbit 1 (STIS.sp.82 1741)	(7) WASP-69	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-69 G430L x2 (38)	161 Secs X 12 (1932 Secs)	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	4	WASP-69 G 430L Orbit 2	(7) WASP-69	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-69 G430L x2 (38)	1 Secs (1 Secs)	[==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.										
	5	WASP-69 G 430L Orbit 2 (STIS.sp.82 1741)	(7) WASP-69	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-69 G430L x2 (38)	161 Secs X 15 (2415 Secs)	[==>(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)]	[2]

Proposal 14767 - WASP-69 G430L x2 (38) - The Panchromatic Comparative Exoplanetary Treasury Program

6	WASP-69 G (7) WASP-69 430L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-69 G430L x2 (38)	1 Secs (1 Secs)	[3]
						[==>]	
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							
7	WASP-69 G (7) WASP-69 430L Orbit 3 (STIS.sp.82 1741)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-69 G430L x2 (38)	161 Secs X 15 (2415 Secs)	[3]
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8	WASP-69 G (7) WASP-69 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-10 Non-Int in WASP-69 G430L x2 (38)	1 Secs (1 Secs)	[4]
						[==>]	
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							
9	WASP-69 G (7) WASP-69 430L Orbit 4 (STIS.sp.82 1741)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-10 Non-Int in WASP-69 G430L x2 (38)	161 Secs X 15 (2415 Secs)	[4]
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Proposal 14767 - WASP-69 G430L x2 (38) - The Panchromatic Comparative Exoplanetary Treasury Program

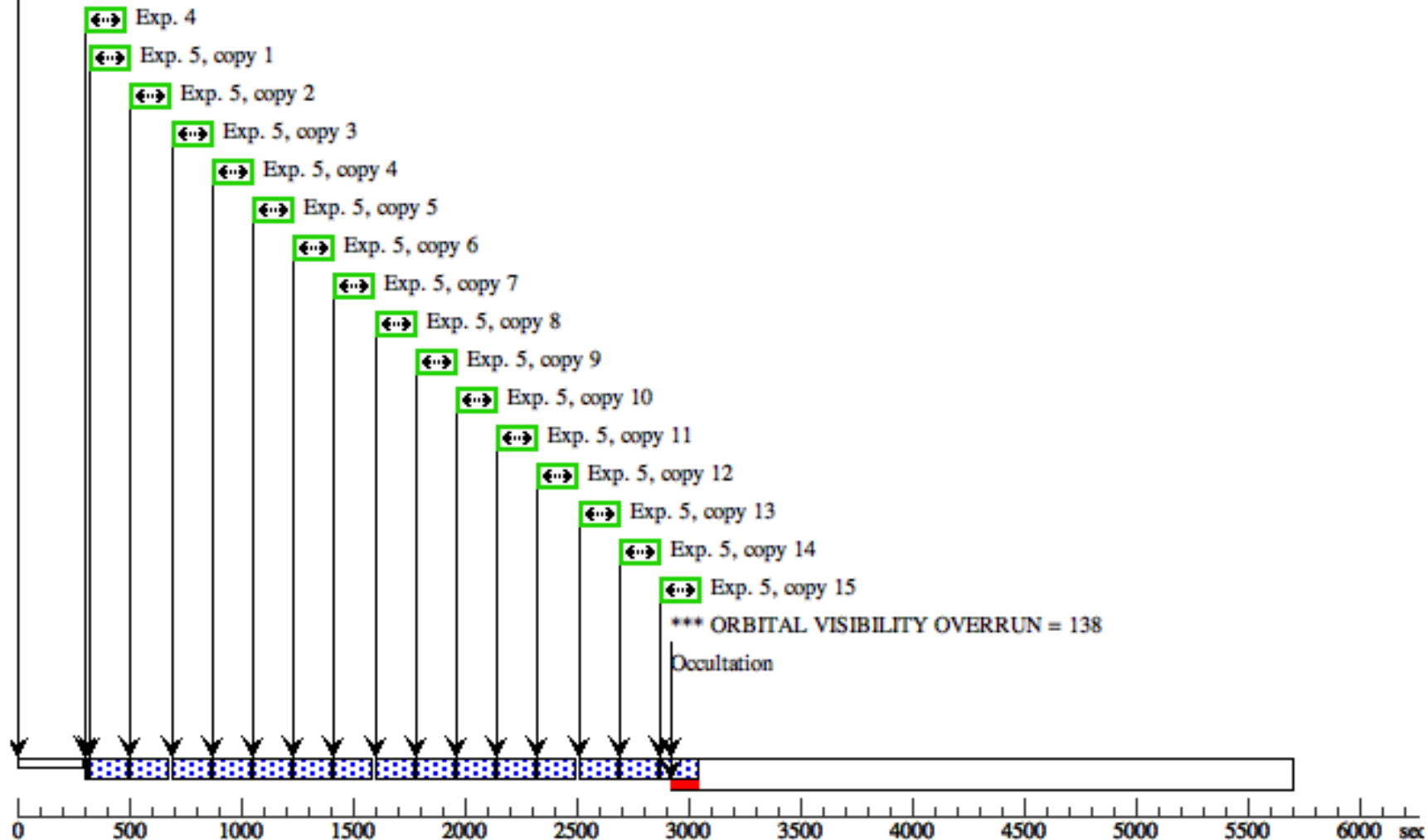
10	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	Sequence 8-10 Non-Int in WASP-69 G430L x2 (38)	[==>]	[4]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle							



Orbit 2

GS Reacq

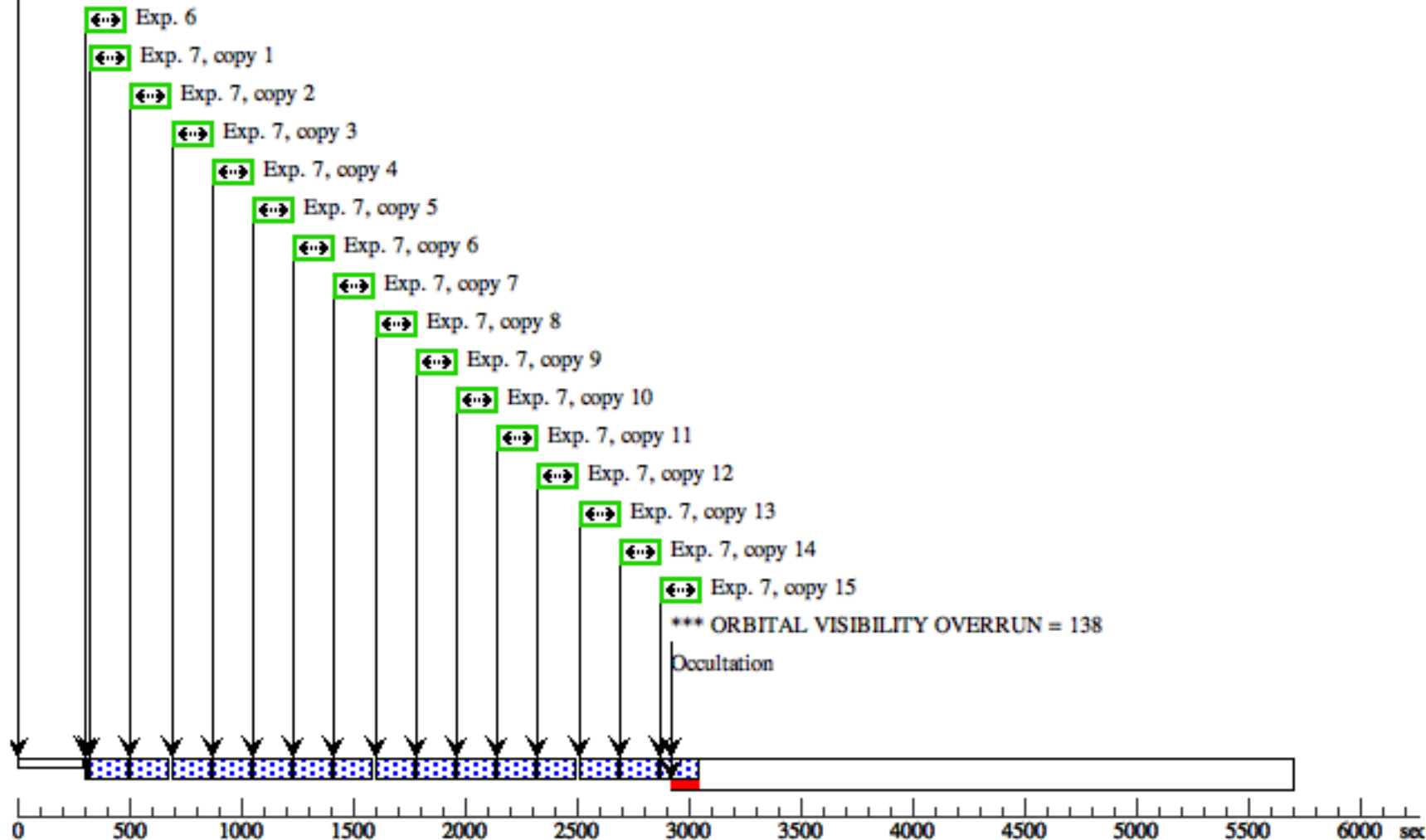
Server Version: 20181130

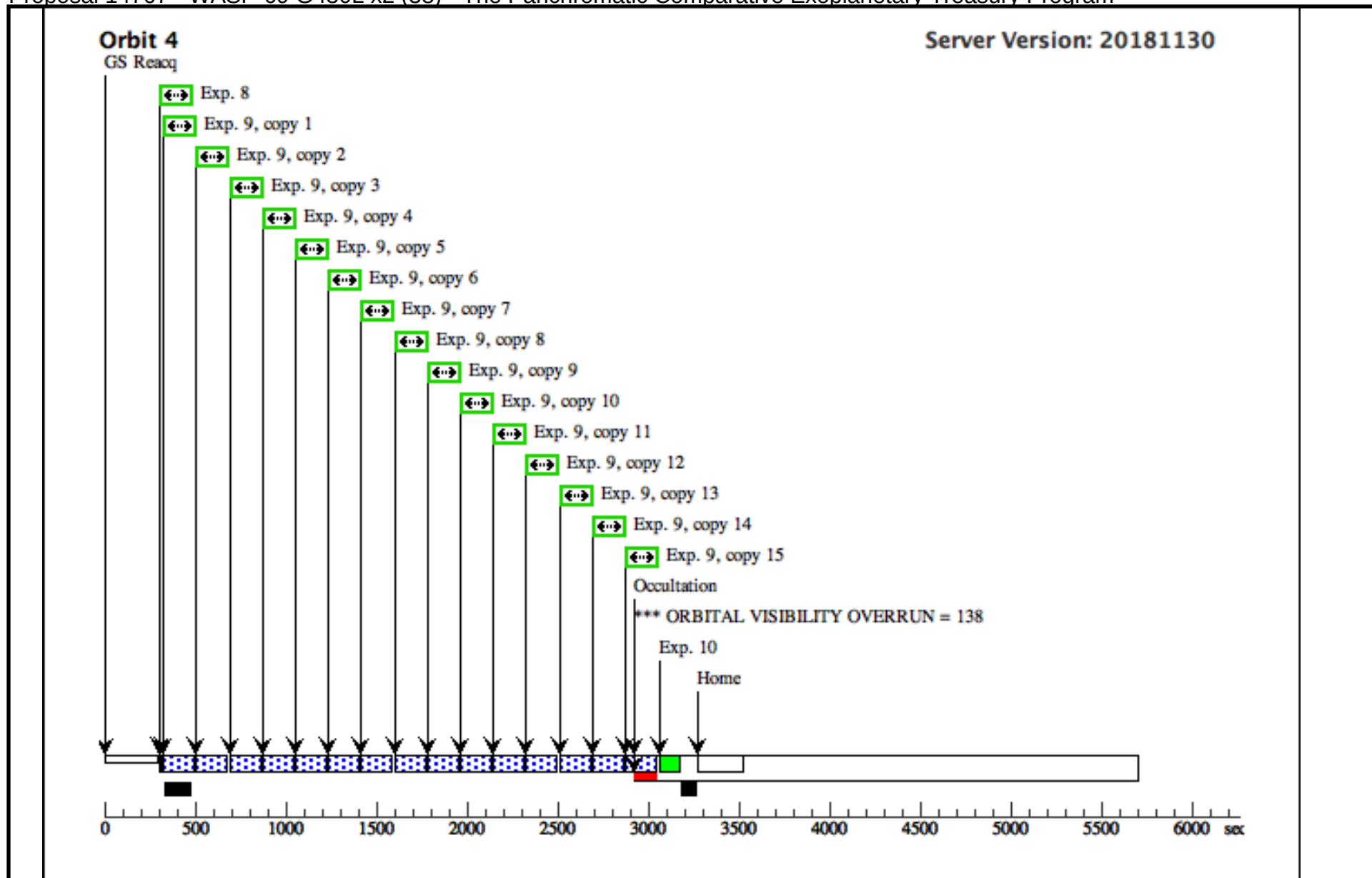


Orbit 3

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-69 G750L (39) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-69 G750L (39), completed	Wed Jun 05 15:15:01 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 3.8681382 D AND ZERO-PHASE HJD2455748.83344	
	Comments: It is essential that the four orbits be scheduled in a continuous block.	

[illegible]

Proposal 14767 - WASP-69 G750L (39) - The Panchromatic Comparative Exoplanetary Treasury Program

	(WASP-69 G750L (39)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-69 G750L (39)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-69 G750L (39)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-69 G750L (39)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-69 G750L (39)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(7)	WASP-69	RA: 21 00 6.1934 (315.0258058d)	Proper Motion RA: 31.5 mas/yr	V=9.87
			Dec: -05 05 40.11 (-5.09447d)	Proper Motion Dec: -93.6 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

Proposal 14767 - WASP-69 G750L (39) - The Panchromatic Comparative Exoplanetary Treasury Program

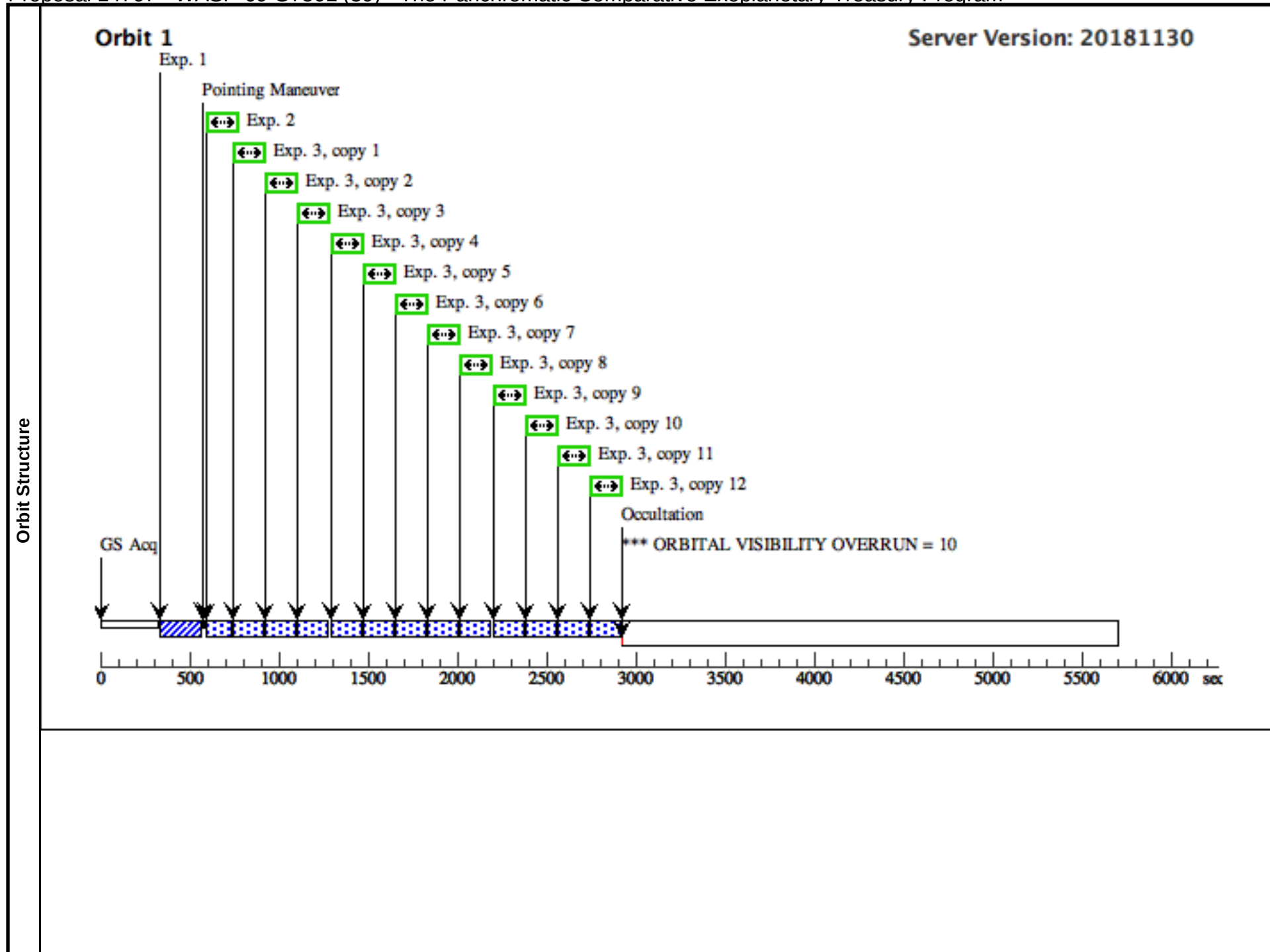
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5277)	(7) WASP-69	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.959 TO 0.9635	Sequence 1-3 Non-Int in WASP-69 G750L (39)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.24 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.87, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	WASP-69 G 750L Orbit 1	(7) WASP-69	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-69 G750L (39)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-69 G 750L Orbit 1 (STIS.sp.82 1743)	(7) WASP-69	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-69 G750L (39)	161 Secs X 12 (1932 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	Comments: Exposure will saturate at the brightest pixel by 1.6x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.6x oversaturation at the brightest pixel. Photon-limited precisions of 300 ppm per resolution element, per HST orbit are expected.									
	4	WASP-69 G 750L Orbit 2	(7) WASP-69	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-69 G750L (39)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-69 G750L (39) - The Panchromatic Comparative Exoplanetary Treasury Program

5	WASP-69 G (7) WASP-69 750L Orbit 2 (STIS.sp.82 1743)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 4-5 Non-In t in WASP-69 G750 L (39)	161 Secs X 15 (2415 Secs) [==>(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)]	[2]
Comments: Exposure will saturate at the brightest pixel by 1.6x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.6x oversaturation at the brightest pixel. Photon-limited precisions of 300 ppm per resolution element, per HST orbit are expected.							
6	WASP-69 G (7) WASP-69 750L Orbit 3	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-In t in WASP-69 G750 L (39)	1 Secs (1 Secs) [==>]	[3]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							
7	WASP-69 G (7) WASP-69 750L Orbit 3 (STIS.sp.82 1743)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-In t in WASP-69 G750 L (39)	161 Secs X 15 (2415 Secs) [==>(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)]	[3]
Comments: Exposure will saturate at the brightest pixel by 1.6x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.6x oversaturation at the brightest pixel. Photon-limited precisions of 300 ppm per resolution element, per HST orbit are expected.							

Proposal 14767 - WASP-69 G750L (39) - The Panchromatic Comparative Exoplanetary Treasury Program

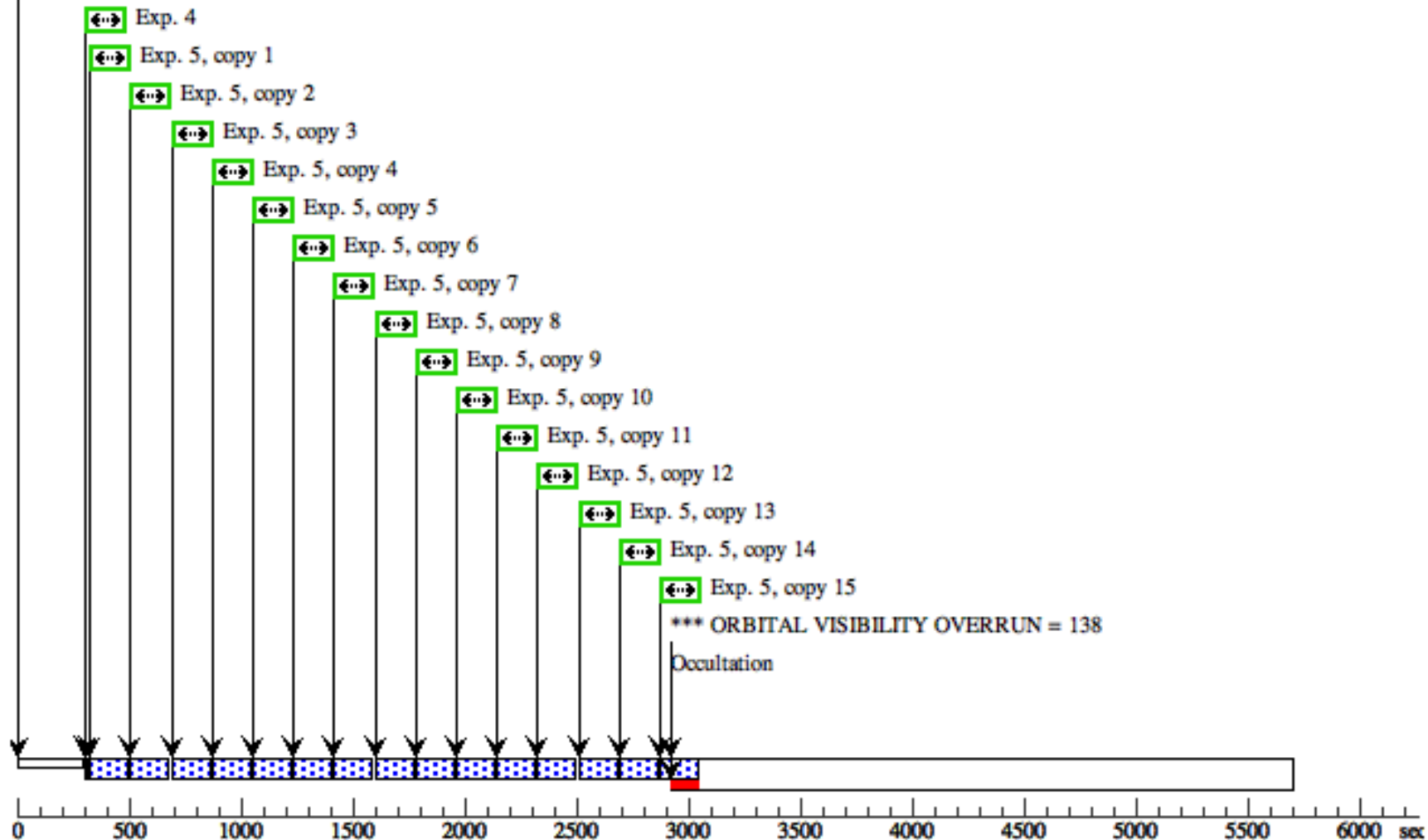
8	WASP-69 G (7) WASP-69 750L Orbit 4	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-12 Non-I nt in WASP-69 G75 0L (39)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-69 G (7) WASP-69 750L Orbit 4 (STIS.sp.82 1743)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-12 Non-I nt in WASP-69 G75 0L (39)	161 Secs X 15 (2415 Secs) [==>(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)]	[4]
<i>Comments: Exposure will saturate at the brightest pixel by 1.6x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.6x oversaturation at the brightest pixel. Photon-limited precisions of 300 ppm per resolution element, per HST orbit are expected.</i>							
10	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		Sequence 8-12 Non-I nt in WASP-69 G75 0L (39)	[==>]	[4]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>							
11	Flat CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		Sequence 8-12 Non-I nt in WASP-69 G75 0L (39)	[==>(Copy 1)] [==>(Copy 2)]	[4]
12	Tungsten La NONE mp	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	Sequence 8-12 Non-I nt in WASP-69 G75 0L (39)	240 Secs X 4 (960 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[4]
<i>Comments: Expected peak count level = 50,000 e-</i>							



Orbit 2

GS Reacq

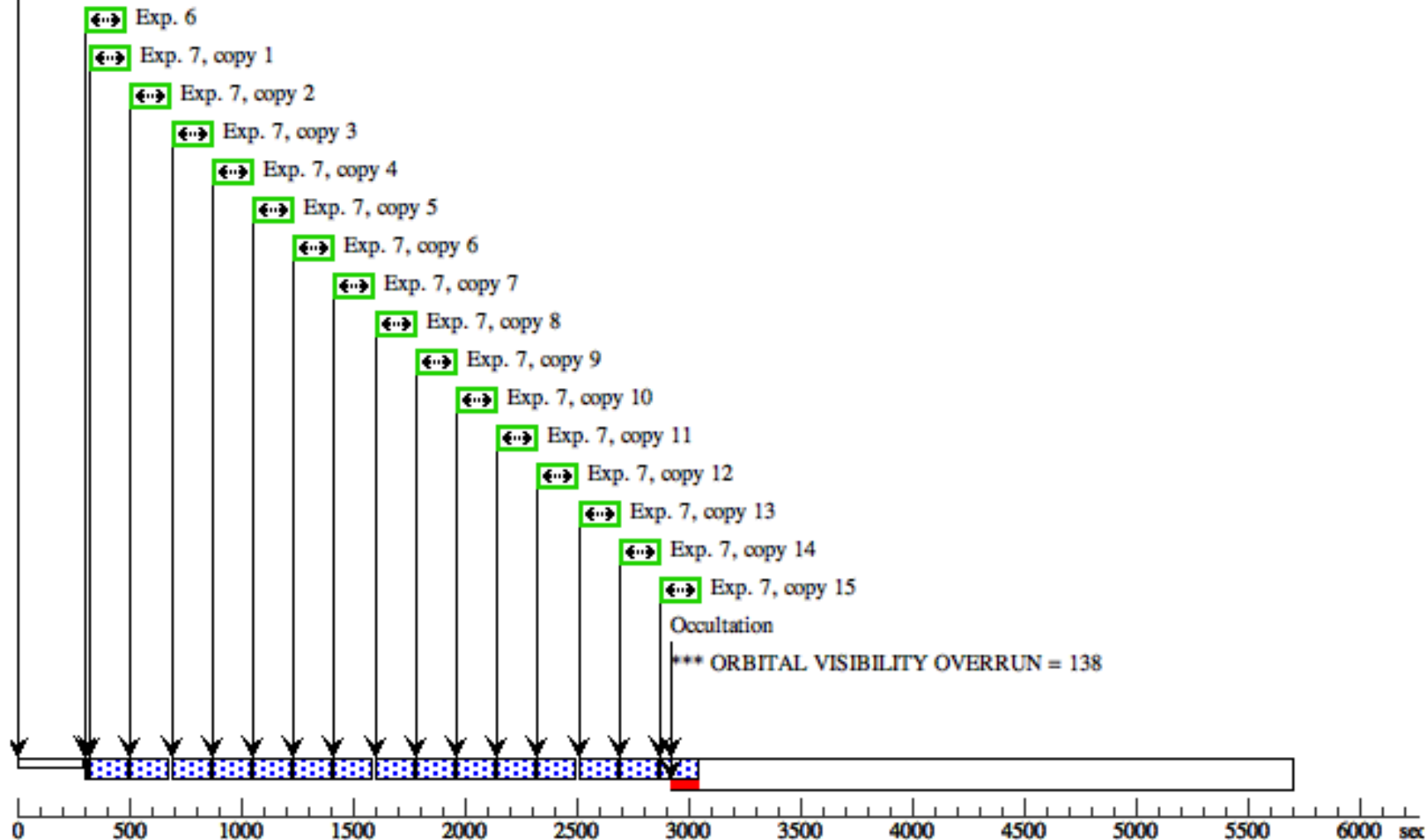
Server Version: 20181130

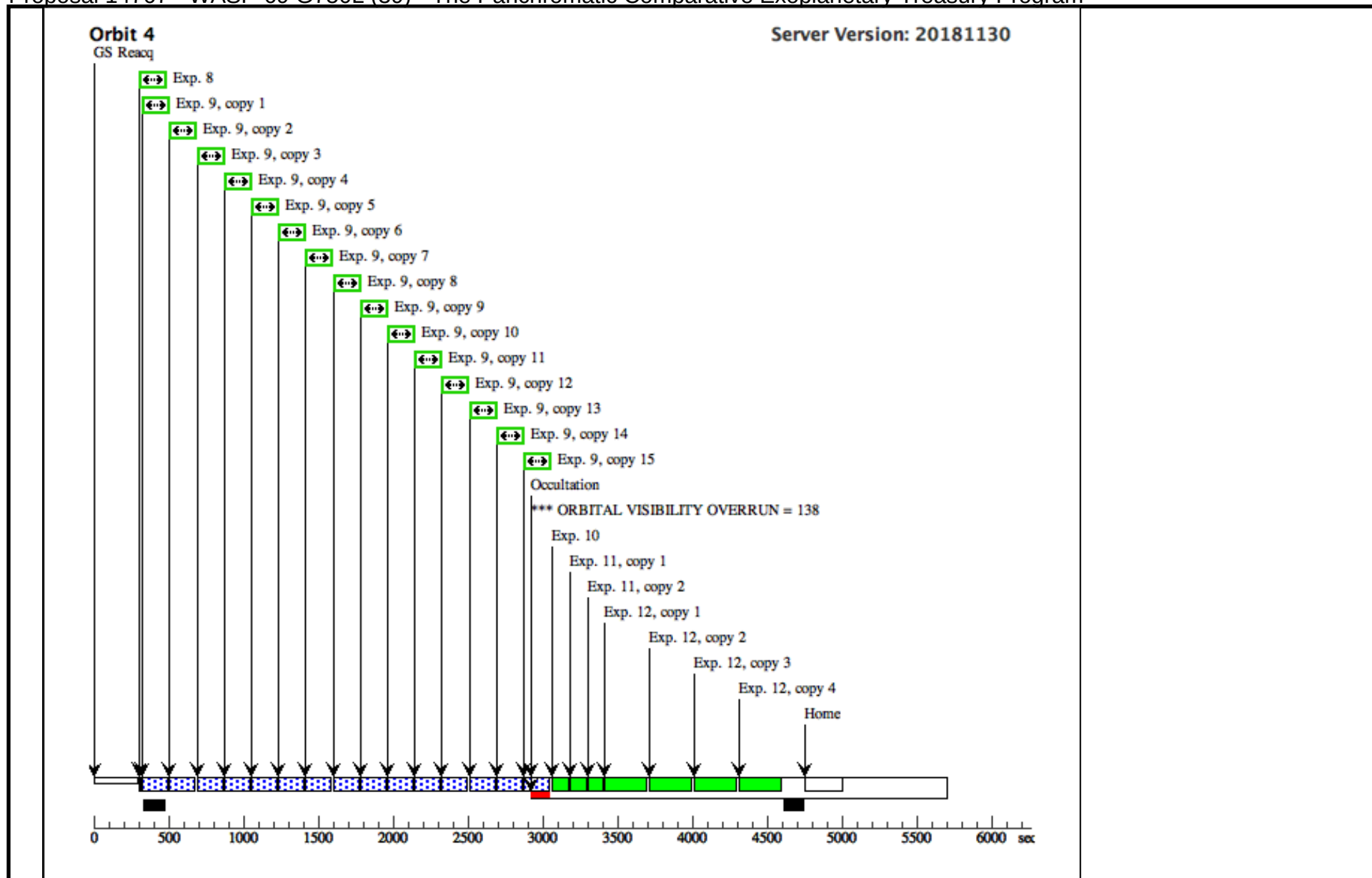


Orbit 3

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-80 G430L (40) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-80 G430L (40), completed	Wed Jun 05 15:15:01 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 3.06786144 D AND ZERO-PHASE HJD2456125.416625	
	Comments: WASP-80. G430L. STIS visit. It is essential that the five orbits be scheduled in a continuous block. This visit is 5 orbits.	

Proposal 14767 - WASP-80 G430L (40) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-80 G430L (40) - The Panchromatic Comparative Exoplanetary Treasury Program

(WASP-80 G430L (40)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-80 G430L (40)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(8)	WASP-80	RA: 20 12 40.1656 (303.1673567d)	Proper Motion RA: -174.6 mas/yr	V=11.88
			Dec: -02 08 39.19 (-2.14422d)	Proper Motion Dec: -86.1 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

Proposal 14767 - WASP-80 G430L (40) - The Panchromatic Comparative Exoplanetary Treasury Program

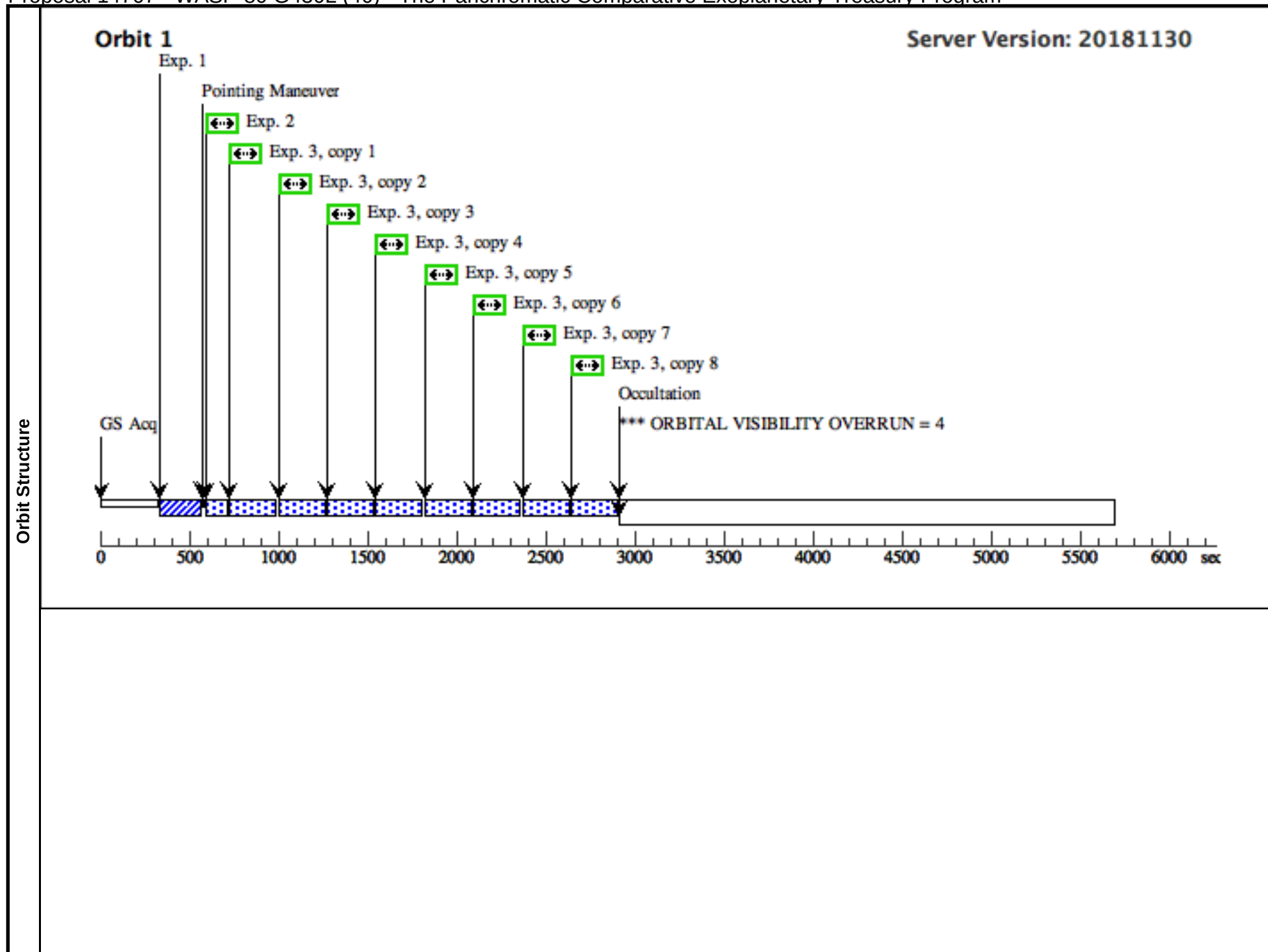
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5280)	(8) WASP-80	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9478 TO 0.9545		.5 Secs (0.5 Secs) [==>]	[1]
	2	WASP-80 G 430L Orbit 1	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-80 G 430L Orbit 1 (STIS.sp.82 1992)	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	WASP-80 G 430L Orbit 2	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-80 G 430L Orbit 2 (STIS.sp.82 1992)	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-80 G 430L Orbit 3	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-80 G430L (40) - The Panchromatic Comparative Exoplanetary Treasury Program

7	WASP-80 G (8) WASP-80 430L Orbit 3 (STIS.sp.82 1992)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-80 G (8) WASP-80 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
9	WASP-80 G (8) WASP-80 430L Orbit 4 (STIS.sp.82 1992)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WASP-80 G (8) WASP-80 430L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
11	WASP-80 G (8) WASP-80 430L Orbit 5 (STIS.sp.82 1992)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - WASP-80 G430L (40) - The Panchromatic Comparative Exoplanetary Treasury Program

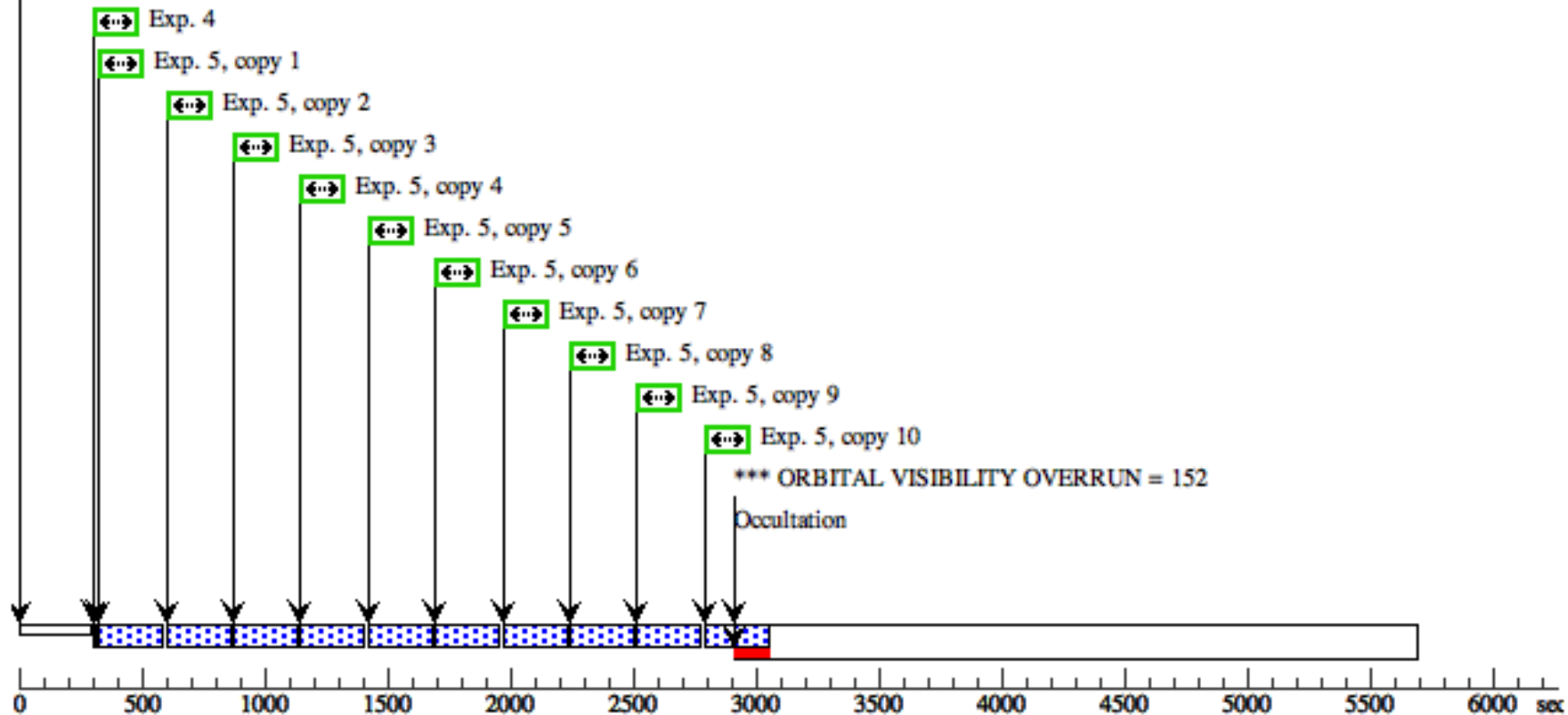
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	[==>]	[5]
					Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle	



Orbit 2

Server Version: 20181130

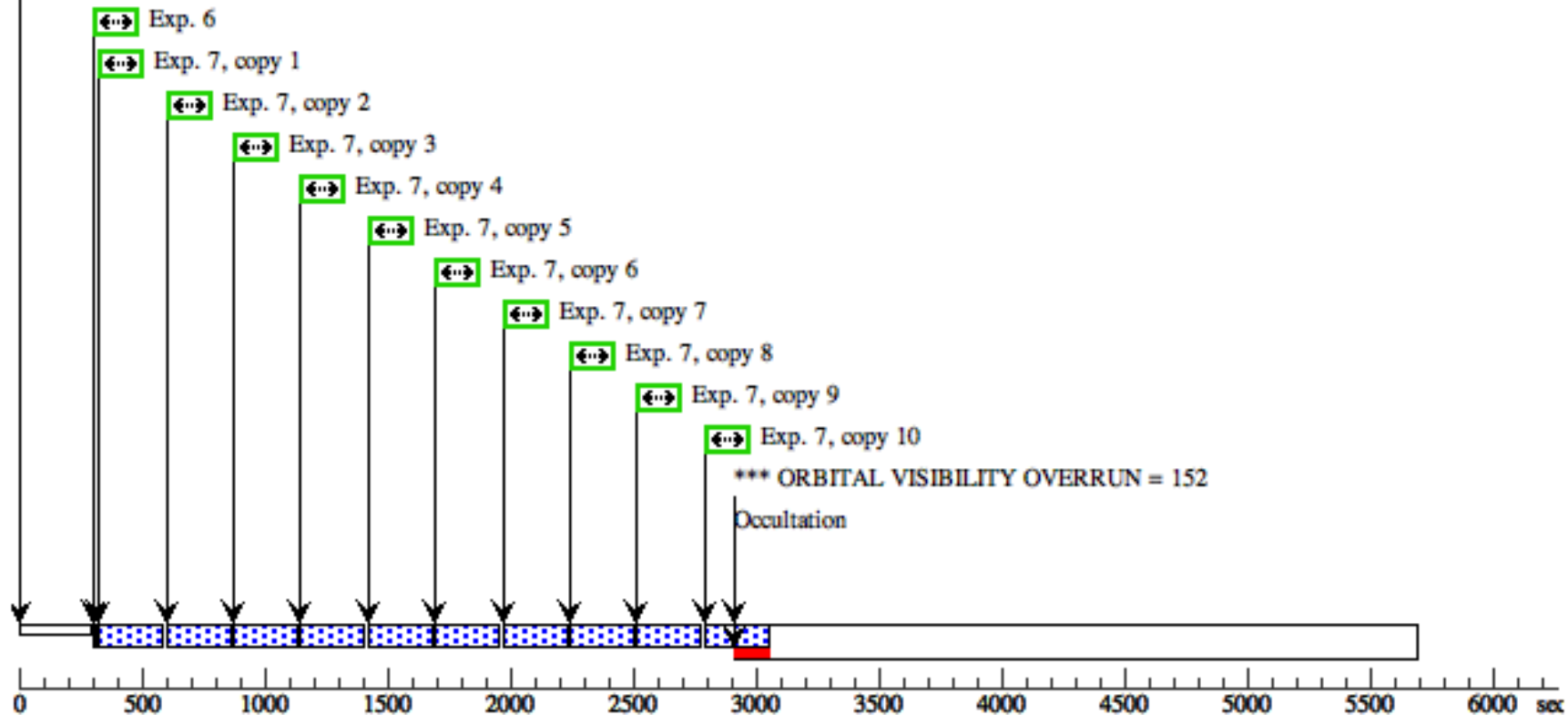
GS Reacq



Orbit 3

Server Version: 20181130

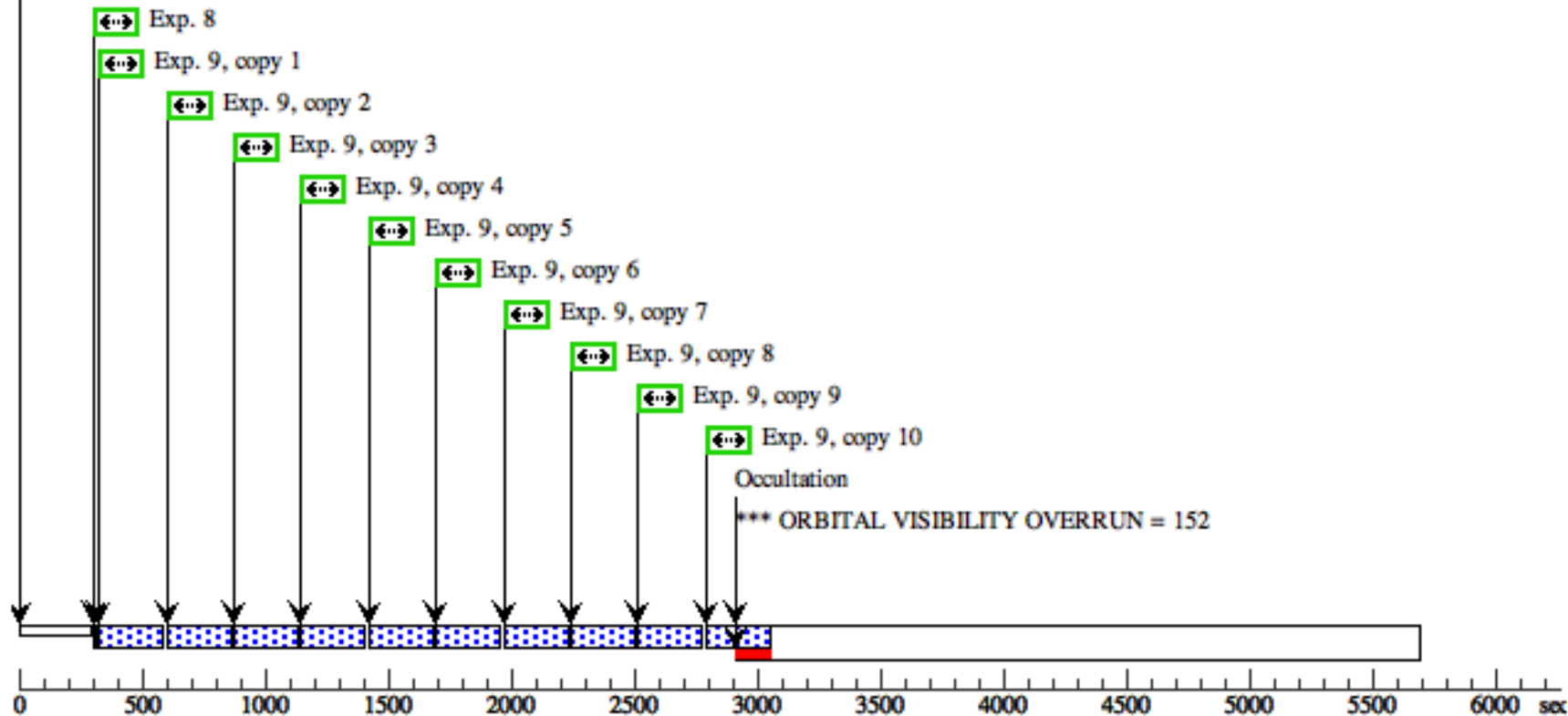
GS Reacq

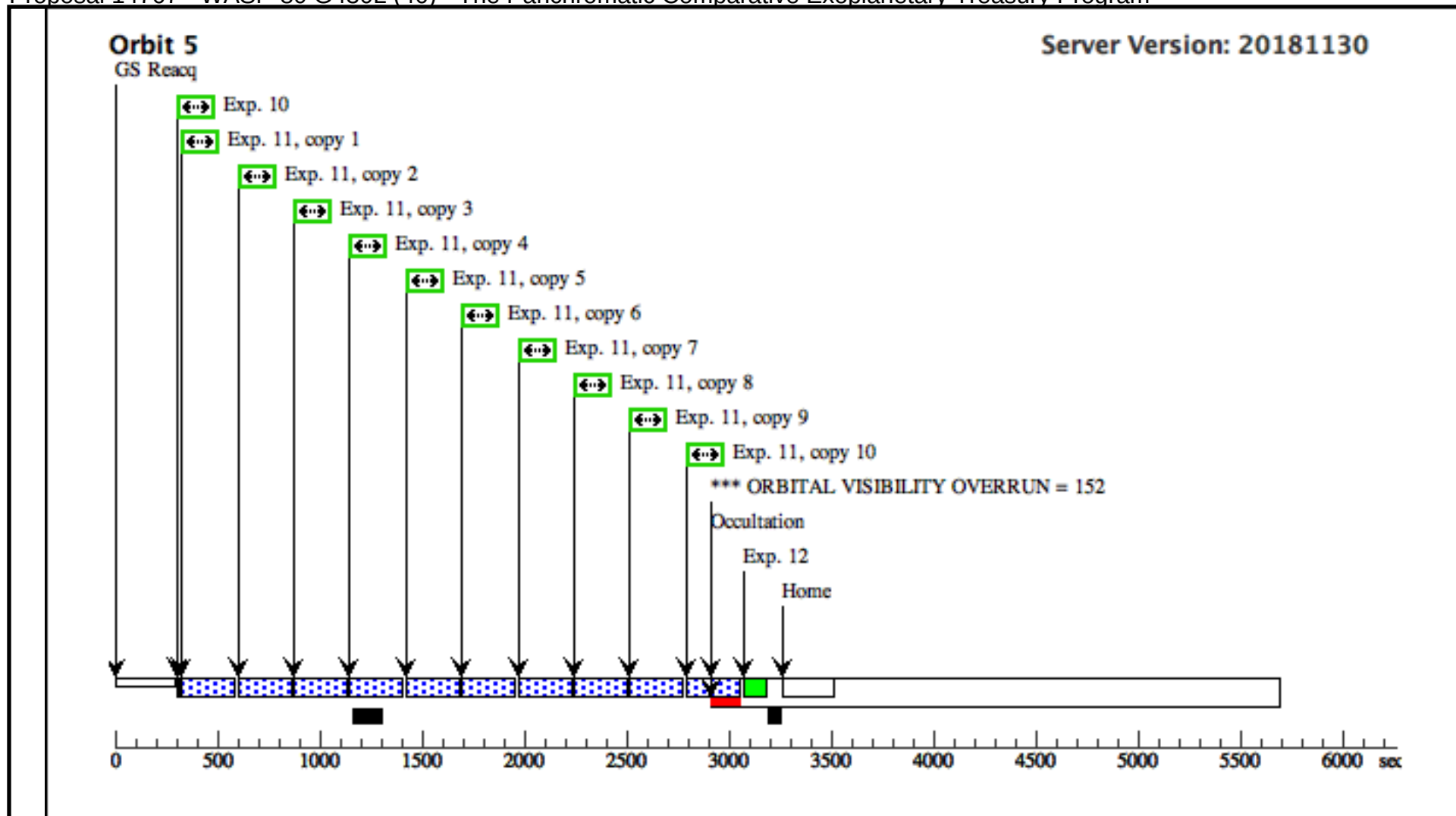


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-80 G430L x2 (41) - The Panchromatic Comparative Exoplanetary Treasury Program

Wed Jun 05 15:15:01 GMT 2019

[illegible]

Proposal 14767 - WASP-80 G430L x2 (41) - The Panchromatic Comparative Exoplanetary Treasury Program

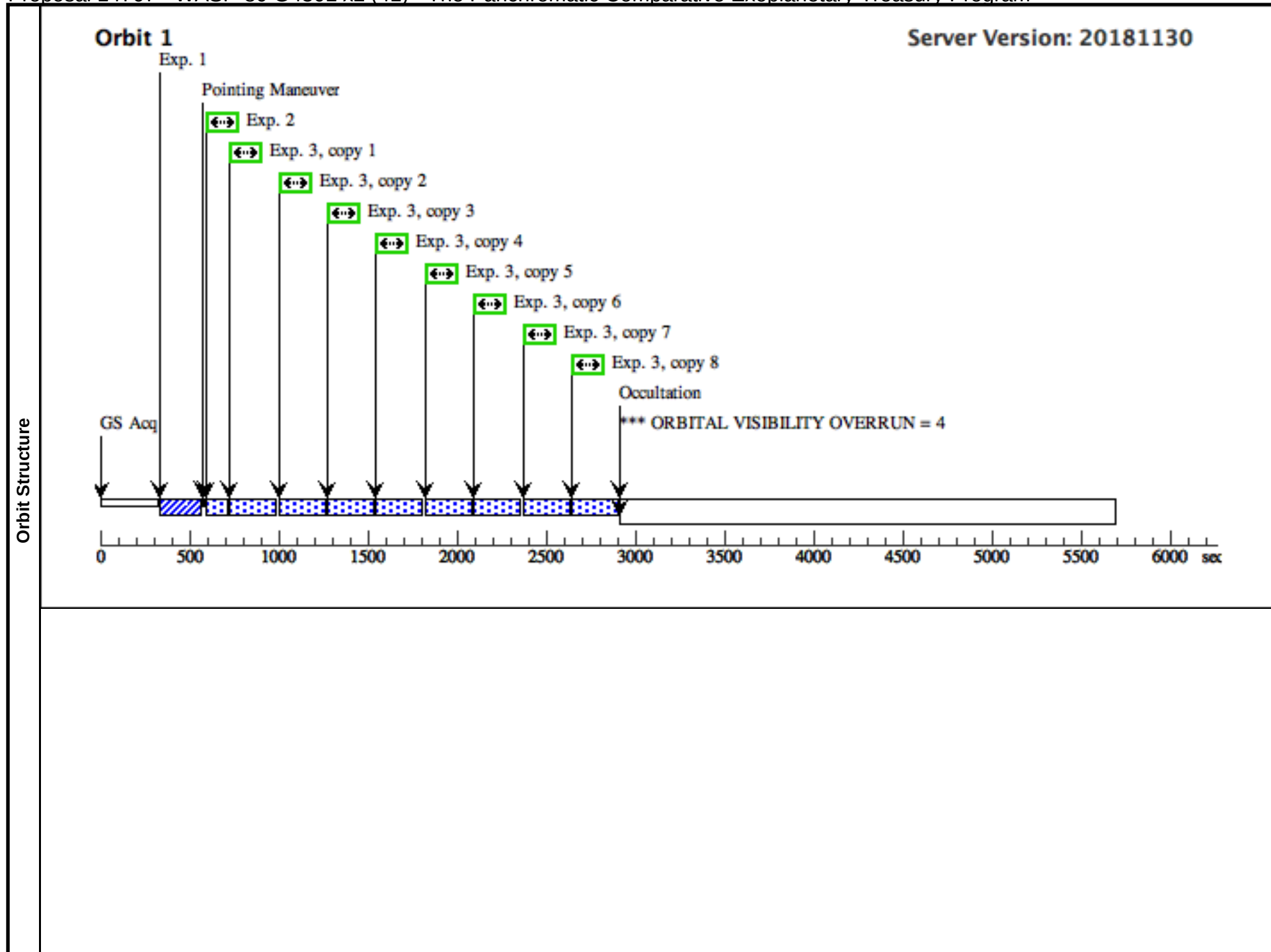
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	WASP-80	RA: 20 12 40.1656 (303.1673567d)	Proper Motion RA: -174.6 mas/yr	V=11.88	Reference Frame: ICRS
			Dec: -02 08 39.19 (-2.14422d)	Proper Motion Dec: -86.1 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - WASP-80 G430L x2 (41) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ, phase constrained (STIS.im.82 5280)	(8) WASP-80	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9478 TO 0.9545	Sequence 1-3 Non-Int in WASP-80 G430L x2 (41)	.5 Secs (0.5 Secs)	[==>]	[1]
	2	WASP-80 G 430L Orbit 1	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-80 G430L x2 (41)	1 Secs (1 Secs)	[==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.										
	3	WASP-80 G 430L Orbit 1 (STIS.sp.82 1992)	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-80 G430L x2 (41)	253 Secs X 8 (2024 Secs)	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	WASP-80 G 430L Orbit 2	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-80 G430L x2 (41)	1 Secs (1 Secs)	[==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.										
	5	WASP-80 G 430L Orbit 2 (STIS.sp.82 1992)	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-80 G430L x2 (41)	253 Secs X 10 (2530 Secs)	[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-80 G 430L Orbit 3	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in WASP-80 G430L x2 (41)	1 Secs (1 Secs)	[==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.										

Proposal 14767 - WASP-80 G430L x2 (41) - The Panchromatic Comparative Exoplanetary Treasury Program

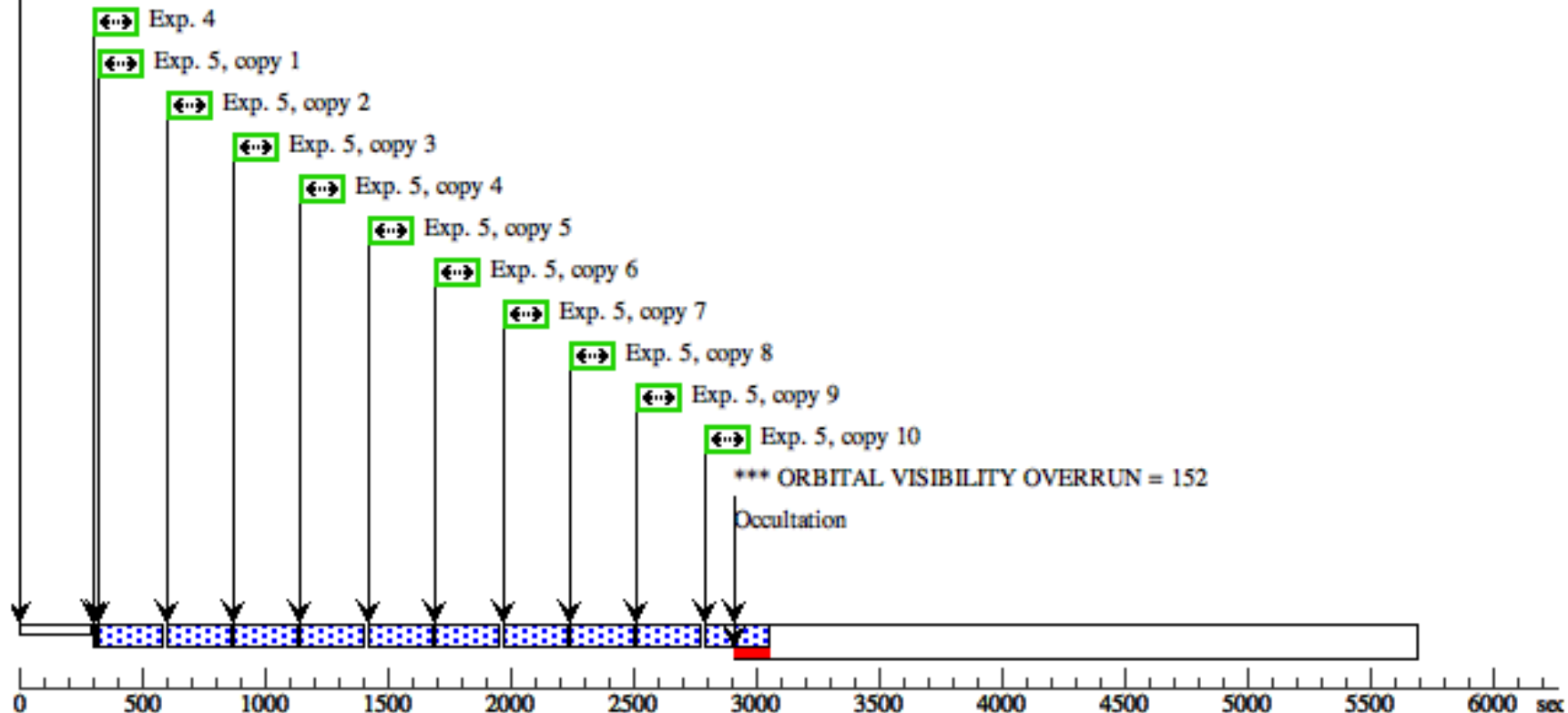
7	WASP-80 G (8) WASP-80 430L Orbit 3 (STIS.sp.82 1992)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-80 G430 L x2 (41)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-80 G (8) WASP-80 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-10 Non-Int in WASP-80 G430 L x2 (41)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-80 G (8) WASP-80 430L Orbit 4 (STIS.sp.82 1992)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-10 Non-Int in WASP-80 G430 L x2 (41)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		Sequence 8-10 Non-Int in WASP-80 G430 L x2 (41)	[==>]	[4]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>							



Orbit 2

Server Version: 20181130

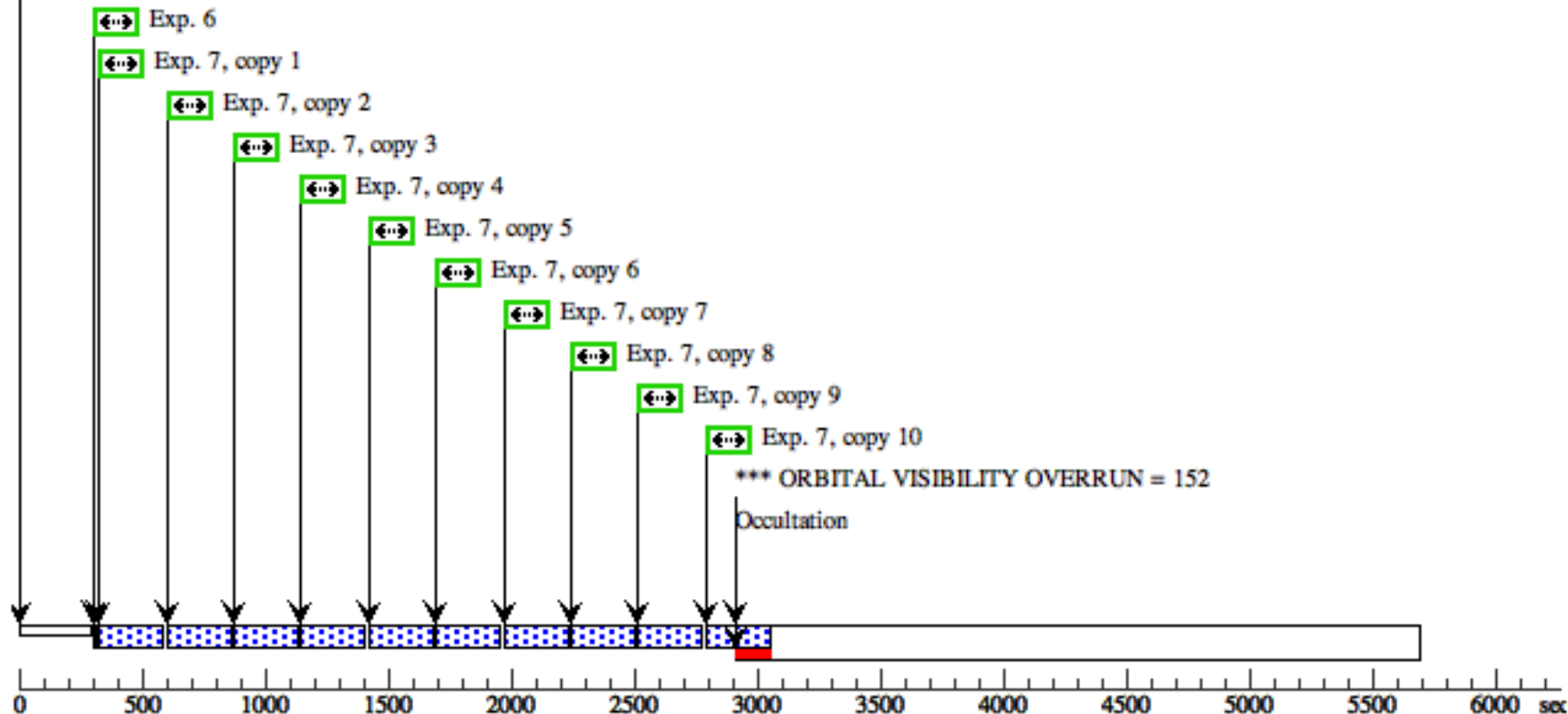
GS Reacq

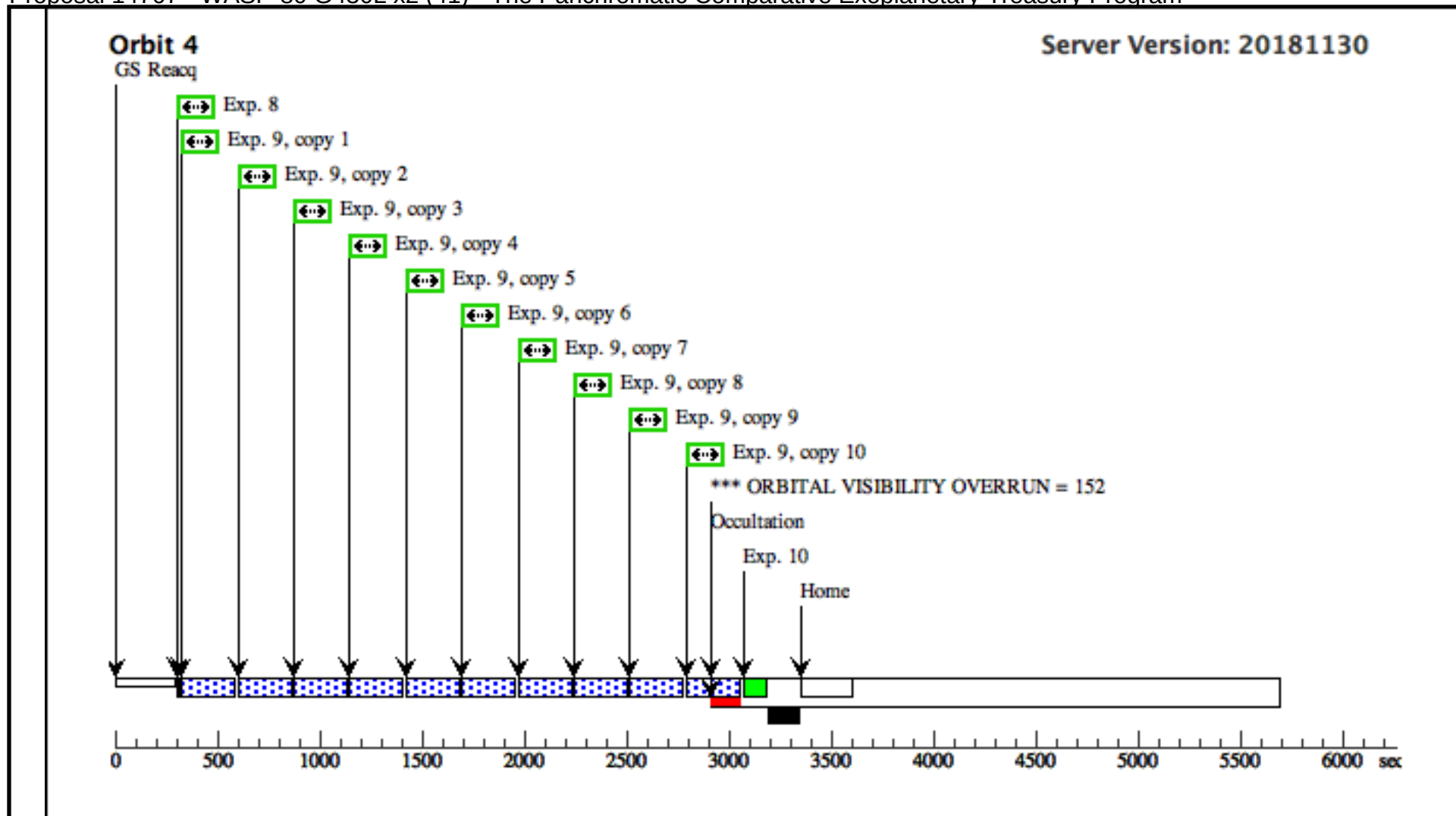


Orbit 3

GS Reacq

Server Version: 20181130





Proposal 14767 - WASP-80 G750L (42) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-80 G750L (42), completed	Wed Jun 05 15:15:01 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 3.06786144 D AND ZERO-PHASE HJD2456125.416625	
	Comments: WASP-80. G750L. STIS visit. It is essential that the five orbits be scheduled in a coninuous block.	

[illegible]

Proposal 14767 - WASP-80 G750L (42) - The Panchromatic Comparative Exoplanetary Treasury Program

	(WASP-80 G750L (42)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-80 G750L (42)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(8)	WASP-80	RA: 20 12 40.1656 (303.1673567d)	Proper Motion RA: -174.6 mas/yr	V=11.88
			Dec: -02 08 39.19 (-2.14422d)	Proper Motion Dec: -86.1 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

Proposal 14767 - WASP-80 G750L (42) - The Panchromatic Comparative Exoplanetary Treasury Program

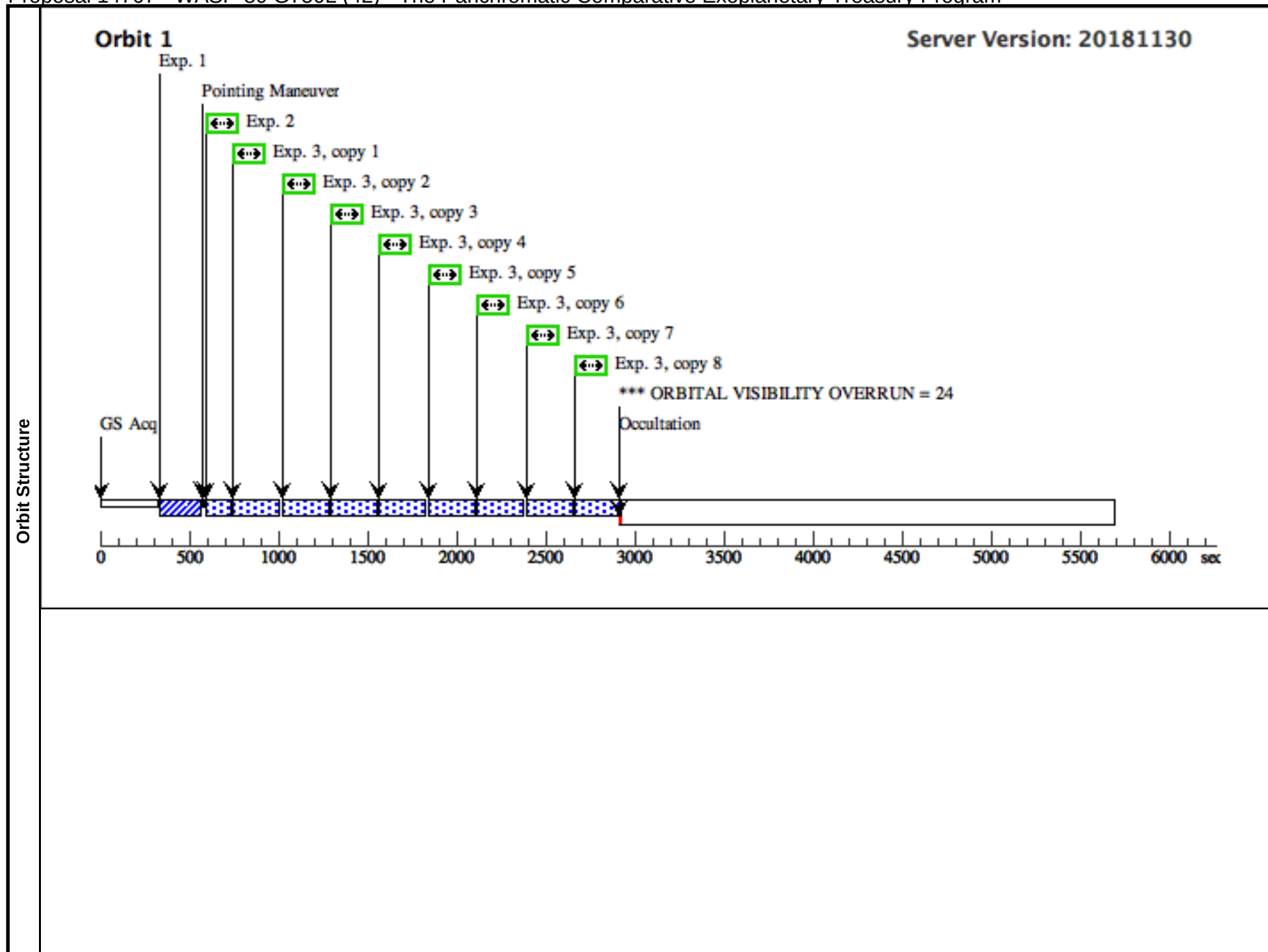
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5280)	(8) WASP-80	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9478 TO 0.9545	Sequence 1-3 Non-Int in WASP-80 G750L (42)	.5 Secs (0.5 Secs) [==>]	[1]
	2	WASP-80 G 750L Orbit 1	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-80 G750L (42)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-80 G 750L Orbit 1 (STIS.sp.82 1995)	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-80 G750L (42)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	WASP-80 G 750L Orbit 2	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-80 G750L (42)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-80 G 750L Orbit 2 (STIS.sp.82 1995)	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-80 G750L (42)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-80 G 750L Orbit 3	(8) WASP-80	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in WASP-80 G750L (42)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-80 G750L (42) - The Panchromatic Comparative Exoplanetary Treasury Program

7	WASP-80 G (8) WASP-80 750L Orbit 3 (STIS.sp.82 1995)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-80 G750 L (42)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-80 G (8) WASP-80 750L Orbit 4	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-80 G750 L (42)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-80 G (8) WASP-80 750L Orbit 4 (STIS.sp.82 1995)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-80 G750 L (42)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WASP-80 G (8) WASP-80 750L Orbit 5	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in WASP-80 G750L (42)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	WASP-80 G (8) WASP-80 750L Orbit 5 (STIS.sp.82 1995)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in WASP-80 G750L (42)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

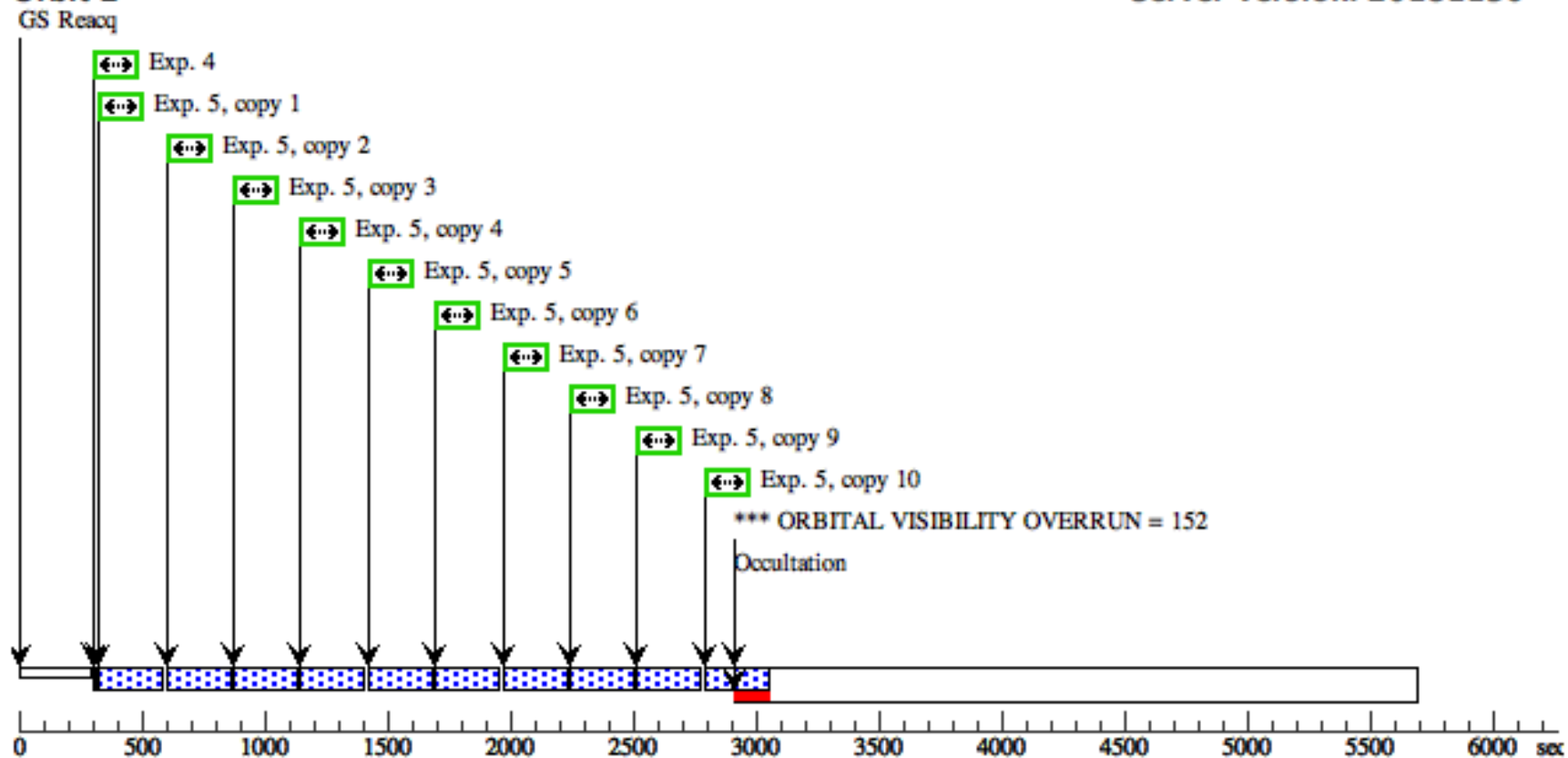
Proposal 14767 - WASP-80 G750L (42) - The Panchromatic Comparative Exoplanetary Treasury Program

12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	Sequence 10-14 Non -Int in WASP-80 G7 50L (42)	[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>							
13	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	Sequence 10-14 Non -Int in WASP-80 G7 50L (42)	[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	Sequence 10-14 Non -Int in WASP-80 G7 50L (42)	240 Secs X 4 (960 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]
<i>Comments: Expected peak count level = 50,000 e-</i>							



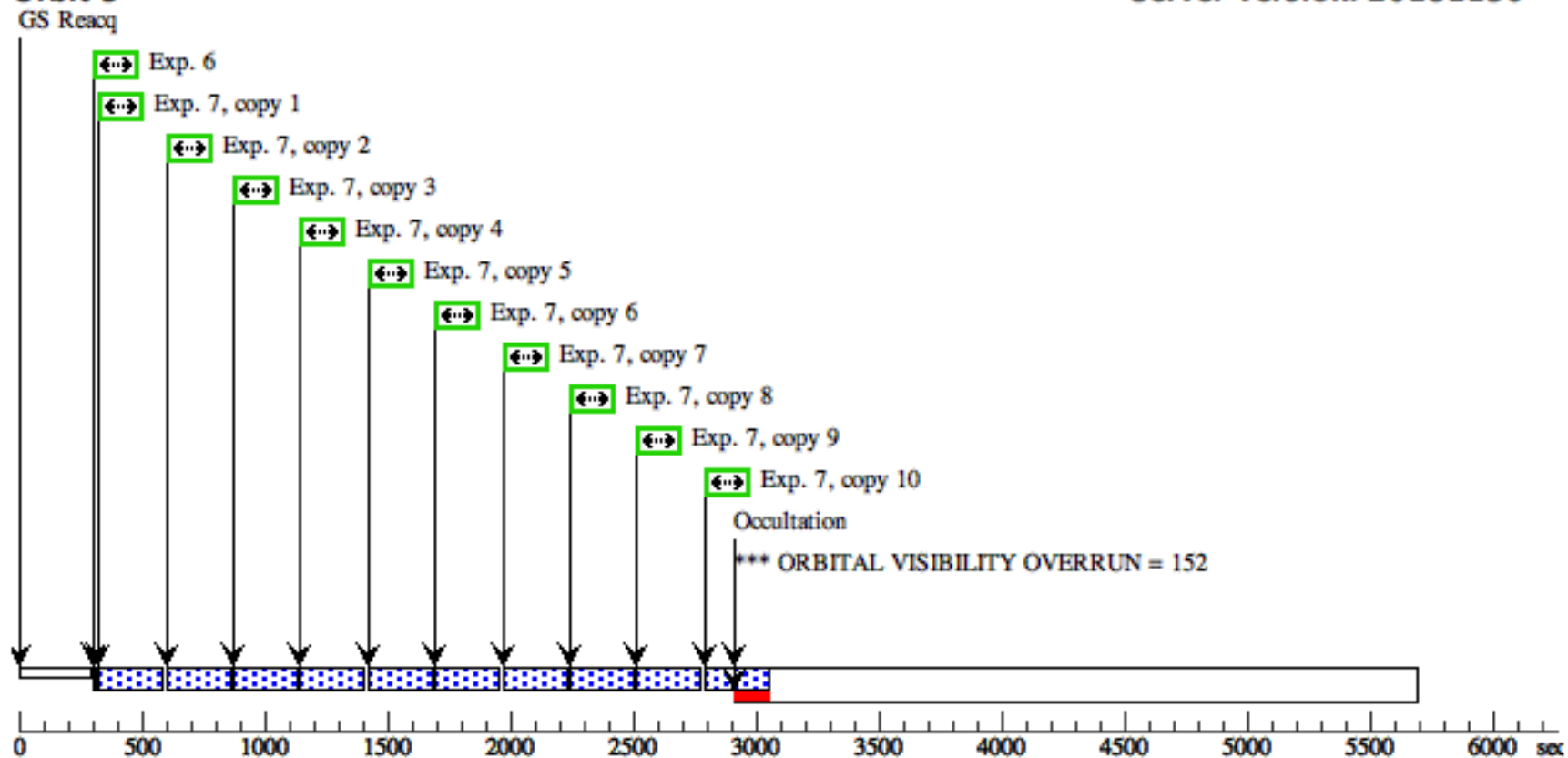
Orbit 2

Server Version: 20181130



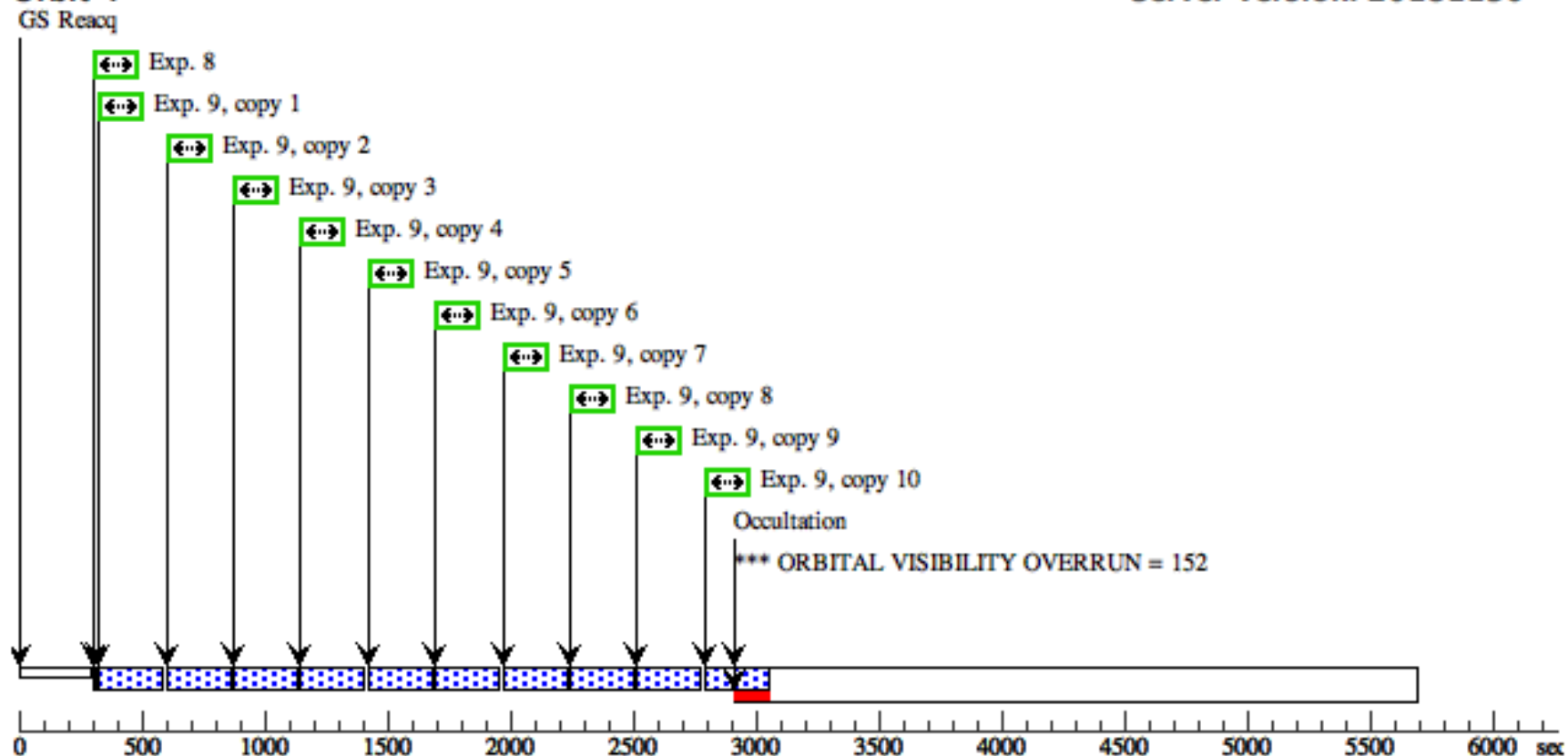
Orbit 3

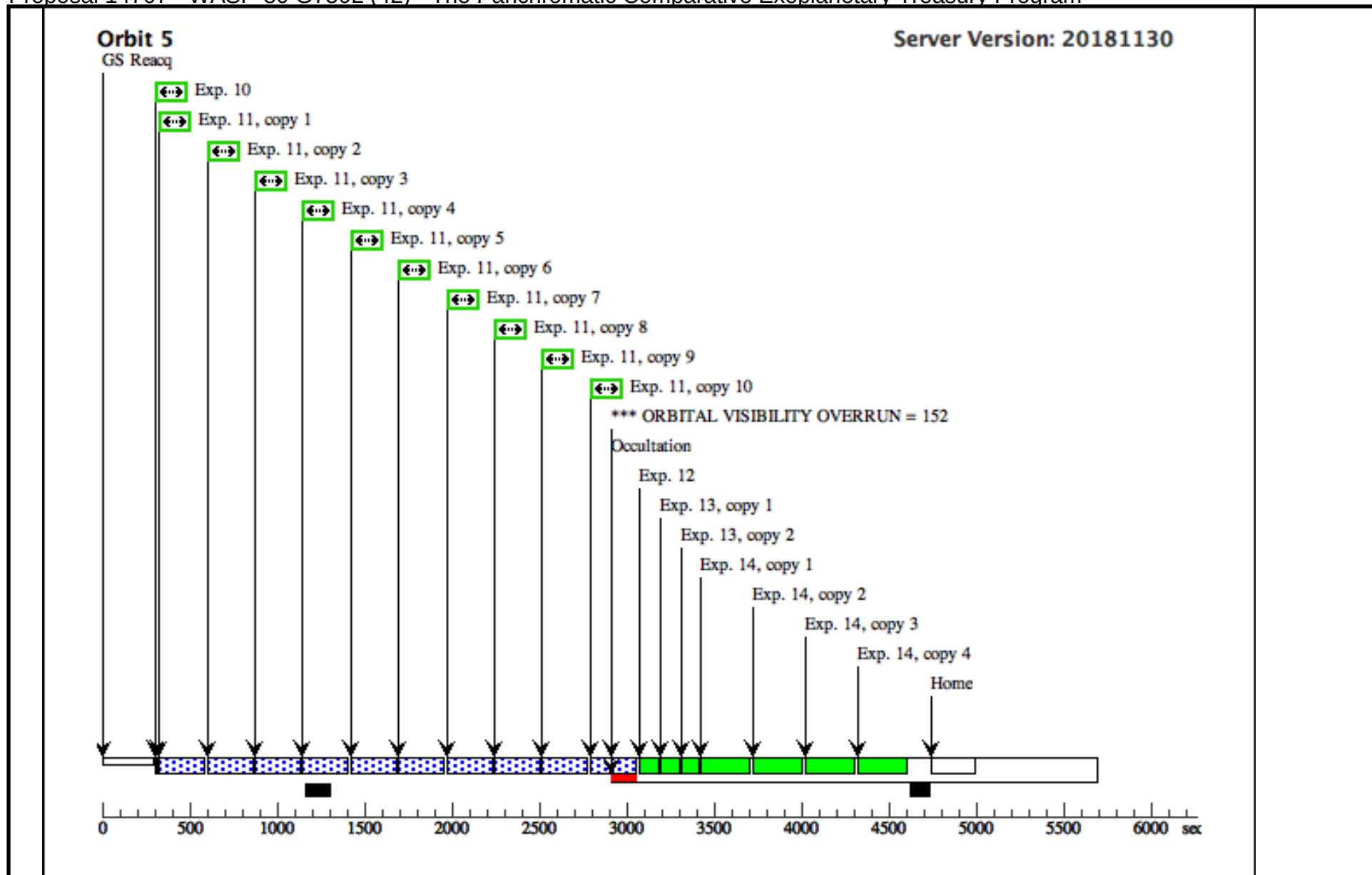
Server Version: 20181130



Orbit 4

Server Version: 20181130





Proposal 14767 - WASP-80 STIS/G140M x1 (43) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-80 STIS/G140M x1 (43), completed					Wed Jun 05 15:15:02 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA					
	Special Requirements: SCHED 100%; BETWEEN 15-MAR-2017 AND 30-JUN-2017; BETWEEN 15-MAR-2018 AND 30-JUN-2018; Period 3.06786144 D AND ZERO-PHASE HJD2456125.416625					
<i>Comments: It is essential that the five orbits be scheduled in a continuous block. Schedule from mid-March to end-of-June to offset H I geocoronal line from blue wing of stellar line.</i>						
Diagnostics	(WASP-80 STIS/G140M x1 (43)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x1 (43)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x1 (43)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x1 (43)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x1 (43)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	WASP-80	RA: 20 12 40.1656 (303.1673567d)	Proper Motion RA: -174.6 mas/yr	V=11.88	Reference Frame: ICRS
			Dec: -02 08 39.19 (-2.14422d)	Proper Motion Dec: -86.1 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=STAR					
Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]						
Extended=NO						

Proposal 14767 - WASP-80 STIS/G140M x1 (43) - The Panchromatic Comparative Exoplanetary Treasury Program

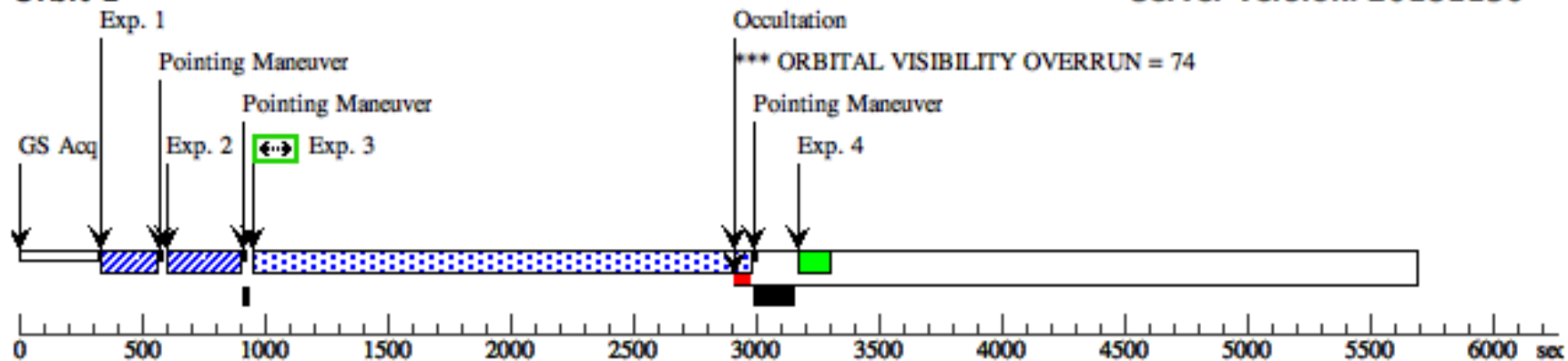
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.im.82 5280)	(8) WASP-80	STIS/CCD, ACQ, F28X50LP	MIRROR		PHASE 0.9462 TO 0.9561	Sequence 1-4 Non-Int in WASP-80 STIS/G140M x1 (43)	0.5 Secs (0.5 Secs) [==>]	[1]
	Comments: Exposure time shorter than for saturation calculated at 1.28 seconds.									
	2	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in WASP-80 STIS/G140M x1 (43)	0.8 Secs (0.8 Secs) [==>]	[1]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.									
	3	WASP-80 S TIS/G140M orbit 1 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in WASP-80 STIS/G140M x1 (43)	1880 Secs (1889 Secs) [==>1889.0 Secs]	[1]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									
	4	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in WASP-80 STIS/G140M x1 (43)	[==>]	[1]
	5	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in WASP-80 STIS/G140M x1 (43)	0.8 Secs (0.8 Secs) [==>]	[2]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.									
	6	WASP-80 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in WASP-80 STIS/G140M x1 (43)	2140 Secs (2160 Secs) [==>2160.0 Secs]	[2]
	7	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in WASP-80 STIS/G140M x1 (43)	[==>]	[2]
	8	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in WASP-80 STIS/G140M x1 (43)	0.8 Secs (0.8 Secs) [==>]	[3]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.									
	9	WASP-80 S TIS/G140M orbit 3 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in WASP-80 STIS/G140M x1 (43)	2140 Secs (2160 Secs) [==>2160.0 Secs]	[3]
	10	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in WASP-80 STIS/G140M x1 (43)	[==>]	[3]
	11	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in WASP-80 STIS/G140M x1 (43)	0.8 Secs (0.8 Secs) [==>]	[4]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.									
	12	WASP-80 S TIS/G140M orbit 4 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in WASP-80 STIS/G140M x1 (43)	2140 Secs (2160 Secs) [==>2160.0 Secs]	[4]
	13	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 11-13 Non-Int in WASP-80 STIS/G140M x1 (43)	[==>]	[4]

Proposal 14767 - WASP-80 STIS/G140M x1 (43) - The Panchromatic Comparative Exoplanetary Treasury Program

14	ACQ/PEAK (8) WASP-80 (STIS.ta.827 116)	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR		Sequence 14-16 Non -Int in WASP-80 STI S/G140M x1 (43)	0.8 Secs (0.8 Secs) [==>]	[5]
<i>Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.</i>							
15	WASP-80 S (8) WASP-80 TIS/G140M orbit 2 (STIS.sp.82 7199)	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO	Sequence 14-16 Non -Int in WASP-80 STI S/G140M x1 (43)	2140 Secs (2160 Secs) [==>2160.0 Secs]	[5]
16	GO-WAVE WAVE CAL	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A		Sequence 14-16 Non -Int in WASP-80 STI S/G140M x1 (43)	[==>]	[5]

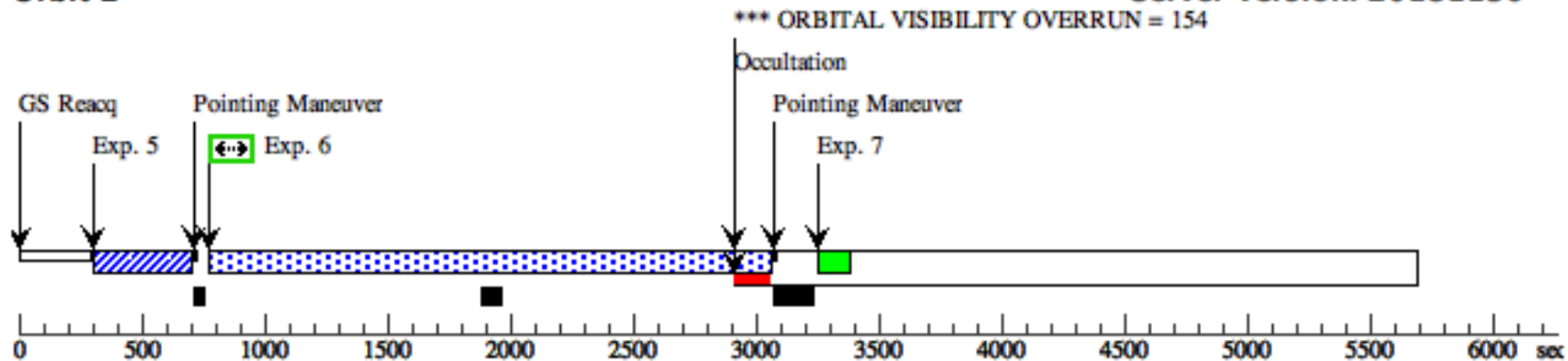
Orbit 1

Server Version: 20181130



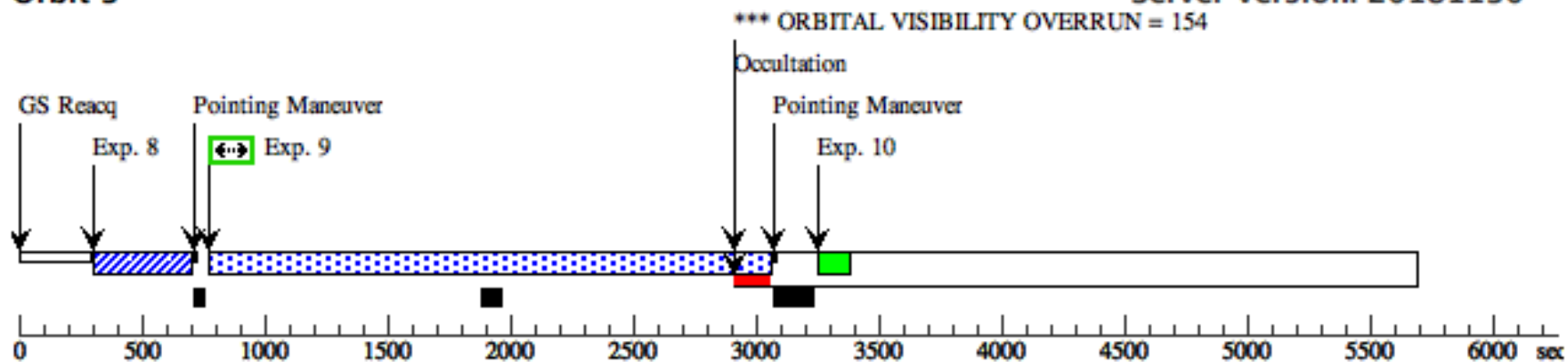
Orbit 2

Server Version: 20181130



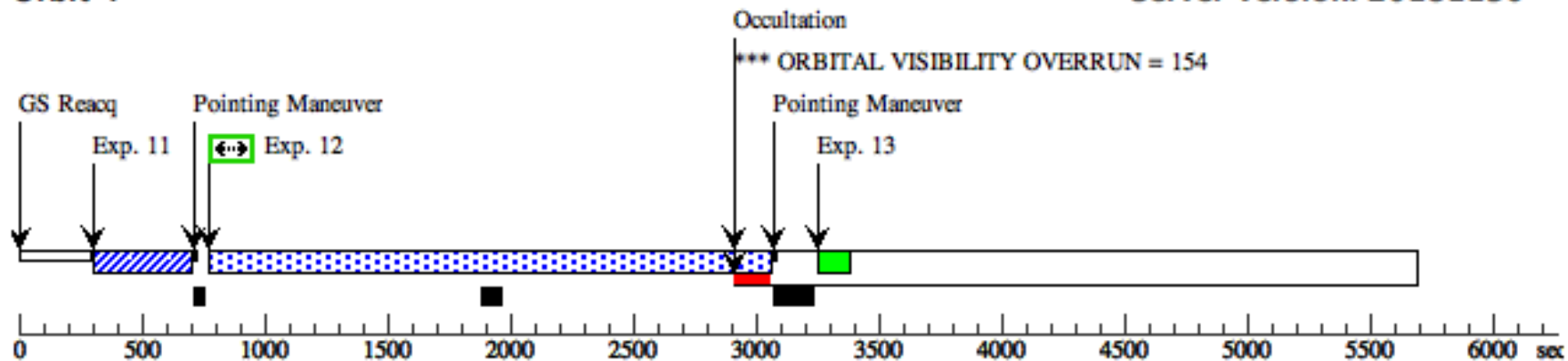
Orbit 3

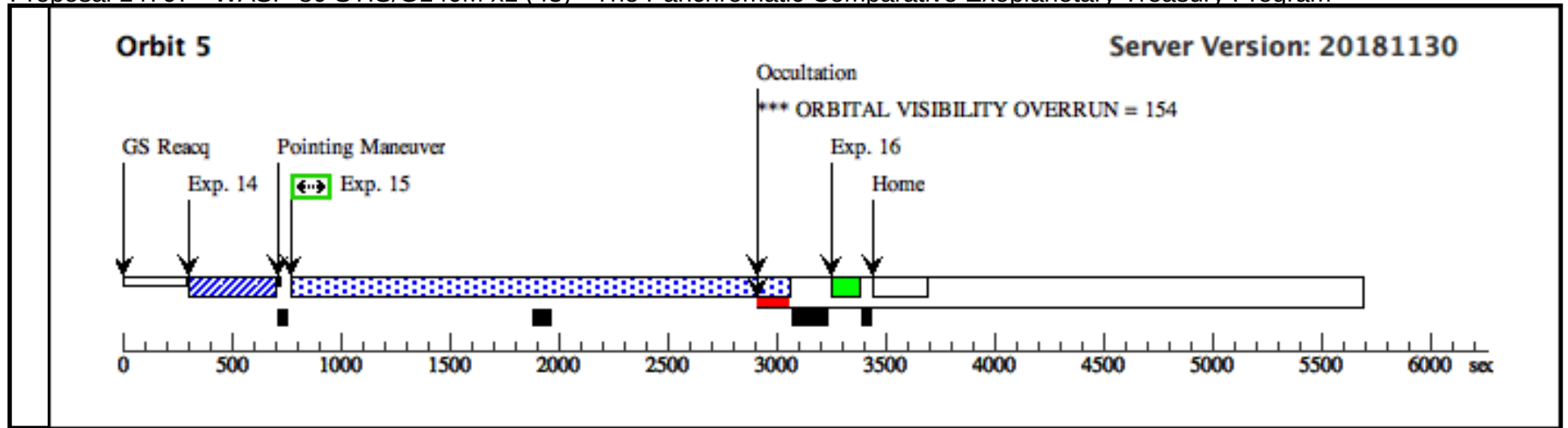
Server Version: 20181130



Orbit 4

Server Version: 20181130





Proposal 14767 - WASP-80 STIS/G140M x2 (44) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-80 STIS/G140M x2 (44), failed					Wed Jun 05 15:15:02 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA					
	Special Requirements: SCHED 100%; Period 3.06786144 D AND ZERO-PHASE HJD2456125.416625					
Diagnostics	Comments: It is essential that the five orbits be scheduled in a continuous block. Schedule from mid-March to end-of-June to offset H I qeocoronal line from blue wing of stellar line.					
	(WASP-80 STIS/G140M x2 (44)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x2 (44)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x2 (44)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x2 (44)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x2 (44)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	WASP-80	RA: 20 12 40.1656 (303.1673567d)	Proper Motion RA: -174.6 mas/yr	V=11.88	Reference Frame: ICRS
			Dec: -02 08 39.19 (-2.14422d)	Proper Motion Dec: -86.1 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]						
Extended=NO						

Proposal 14767 - WASP-80 STIS/G140M x2 (44) - The Panchromatic Comparative Exoplanetary Treasury Program

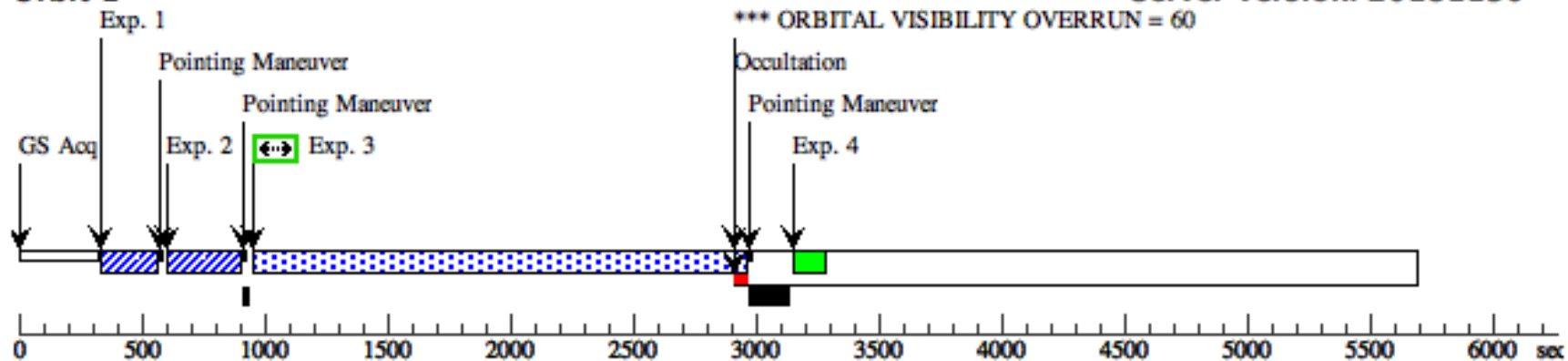
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ (STIS.im.82 5280)	(8) WASP-80	STIS/CCD, ACQ, F28X50LP	MIRROR		PHASE 0.9438 TO 0.9585	Sequence 1-4 Non-Int in WASP-80 STIS/G140M x2 (44)	0.5 Secs (0.5 Secs)	[==>]	[1]
	Comments: Exposure time shorter than for saturation calculated at 1.28 seconds.										
	2	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in WASP-80 STIS/G140M x2 (44)	0.8 Secs (0.8 Secs)	[==>]	[1]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.										
	3	WASP-80 S TIS/G140M orbit 1 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in WASP-80 STIS/G140M x2 (44)	1880 Secs (1875 Secs)	[==>1875.0 Secs]	[1]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.										
	4	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in WASP-80 STIS/G140M x2 (44)	[==>]		[1]
	5	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in WASP-80 STIS/G140M x2 (44)	0.8 Secs (0.8 Secs)	[==>]	[2]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.										
	6	WASP-80 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in WASP-80 STIS/G140M x2 (44)	2140 Secs (2146 Secs)	[==>2146.0 Secs]	[2]
	7	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in WASP-80 STIS/G140M x2 (44)	[==>]		[2]
	8	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in WASP-80 STIS/G140M x2 (44)	0.8 Secs (0.8 Secs)	[==>]	[3]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.										
	9	WASP-80 S TIS/G140M orbit 3 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in WASP-80 STIS/G140M x2 (44)	2140 Secs (2146 Secs)	[==>2146.0 Secs]	[3]
	10	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in WASP-80 STIS/G140M x2 (44)	[==>]		[3]
	11	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in WASP-80 STIS/G140M x2 (44)	0.8 Secs (0.8 Secs)	[==>]	[4]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.										
	12	WASP-80 S TIS/G140M orbit 4 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in WASP-80 STIS/G140M x2 (44)	2140 Secs (2146 Secs)	[==>2146.0 Secs]	[4]
	13	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 11-13 Non-Int in WASP-80 STIS/G140M x2 (44)	[==>]		[4]

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14	ACQ/PEAK (8) WASP-80 (STIS.ta.827 116)	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR		Sequence 14-16 Non -Int in WASP-80 STI S/G140M x2 (44)	0.8 Secs (0.8 Secs) [==>]	[5]
<i>Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.</i>							
15	WASP-80 S (8) WASP-80 TIS/G140M orbit 2 (STIS.sp.82 7199)	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO	Sequence 14-16 Non -Int in WASP-80 STI S/G140M x2 (44)	2140 Secs (2146 Secs) [==>2146.0 Secs]	[5]
16	GO-WAVE WAVE CAL	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A		Sequence 14-16 Non -Int in WASP-80 STI S/G140M x2 (44)	[==>]	[5]

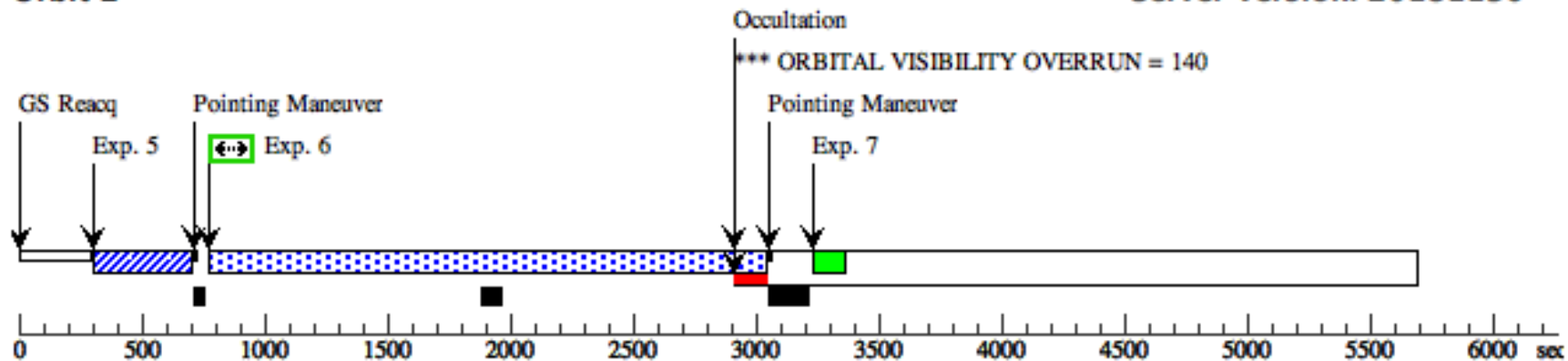
Orbit 1

Server Version: 20181130



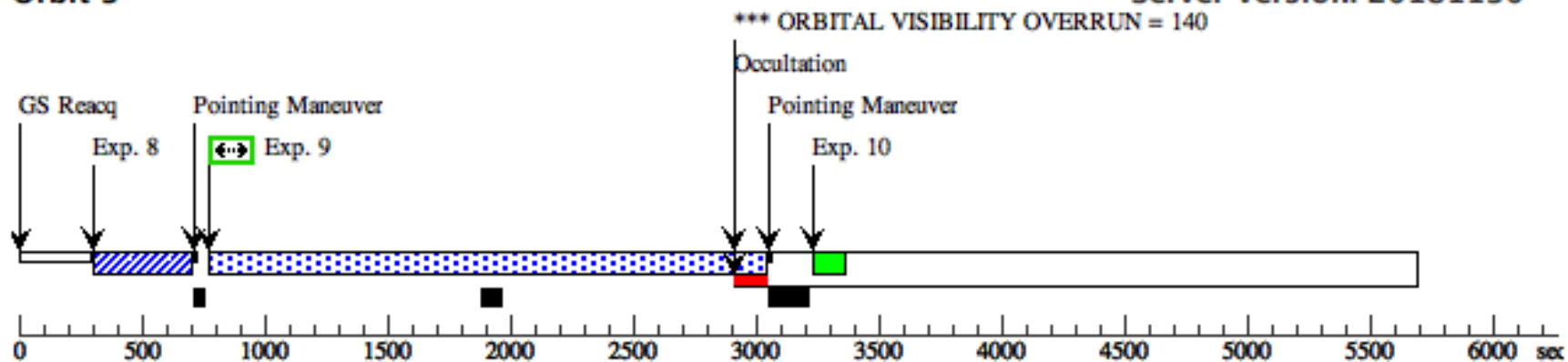
Orbit 2

Server Version: 20181130



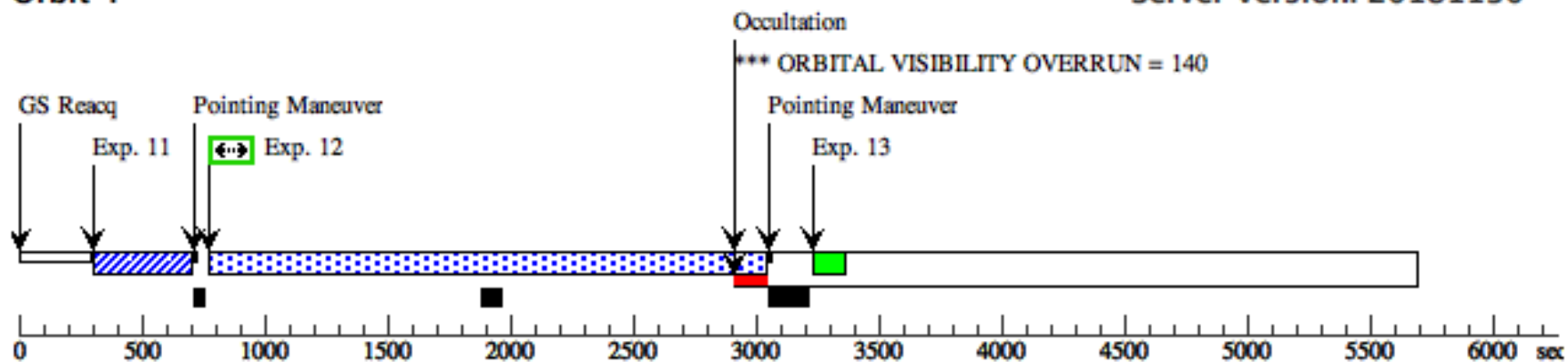
Orbit 3

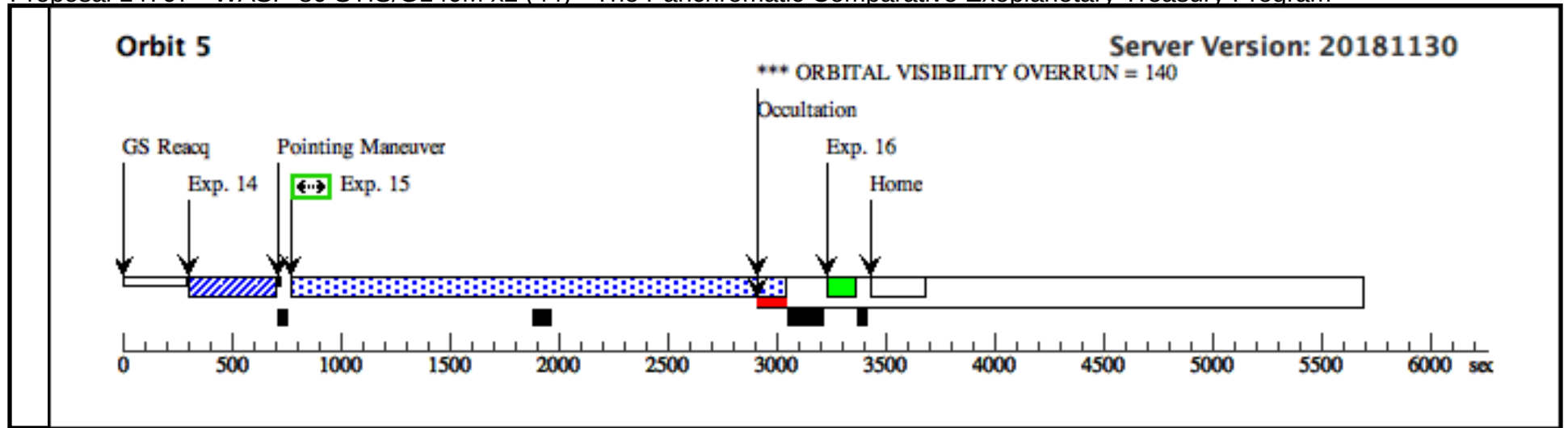
Server Version: 20181130



Orbit 4

Server Version: 20181130





Proposal 14767 - WASP-80 STIS/G140M x2 (W4) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-80 STIS/G140M x2 (W4), completed					Wed Jun 05 15:15:02 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA					
	Special Requirements: SCHED 100%; Period 3.06786144 D AND ZERO-PHASE HJD2456125.416625					
	Comments: It is essential that the five orbits be scheduled in a continuous block. Schedule from mid-March to end-of-June to offset H I geocoronal line from blue wing of stellar line.					
Diagnostics	(WASP-80 STIS/G140M x2 (W4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x2 (W4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x2 (W4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x2 (W4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x2 (W4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	WASP-80	RA: 20 12 40.1656 (303.1673567d)	Proper Motion RA: -174.6 mas/yr	V=11.88	Reference Frame: ICRS
			Dec: -02 08 39.19 (-2.14422d)	Proper Motion Dec: -86.1 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - WASP-80 STIS/G140M x2 (W4) - The Panchromatic Comparative Exoplanetary Treasury Program

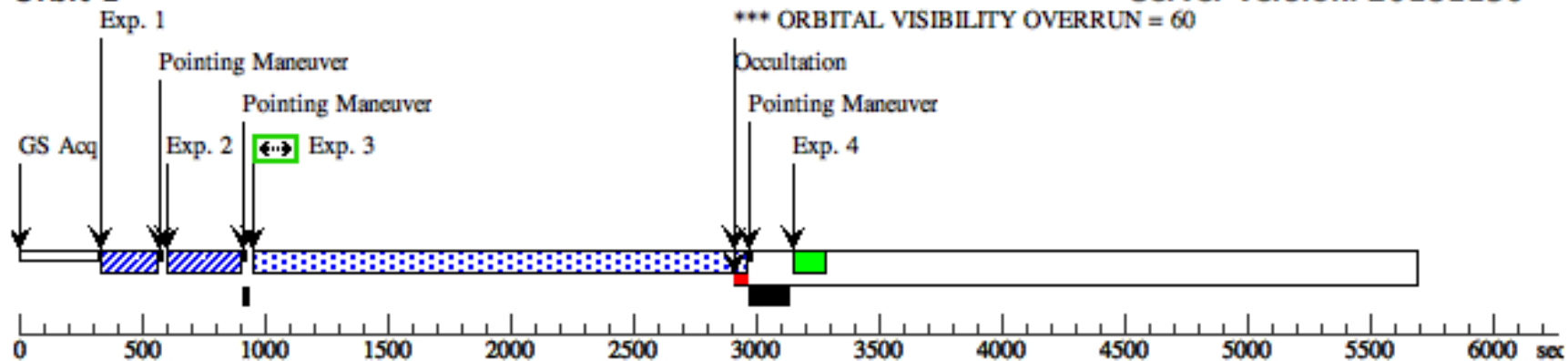
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (STIS.im.82 5280)	(8) WASP-80	STIS/CCD, ACQ, F28X50LP	MIRROR		PHASE 0.9438 TO 0.9585	Sequence 1-4 Non-Int in WASP-80 STIS/G140M x2 (W4)	0.5 Secs (0.5 Secs) [==>]	[1]
	Comments: Exposure time shorter than for saturation calculated at 1.28 seconds.									
	2	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in WASP-80 STIS/G140M x2 (W4)	0.8 Secs (0.8 Secs) [==>]	[1]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.									
	3	WASP-80 S TIS/G140M orbit 1 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in WASP-80 STIS/G140M x2 (W4)	1880 Secs (1875 Secs) [==>1875.0 Secs]	[1]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.									
	4	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in WASP-80 STIS/G140M x2 (W4)	[==>]	[1]
	5	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in WASP-80 STIS/G140M x2 (W4)	0.8 Secs (0.8 Secs) [==>]	[2]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.									
	6	WASP-80 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in WASP-80 STIS/G140M x2 (W4)	2140 Secs (2146 Secs) [==>2146.0 Secs]	[2]
	7	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in WASP-80 STIS/G140M x2 (W4)	[==>]	[2]
	8	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in WASP-80 STIS/G140M x2 (W4)	0.8 Secs (0.8 Secs) [==>]	[3]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.									
	9	WASP-80 S TIS/G140M orbit 3 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in WASP-80 STIS/G140M x2 (W4)	2140 Secs (2146 Secs) [==>2146.0 Secs]	[3]
	10	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in WASP-80 STIS/G140M x2 (W4)	[==>]	[3]
	11	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in WASP-80 STIS/G140M x2 (W4)	0.8 Secs (0.8 Secs) [==>]	[4]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.									
	12	WASP-80 S TIS/G140M orbit 4 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in WASP-80 STIS/G140M x2 (W4)	2140 Secs (2146 Secs) [==>2146.0 Secs]	[4]
	13	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 11-13 Non-Int in WASP-80 STIS/G140M x2 (W4)	[==>]	[4]

Proposal 14767 - WASP-80 STIS/G140M x2 (W4) - The Panchromatic Comparative Exoplanetary Treasury Program

14	ACQ/PEAK (8) WASP-80 (STIS.ta.827 116)	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR		Sequence 14-16 Non -Int in WASP-80 STI S/G140M x2 (W4)	0.8 Secs (0.8 Secs) [==>]	[5]
<i>Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.</i>							
15	WASP-80 S (8) WASP-80 TIS/G140M orbit 2 (STIS.sp.82 7199)	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO	Sequence 14-16 Non -Int in WASP-80 STI S/G140M x2 (W4)	2140 Secs (2146 Secs) [==>2146.0 Secs]	[5]
16	GO-WAVE WAVE CAL	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A		Sequence 14-16 Non -Int in WASP-80 STI S/G140M x2 (W4)	[==>]	[5]

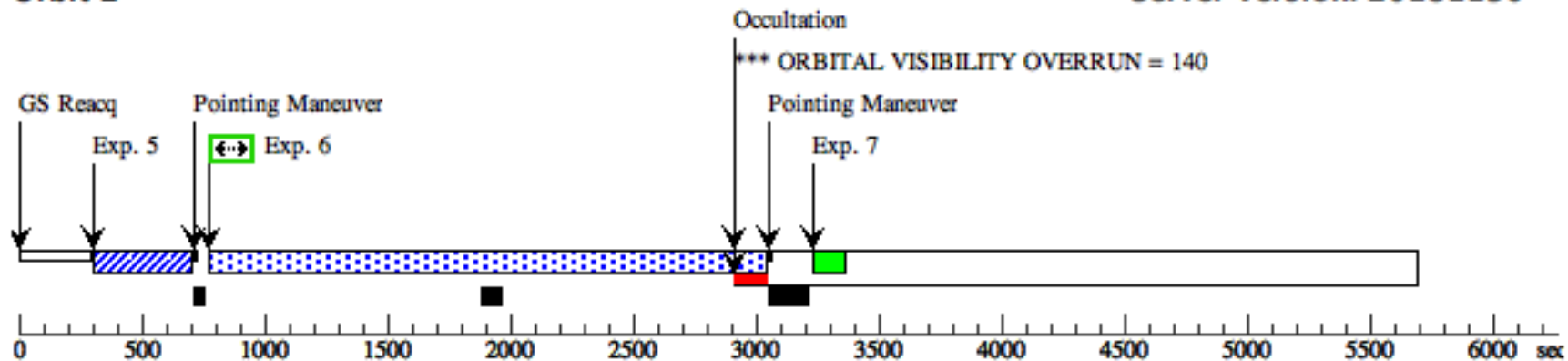
Orbit 1

Server Version: 20181130



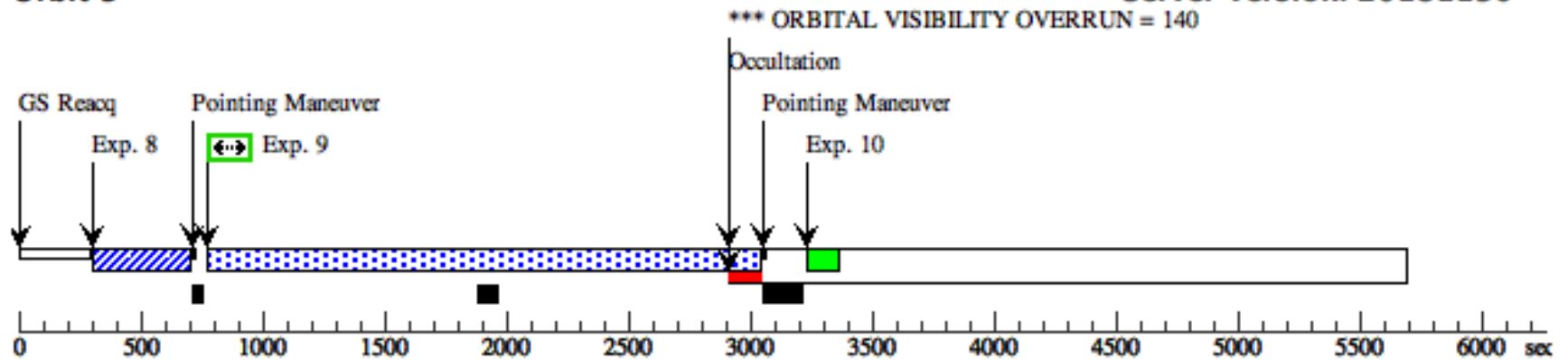
Orbit 2

Server Version: 20181130



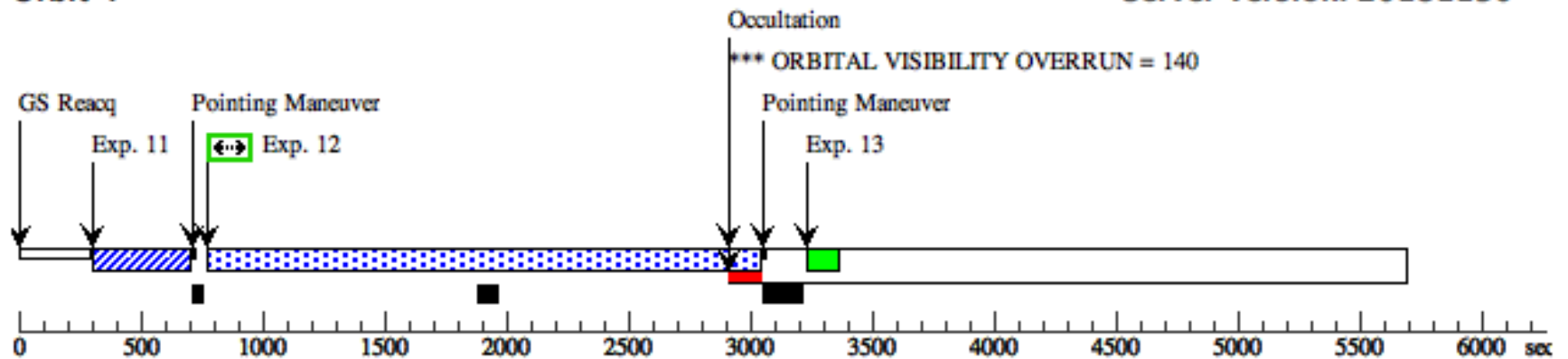
Orbit 3

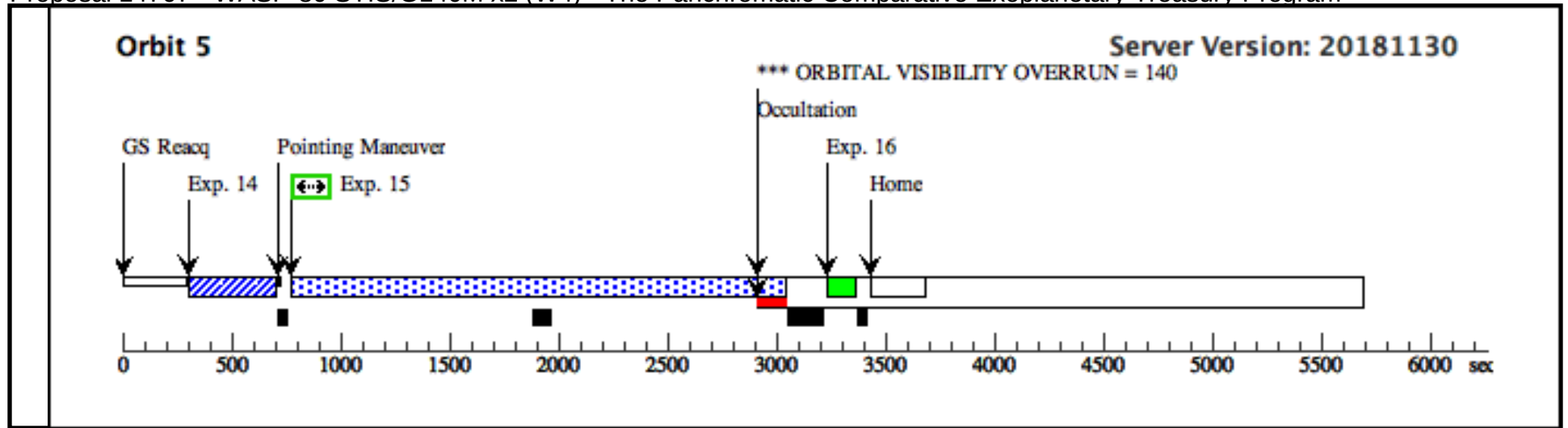
Server Version: 20181130



Orbit 4

Server Version: 20181130





Proposal 14767 - WASP-80 STIS/G140M x3 (45) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-80 STIS/G140M x3 (45), completed					Wed Jun 05 15:15:02 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA					
	Special Requirements: SCHED 100%; BETWEEN 15-MAR-2017 AND 30-JUN-2017; BETWEEN 15-MAR-2018 AND 30-JUN-2018; Period 3.06786144 D AND ZERO-PHASE HJD2456125.416625					
<i>Comments: It is essential that the five orbits be scheduled in a continuous block. Schedule from mid-March to end-of-June to offset H I geocoronal line from blue wing of stellar line.</i>						
Diagnostics	(WASP-80 STIS/G140M x3 (45)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x3 (45)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x3 (45)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x3 (45)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-80 STIS/G140M x3 (45)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	WASP-80	RA: 20 12 40.1656 (303.1673567d)	Proper Motion RA: -174.6 mas/yr	V=11.88	Reference Frame: ICRS
			Dec: -02 08 39.19 (-2.14422d)	Proper Motion Dec: -86.1 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=STAR					
Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]						
Extended=NO						

Proposal 14767 - WASP-80 STIS/G140M x3 (45) - The Panchromatic Comparative Exoplanetary Treasury Program

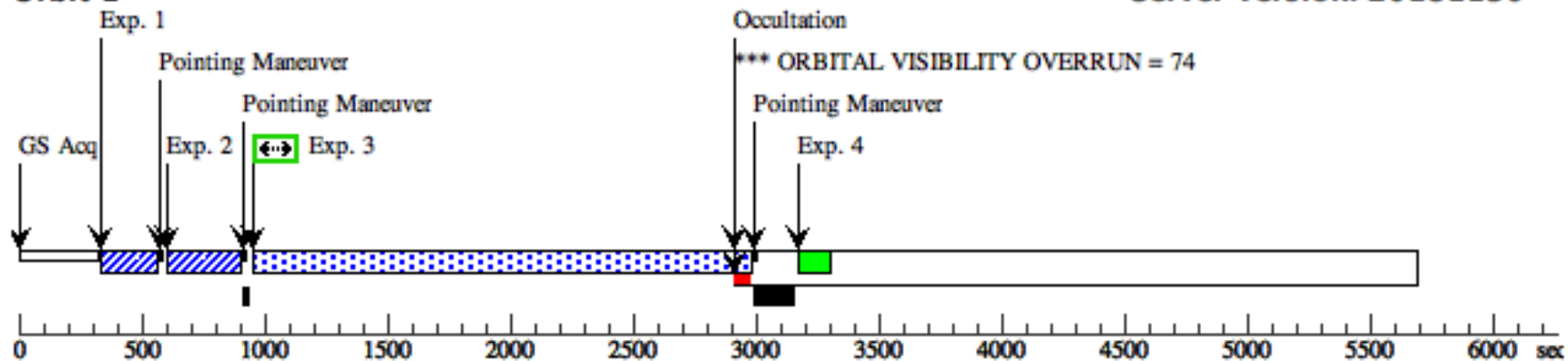
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ (STIS.im.82 5280)	(8) WASP-80	STIS/CCD, ACQ, F28X50LP	MIRROR		PHASE 0.9462 TO 0.9561	Sequence 1-4 Non-Int in WASP-80 STIS/G140M x3 (45)	0.5 Secs (0.5 Secs)	[==>]	[1]
	Comments: Exposure time shorter than for saturation calculated at 1.28 seconds.										
	2	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 1-4 Non-Int in WASP-80 STIS/G140M x3 (45)	0.8 Secs (0.8 Secs)	[==>]	[1]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.										
	3	WASP-80 S TIS/G140M orbit 1 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 1-4 Non-Int in WASP-80 STIS/G140M x3 (45)	1880 Secs (1889 Secs)	[==>1889.0 Secs]	[1]
	Comments: ETC for STIS/G140M spectrum of FUV-brighter star HD-189733.										
	4	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 1-4 Non-Int in WASP-80 STIS/G140M x3 (45)	[==>]		[1]
	5	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 5-7 Non-Int in WASP-80 STIS/G140M x3 (45)	0.8 Secs (0.8 Secs)	[==>]	[2]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.										
	6	WASP-80 S TIS/G140M orbit 2 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 5-7 Non-Int in WASP-80 STIS/G140M x3 (45)	2140 Secs (2160 Secs)	[==>2160.0 Secs]	[2]
	7	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 5-7 Non-Int in WASP-80 STIS/G140M x3 (45)	[==>]		[2]
	8	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 8-10 Non-Int in WASP-80 STIS/G140M x3 (45)	0.8 Secs (0.8 Secs)	[==>]	[3]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.										
	9	WASP-80 S TIS/G140M orbit 3 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 8-10 Non-Int in WASP-80 STIS/G140M x3 (45)	2140 Secs (2160 Secs)	[==>2160.0 Secs]	[3]
	10	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 8-10 Non-Int in WASP-80 STIS/G140M x3 (45)	[==>]		[3]
	11	ACQ/PEAK (STIS.ta.827 116)	(8) WASP-80	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR			Sequence 11-13 Non-Int in WASP-80 STIS/G140M x3 (45)	0.8 Secs (0.8 Secs)	[==>]	[4]
	Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.										
	12	WASP-80 S TIS/G140M orbit 4 (STIS.sp.82 7199)	(8) WASP-80	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=1000; WAVECAL=NO		Sequence 11-13 Non-Int in WASP-80 STIS/G140M x3 (45)	2140 Secs (2160 Secs)	[==>2160.0 Secs]	[4]
	13	GO-WAVE CAL	WAVE	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A			Sequence 11-13 Non-Int in WASP-80 STIS/G140M x3 (45)	[==>]		[4]

Proposal 14767 - WASP-80 STIS/G140M x3 (45) - The Panchromatic Comparative Exoplanetary Treasury Program

14	ACQ/PEAK (8) WASP-80 (STIS.ta.827 116)	STIS/CCD, ACQ/PEAK, 52X0.05D1	MIRROR		Sequence 14-16 Non -Int in WASP-80 STI S/G140M x3 (45)	0.8 Secs (0.8 Secs) [==>]	[5]
<i>Comments: Exposure time shorter than for saturation calculated at 2.3 seconds.</i>							
15	WASP-80 S (8) WASP-80 TIS/G140M orbit 2 (STIS.sp.82 7199)	STIS/FUV-MAMA, TIME-TAG, 52X0.05D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO	Sequence 14-16 Non -Int in WASP-80 STI S/G140M x3 (45)	2140 Secs (2160 Secs) [==>2160.0 Secs]	[5]
16	GO-WAVE WAVE CAL	STIS/FUV-MAMA, ACCUM, 52X0.05	G140M 1222 A		Sequence 14-16 Non -Int in WASP-80 STI S/G140M x3 (45)	[==>]	[5]

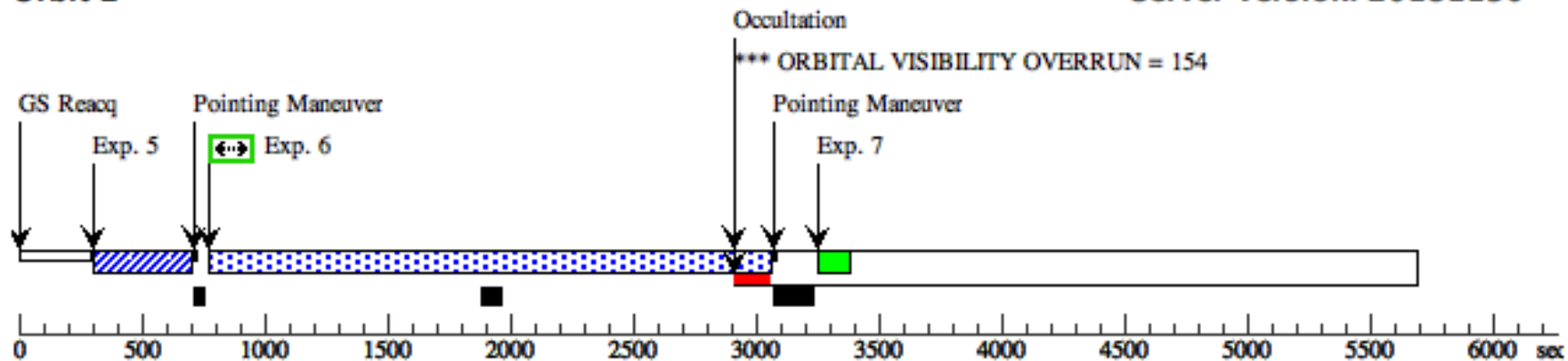
Orbit 1

Server Version: 20181130



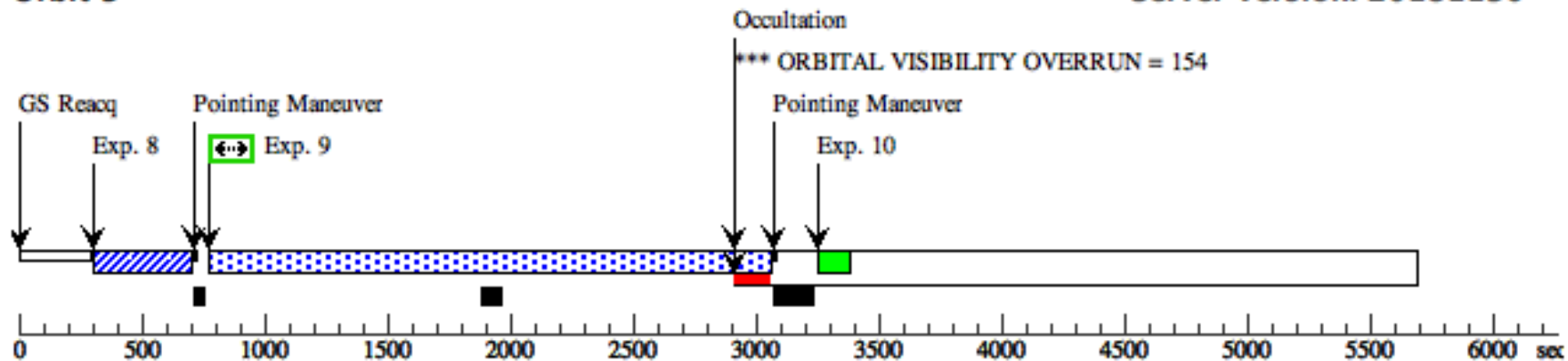
Orbit 2

Server Version: 20181130



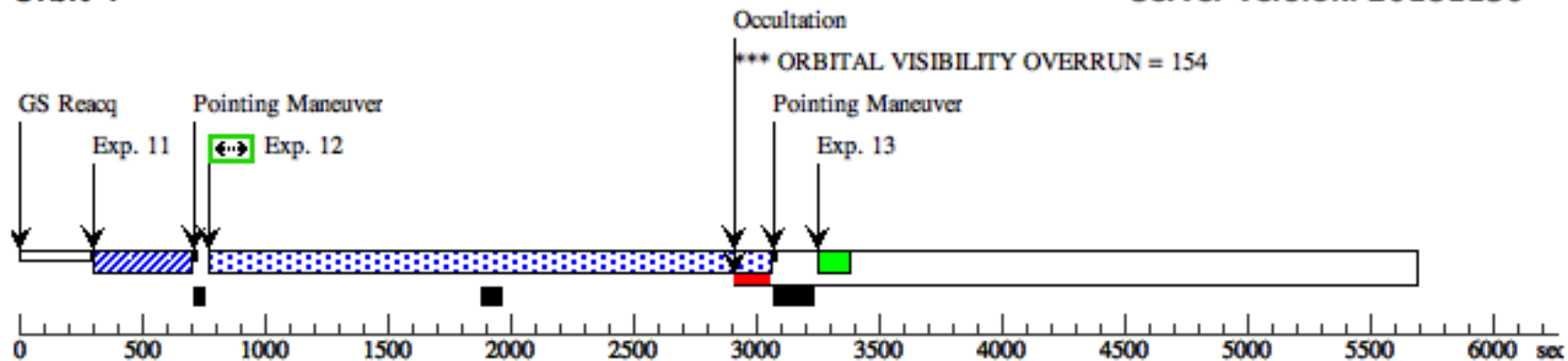
Orbit 3

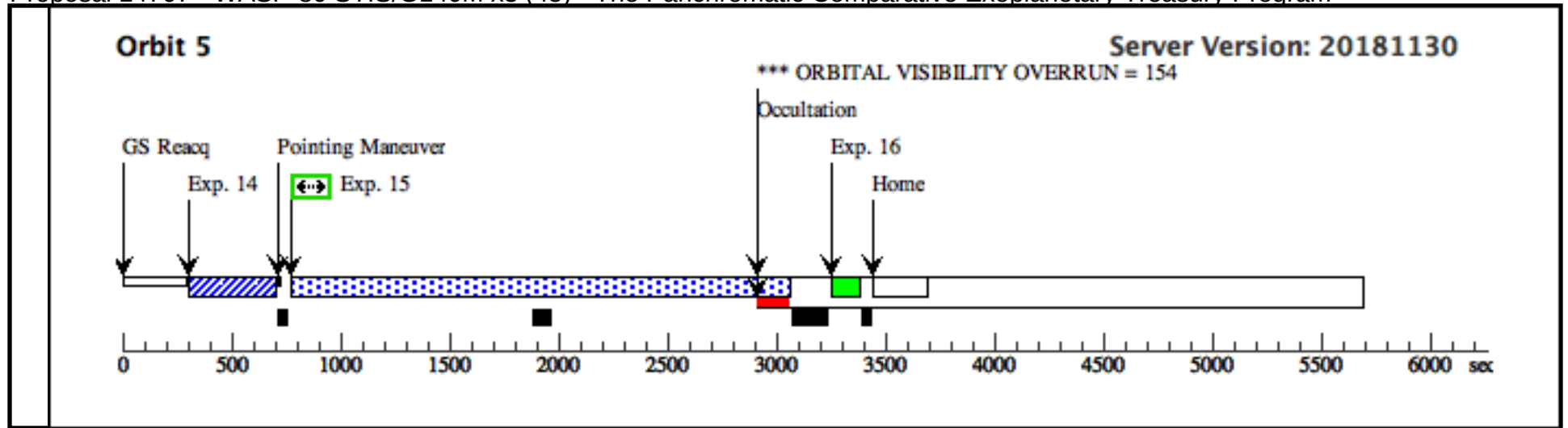
Server Version: 20181130



Orbit 4

Server Version: 20181130



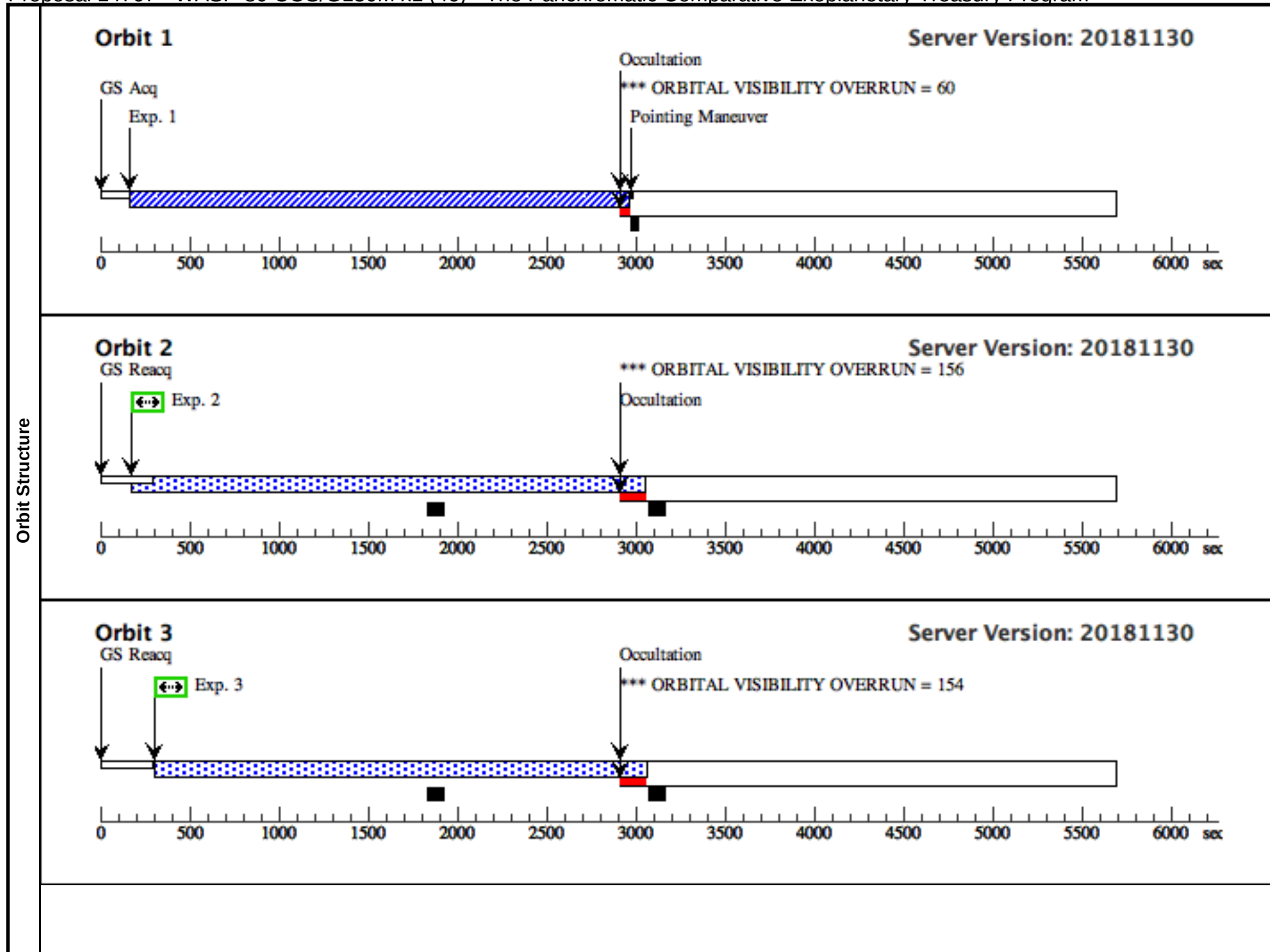


Proposal 14767 - WASP-80 COS/G130M x1 (46) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-80 COS/G130M x1 (46), completed Wed Jun 05 15:15:02 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 20D TO 165 D; ORIENT 205D TO 355 D; BETWEEN 11-JUN-2017 AND 03-SEP-2017; BETWEEN 11-JUN-2018 AND 03-SEP-2018; Period 3.06786144 D AND ZERO-PHASE HJD2456125.416625 <i>Comments: It is essential that the five orbits be scheduled in a continuous block. Please schedule within +/- 6 weeks from opposition (July 23) to minimize the O I airglow.</i>				
Diagnostics	(WASP-80 COS/G130M x1 (46)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (WASP-80 COS/G130M x1 (46)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-80 COS/G130M x1 (46)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-80 COS/G130M x1 (46)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-80 COS/G130M x1 (46)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-80 COS/G130M x1 (46)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(8)	WASP-80	RA: 20 12 40.1656 (303.1673567d) Dec: -02 08 39.19 (-2.14422d) Equinox: J2000	Proper Motion RA: -174.6 mas/yr Proper Motion Dec: -86.1 mas/yr Epoch of Position: 2000	V=11.88 Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

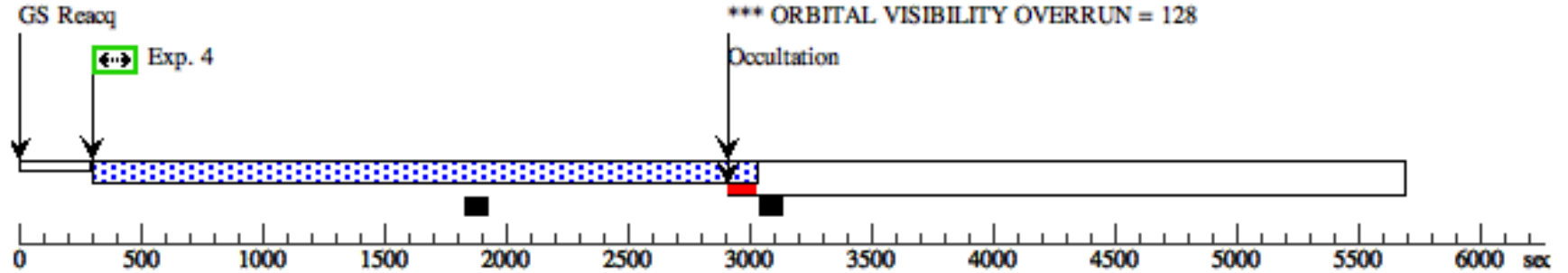
Proposal 14767 - WASP-80 COS/G130M x1 (46) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (COS.ta.101 7986)	(8) WASP-80	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		PHASE 0.9462 TO 0.9561	Sequence 1-1 Non-Int in WASP-80 COS/G130M x1 (46)	1286 Secs (1286 Secs) [==>]	[1]
	Comments: S/N=27.8 is similar to that of S/N=31.6 in COS.ta1015999 obtained by Steven Penton (and similar to S/N=31.4 in COS.ta.1017067 obtained by Gilda Ballester) (all for 1286 secs). The S/N=27.8 was obtained with an estimated spectrum (w80-fmodel_w80www.txt) based on an average of Kurucz 93 models to represent WASP-80 (0.57 Rs, 4150 K, log g=4.59, [Fe/H]=-0.14, at 60 pc) and adding a magnetic-activity emission based on very active M star AD Leo (using a spectrum at Earth from the Virtual Planet Laboratory, adjusted for 60 pc, with continuum removed and emission scaled up by (0.57/0.39)^2) for larger star size.									
	2	WASP-80 C OS/G130M Orbit 3 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[2]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	3	WASP-80 C OS/G130M Orbit 4 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[3]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
Exposures	4	WASP-80 C OS/G130M Orbit 4 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2680 Secs) [==>]	[4]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	5	WASP-80 C OS/G130M Orbit 5 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[5]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									



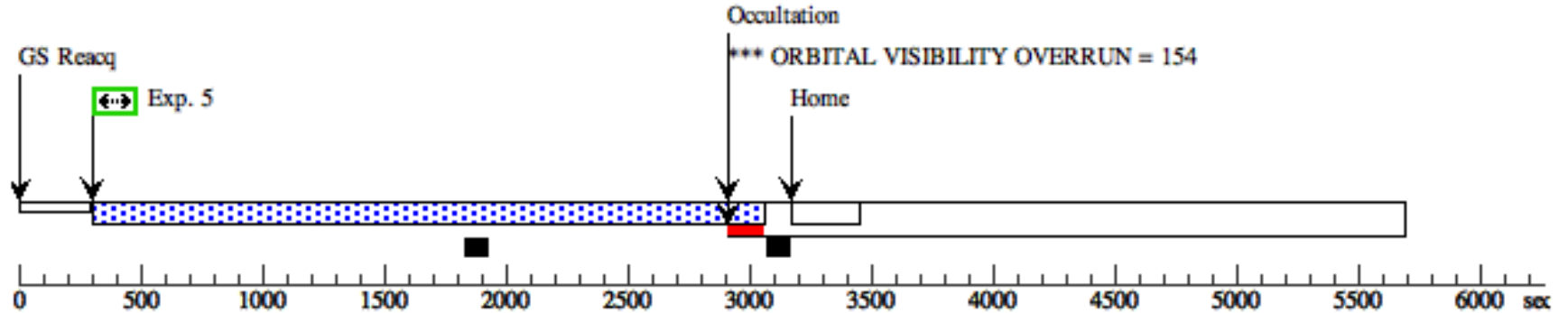
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130

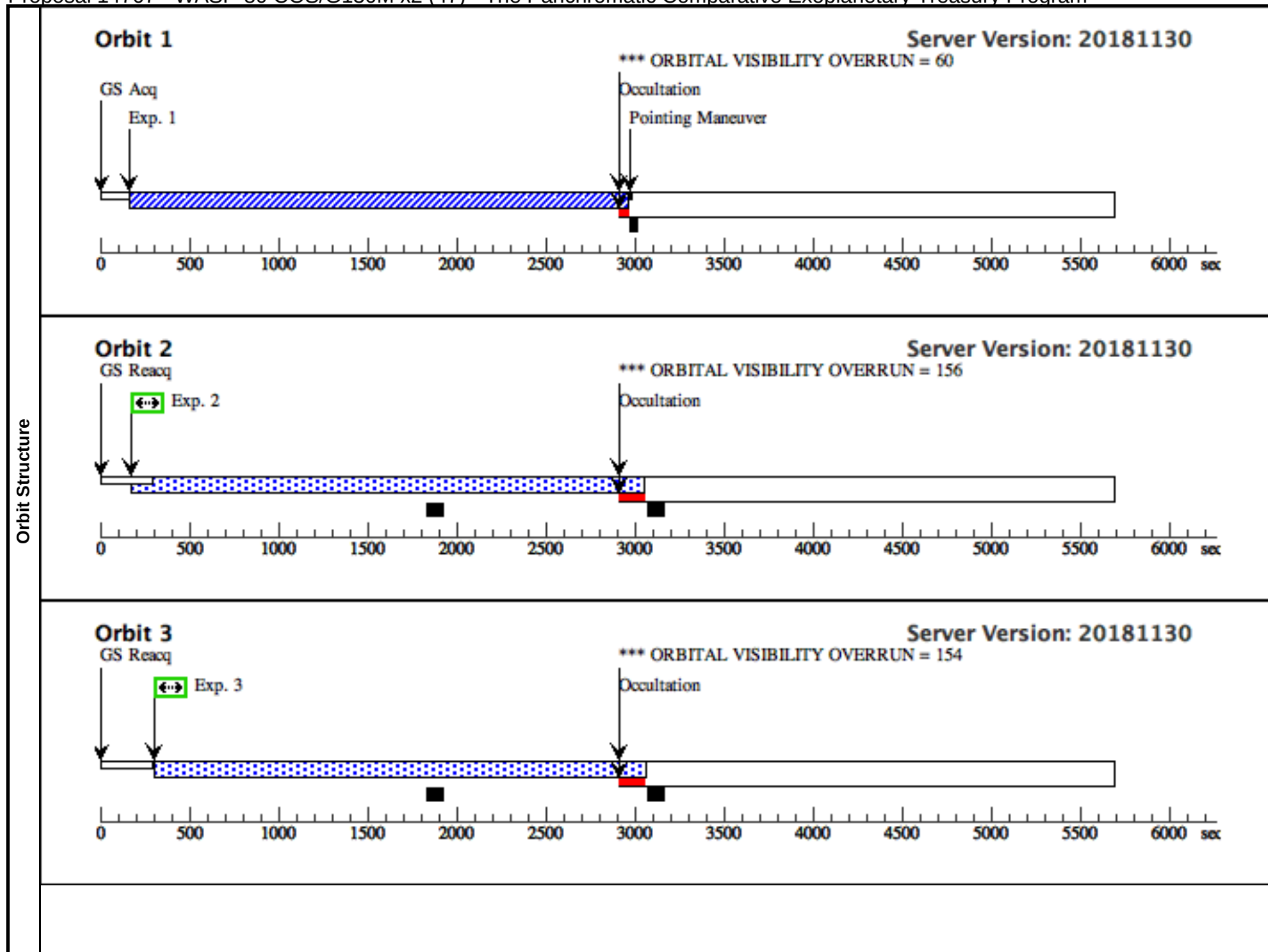


Proposal 14767 - WASP-80 COS/G130M x2 (47) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-80 COS/G130M x2 (47), completed Wed Jun 05 15:15:02 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 20D TO 165 D; ORIENT 205D TO 355 D; BETWEEN 11-JUN-2017 AND 03-SEP-2017; BETWEEN 11-JUN-2018 AND 03-SEP-2018; Period 3.06786144 D AND ZERO-PHASE HJD2456125.416625 <i>Comments: It is essential that the five orbits be scheduled in a continuous block. Please schedule within +/- 6 weeks from opposition (July 23) to minimize the O I airglow.</i>				
Diagnostics	(WASP-80 COS/G130M x2 (47)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (WASP-80 COS/G130M x2 (47)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-80 COS/G130M x2 (47)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-80 COS/G130M x2 (47)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-80 COS/G130M x2 (47)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-80 COS/G130M x2 (47)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(8)	WASP-80	RA: 20 12 40.1656 (303.1673567d) Dec: -02 08 39.19 (-2.14422d) Equinox: J2000	Proper Motion RA: -174.6 mas/yr Proper Motion Dec: -86.1 mas/yr Epoch of Position: 2000	V=11.88 Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

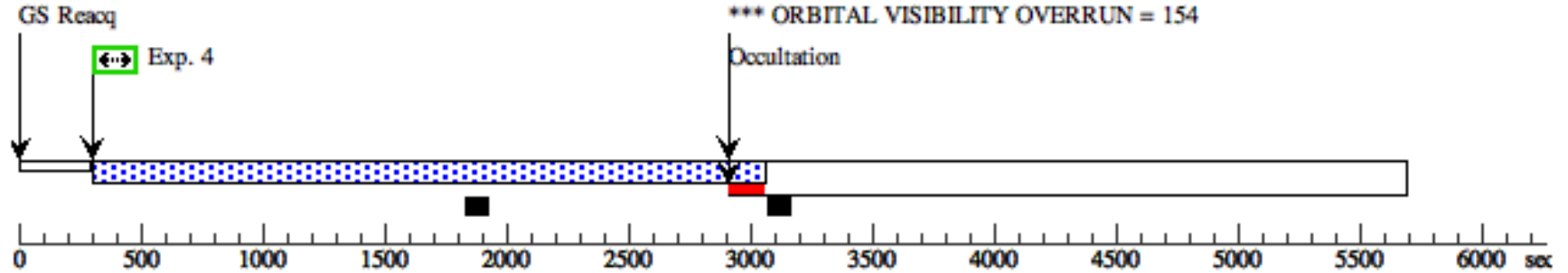
Proposal 14767 - WASP-80 COS/G130M x2 (47) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (COS.ta.101 7986)	(8) WASP-80	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		PHASE 0.9462 TO 0.9561	Sequence 1-1 Non-Int in WASP-80 COS/G130M x2 (47)	1286 Secs (1286 Secs) [==>]	[1]
	Comments: S/N=27.8 is similar to that of S/N=31.6 in COS.ta1015999 obtained by Steven Penton (and similar to S/N=31.4 in COS.ta.1017067 obtained by Gilda Ballester) (all for 1286 secs). The S/N=27.8 was obtained with an estimated spectrum (w80-fmodel_w80www.txt) based on an average of Kurucz 93 models to represent WASP-80 (0.57 Rs, 4150 K, log g=4.59, [Fe/H]=-0.14, at 60 pc) and adding a magnetic-activity emission based on very active M star AD Leo (using a spectrum at Earth from the Virtual Planet Laboratory, adjusted for 60 pc, with continuum removed and emission scaled up by (0.57/0.39)^2) for larger star size.									
	2	WASP-80 C OS/G130M Orbit 2 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[2]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	3	WASP-80 C OS/G130M Orbit 3 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[3]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
Exposures	4	WASP-80 C OS/G130M Orbit 4 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[4]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	5	WASP-80 C OS/G130M Orbit 5 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[5]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									



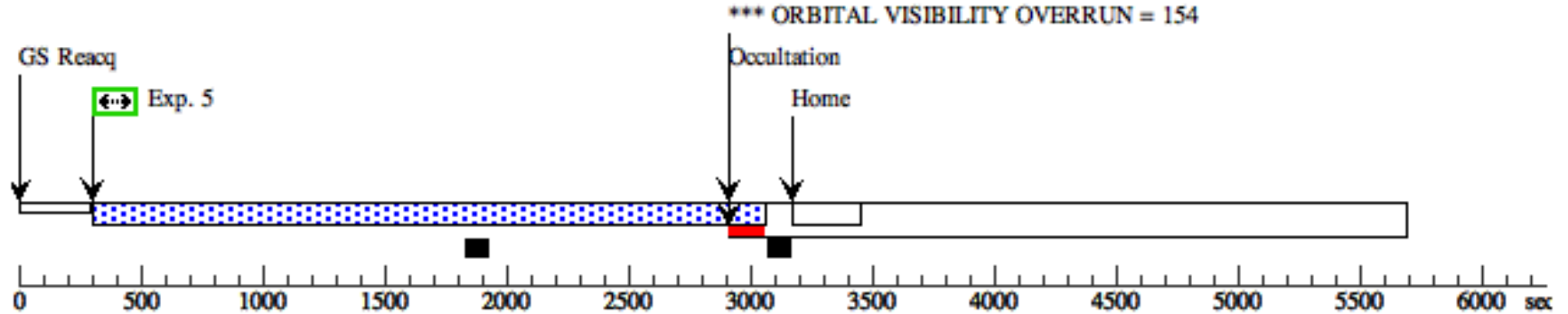
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130

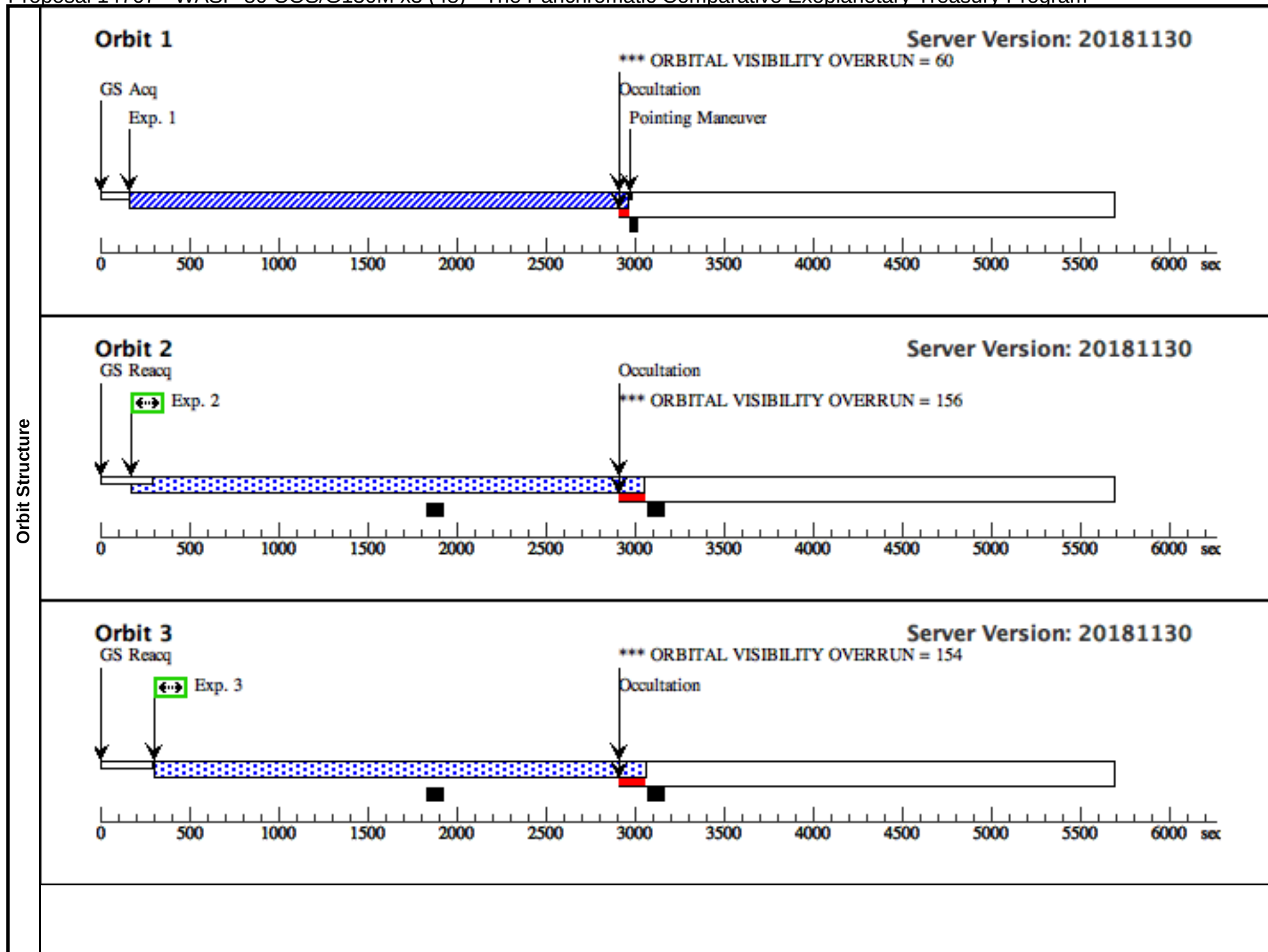


Proposal 14767 - WASP-80 COS/G130M x3 (48) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-80 COS/G130M x3 (48), failed Wed Jun 05 15:15:02 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 20D TO 165 D; ORIENT 205D TO 355 D; BETWEEN 11-JUN-2017 AND 03-SEP-2017; BETWEEN 11-JUN-2018 AND 04-SEP-2018; Period 3.06786144 D AND ZERO-PHASE HJD2456125.416625 <i>Comments: It is essential that the five orbits be scheduled in a continuous block. Please schedule within +/- 3 months from opposition (July 23) to minimize the O I airglow.</i>				
Diagnostics	(WASP-80 COS/G130M x3 (48)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (WASP-80 COS/G130M x3 (48)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-80 COS/G130M x3 (48)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-80 COS/G130M x3 (48)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-80 COS/G130M x3 (48)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-80 COS/G130M x3 (48)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(8)	WASP-80	RA: 20 12 40.1656 (303.1673567d) Dec: -02 08 39.19 (-2.14422d) Equinox: J2000	Proper Motion RA: -174.6 mas/yr Proper Motion Dec: -86.1 mas/yr Epoch of Position: 2000	V=11.88 Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

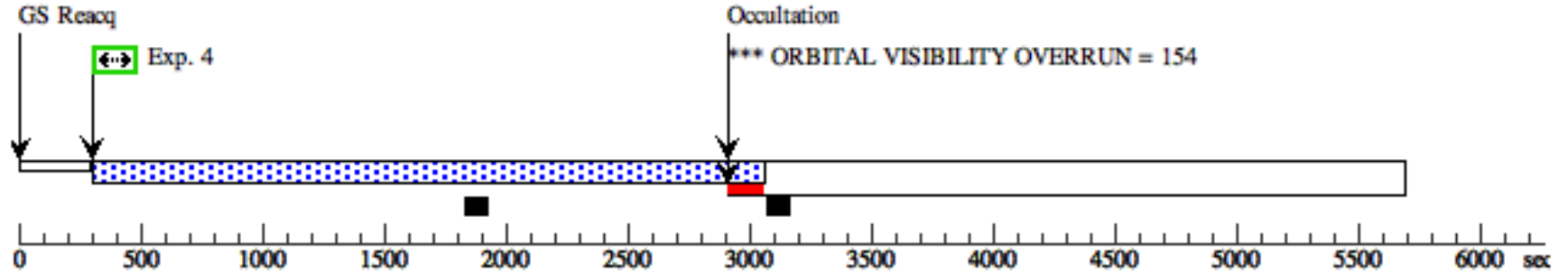
Proposal 14767 - WASP-80 COS/G130M x3 (48) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (COS.ta.101 7986)	(8) WASP-80	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		PHASE 0.9462 TO 0.9583	Sequence 1-1 Non-Int in WASP-80 COS/G130M x3 (48)	1286 Secs (1286 Secs) [==>]	[1]
	Comments: S/N=27.8 is similar to that of S/N=31.6 in COS.ta1015999 obtained by Steven Penton (and similar to S/N=31.4 in COS.ta.1017067 obtained by Gilda Ballester) (all for 1286 secs). The S/N=27.8 was obtained with an estimated spectrum (w80-fmodel_w80www.txt) based on an average of Kurucz 93 models to represent WASP-80 (0.57 Rs, 4150 K, log g=4.59, [Fe/H]=-0.14, at 60 pc) and adding a magnetic-activity emission based on very active M star AD Leo (using a spectrum at Earth from the Virtual Planet Laboratory, adjusted for 60 pc, with continuum removed and emission scaled up by (0.57/0.39)^2) for larger star size.									
	2	WASP-80 C OS/G130M Orbit 2 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[2]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	3	WASP-80 C OS/G130M Orbit 3 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[3]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
Exposures	4	WASP-80 C OS/G130M Orbit 4 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[4]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	5	WASP-80 C OS/G130M Orbit 5 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[5]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									



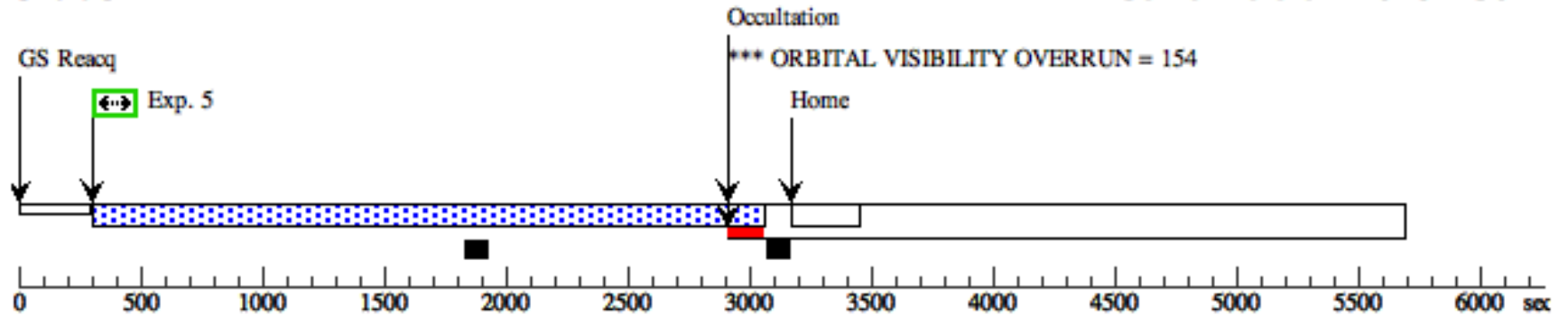
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130

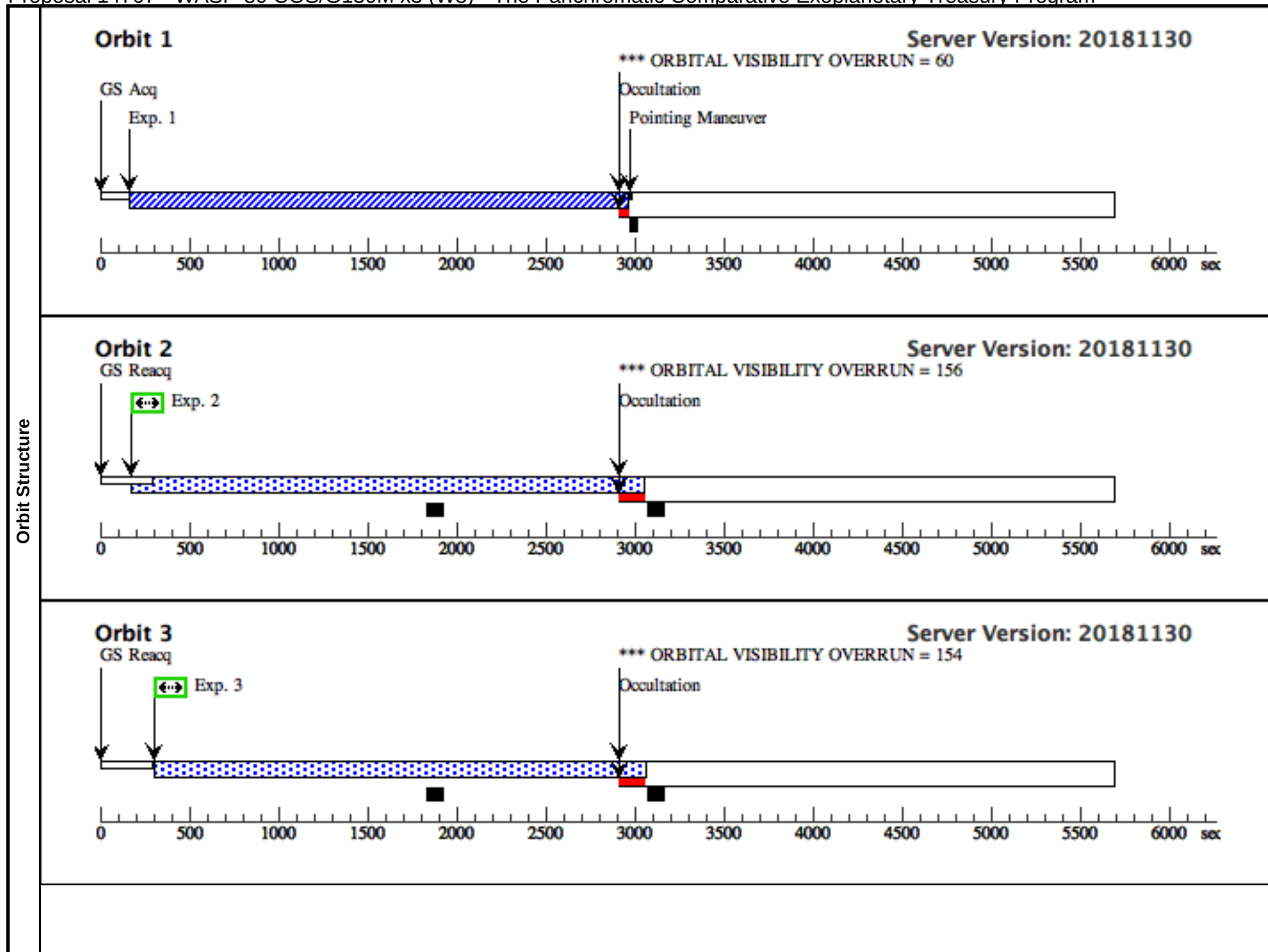


Proposal 14767 - WASP-80 COS/G130M x3 (W8) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-80 COS/G130M x3 (W8), scheduling Wed Jun 05 15:15:02 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 20D TO 165 D; ORIENT 205D TO 355 D; BETWEEN 11-JUN-2019 AND 04-SEP-2019; Period 3.06786144 D AND ZERO-PHASE HJD2456125.416625 <i>Comments: It is essential that the five orbits be scheduled in a continuous block. Please schedule within +/- 3 months from opposition (July 23) to minimize the O I airglow.</i>				
Diagnostics	(WASP-80 COS/G130M x3 (W8)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.				
	(WASP-80 COS/G130M x3 (W8)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(WASP-80 COS/G130M x3 (W8)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(WASP-80 COS/G130M x3 (W8)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(WASP-80 COS/G130M x3 (W8)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(WASP-80 COS/G130M x3 (W8)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(8)	WASP-80	RA: 20 12 40.1656 (303.1673567d)	Proper Motion RA: -174.6 mas/yr	V=11.88
			Dec: -02 08 39.19 (-2.14422d)	Proper Motion Dec: -86.1 mas/yr	
			Equinox: J2000	Epoch of Position: 2000	
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

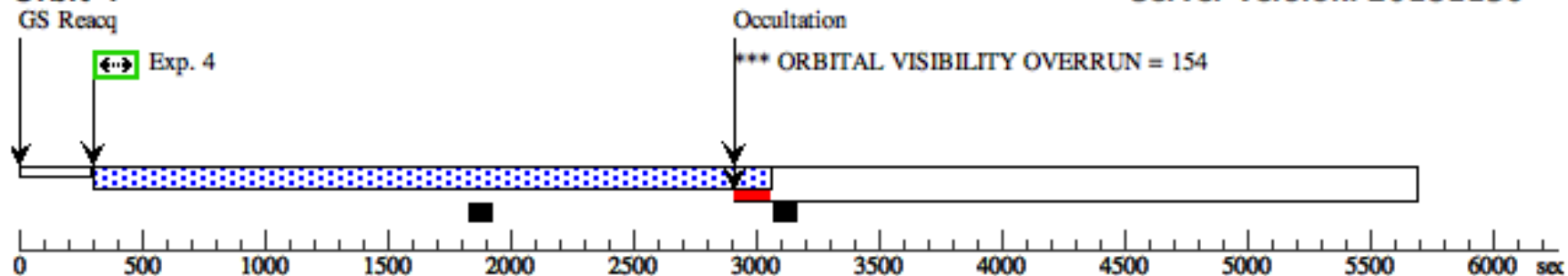
Proposal 14767 - WASP-80 COS/G130M x3 (W8) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (COS.ta.101 7986)	(8) WASP-80	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		PHASE 0.9462 TO 0.9583	Sequence 1-1 Non-Int in WASP-80 COS/G130M x3 (W8)	1286 Secs (1286 Secs) [==>]	[1]
	Comments: S/N=27.8 is similar to that of S/N=31.6 in COS.ta1015999 obtained by Steven Penton (and similar to S/N=31.4 in COS.ta.1017067 obtained by Gilda Ballester) (all for 1286 secs). The S/N=27.8 was obtained with an estimated spectrum (w80-fmodel_w80www.txt) based on an average of Kurucz 93 models to represent WASP-80 (0.57 Rs, 4150 K, log g=4.59, [Fe/H]=-0.14, at 60 pc) and adding a magnetic-activity emission based on very active M star AD Leo (using a spectrum at Earth from the Virtual Planet Laboratory, adjusted for 60 pc, with continuum removed and emission scaled up by (0.57/0.39)^2) for larger star size.									
	2	WASP-80 C OS/G130M Orbit 2 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[2]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	3	WASP-80 C OS/G130M Orbit 3 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[3]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	4	WASP-80 C OS/G130M Orbit 4 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[4]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									
	5	WASP-80 C OS/G130M Orbit 5 (COS.sp.827 195)	(8) WASP-80	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=1500; SEGMENT=BOTH; FP-POS=4; LIFETIME-POS=L P4			2680 Secs (2706 Secs) [==>2706.0 Secs]	[5]
	Comments: ETC for STIS+COS spectrum of FUV-brighter star HD 189733.									



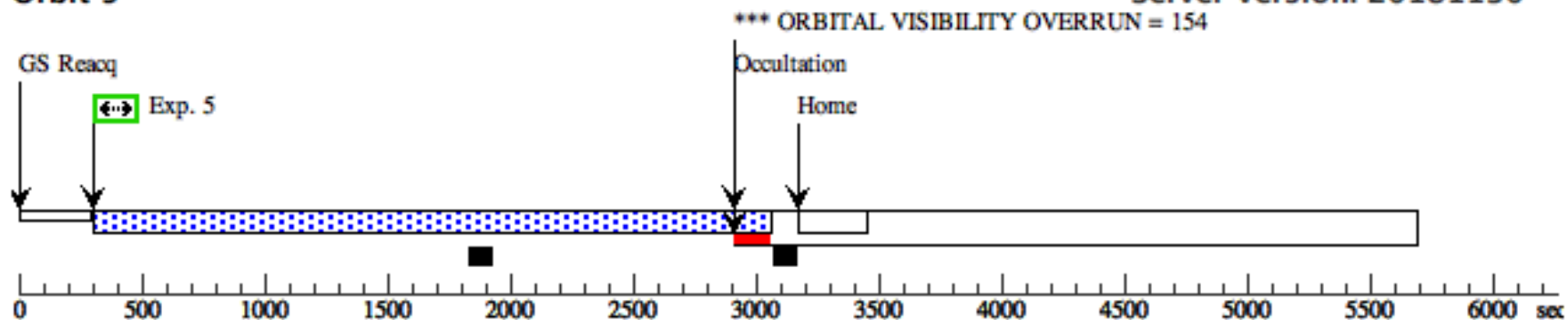
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - WASP-6 WFC3 Transit (49) - The Panchromatic Comparative Exoplanetary Treasury Program

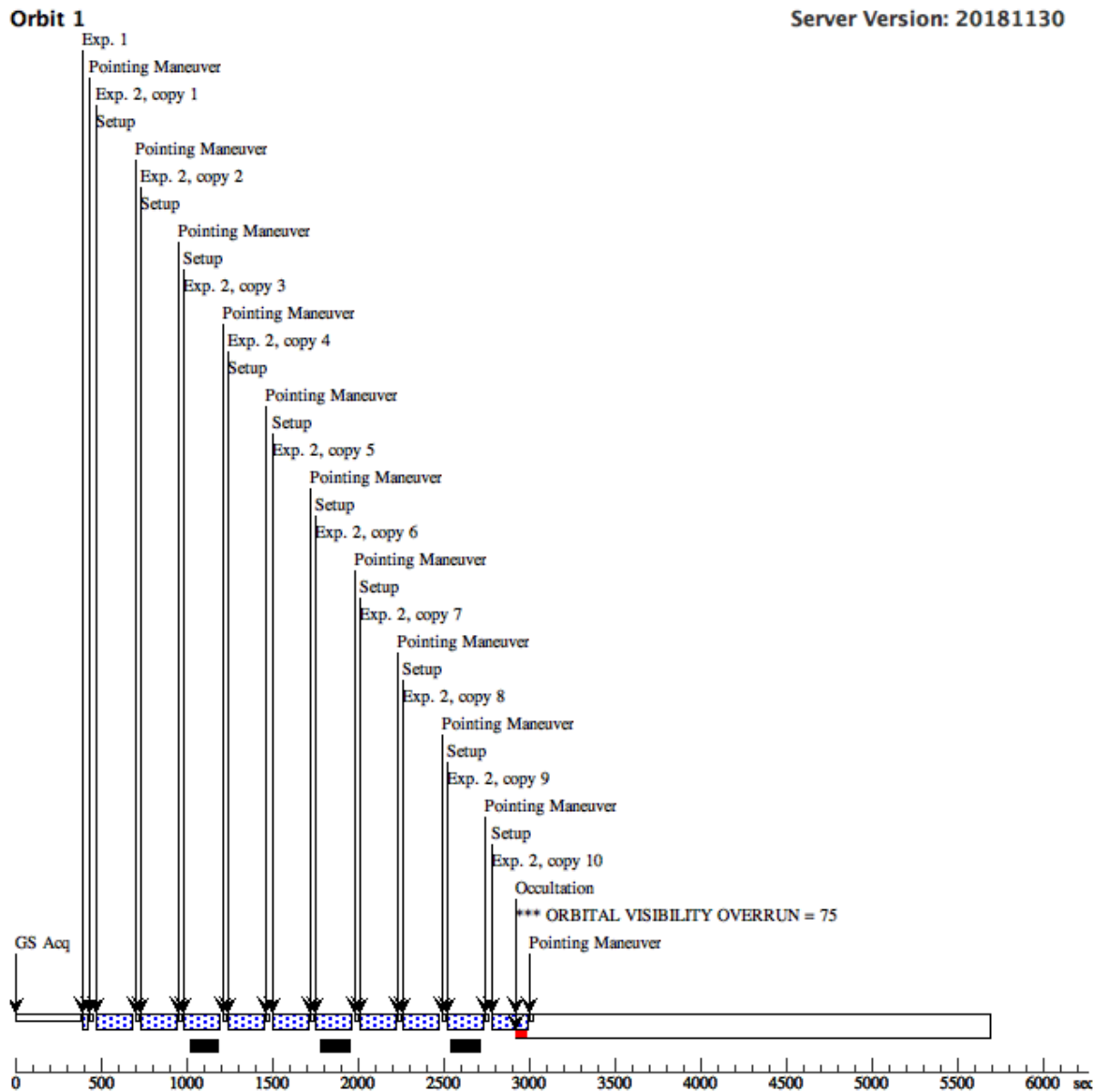
Visit	Proposal 14767, WASP-6 WFC3 Transit (49), completed Wed Jun 05 15:15:02 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 3.36100208 D AND ZERO-PHASE HJD2454425.02180 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>				
Diagnostics	(WASP-6 WFC3 Transit (49)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-6 WFC3 Transit (49)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-6 WFC3 Transit (49)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-6 WFC3 Transit (49)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-6 WFC3 Transit (49)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	WASP-6	RA: 23 12 37.7510 (348.1572958d) Dec: -22 40 26.16 (-22.67393d) Equinox: J2000	Proper Motion RA: -12.0 mas/yr Proper Motion Dec: -32.2 mas/yr Epoch of Position: 2000	V=11.91 Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANET, G V-IV] Extended=NO				

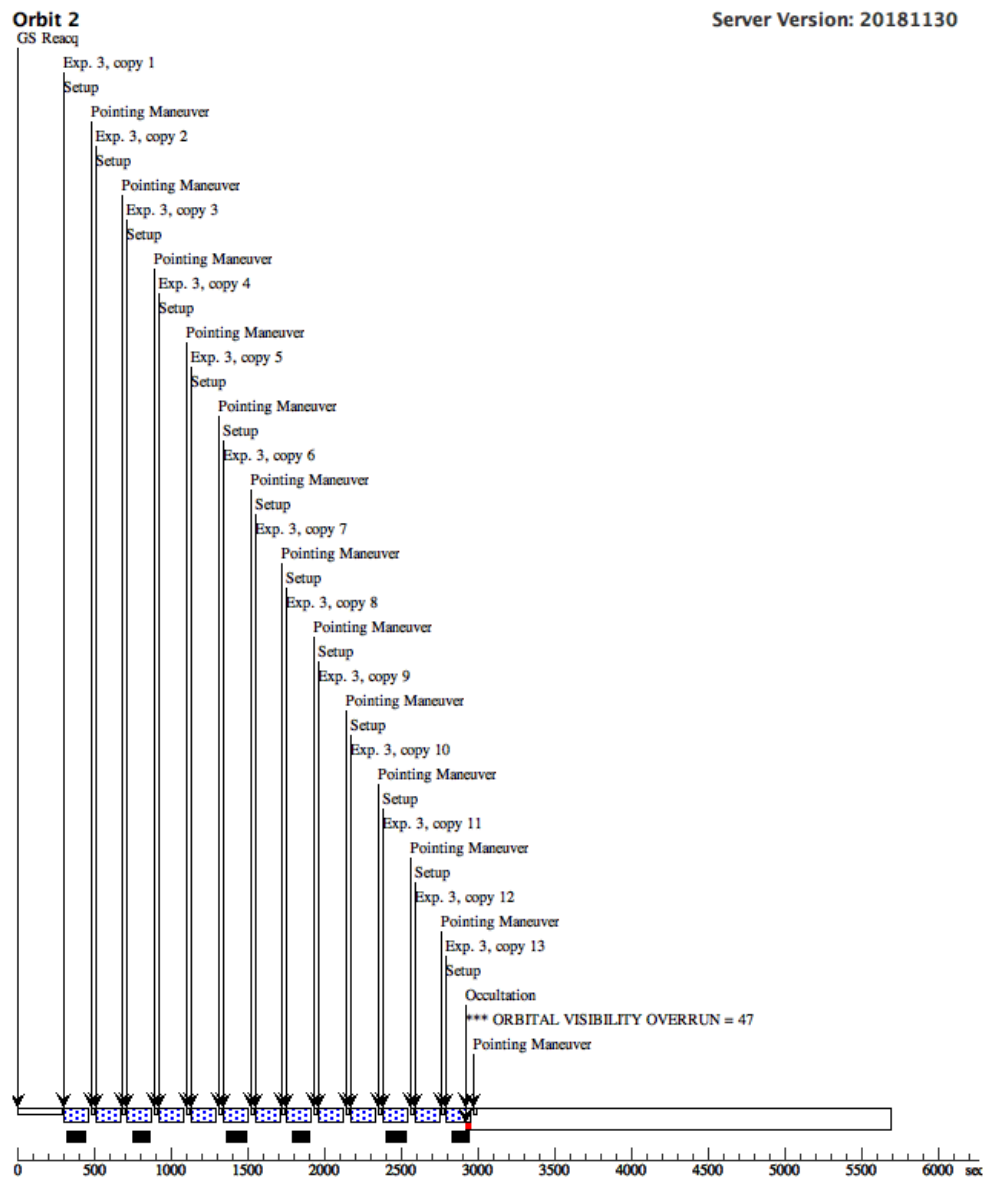
Proposal 14767 - WASP-6 WFC3 Transit (49) - The Panchromatic Comparative Exoplanetary Treasury Program

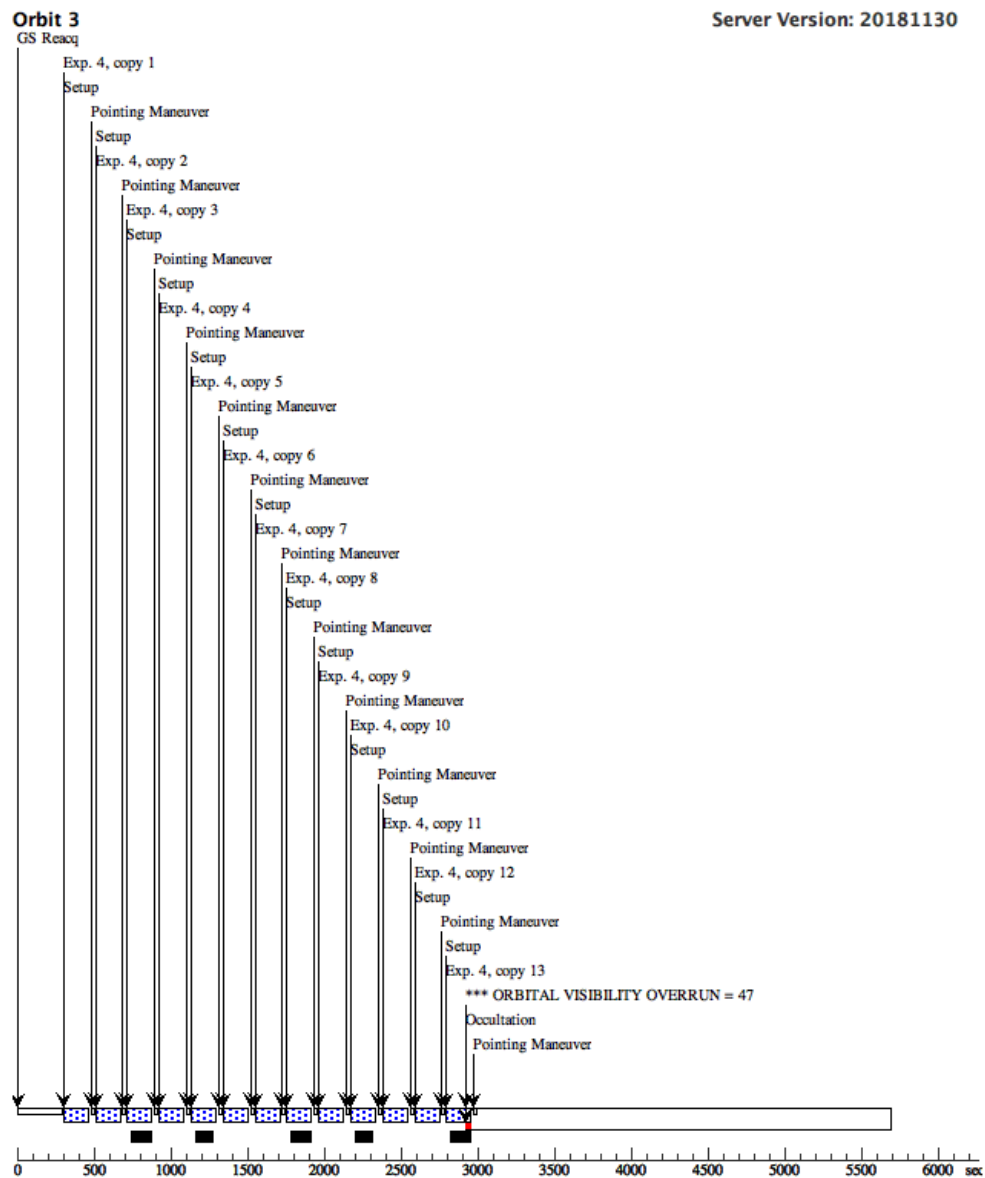
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) WASP-6	WFC3/IR, MULTIACCUM, GRISM512	F139M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9425 TO 0.9497	Sequence 1-2 Non-Int in WASP-6 WFC3 Transit (49)	4.265135 Secs (4.265 Secs) [==>]	[1]
	Comments: The Filter image aperture has been changed to the GRISM512 from IRSUB512 to match the correct procedures as described in the handbook and obtain the correct wavelength calibration position.									
	2		(9) WASP-6	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=9	POS TARG -24,-8; SPATIAL SCAN 0.0 6,90.0 Degrees,Forward	Sequence 1-2 Non-Int in WASP-6 WFC3 Transit (49)	184.223035 Secs X 10 (1842.23 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[1]
	3		(9) WASP-6	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-8; SPATIAL SCAN 0.0 6,90.0 Degrees,Forward	Sequence 3-3 Non-Int in WASP-6 WFC3 Transit (49)	138.380533 Secs X 13 (1798.947 Secs) [==>(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)]	[2]

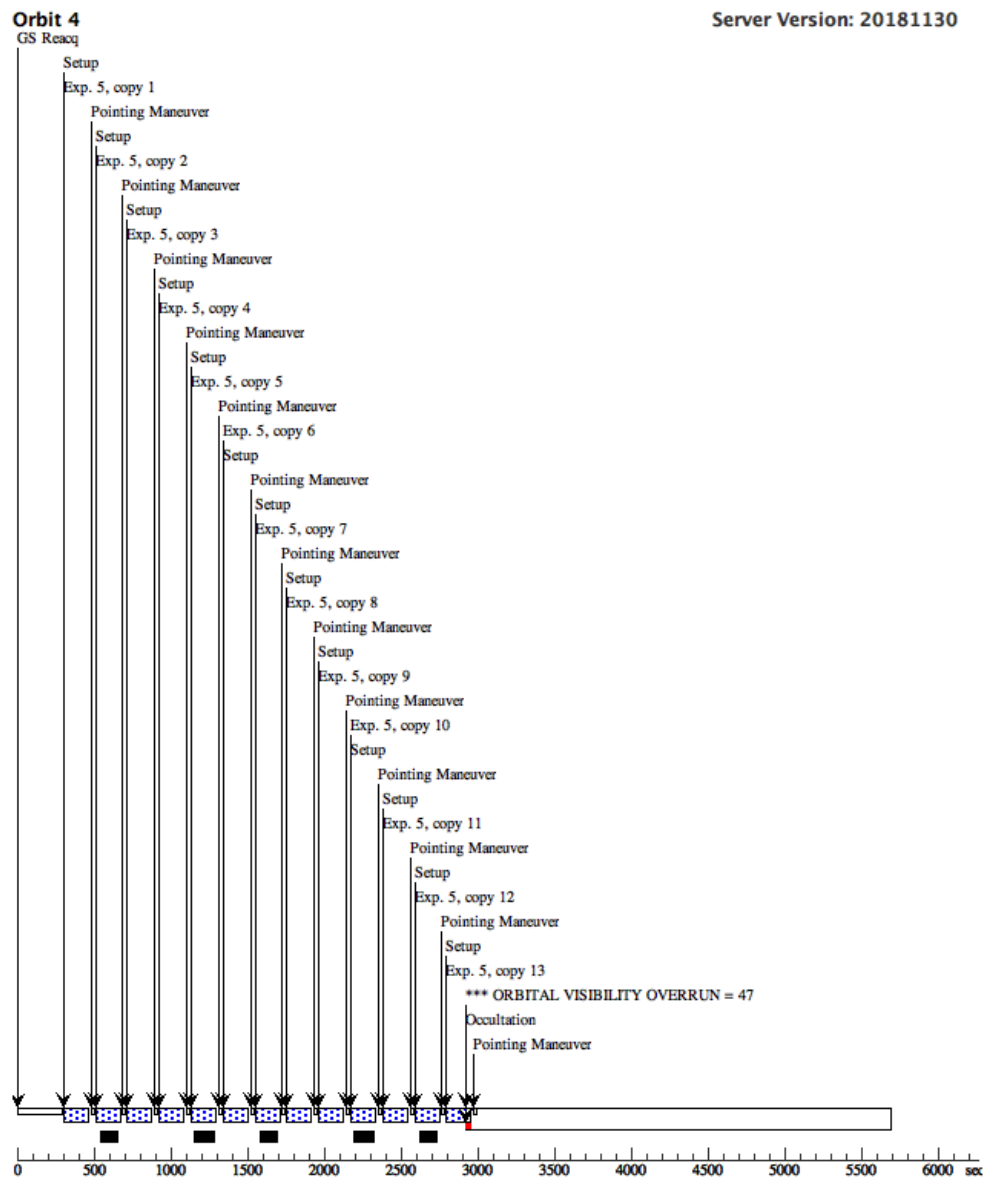
Proposal 14767 - WASP-6 WFC3 Transit (49) - The Panchromatic Comparative Exoplanetary Treasury Program

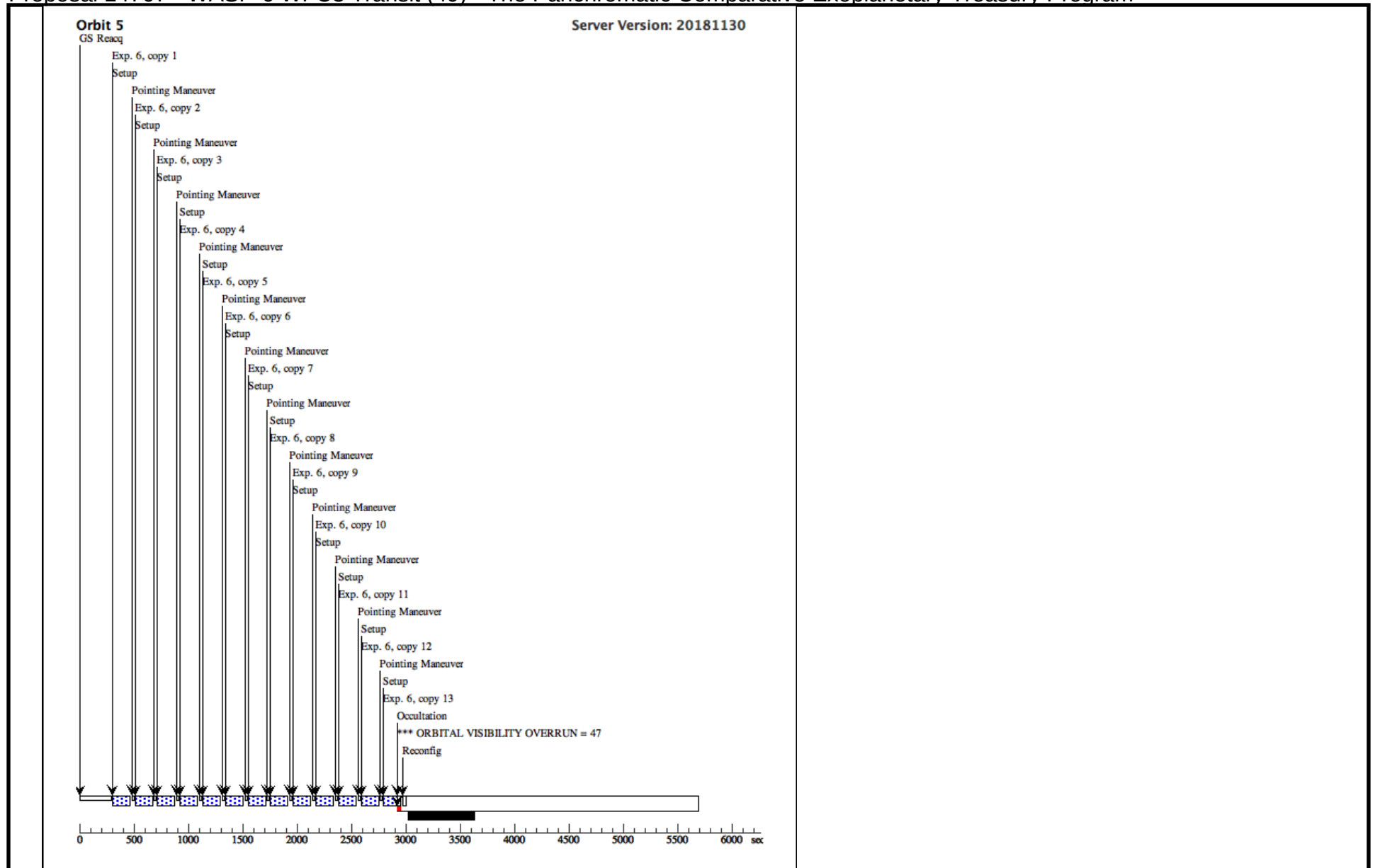
4	(9) WASP-6	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-8; SPATIAL SCAN 0.0 6,90.0 Degrees,Forward	Sequence 4-4 Non-Int in WASP-6 WFC3 Transit (49)	138.380533 Secs X 13 (1798.947 Secs)	[3]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	
5	(9) WASP-6	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-8; SPATIAL SCAN 0.0 6,90.0 Degrees,Forward	Sequence 5-5 Non-Int in WASP-6 WFC3 Transit (49)	138.380533 Secs X 13 (1798.947 Secs)	[4]
							[==>(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)]	
6	(9) WASP-6	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-8; SPATIAL SCAN 0.0 6,90.0 Degrees,Forward	Sequence 6-6 Non-Int in WASP-6 WFC3 Transit (49)	138.380533 Secs X 13 (1798.947 Secs)	[5]
							[==>(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)]	











Proposal 14767 - HD-189733 COS/G130M x1 (50) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HD-189733 COS/G130M x1 (50), completed	Wed Jun 05 15:15:02 GMT 2019
	Diagnostic Status: Error	
	Scientific Instruments: COS/FUV, COS/NUV	
	Special Requirements: SCHED 100%; BETWEEN 20-APR-2017 AND 20-OCT-2017; BETWEEN 20-APR-2018 AND 20-OCT-2018; Period 2.2185752 D AND ZERO-PHASE HJD2454279.436714	
	Comments: It is essential that the five orbits be scheduled in a continuous block. Please schedule within +/- 3 months from opposition (July 20) to minimize the O I airglow. Visit covering mid-transit.	

Proposal 14767 - HD-189733 COS/G130M x1 (50) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics	(HD-189733 COS/G130M Orbit 1 (50.004)) Error (Form): 1 is not a valid selection
	(HD-189733 COS/G130M Orbit 1 (50.004)) Error (Form): 1 is not a valid selection
	(HD-189733 COS/G130M Orbit 1 (50.004)) Error (Form): BOTH is not a valid selection
	(HD-189733 COS/G130M Orbit 1 (50.004)) Error (Form): BOTH is not a valid selection
	(HD-189733 COS/G130M Orbit 1 (50.004)) Error (Form): Illegal selection: 1291.
	(HD-189733 COS/G130M Orbit 1 (50.004)) Error (Form): LIFETIME-POS is a required field.
	(HD-189733 COS/G130M Orbit 1 (50.004)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HD-189733 COS/G130M Orbit 1 (50.004)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=1. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD-189733 COS/G130M Orbit 1 (50.004)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD-189733 COS/G130M Orbit 1 (50.004)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD-189733 COS/G130M Orbit 2 (50.005)) Error (Form): 1 is not a valid selection
	(HD-189733 COS/G130M Orbit 2 (50.005)) Error (Form): 1 is not a valid selection
	(HD-189733 COS/G130M Orbit 2 (50.005)) Error (Form): BOTH is not a valid selection
	(HD-189733 COS/G130M Orbit 2 (50.005)) Error (Form): BOTH is not a valid selection
	(HD-189733 COS/G130M Orbit 2 (50.005)) Error (Form): Illegal selection: 1291.
	(HD-189733 COS/G130M Orbit 2 (50.005)) Error (Form): LIFETIME-POS is a required field.
	(HD-189733 COS/G130M Orbit 2 (50.005)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HD-189733 COS/G130M Orbit 2 (50.005)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=1. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD-189733 COS/G130M Orbit 2 (50.005)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD-189733 COS/G130M Orbit 2 (50.005)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD-189733 COS/G130M Orbit 3 (50.006)) Error (Form): 1 is not a valid selection
	(HD-189733 COS/G130M Orbit 3 (50.006)) Error (Form): 1 is not a valid selection
	(HD-189733 COS/G130M Orbit 3 (50.006)) Error (Form): BOTH is not a valid selection
	(HD-189733 COS/G130M Orbit 3 (50.006)) Error (Form): BOTH is not a valid selection
	(HD-189733 COS/G130M Orbit 3 (50.006)) Error (Form): Illegal selection: 1291.
	(HD-189733 COS/G130M Orbit 3 (50.006)) Error (Form): LIFETIME-POS is a required field.
	(HD-189733 COS/G130M Orbit 3 (50.006)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HD-189733 COS/G130M Orbit 3 (50.006)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=1. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD-189733 COS/G130M Orbit 3 (50.006)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD-189733 COS/G130M Orbit 3 (50.006)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null
	(HD-189733 COS/G130M Orbit 4 (50.007)) Error (Form): 1 is not a valid selection
	(HD-189733 COS/G130M Orbit 4 (50.007)) Error (Form): 1 is not a valid selection
	(HD-189733 COS/G130M Orbit 4 (50.007)) Error (Form): BOTH is not a valid selection
	(HD-189733 COS/G130M Orbit 4 (50.007)) Error (Form): BOTH is not a valid selection
	(HD-189733 COS/G130M Orbit 4 (50.007)) Error (Form): Illegal selection: 1291.
	(HD-189733 COS/G130M Orbit 4 (50.007)) Error (Form): LIFETIME-POS is a required field.
	(HD-189733 COS/G130M Orbit 4 (50.007)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode.
	(HD-189733 COS/G130M Orbit 4 (50.007)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=1. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null

Proposal 14767 - HD-189733 COS/G130M x1 (50) - The Panchromatic Comparative Exoplanetary Treasury Program

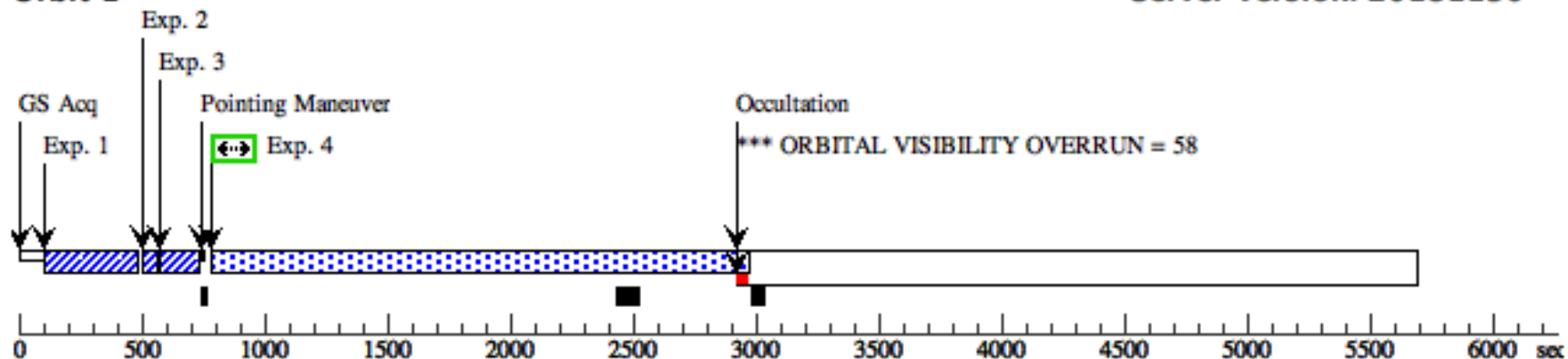
(HD-189733 COS/G130M Orbit 4 (50.007)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD-189733 COS/G130M Orbit 4 (50.007)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD-189733 COS/G130M Orbit 5 (50.008)) Error (Form): 1 is not a valid selection (HD-189733 COS/G130M Orbit 5 (50.008)) Error (Form): 1 is not a valid selection (HD-189733 COS/G130M Orbit 5 (50.008)) Error (Form): BOTH is not a valid selection (HD-189733 COS/G130M Orbit 5 (50.008)) Error (Form): BOTH is not a valid selection (HD-189733 COS/G130M Orbit 5 (50.008)) Error (Form): Illegal selection: 1291. (HD-189733 COS/G130M Orbit 5 (50.008)) Error (Form): LIFETIME-POS is a required field. (HD-189733 COS/G130M Orbit 5 (50.008)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HD-189733 COS/G130M Orbit 5 (50.008)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FP-POS=1. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD-189733 COS/G130M Orbit 5 (50.008)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=SEGMENT=BOTH. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD-189733 COS/G130M Orbit 5 (50.008)) Error (Form): This attribute cannot have this value due to other choices: Wavelength=1291. FP-POS 1/2/ALL and Segment B/Both are restricted with 1291 on LIFETIME-POS LP4/null (HD-189733 COS/G130M x1 (50)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (HD-189733 COS/G130M x1 (50)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-189733 COS/G130M x1 (50)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-189733 COS/G130M x1 (50)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-189733 COS/G130M x1 (50)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-189733 COS/G130M x1 (50)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	HD-189733	RA: 20 00 43.7135 (300.1821396d) Dec: +22 42 39.06 (22.71085d) Equinox: J2000	Proper Motion RA: -2.14 mas/yr Proper Motion Dec: -251.40 mas/yr Epoch of Position: 2000	V=7.648	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV]					
	Extended=NO					

Proposal 14767 - HD-189733 COS/G130M x1 (50) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ-SEAR CH (COS.ta.841 447)	(10) HD-189733	COS/NUV, ACQ/SEARCH, PSA	G230L 3000 A	SCAN-SIZE=2; STEP-SIZE=1.767; CENTER=DEF	PHASE 0.9155 TO 0 .9370	Sequence 1-4 Non-In t in HD-189733 COS /G130M x1 (50)	2 Secs (2 Secs) [==>]	[1]
	2	ACQ-PEAK XD (COS.ta.841 448)	(10) HD-189733	COS/NUV, ACQ/PEAKXD, PSA	G230L 3000 A	STRIPE=MEDIUM		Sequence 1-4 Non-In t in HD-189733 COS /G130M x1 (50)	2 Secs (2 Secs) [==>]	[1]
	3	ACQ-PEAK D (COS.ta.841 447)	(10) HD-189733	COS/NUV, ACQ/PEAKD, PSA	G230L 3000 A	NUM-POS=5; STEP-SIZE=0.9; CENTER=FLUX-W T-FLR		Sequence 1-4 Non-In t in HD-189733 COS /G130M x1 (50)	2 Secs (2 Secs) [==>]	[1]
	4	HD-189733 COS/G130 M Orbit 1 (COS.sp.827 195)	(10) HD-189733	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1		Sequence 1-4 Non-In t in HD-189733 COS /G130M x1 (50)	2200 Secs (2018 Secs) [==>2018.0 Secs]	[1]
	<i>Comments: ETC for a composite COS+STIS spectrum of the star.</i>									
	5	HD-189733 COS/G130 M Orbit 2 (COS.sp.827 195)	(10) HD-189733	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1			2680 Secs (2707 Secs) [==>2707.0 Secs]	[2]
	<i>Comments: ETC for a composite COS+STIS spectrum of the star.</i>									
	6	HD-189733 COS/G130 M Orbit 3 (COS.sp.827 195)	(10) HD-189733	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1			2680 Secs (2707 Secs) [==>2707.0 Secs]	[3]
	<i>Comments: ETC for a composite COS+STIS spectrum of the star.</i>									
	7	HD-189733 COS/G130 M Orbit 4 (COS.sp.827 195)	(10) HD-189733	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1			2680 Secs (2707 Secs) [==>2707.0 Secs]	[4]
	<i>Comments: ETC for a composite COS+STIS spectrum of the star.</i>									
	8	HD-189733 COS/G130 M Orbit 5 (COS.sp.827 195)	(10) HD-189733	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=1			2680 Secs (2707 Secs) [==>2707.0 Secs]	[5]
	<i>Comments: ETC for a composite COS+STIS spectrum of the star.</i>									

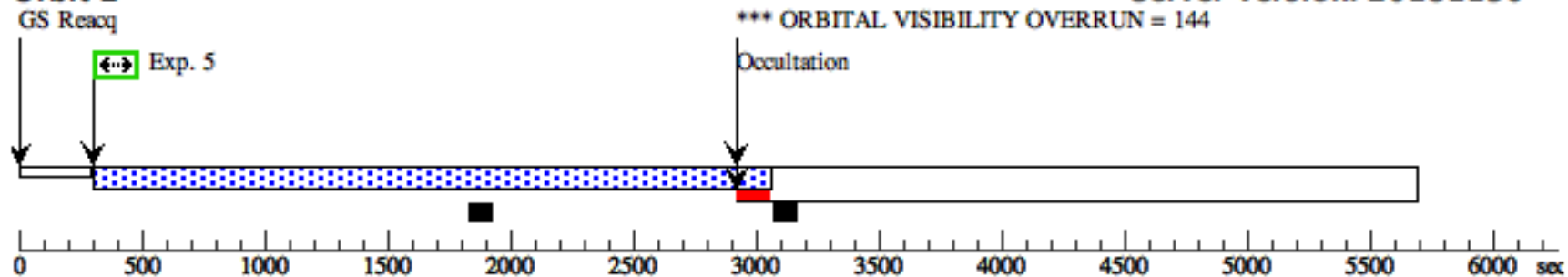
Orbit 1

Server Version: 20181130



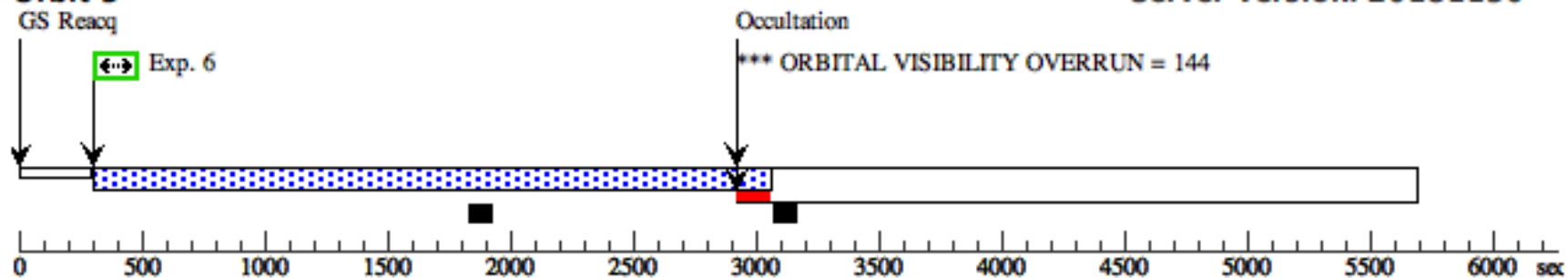
Orbit 2

Server Version: 20181130



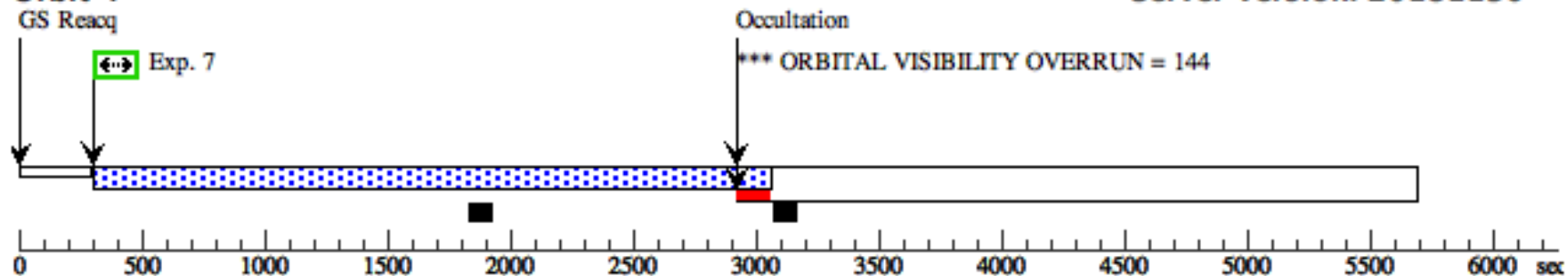
Orbit 3

Server Version: 20181130



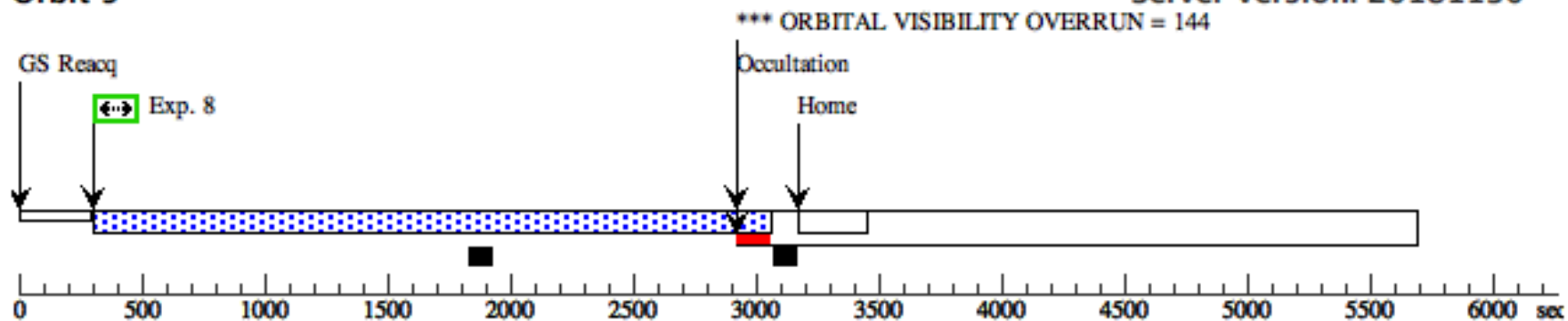
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - HD-189733 COS/G130M x2 (51) - The Panchromatic Comparative Exoplanetary Treasury Program

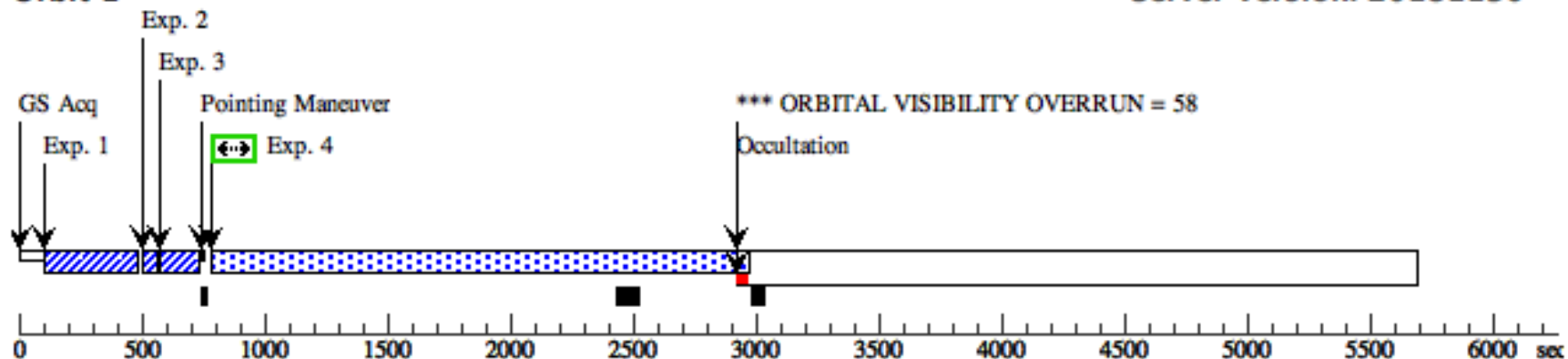
Visit	Proposal 14767, HD-189733 COS/G130M x2 (51), completed Wed Jun 05 15:15:02 GMT 2019				
	Diagnostic Status: Error Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 20-APR-2017 AND 20-OCT-2017; BETWEEN 20-APR-2018 AND 20-OCT-2018; Period 2.2185752 D AND ZERO-PHASE HJD2454279.436714 <i>Comments: It is essential that the five orbits be scheduled in a continuous block. Please schedule within +/- 3 months from opposition (July 20) to minimize the O I airglow.</i>				
Diagnostics	(HD-189733 COS/G130M Orbit 1 (51.004)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HD-189733 COS/G130M Orbit 2 (51.005)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HD-189733 COS/G130M Orbit 3 (51.006)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HD-189733 COS/G130M Orbit 4 (51.007)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HD-189733 COS/G130M Orbit 5 (51.008)) Error (Form): LIFETIME-POS is required with G130M when not in Supported mode. (HD-189733 COS/G130M x2 (51)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (HD-189733 COS/G130M x2 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-189733 COS/G130M x2 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-189733 COS/G130M x2 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-189733 COS/G130M x2 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HD-189733 COS/G130M x2 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(10)	HD-189733	RA: 20 00 43.7135 (300.1821396d) Dec: +22 42 39.06 (22.71085d) Equinox: J2000	Proper Motion RA: -2.14 mas/yr Proper Motion Dec: -251.40 mas/yr Epoch of Position: 2000	V=7.648 Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO				

Proposal 14767 - HD-189733 COS/G130M x2 (51) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ (COS.ta.841 447)	(10) HD-189733	COS/NUV, ACQ/SEARCH, PSA	G230L 3000 A	SCAN-SIZE=2; STEP-SIZE=1.767; CENTER=DEF	PHASE 0.9155 TO 0 .9370	Sequence 1-4 Non-In t in HD-189733 COS /G130M x2 (51)	2 Secs (2 Secs) [==>]	[1]
	2	ACQ (COS.ta.841 448)	(10) HD-189733	COS/NUV, ACQ/PEAKXD, PSA	G230L 3000 A	STRIPE=MEDIUM		Sequence 1-4 Non-In t in HD-189733 COS /G130M x2 (51)	2 Secs (2 Secs) [==>]	[1]
	3	ACQ (COS.ta.841 447)	(10) HD-189733	COS/NUV, ACQ/PEAKD, PSA	G230L 3000 A	NUM-POS=5; STEP-SIZE=0.9; CENTER=FLUX-W T-FLR		Sequence 1-4 Non-In t in HD-189733 COS /G130M x2 (51)	2 Secs (2 Secs) [==>]	[1]
	4	HD-189733 COS/G130 M Orbit 1 (COS.sp.827 195)	(10) HD-189733	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=3		Sequence 1-4 Non-In t in HD-189733 COS /G130M x2 (51)	2200 Secs (2018 Secs) [==>2018.0 Secs]	[1]
	Comments: ETC for a composite COS+STIS spectrum of the star.									
	5	HD-189733 COS/G130 M Orbit 2 (COS.sp.827 195)	(10) HD-189733	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=3			2680 Secs (2707 Secs) [==>2707.0 Secs]	[2]
	Comments: ETC for a composite COS+STIS spectrum of the star.									
	6	HD-189733 COS/G130 M Orbit 3 (COS.sp.827 195)	(10) HD-189733	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=3			2680 Secs (2707 Secs) [==>2707.0 Secs]	[3]
	Comments: ETC for a composite COS+STIS spectrum of the star.									
	7	HD-189733 COS/G130 M Orbit 4 (COS.sp.827 195)	(10) HD-189733	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=3			2680 Secs (2707 Secs) [==>2707.0 Secs]	[4]
	Comments: ETC for a composite COS+STIS spectrum of the star.									
	8	HD-189733 COS/G130 M Orbit 5 (COS.sp.827 195)	(10) HD-189733	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 00; SEGMENT=BOTH; FP-POS=3			2680 Secs (2707 Secs) [==>2707.0 Secs]	[5]
	Comments: ETC for a composite COS+STIS spectrum of the star.									

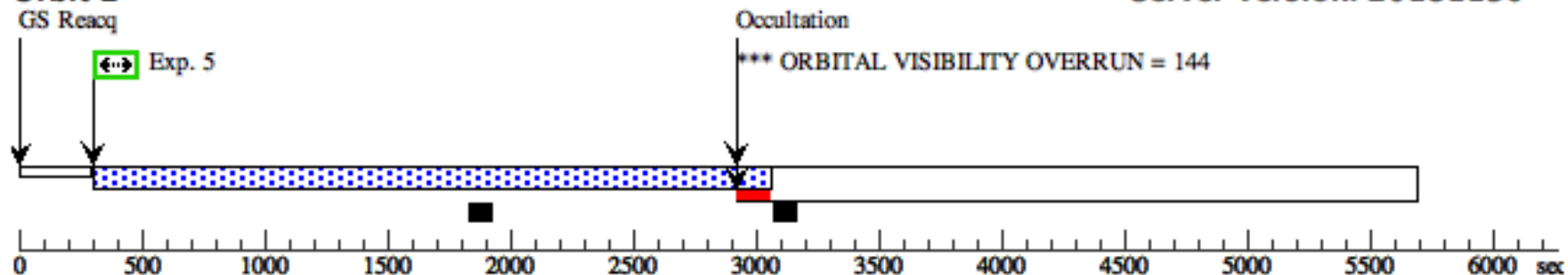
Orbit 1

Server Version: 20181130



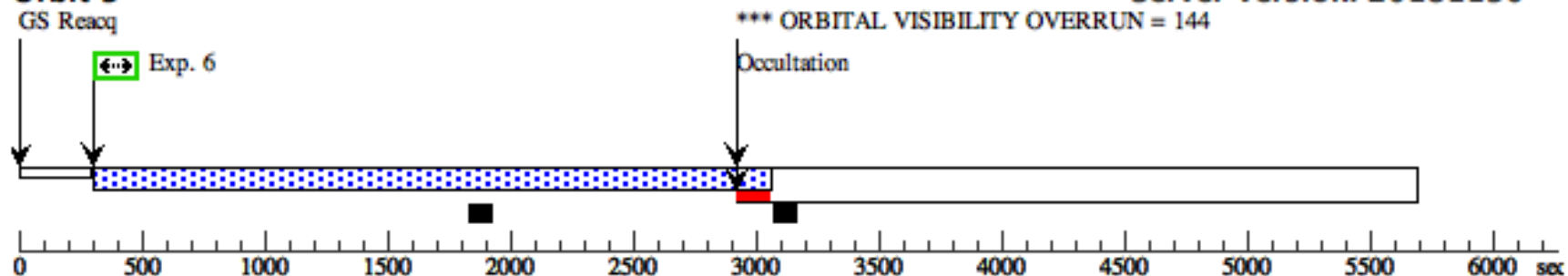
Orbit 2

Server Version: 20181130



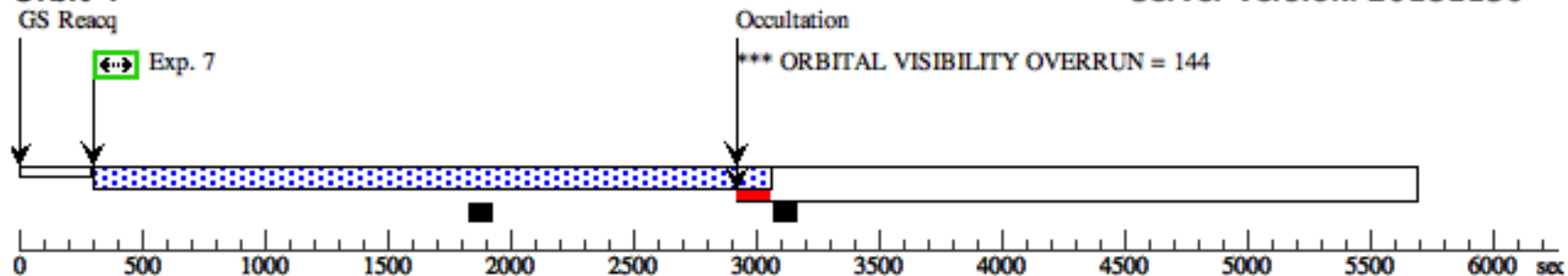
Orbit 3

Server Version: 20181130



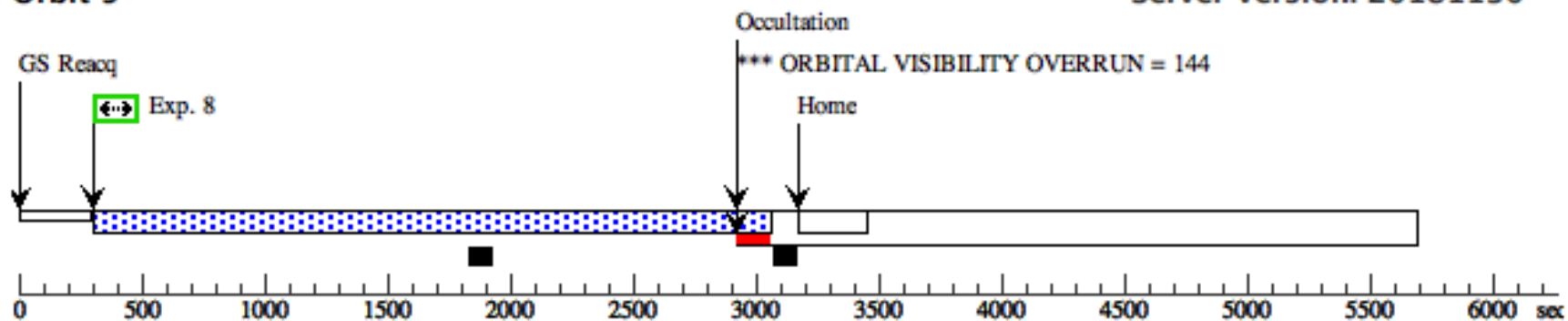
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - WASP-52 G430L (52) - The Panchromatic Comparative Exoplanetary Treasury Program

Wed Jun 05 15:15:02 GMT 2019

[illegible]

Proposal 14767 - WASP-52 G430L (52) - The Panchromatic Comparative Exoplanetary Treasury Program

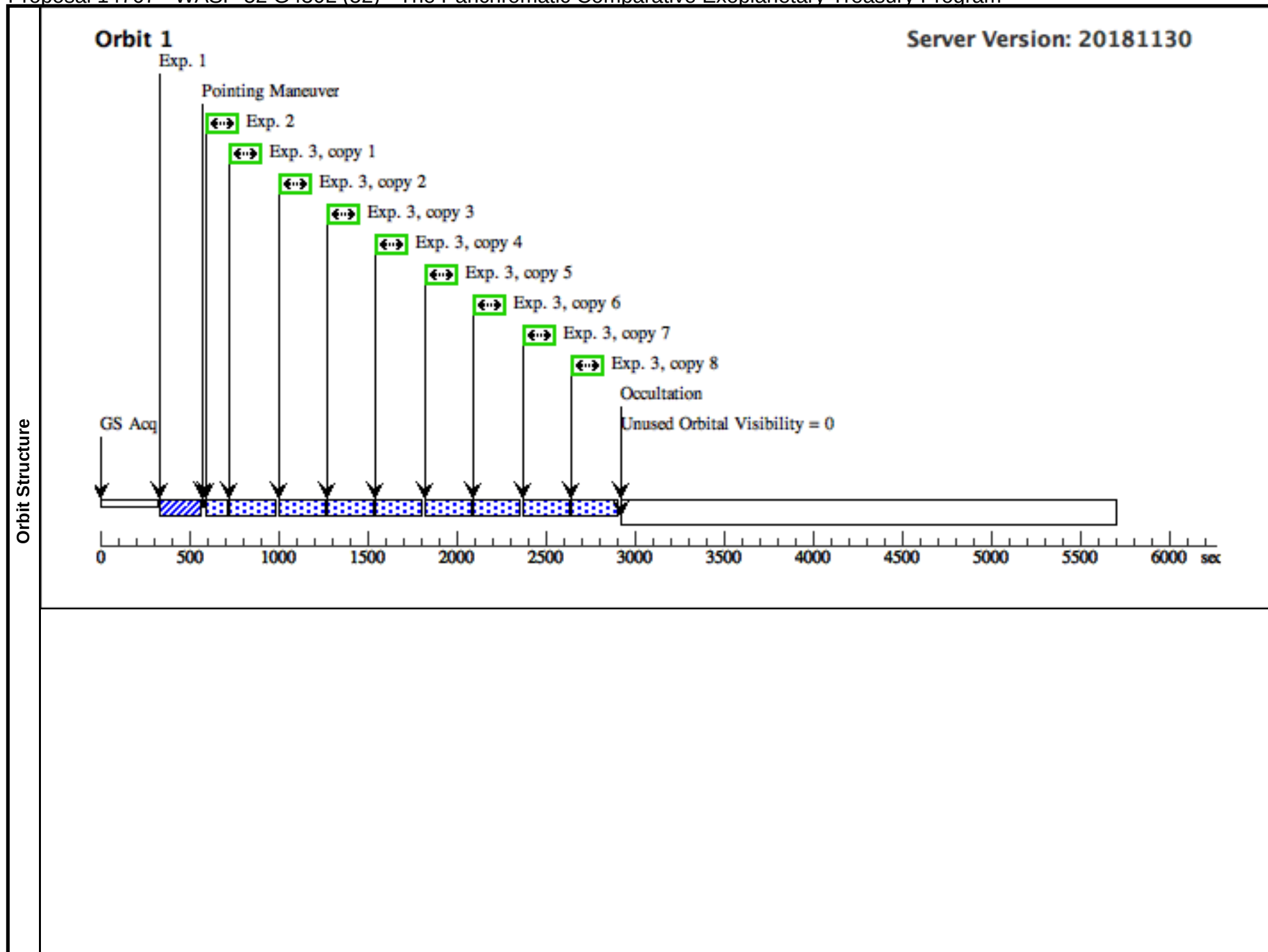
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	WASP-52	RA: 23 13 58.7600 (348.4948333d)	Proper Motion RA: -11.8 mas/yr	V=12.0	Reference Frame: ICRS
			Dec: +08 45 40.60 (8.76128d)	Proper Motion Dec: -43.0 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - WASP-52 G430L (52) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5282)	(11) WASP-52	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.909 TO 0.9195		.9 Secs (0.9 Secs) [==>]	[1]
	2	WASP-52 G 430L Orbit 1	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-52 G 430L Orbit 1 (STIS.sp.82 1999)	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	WASP-52 G 430L Orbit 2	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-52 G 430L Orbit 2 (STIS.sp.82 1999)	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-52 G 430L Orbit 3	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-52 G430L (52) - The Panchromatic Comparative Exoplanetary Treasury Program

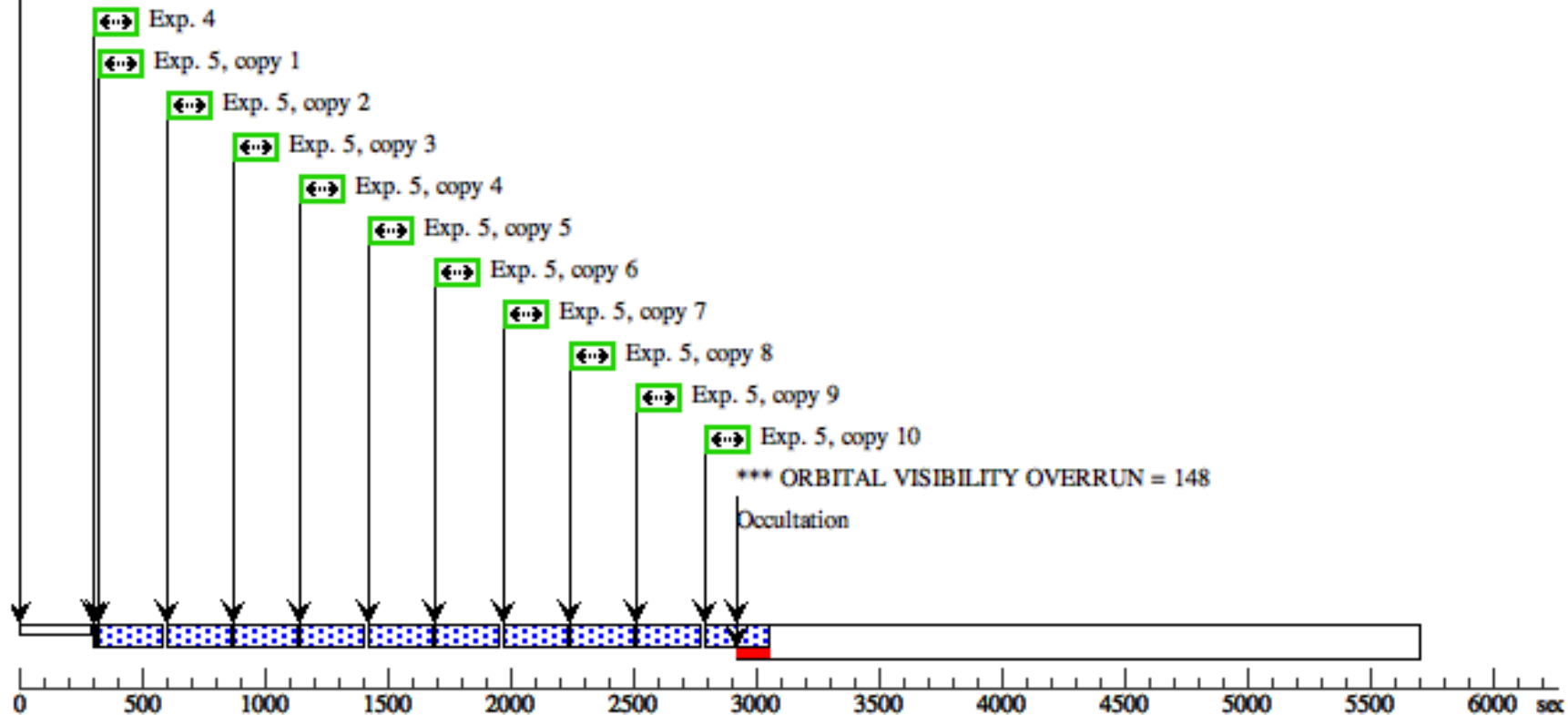
7	WASP-52 G (11) WASP-52 430L Orbit 3 (STIS.sp.82 1999)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-52 G (11) WASP-52 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
9	WASP-52 G (11) WASP-52 430L Orbit 4 (STIS.sp.82 1999)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		[==>]	[4]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>						



Orbit 2

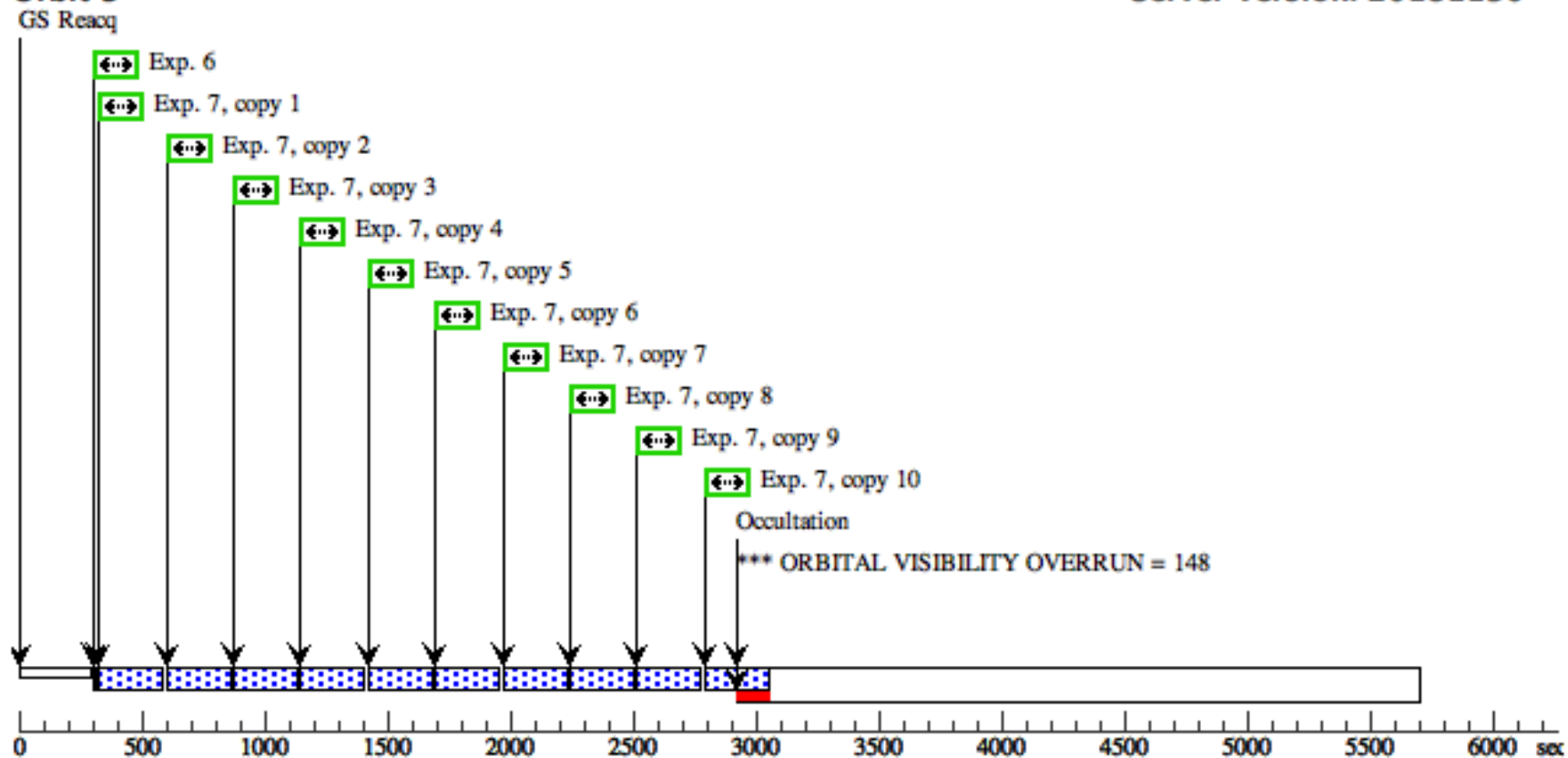
Server Version: 20181130

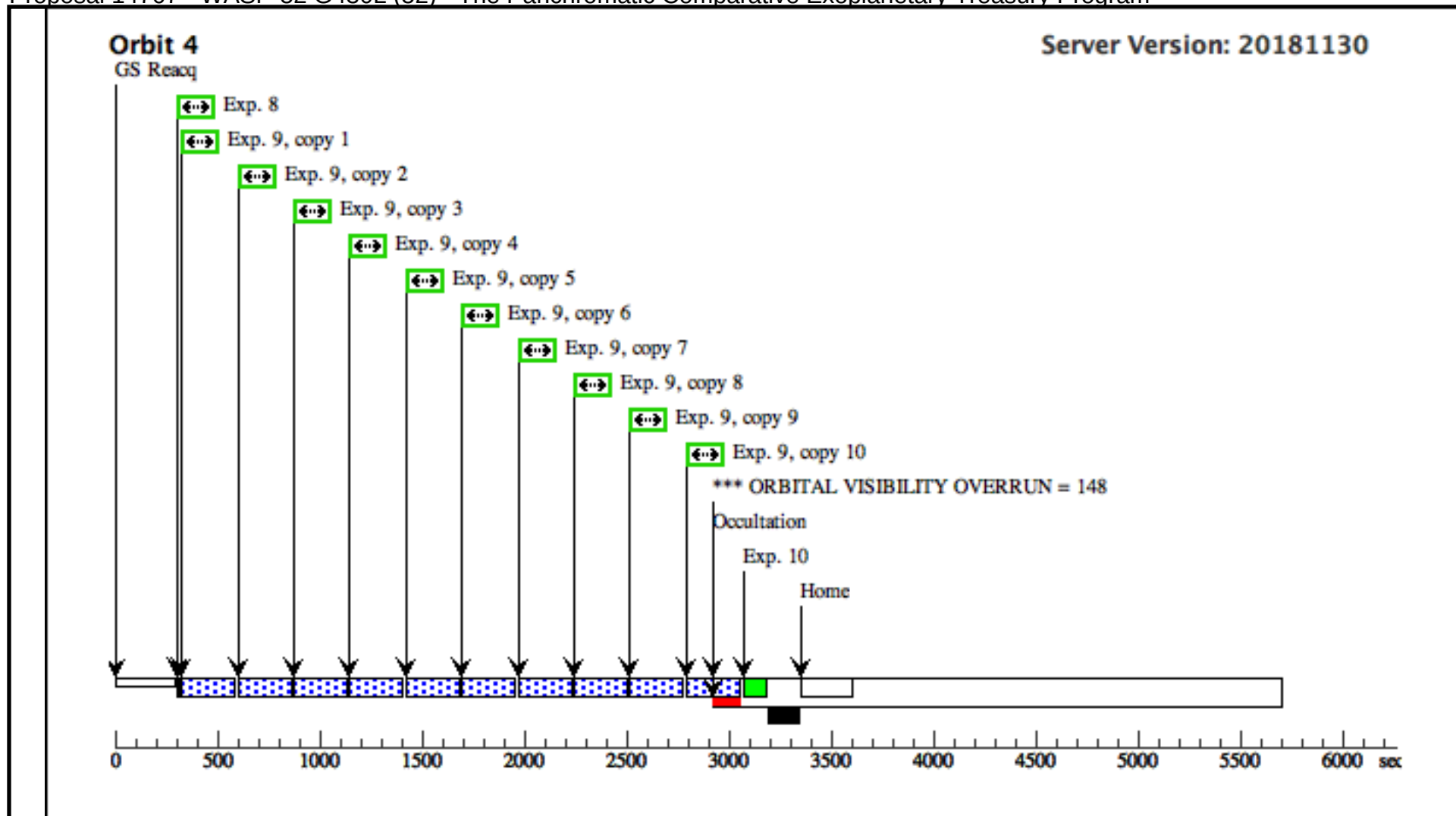
GS Reacq



Orbit 3

Server Version: 20181130





Proposal 14767 - WASP-52 G430L x2 (53) - The Panchromatic Comparative Exoplanetary Treasury Program

Wed Jun 05 15:15:02 GMT 2019

[illegible]

Proposal 14767 - WASP-52 G430L x2 (53) - The Panchromatic Comparative Exoplanetary Treasury Program

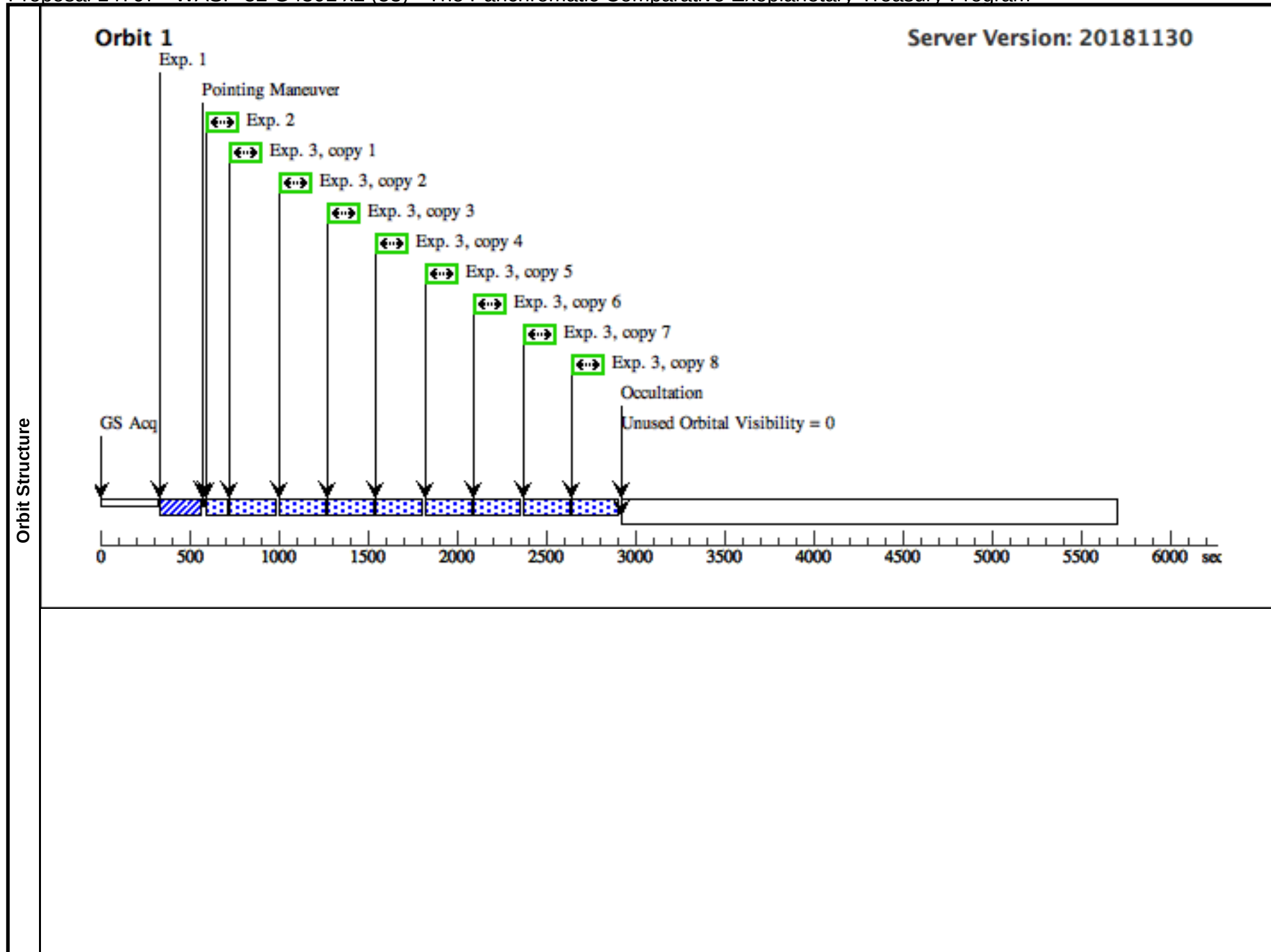
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	WASP-52	RA: 23 13 58.7600 (348.4948333d)	Proper Motion RA: -11.8 mas/yr	V=12.0	Reference Frame: ICRS
			Dec: +08 45 40.60 (8.76128d)	Proper Motion Dec: -43.0 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - WASP-52 G430L x2 (53) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5282)	(11) WASP-52	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.909 TO 0.9195	Sequence 1-3 Non-Int in WASP-52 G430L x2 (53)	0.9 Secs (0.9 Secs) [==>]	[1]
	2	WASP-52 G 430L Orbit 1	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-52 G430L x2 (53)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-52 G 430L Orbit 1 (STIS.sp.82 1999)	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-52 G430L x2 (53)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	WASP-52 G 430L Orbit 2	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-52 G430L x2 (53)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-52 G 430L Orbit 2 (STIS.sp.82 1999)	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-52 G430L x2 (53)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-52 G 430L Orbit 3	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in WASP-52 G430L x2 (53)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-52 G430L x2 (53) - The Panchromatic Comparative Exoplanetary Treasury Program

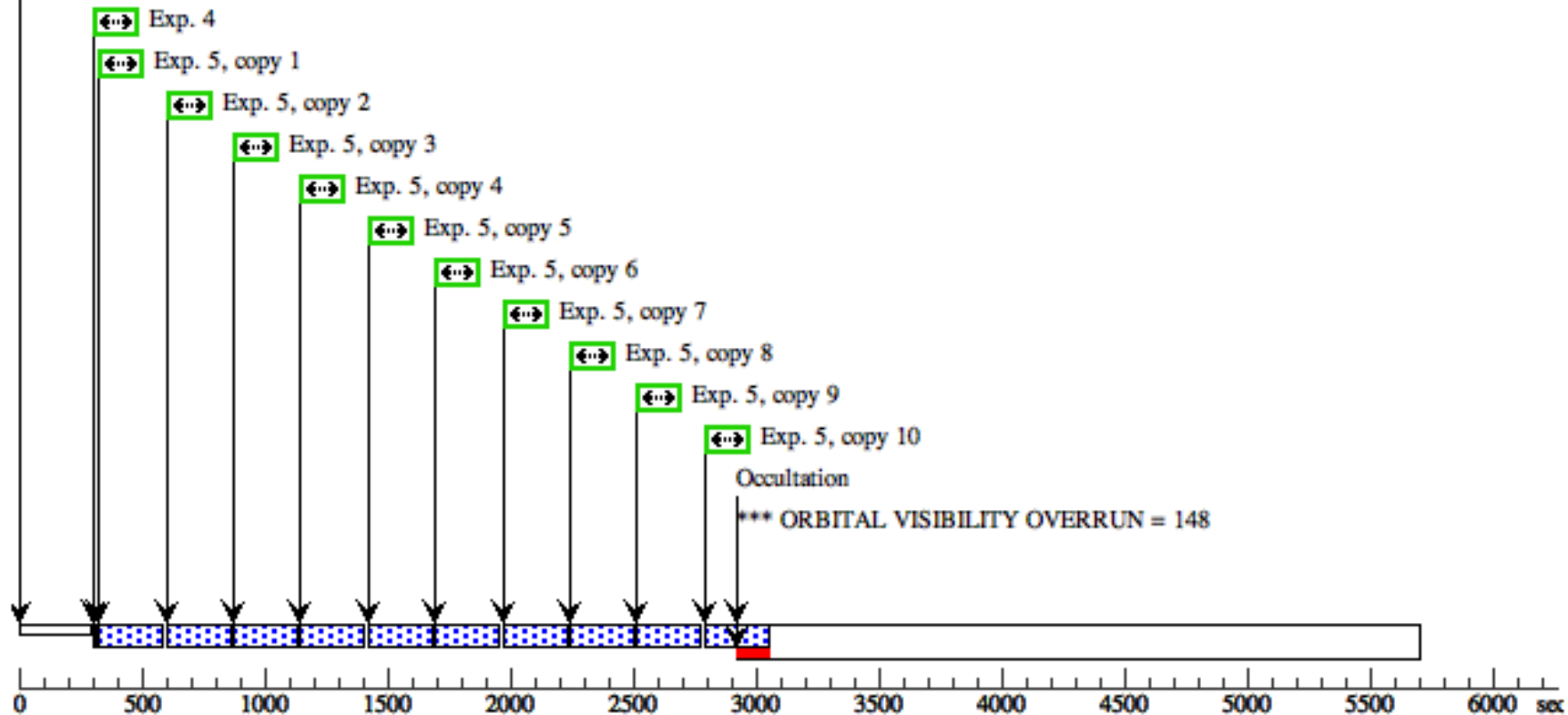
7	WASP-52 G (11) WASP-52 430L Orbit 3 (STIS.sp.82 1999)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-52 G430 L x2 (53)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-52 G (11) WASP-52 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-10 Non-Int in WASP-52 G430 L x2 (53)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-52 G (11) WASP-52 430L Orbit 4 (STIS.sp.82 1999)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-10 Non-Int in WASP-52 G430 L x2 (53)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		Sequence 8-10 Non-Int in WASP-52 G430 L x2 (53)	[==>]	[4]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>							



Orbit 2

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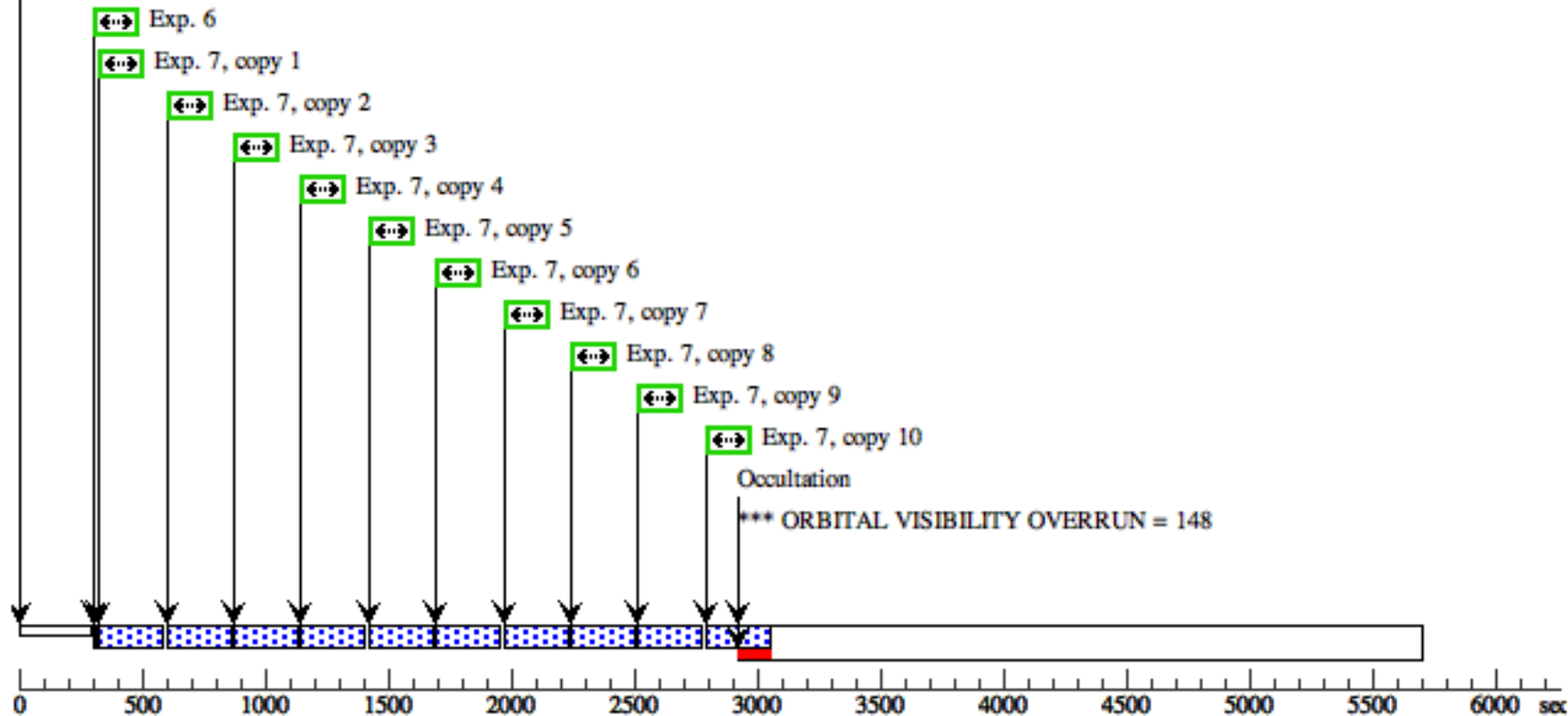
GS Reacq

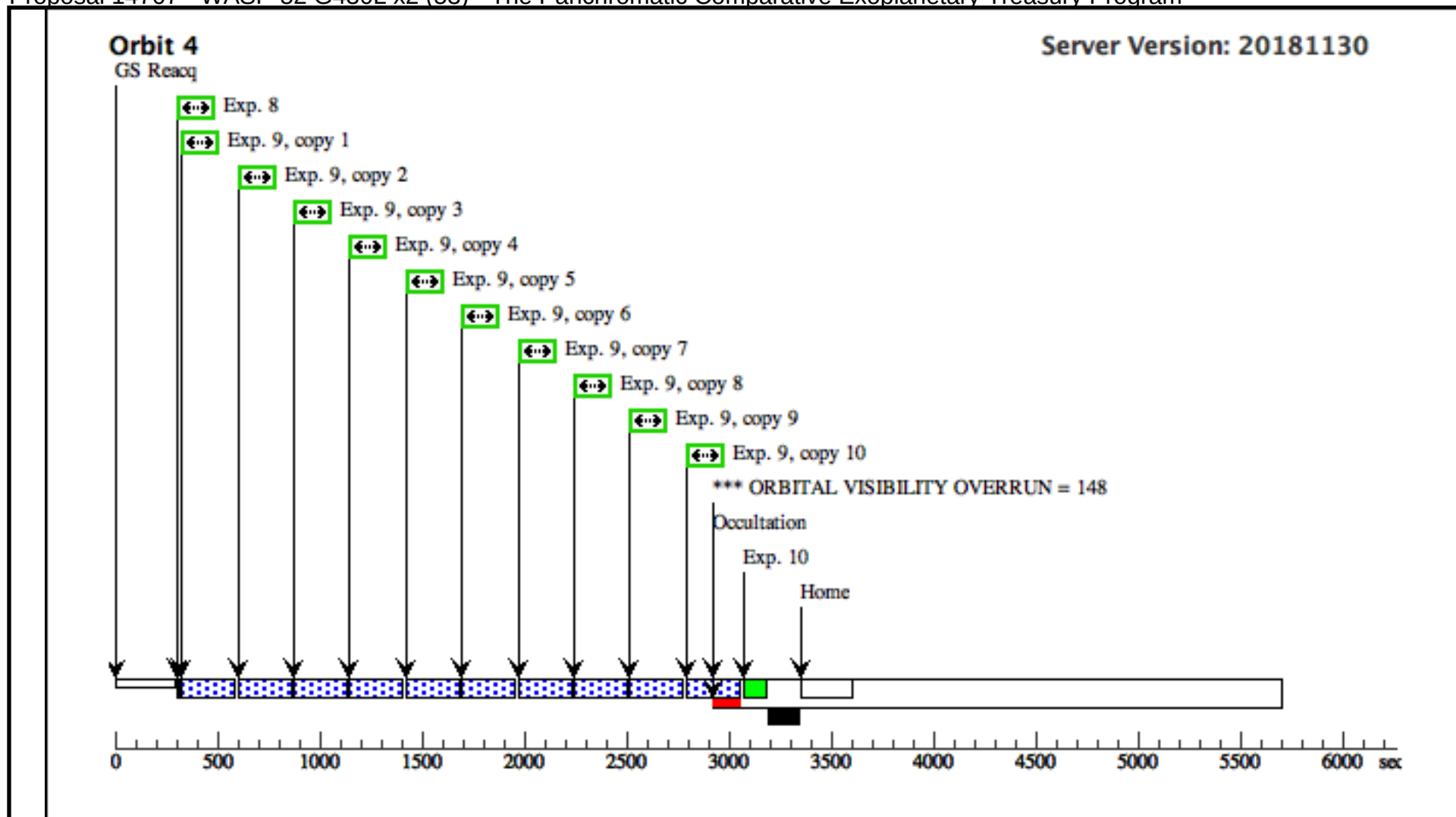


Orbit 3

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-52 G750L (54) - The Panchromatic Comparative Exoplanetary Treasury Program

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Proposal 14767 - WASP-52 G750L (54) - The Panchromatic Comparative Exoplanetary Treasury Program

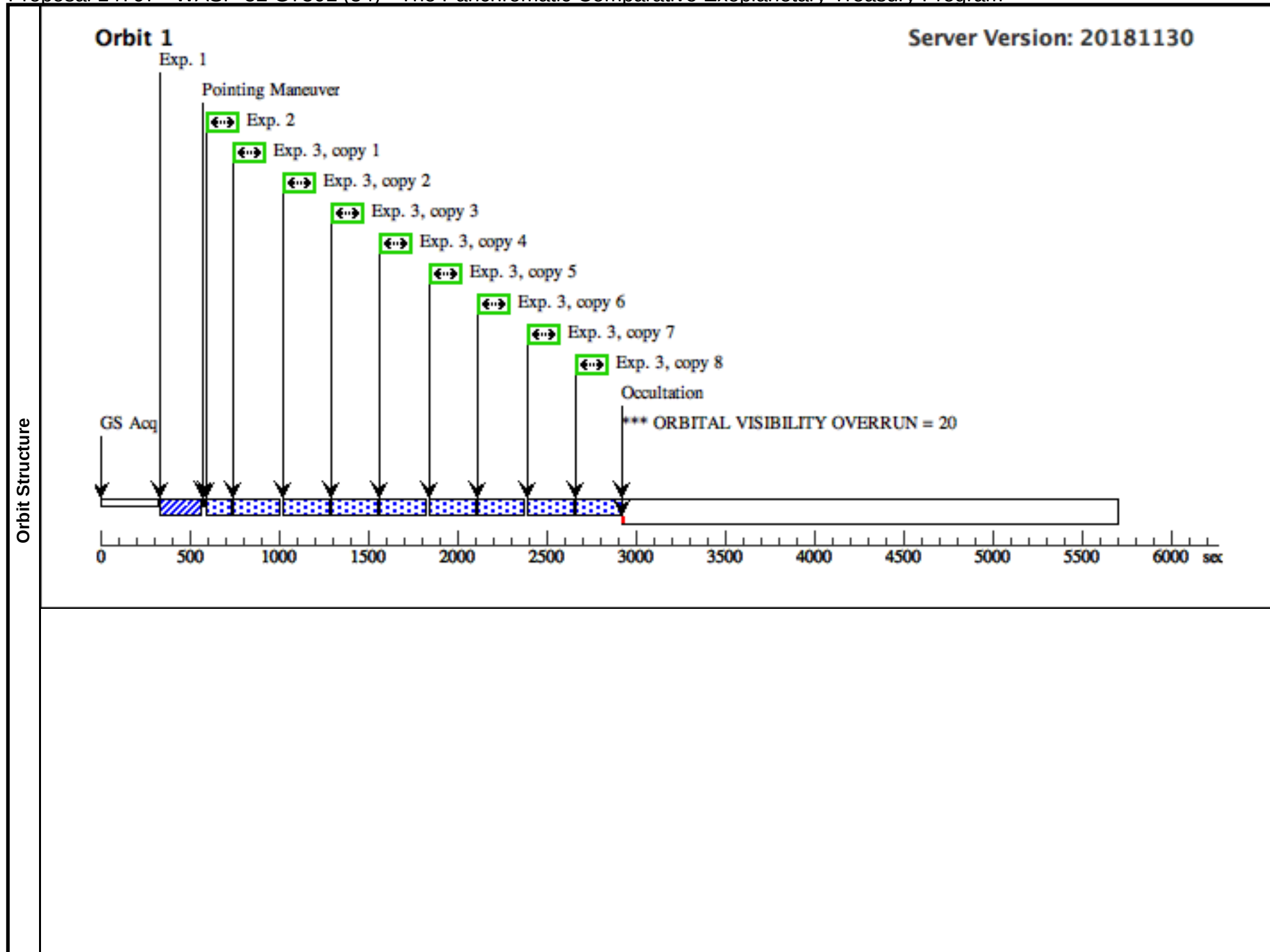
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	WASP-52	RA: 23 13 58.7600 (348.4948333d)	Proper Motion RA: -11.8 mas/yr	V=12.0	Reference Frame: ICRS
			Dec: +08 45 40.60 (8.76128d)	Proper Motion Dec: -43.0 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, K V-IV] Extended=NO					

Proposal 14767 - WASP-52 G750L (54) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5282)	(11) WASP-52	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.909 TO 0.9195	Sequence 1-3 Non-Int in WASP-52 G750L (54)	0.9 Secs (0.9 Secs) [==>]	[1]
	2	WASP-52 G 750L Orbit 1	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-52 G750L (54)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-52 G 750L Orbit 1 (STIS.sp.82 2001)	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-52 G750L (54)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	WASP-52 G 750L Orbit 2	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-52 G750L (54)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-52 G 750L Orbit 2 (STIS.sp.82 2001)	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-52 G750L (54)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-52 G 750L Orbit 3	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in WASP-52 G750L (54)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-52 G750L (54) - The Panchromatic Comparative Exoplanetary Treasury Program

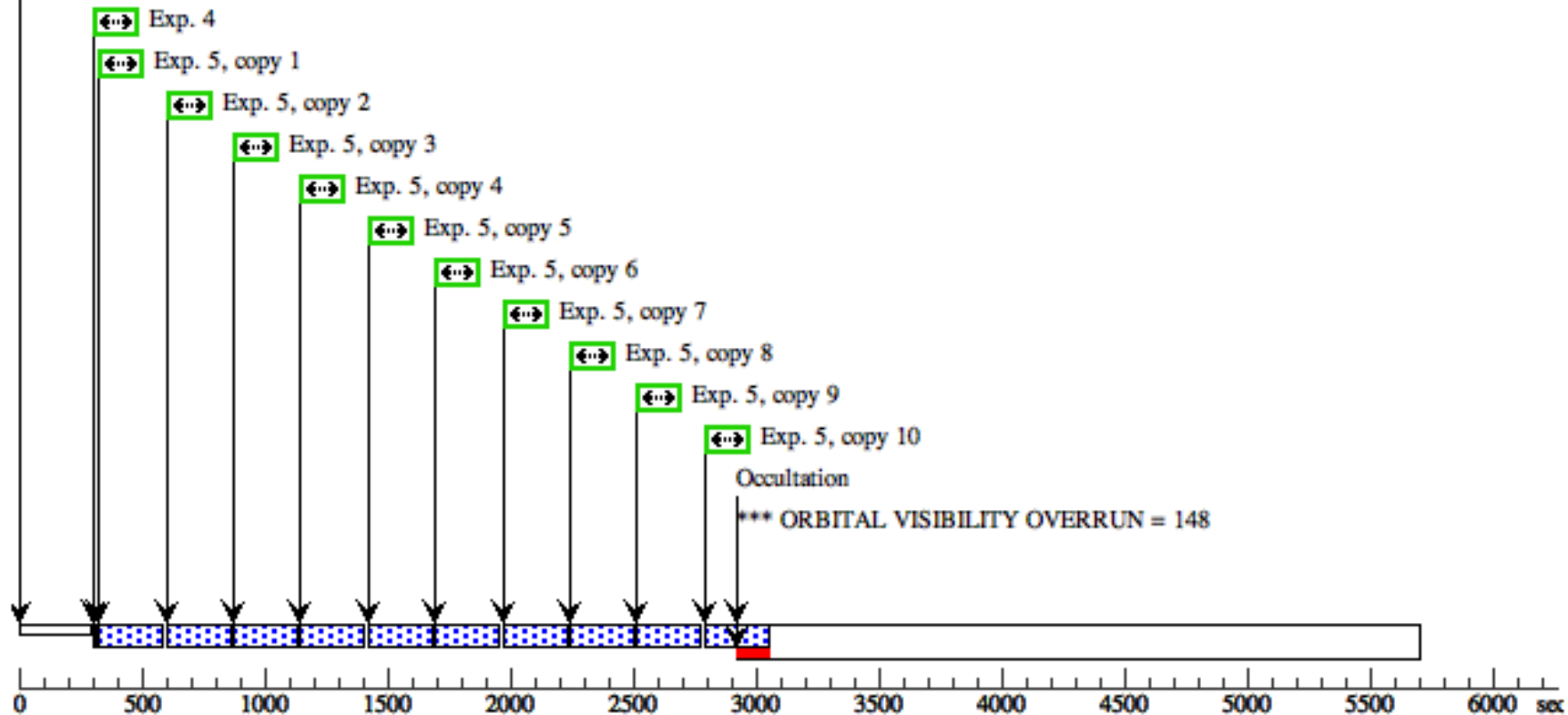
7	WASP-52 G 750L Orbit 3 (STIS.sp.82 2001)	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-52 G750L (54)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-52 G 750L Orbit 4	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-12 Non-Int in WASP-52 G750L (54)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	WASP-52 G 750L Orbit 4 (STIS.sp.82 2001)	(11) WASP-52	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-12 Non-Int in WASP-52 G750L (54)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		Sequence 8-12 Non-Int in WASP-52 G750L (54)	[==>]	[4]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>								
11	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		Sequence 8-12 Non-Int in WASP-52 G750L (54)	[==>(Copy 1)] [==>(Copy 2)]	[4]
12	Tungsten Lamp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	Sequence 8-12 Non-Int in WASP-52 G750L (54)	240 Secs X 4 (960 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[4]
<i>Comments: Expected peak count level = 50,000 e-</i>								



Orbit 2

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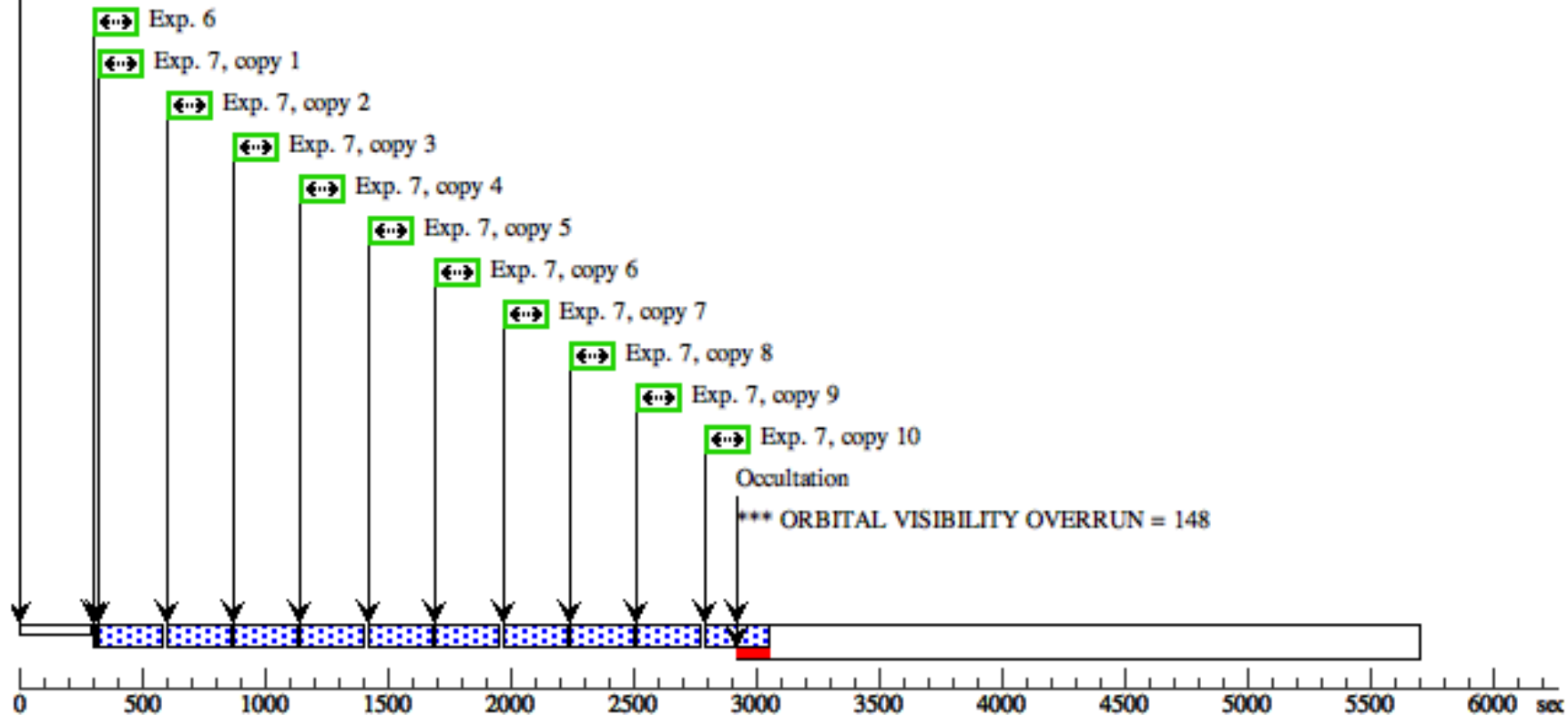
GS Reacq

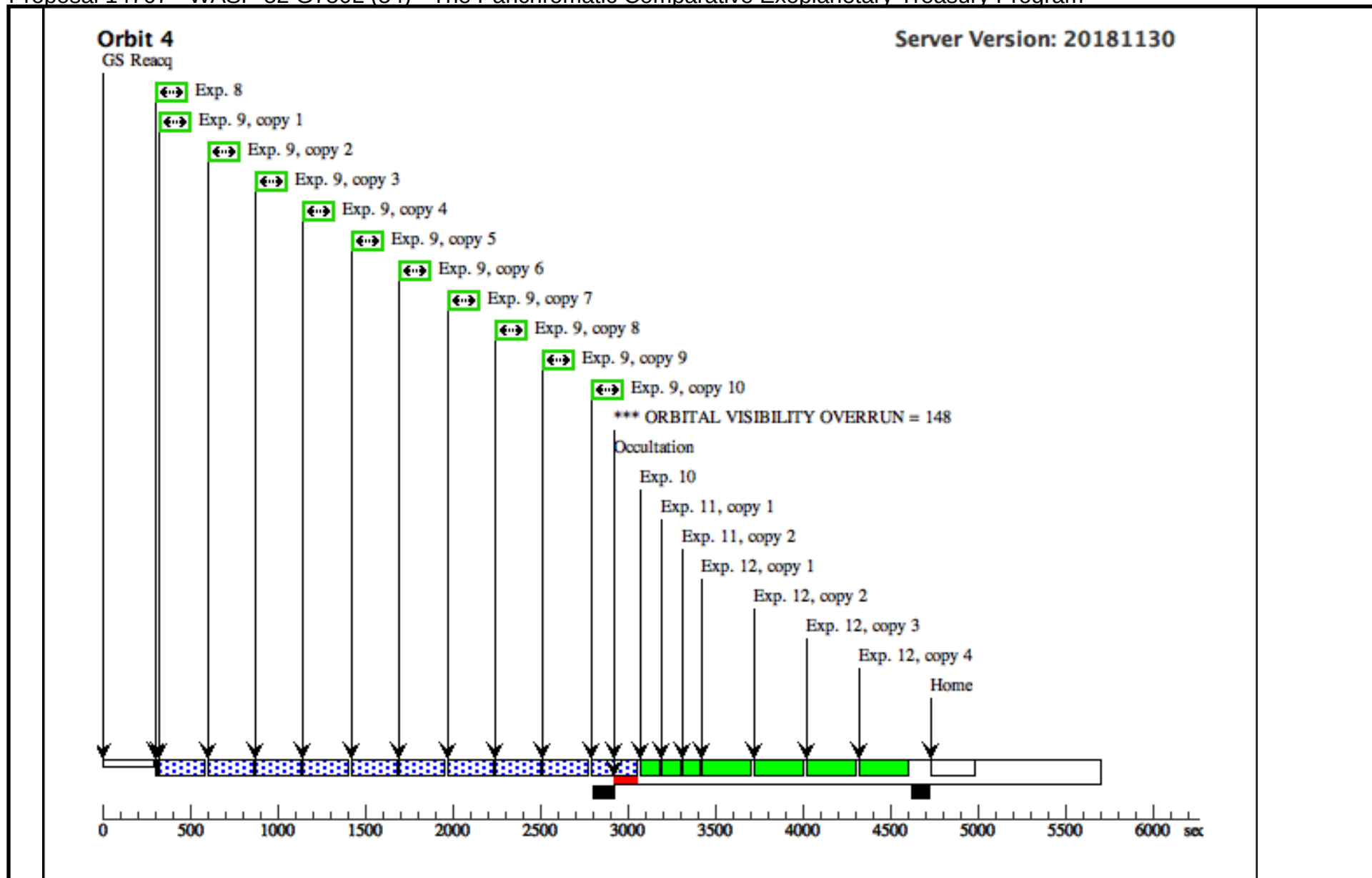


Orbit 3

Server Version: 20181130

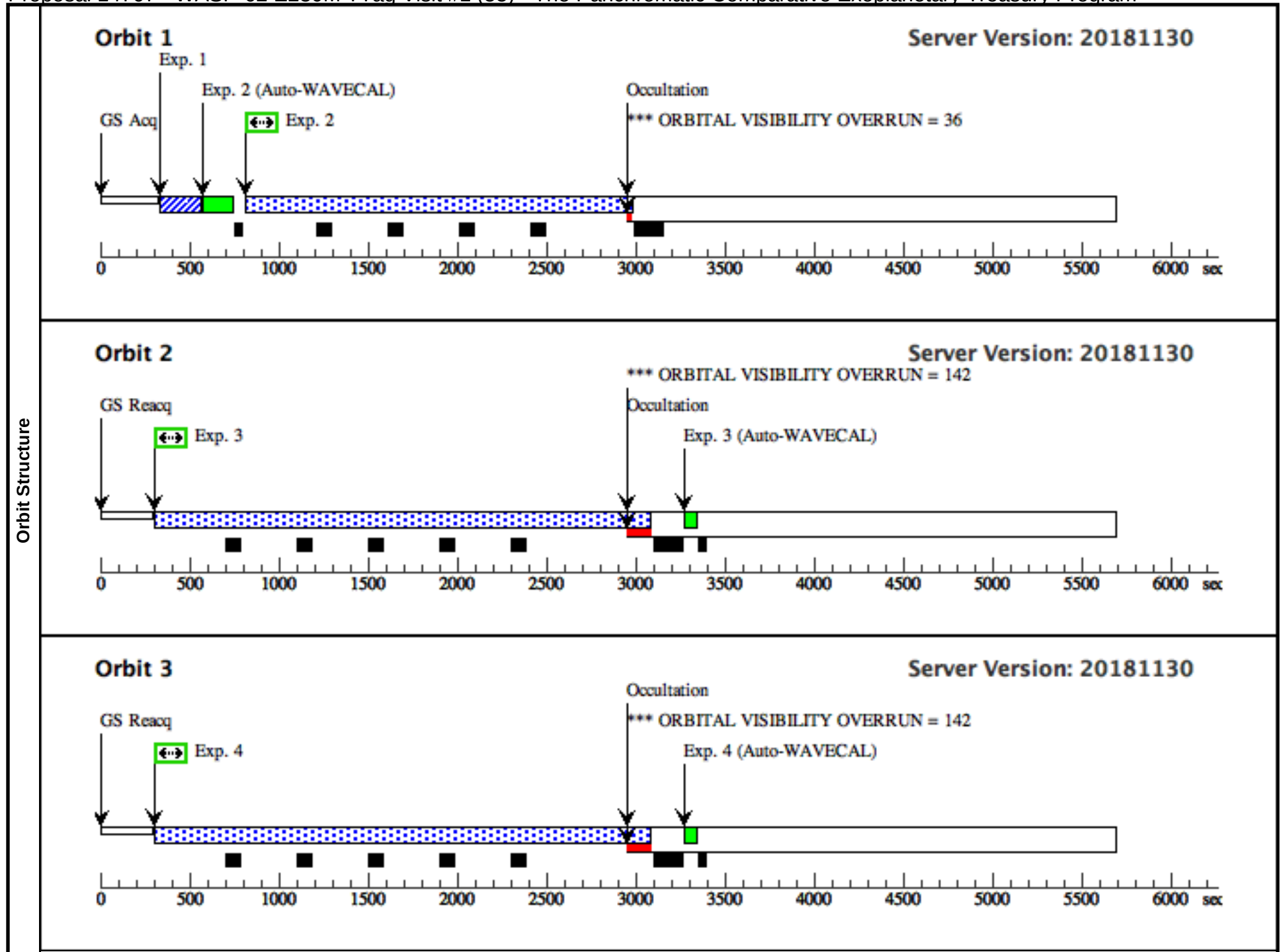
GS Reacq





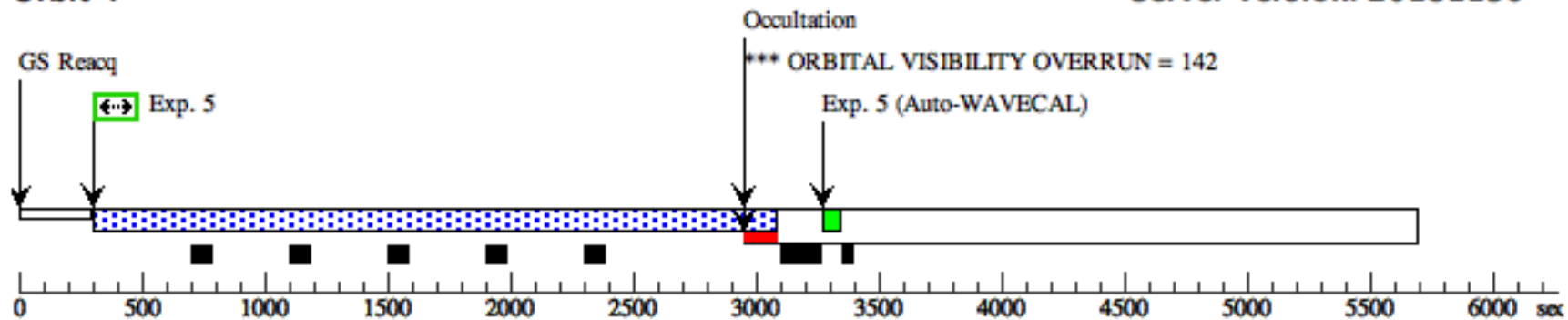
Proposal 14767 - WASP-62 E230M TTag Visit #1 (55) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-62 E230M TTag Visit #1 (55), completed										Wed Jun 05 15:15:02 GMT 2019
	Diagnostic Status: Warning										
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD										
	Special Requirements: SCHED 100%; Period 4.411953 D AND ZERO-PHASE HJD2455855.39195										
	Comments: It is essential that the five orbits be scheduled in a coninuous block.										
Diagnostics	(WASP-62 E230M TTag Visit #1 (55)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-62 E230M TTag Visit #1 (55)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-62 E230M TTag Visit #1 (55)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-62 E230M TTag Visit #1 (55)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-62 E230M TTag Visit #1 (55)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-62 E230M TTag Visit #1 (55)) Warning (Orbit Planner): STIS TIME-TAG EXPOSURE GENERATES HEAVY DATA VOLUME										
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous										
	(12) WASP-62 RA: 05 48 33.5945 (87.1399771d) Proper Motion RA: -13.5 mas/yr V=10.3 Reference Frame: ICRS										
	Dec: -63 59 18.29 (-63.98841d) Proper Motion Dec: 29.4 mas/yr										
	Equinox: J2000 Epoch of Position: 2000										
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ, phase constrained (STIS.im.82 5284)	(12) WASP-62	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9580 TO 0.9602	Sequence 1-2 Non-Int in WASP-62 E230M TTag Visit #1 (55)	.2 Secs (0.2 Secs) [==>]		[1]
	Comments: Saturation calculated at 0.55 seconds.										
	2	WASP-62 E 230M Orbit 1 (STIS.sp.82 6183)	(12) WASP-62	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=40 0		Sequence 1-2 Non-Int in WASP-62 E230M TTag Visit #1 (55)	2150 Secs (2150 Secs) [==>]		[1]
	3	WASP-62 E 230M Orbit 2 (STIS.sp.82 6183)	(12) WASP-62	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=40 0			2750 Secs (2768 Secs) [==>2768.0 Secs]		[2]
	4	WASP-62 E 230M Orbit 3 (STIS.sp.82 6183)	(12) WASP-62	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=40 0			2750 Secs (2768 Secs) [==>2768.0 Secs]		[3]
	5	WASP-62 E 230M Orbit 4 (STIS.sp.82 6183)	(12) WASP-62	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=40 0			2750 Secs (2768 Secs) [==>2768.0 Secs]		[4]
	6	WASP-62 E 230M Orbit 5 (STIS.sp.82 6183)	(12) WASP-62	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=40 0			2750 Secs (2768 Secs) [==>2768.0 Secs]		[5]



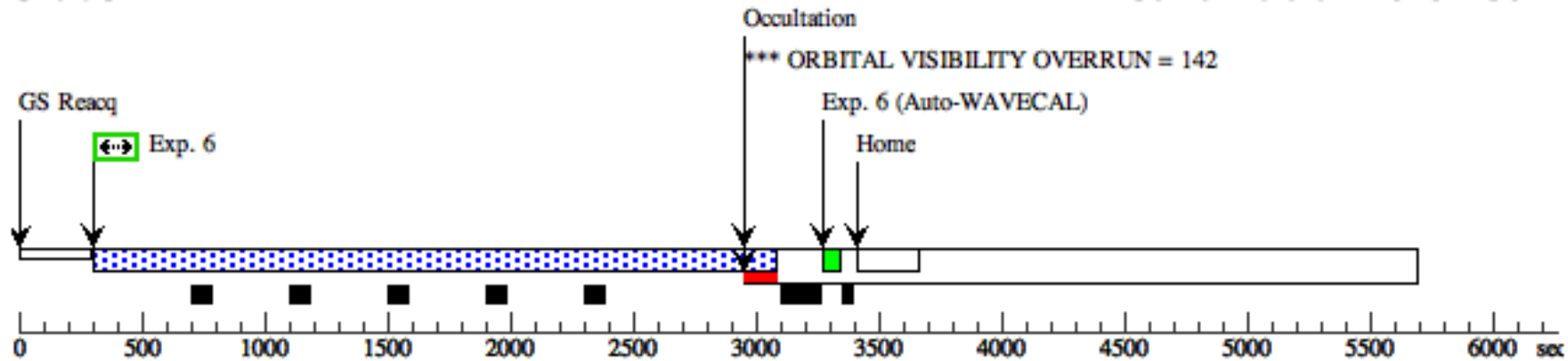
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130

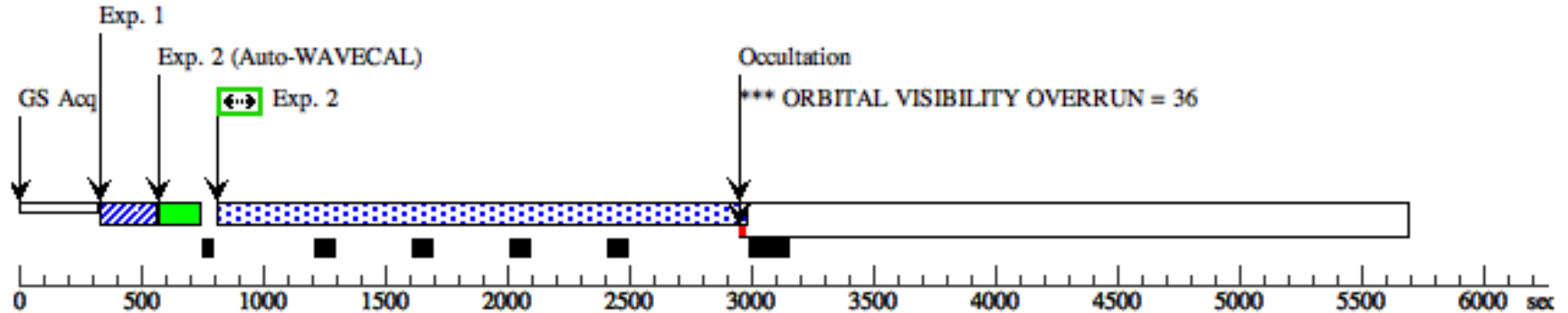


Proposal 14767 - WASP-62 E230M TTag Visit #2 (56) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-62 E230M TTag Visit #2 (56), completed										Wed Jun 05 15:15:03 GMT 2019
	Diagnostic Status: Warning										
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD										
	Special Requirements: SCHED 100%; Period 4.411953 D AND ZERO-PHASE HJD2455855.39195										
Comments: It is essential that the five orbits be scheduled in a coninuous block.											
Diagnostics	(WASP-62 E230M TTag Visit #2 (56)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-62 E230M TTag Visit #2 (56)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-62 E230M TTag Visit #2 (56)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-62 E230M TTag Visit #2 (56)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-62 E230M TTag Visit #2 (56)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-62 E230M TTag Visit #2 (56)) Warning (Orbit Planner): STIS TIME-TAG EXPOSURE GENERATES HEAVY DATA VOLUME										
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous										
	(12)	WASP-62	RA: 05 48 33.5945 (87.1399771d)	Proper Motion RA: -13.5 mas/yr		V=10.3	Reference Frame: ICRS				
			Dec: -63 59 18.29 (-63.98841d)	Proper Motion Dec: 29.4 mas/yr							
			Equinox: J2000	Epoch of Position: 2000							
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Category=STAR											
Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]											
Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ, phase constrained (STIS.im.82 5284)	(12) WASP-62	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9580 TO 0.9602	Sequence 1-2 Non-Int in WASP-62 E230M TTag Visit #2 (56)	.2 Secs (0.2 Secs)	[==>]	[1]
	Comments: Saturation calculated at 0.55 seconds.										
	2	WASP-62 E 230M Orbit 1 (STIS.sp.82 6183)	(12) WASP-62	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=40 0		Sequence 1-2 Non-Int in WASP-62 E230M TTag Visit #2 (56)	2150 Secs (2150 Secs)	[==>]	[1]
	3	WASP-62 E 230M Orbit 2 (STIS.sp.82 6183)	(12) WASP-62	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=40 0			2750 Secs (2768 Secs)	[==>2768.0 Secs]	[2]
	4	WASP-62 E 230M Orbit 3 (STIS.sp.82 6183)	(12) WASP-62	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=40 0			2750 Secs (2768 Secs)	[==>2768.0 Secs]	[3]
	5	WASP-62 E 230M Orbit 4 (STIS.sp.82 6183)	(12) WASP-62	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=40 0			2750 Secs (2768 Secs)	[==>2768.0 Secs]	[4]
	6	WASP-62 E 230M Orbit 5 (STIS.sp.82 6183)	(12) WASP-62	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=40 0			2750 Secs (2768 Secs)	[==>2768.0 Secs]	[5]

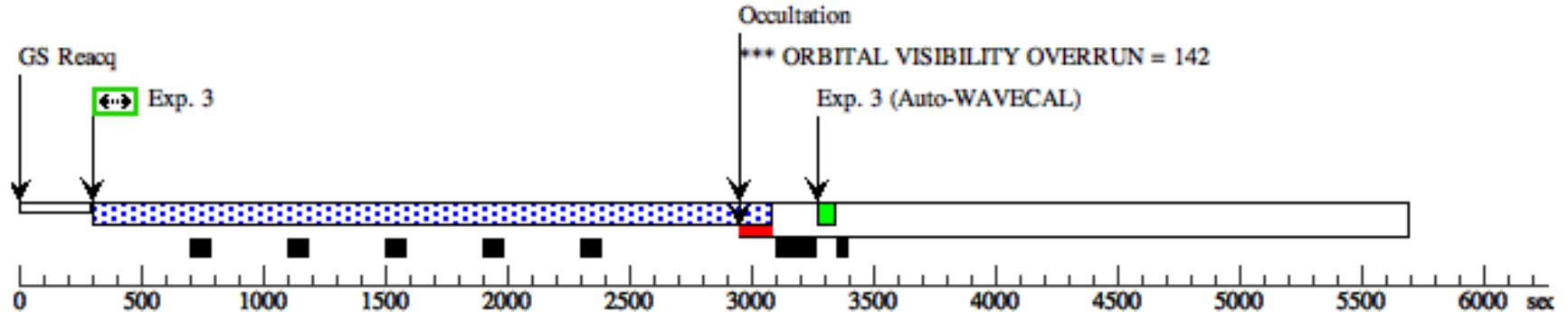
Orbit 1

Server Version: 20181130



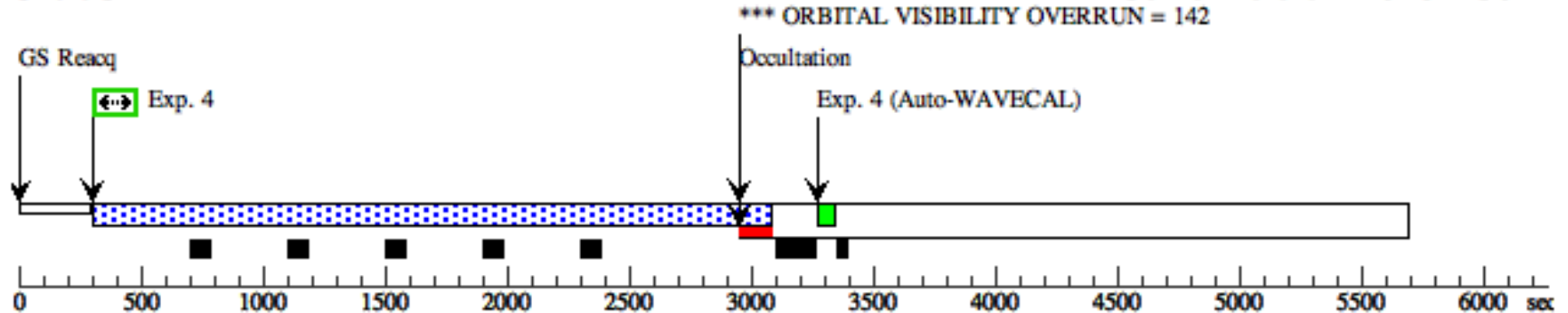
Orbit 2

Server Version: 20181130



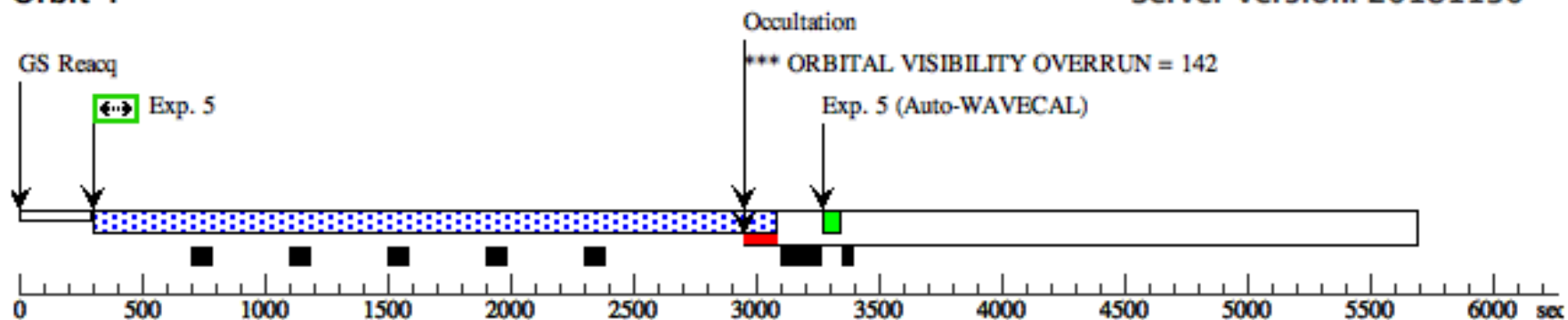
Orbit 3

Server Version: 20181130



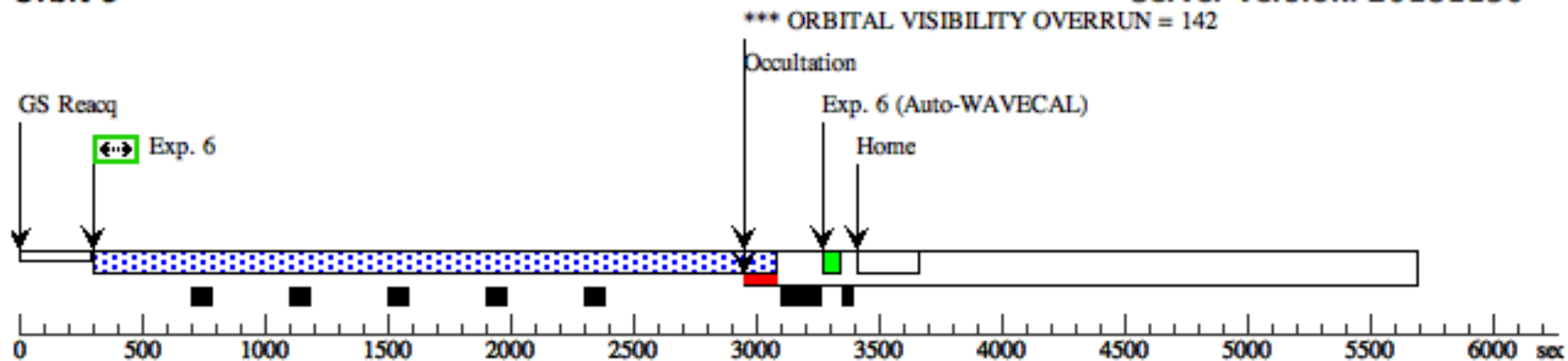
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - WASP-62 G430L (57) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-62 G430L (57), completed	Wed Jun 05 15:15:03 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 4.411953 D AND ZERO-PHASE HJD2455855.39195	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - WASP-62 G430L (57) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-62 G430L (57) - The Panchromatic Comparative Exoplanetary Treasury Program

Fixed Targets	(WASP-62 G430L (57)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	WASP-62	RA: 05 48 33.5945 (87.1399771d)	Proper Motion RA: -13.5 mas/yr	V=10.3	Reference Frame: ICRS
			Dec: -63 59 18.29 (-63.98841d)	Proper Motion Dec: 29.4 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]						
Extended=NO						

Proposal 14767 - WASP-62 G430L (57) - The Panchromatic Comparative Exoplanetary Treasury Program

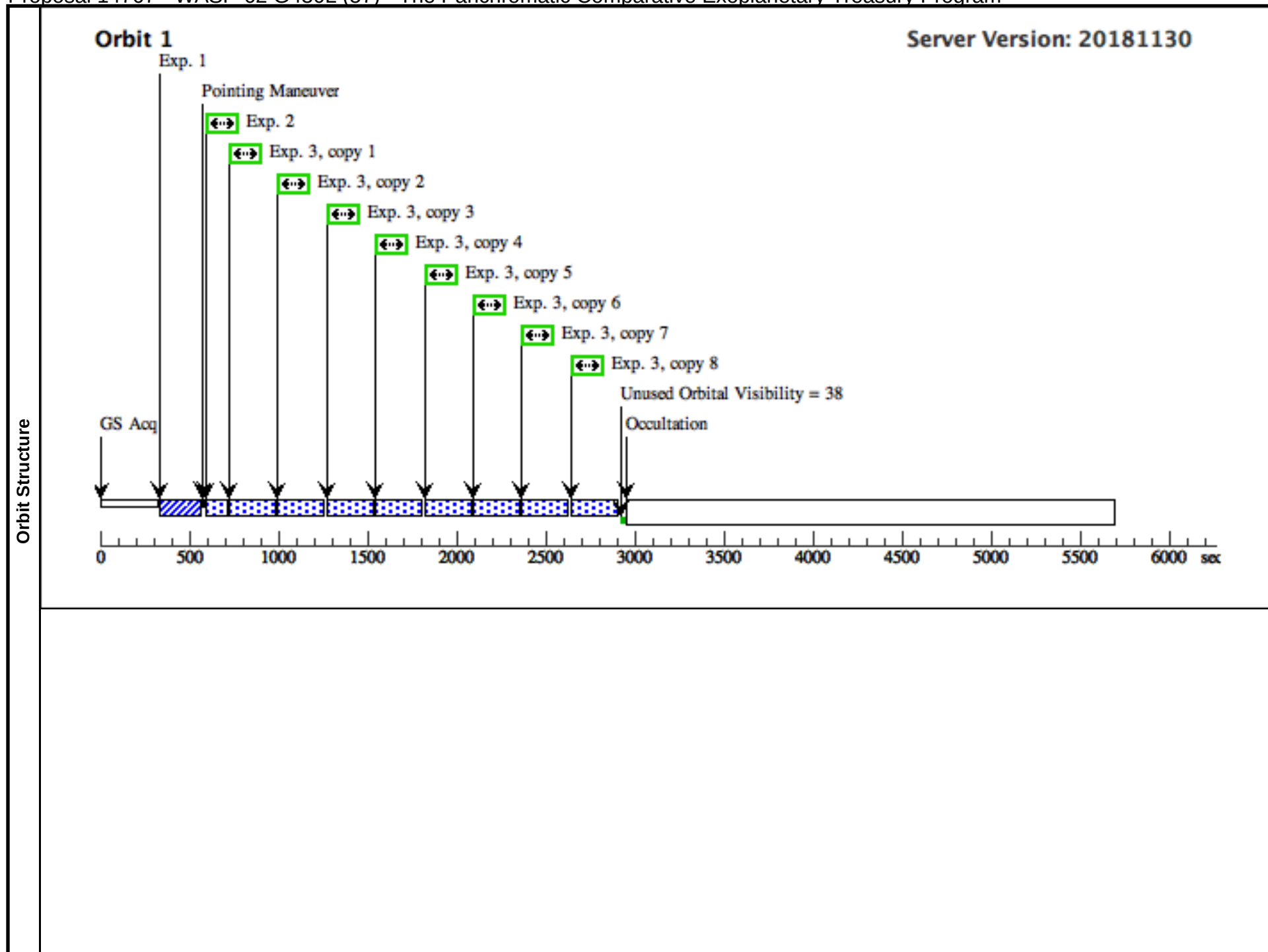
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5284)	(12) WASP-62	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9567 TO 0.9602	Sequence 1-3 Non-Int in WASP-62 G430L (57)	.2 Secs (0.2 Secs) [==>]	[1]
	Comments: Saturation calculated at 0.55 seconds.									
	2	WASP-62 G 430L Orbit 1	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-62 G430L (57)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-62 G 430L Orbit 1 (STIS.sp.82 2390)	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-62 G430L (57)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	WASP-62 G 430L Orbit 2	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-62 G430L (57)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-62 G 430L Orbit 2 (STIS.sp.82 2390)	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-62 G430L (57)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-62 G 430L Orbit 3	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in WASP-62 G430L (57)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-62 G430L (57) - The Panchromatic Comparative Exoplanetary Treasury Program

7	WASP-62 G (12) WASP-62 430L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-62 G430 L (57)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-62 G (12) WASP-62 430L Orbit 4 (STIS.sp.82 2390)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-62 G430 L (57)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-62 G (12) WASP-62 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-62 G430 L (57)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WASP-62 G (12) WASP-62 430L Orbit 5 (STIS.sp.82 2390)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-62 G430L (57)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	WASP-62 G (12) WASP-62 430L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-62 G430L (57)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - WASP-62 G430L (57) - The Panchromatic Comparative Exoplanetary Treasury Program

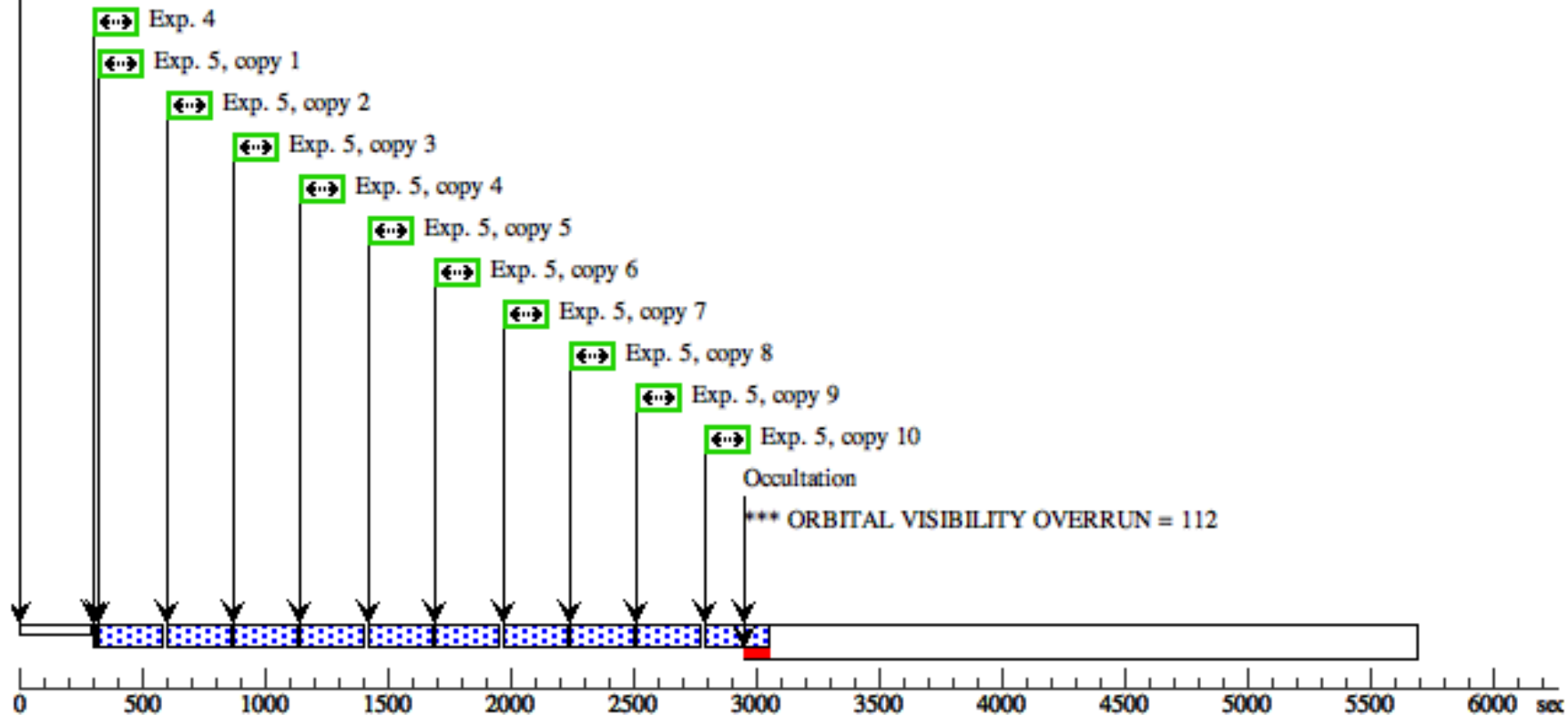
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L	Sequence 10-12 Non-Int in WASP-62 G430L (57)	[==>]	[5]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle							



Orbit 2

Server Version: 20181130

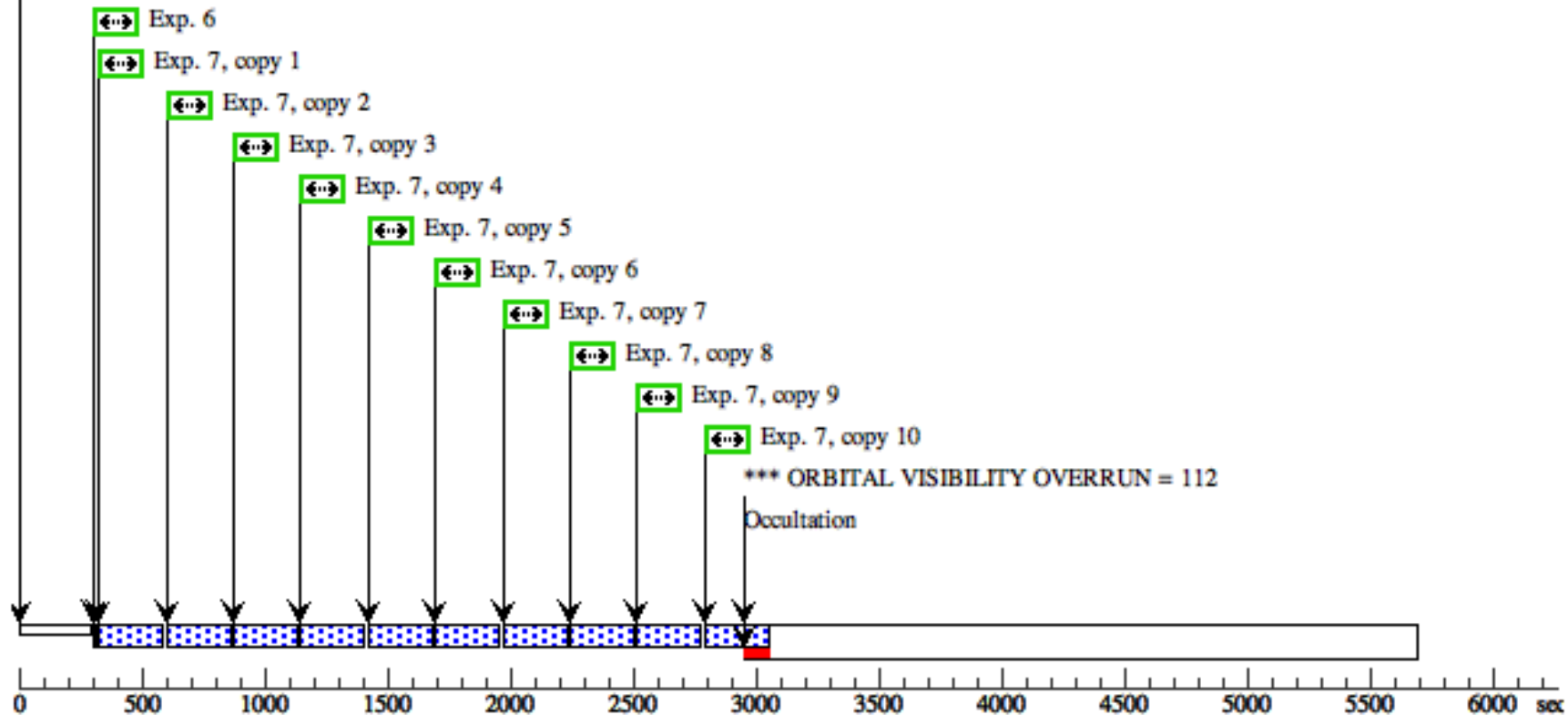
GS Reacq



Orbit 3

Server Version: 20181130

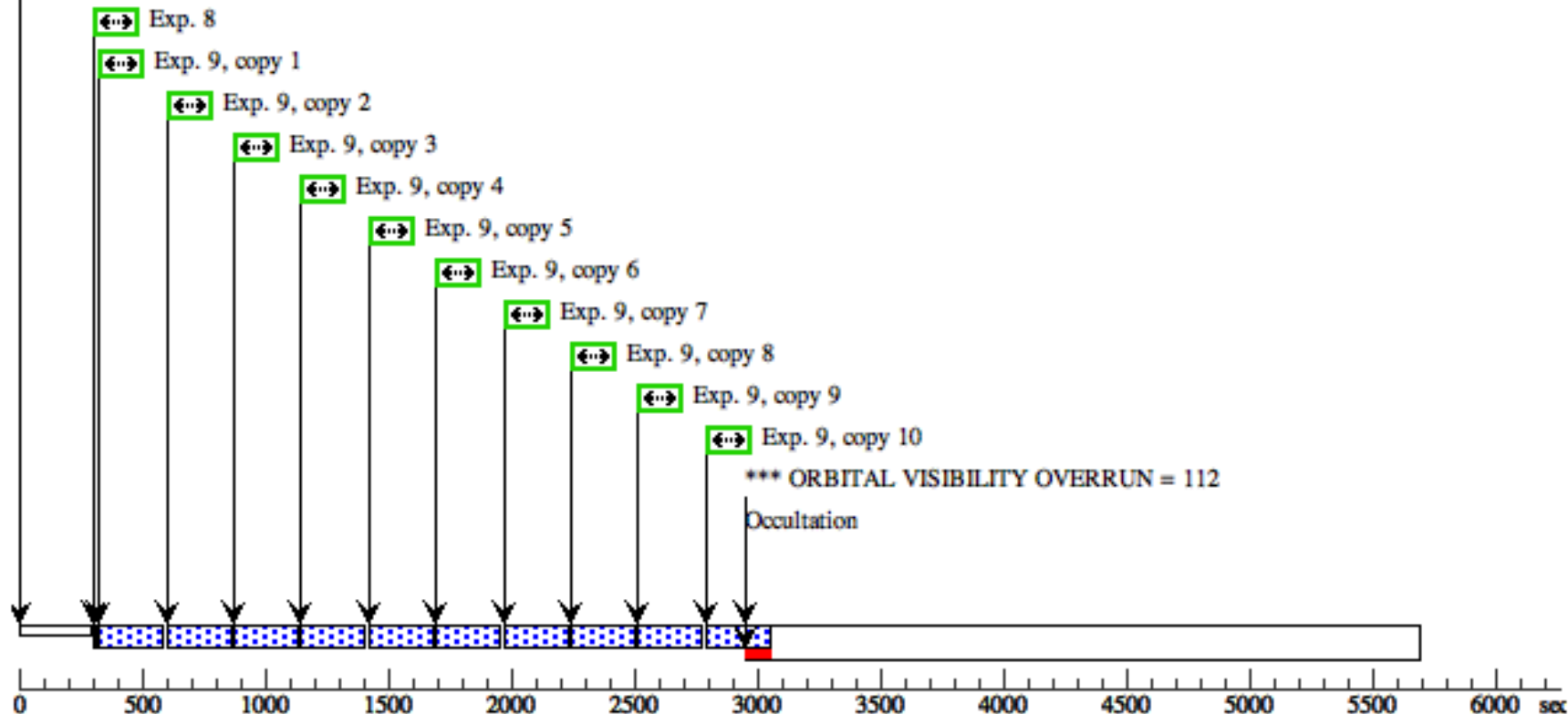
GS Reacq

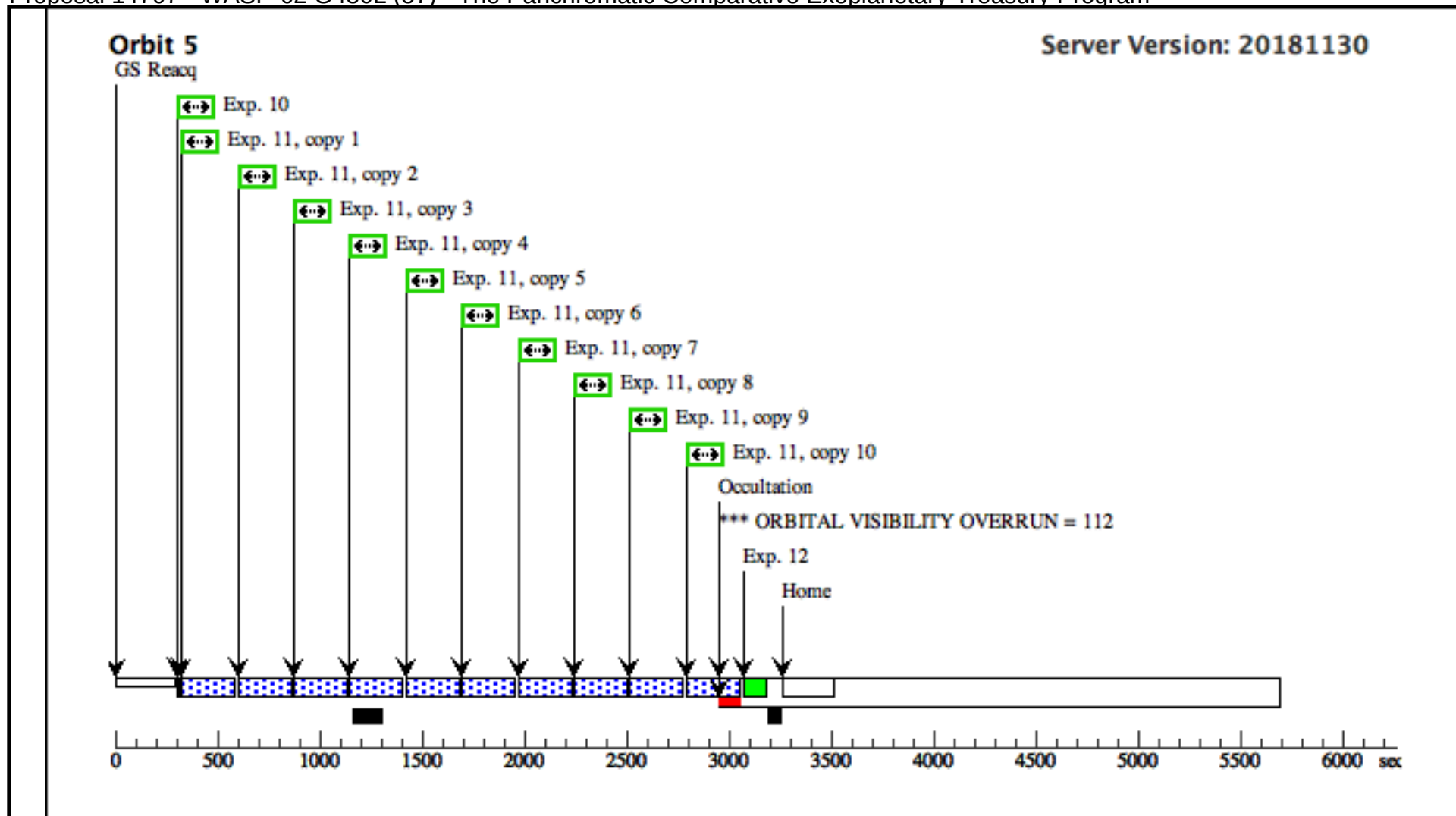


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-62 G430L x2 (58) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-62 G430L x2 (58), completed	Wed Jun 05 15:15:03 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 4.411953 D AND ZERO-PHASE HJD2455855.39195	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - WASP-62 G430L x2 (58) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-62 G430L x2 (58) - The Panchromatic Comparative Exoplanetary Treasury Program

Fixed Targets	(WASP-62 G430L x2 (58)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(12)	WASP-62	RA: 05 48 33.5945 (87.1399771d)	Proper Motion RA: -13.5 mas/yr	V=10.3
			Dec: -63 59 18.29 (-63.98841d)	Proper Motion Dec: 29.4 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Epoch of Position: 2000	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9] Extended=NO					

Proposal 14767 - WASP-62 G430L x2 (58) - The Panchromatic Comparative Exoplanetary Treasury Program

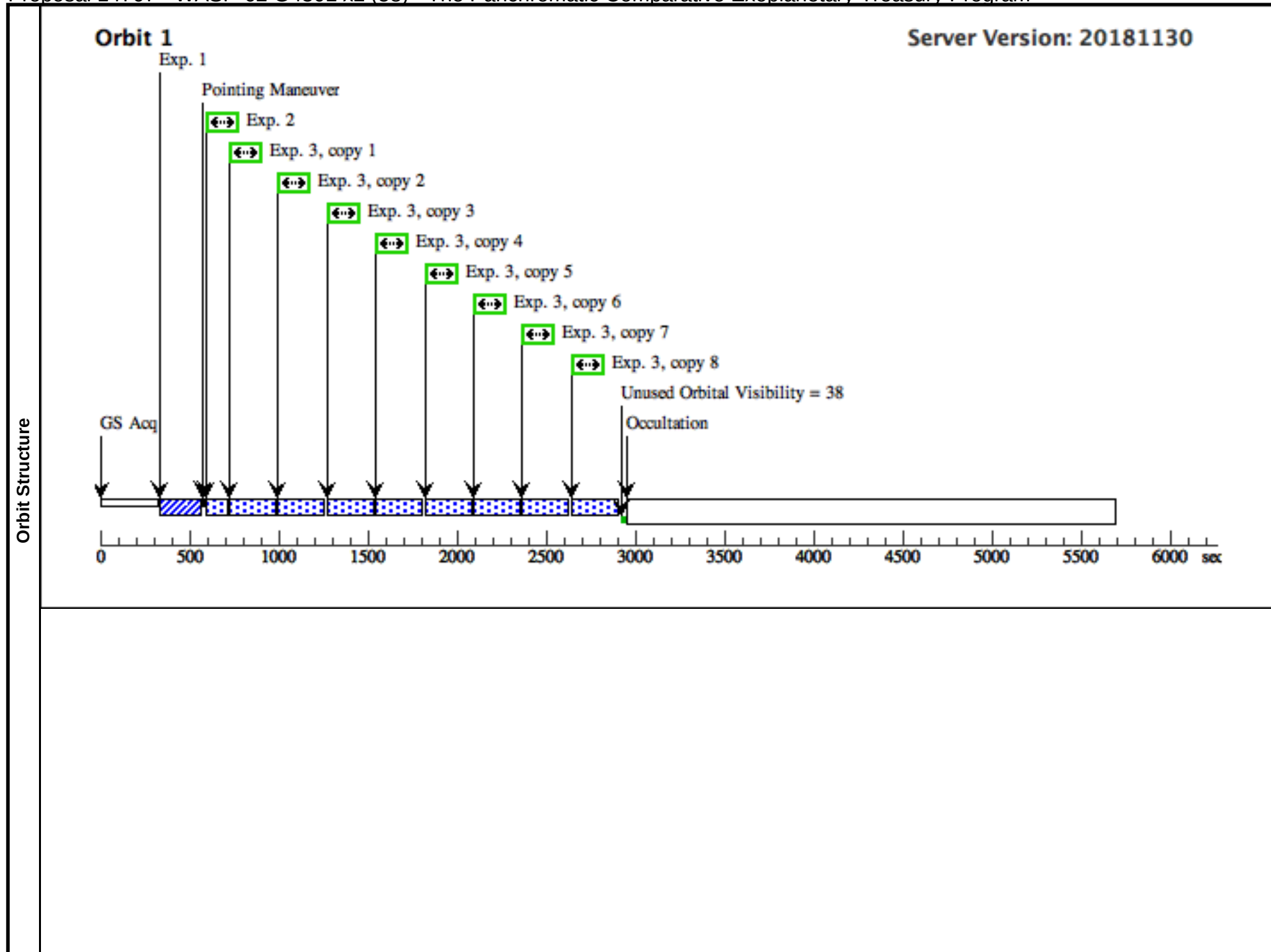
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5284)	(12) WASP-62	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9567 TO 0.9602	Sequence 1-3 Non-Int in WASP-62 G430L x2 (58)	.2 Secs (0.2 Secs) [==>]	[1]
	2	WASP-62 G 430L Orbit 1 (STIS.sp.82 2390)	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-62 G430L x2 (58)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-62 G 430L Orbit 1	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-62 G430L x2 (58)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	WASP-62 G 430L Orbit 2 (STIS.sp.82 2390)	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-62 G430L x2 (58)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-62 G 430L Orbit 2	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-62 G430L x2 (58)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-62 G 430L Orbit 3 (STIS.sp.82 2390)	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in WASP-62 G430L x2 (58)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-62 G430L x2 (58) - The Panchromatic Comparative Exoplanetary Treasury Program

7	WASP-62 G (12) WASP-62 430L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-62 G430L x2 (58)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-62 G (12) WASP-62 430L Orbit 4 (STIS.sp.82 2390)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-62 G430L x2 (58)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-62 G (12) WASP-62 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-62 G430L x2 (58)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WASP-62 G (12) WASP-62 430L Orbit 5 (STIS.sp.82 2390)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-62 G430L x2 (58)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	WASP-62 G (12) WASP-62 430L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-62 G430L x2 (58)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - WASP-62 G430L x2 (58) - The Panchromatic Comparative Exoplanetary Treasury Program

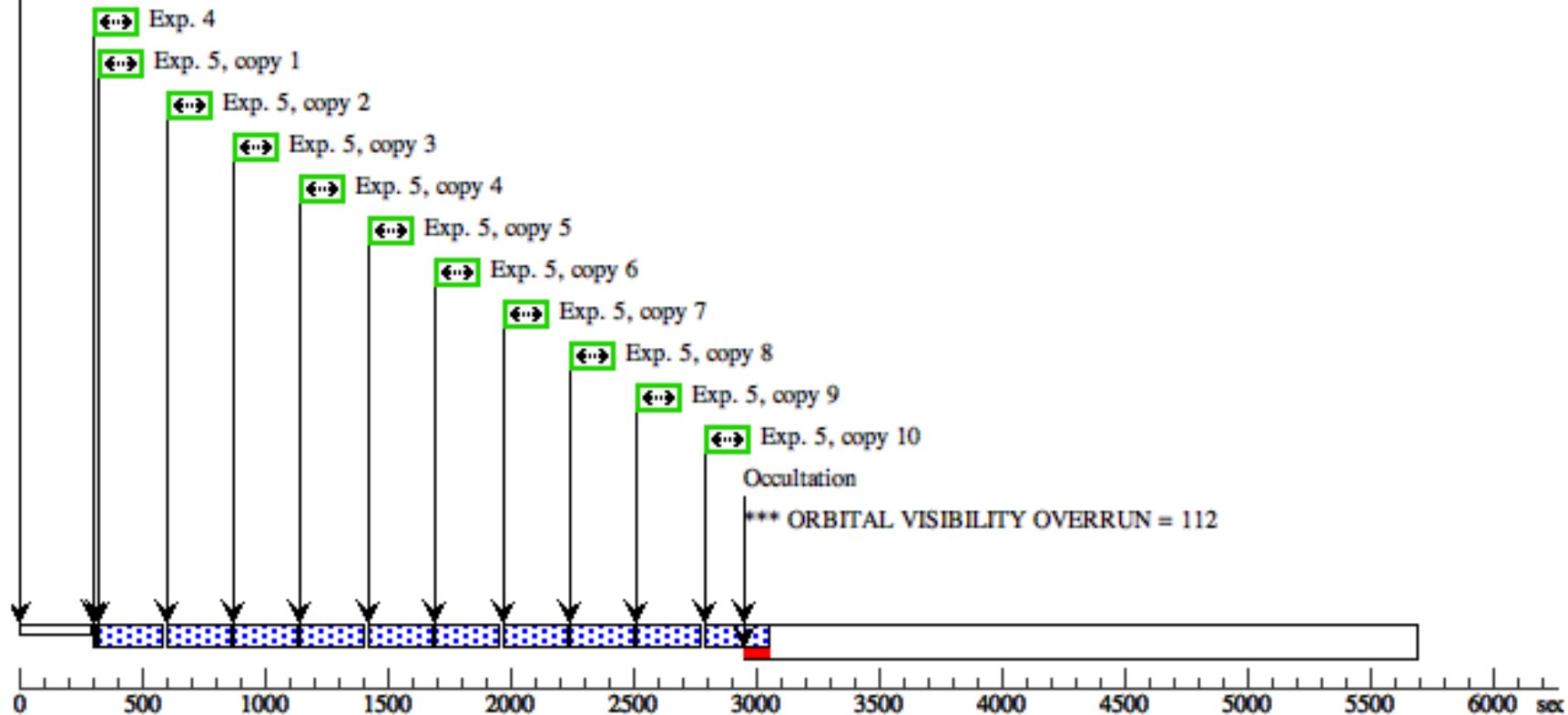
12	WAVE (STIS.sp.82 2390)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	Sequence 10-12 Non -Int in WASP-62 G4 30L x2 (58)	[==>]	[5]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle							



Orbit 2

Server Version: 20181130

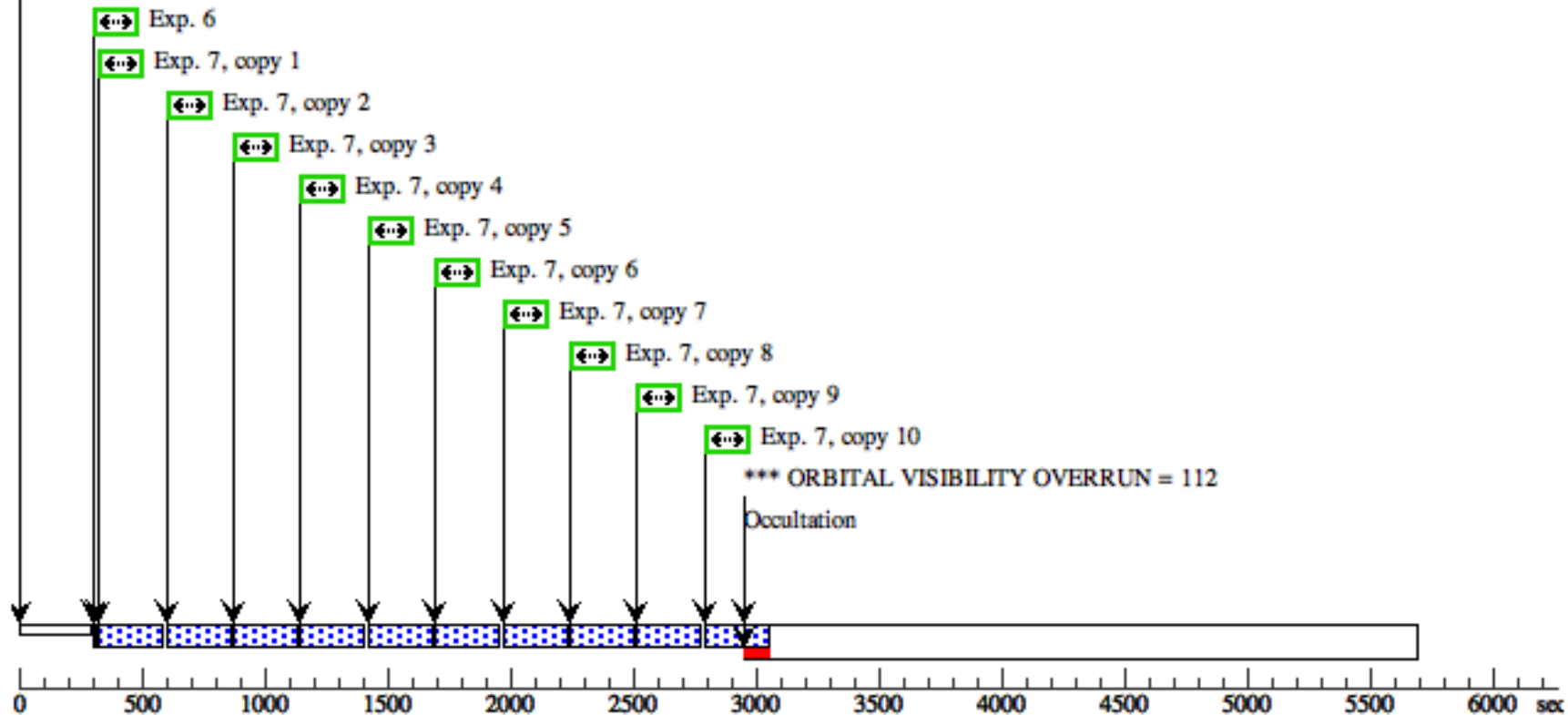
GS Reacq



Orbit 3

Server Version: 20181130

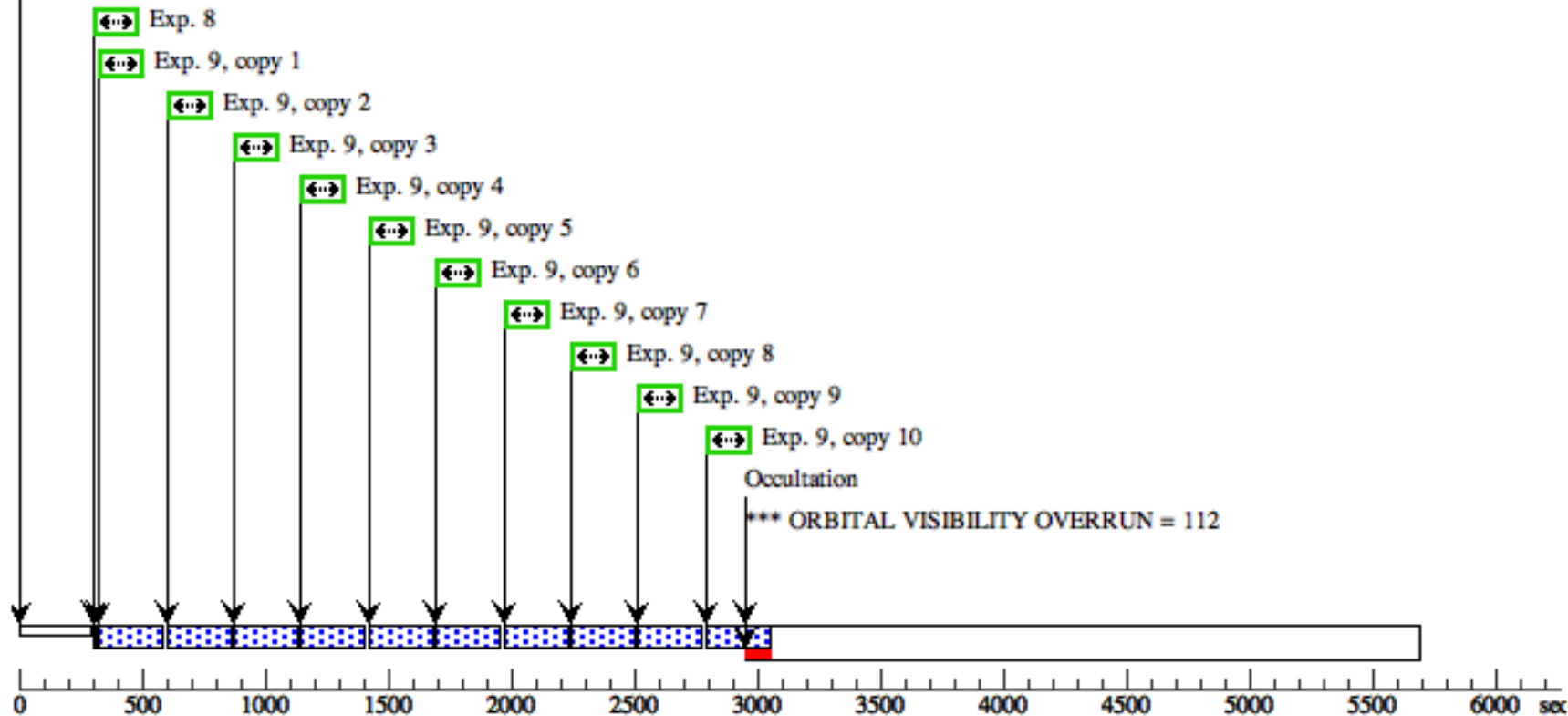
GS Reacq

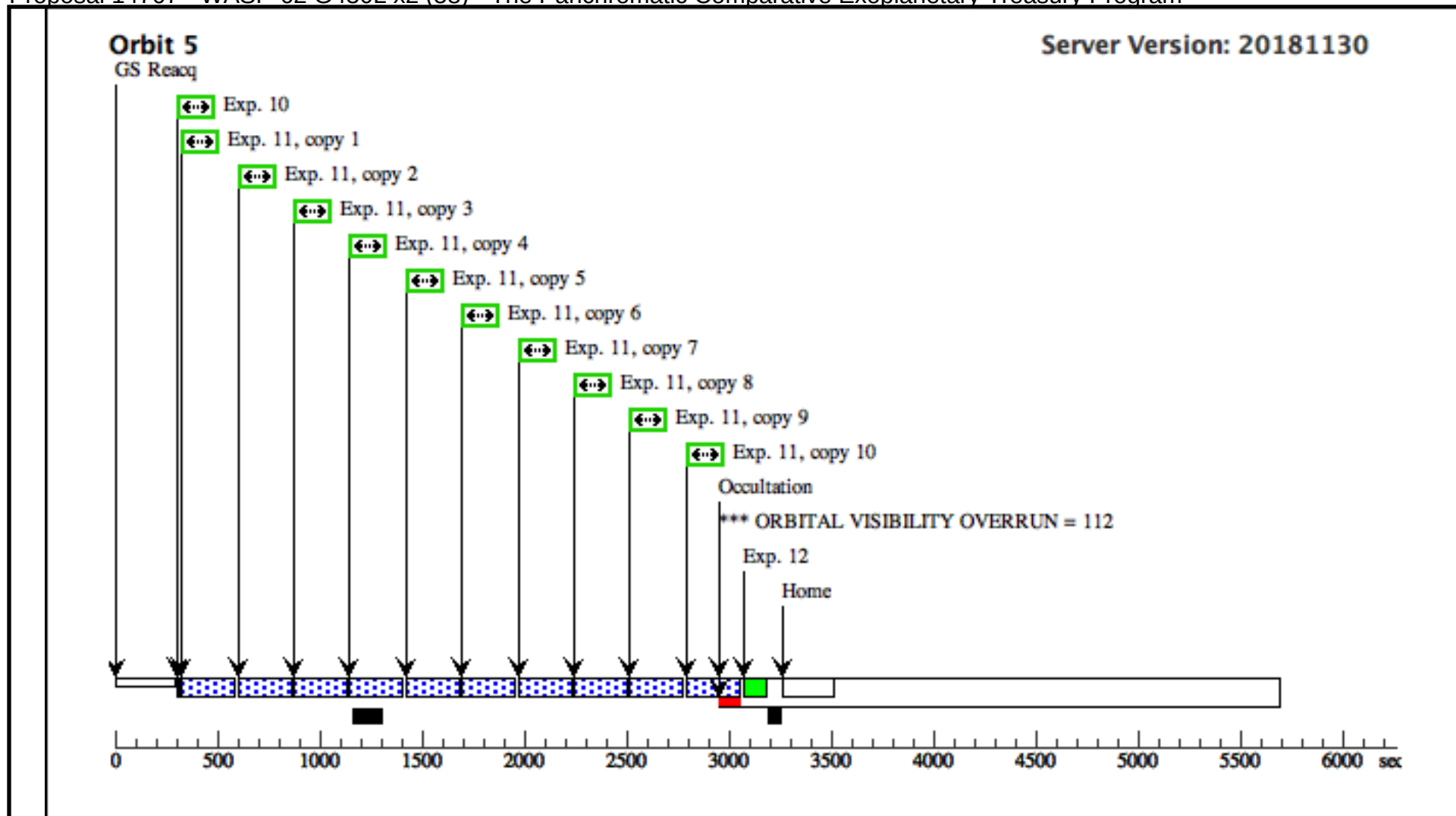


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-62 G750L (59) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-62 G750L (59), completed	Wed Jun 05 15:15:03 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 4.411953 D AND ZERO-PHASE HJD2455855.39195	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - WASP-62 G750L (59) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-62 G750L (59) - The Panchromatic Comparative Exoplanetary Treasury Program

(WASP-62 G750L (59)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-62 G750L (59)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-62 G750L (59)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-62 G750L (59)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
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(WASP-62 G750L (59)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-62 G750L (59)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-62 G750L (59)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(12)	WASP-62	RA: 05 48 33.5945 (87.1399771d)	Proper Motion RA: -13.5 mas/yr	V=10.3
			Dec: -63 59 18.29 (-63.98841d)	Proper Motion Dec: 29.4 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.				
	Category=STAR				
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]				
	Extended=NO				

Proposal 14767 - WASP-62 G750L (59) - The Panchromatic Comparative Exoplanetary Treasury Program

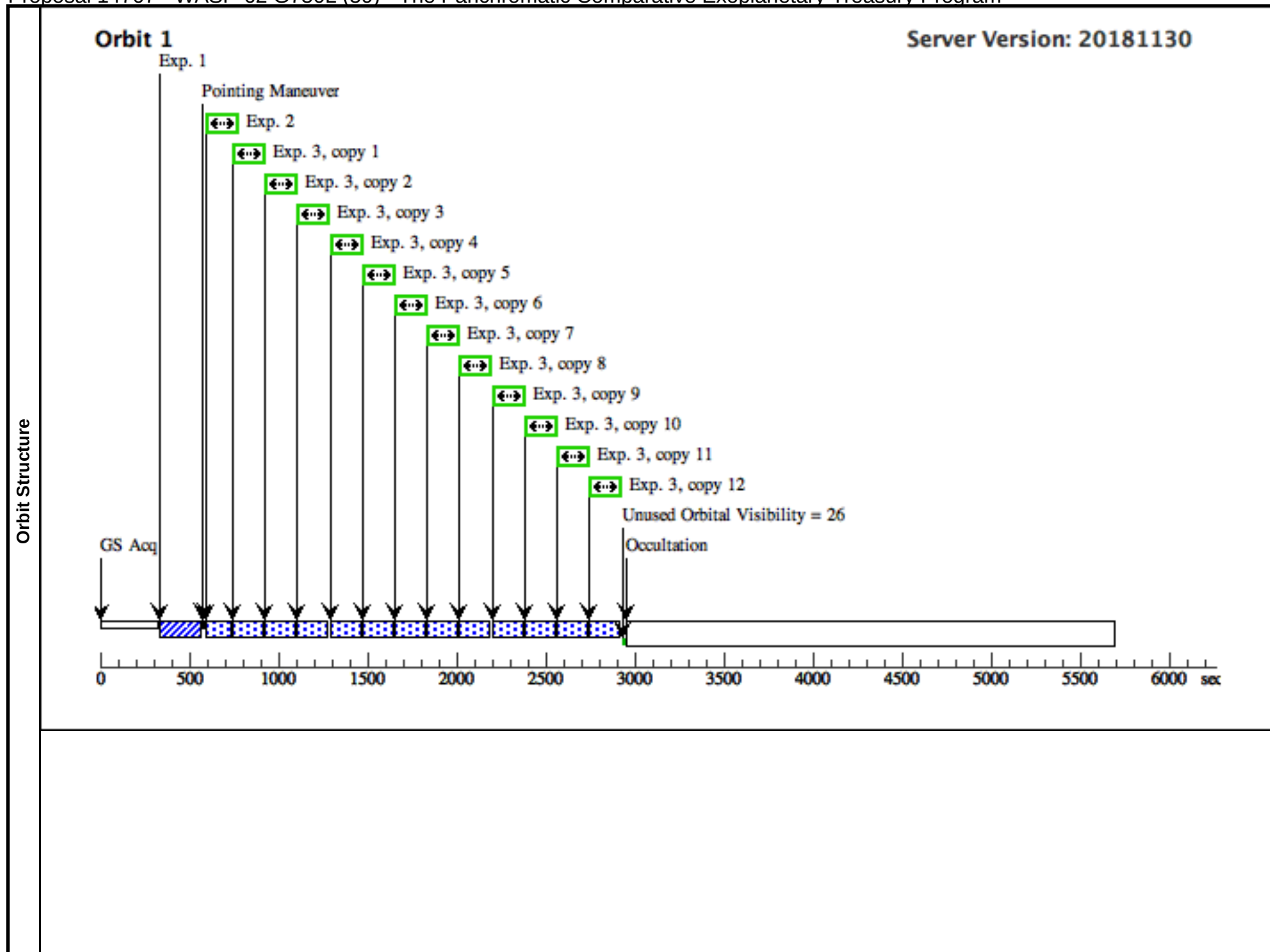
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5284)	(12) WASP-62	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9567 TO 0.9602	Sequence 1-3 Non-Int in WASP-62 G750L (59)	.2 Secs (0.2 Secs) [==>]	[1]
	2	WASP-62 G 750L Orbit 1	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-62 G750L (59)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-62 G 750L Orbit 1 (STIS.sp.82 2386)	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-62 G750L (59)	161 Secs X 12 (1932 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	4	WASP-62 G 750L Orbit 2	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-62 G750L (59)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-62 G 750L Orbit 2 (STIS.sp.82 2386)	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-62 G750L (59)	161 Secs X 15 (2415 Secs) [==>(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)]	[2]

Proposal 14767 - WASP-62 G750L (59) - The Panchromatic Comparative Exoplanetary Treasury Program

6	WASP-62 G (12) WASP-62 750L Orbit 3	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-62 G750 L (59)	1 Secs (1 Secs)	
							[==>]	[3]
							<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>	
7	WASP-62 G (12) WASP-62 750L Orbit 3 (STIS.sp.82 2386)	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-62 G750 L (59)	161 Secs X 15 (2415 Secs)	
							[==>(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)]	[3]
							<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>	
8	WASP-62 G (12) WASP-62 750L Orbit 4	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-62 G750 L (59)	1 Secs (1 Secs)	
							[==>]	[4]
							<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>	
9	WASP-62 G (12) WASP-62 750L Orbit 4 (STIS.sp.82 2386)	(12) WASP-62	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-62 G750 L (59)	161 Secs X 15 (2415 Secs)	
							[==>(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)]	[4]
							<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>	

Proposal 14767 - WASP-62 G750L (59) - The Panchromatic Comparative Exoplanetary Treasury Program

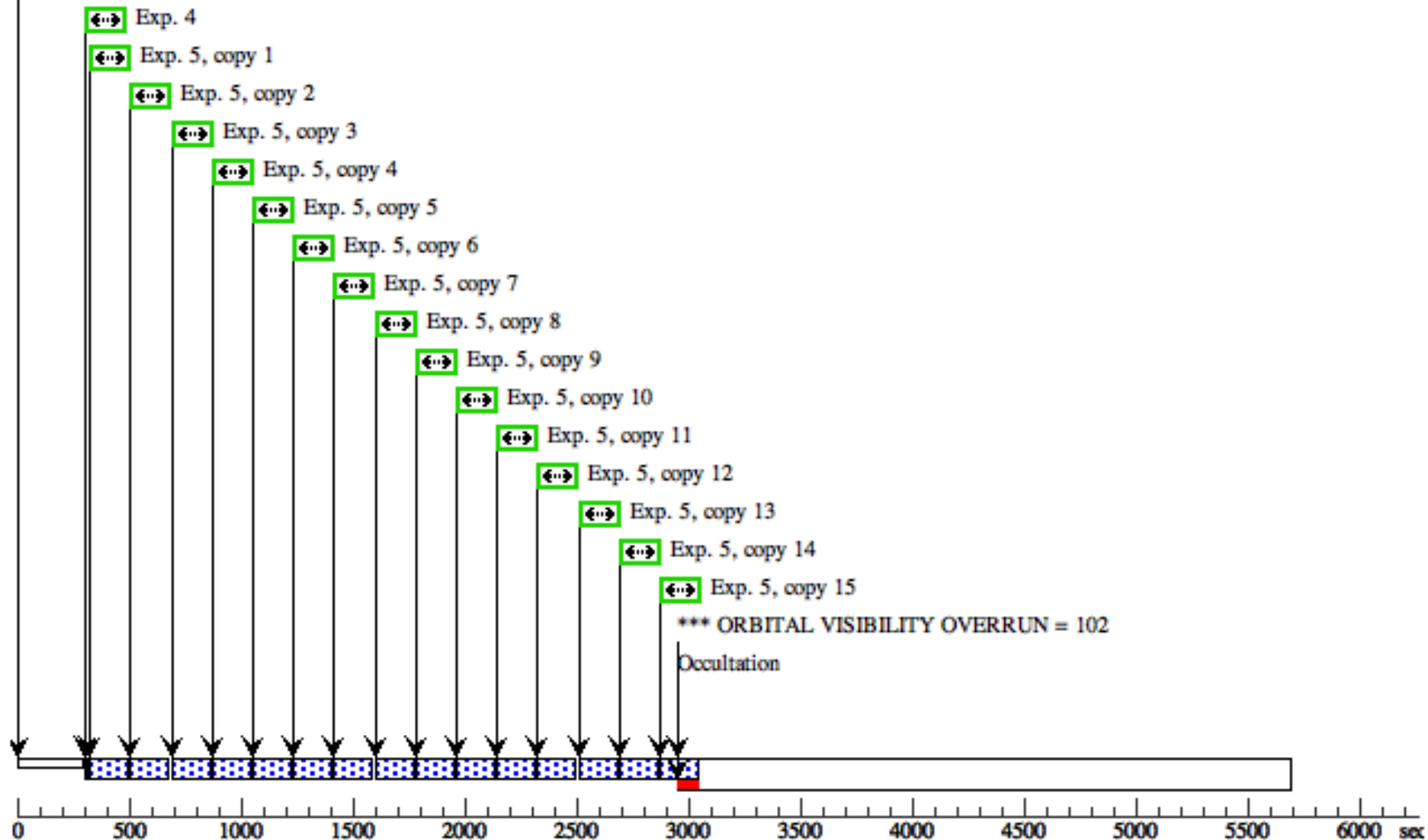
10	WASP-62 G (12) WASP-62 750L Orbit 5	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non -Int in WASP-62 G7 50L (59)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	WASP-62 G (12) WASP-62 750L Orbit 5 (STIS.sp.82 2386)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non -Int in WASP-62 G7 50L (59)	161 Secs X 15 (2415 Secs) [==>(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)]	[5]
12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		Sequence 10-14 Non -Int in WASP-62 G7 50L (59)	[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>							
13	Flat CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		Sequence 10-14 Non -Int in WASP-62 G7 50L (59)	[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La NONE mp	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	Sequence 10-14 Non -Int in WASP-62 G7 50L (59)	240 Secs X 4 (960 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[5]
<i>Comments: Expected peak count level = 50,000 e-</i>							



Orbit 2

GS Reacq

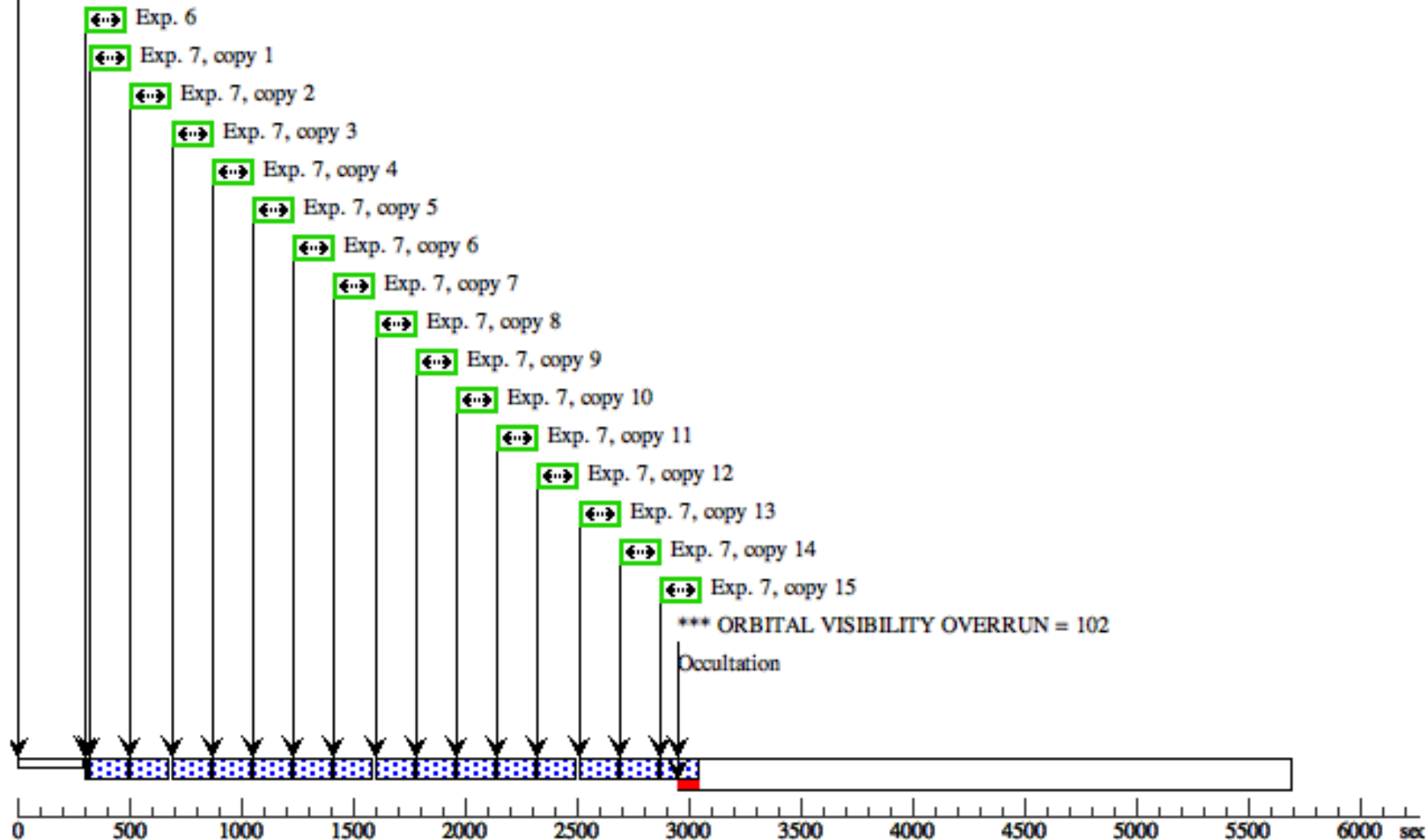
Server Version: 20181130



Orbit 3

Server Version: 20181130

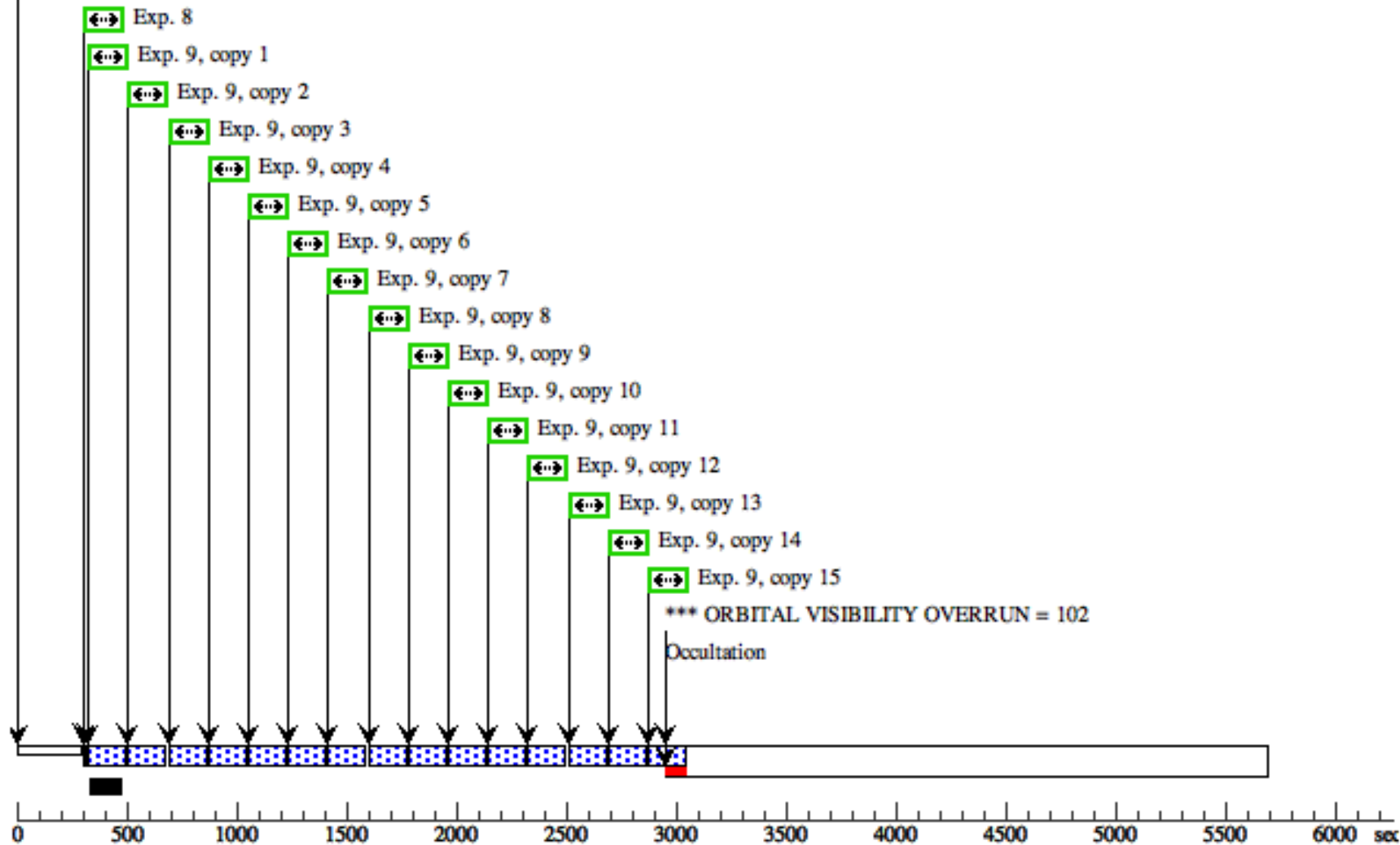
GS Reacq

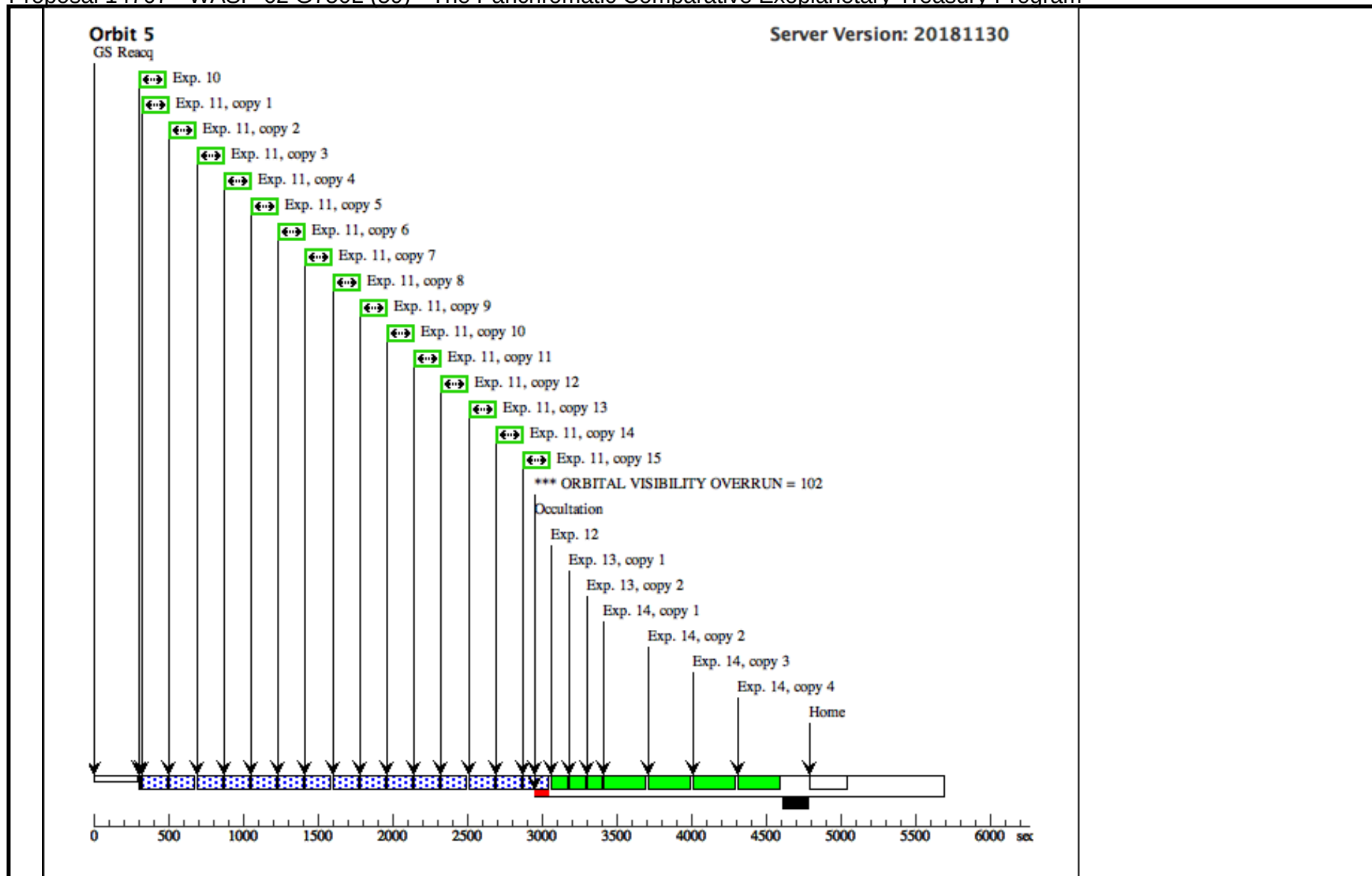


Orbit 4

GS Reacq

Server Version: 20181130





Proposal 14767 - WASP-62 WFC3 Transit (60) - The Panchromatic Comparative Exoplanetary Treasury Program

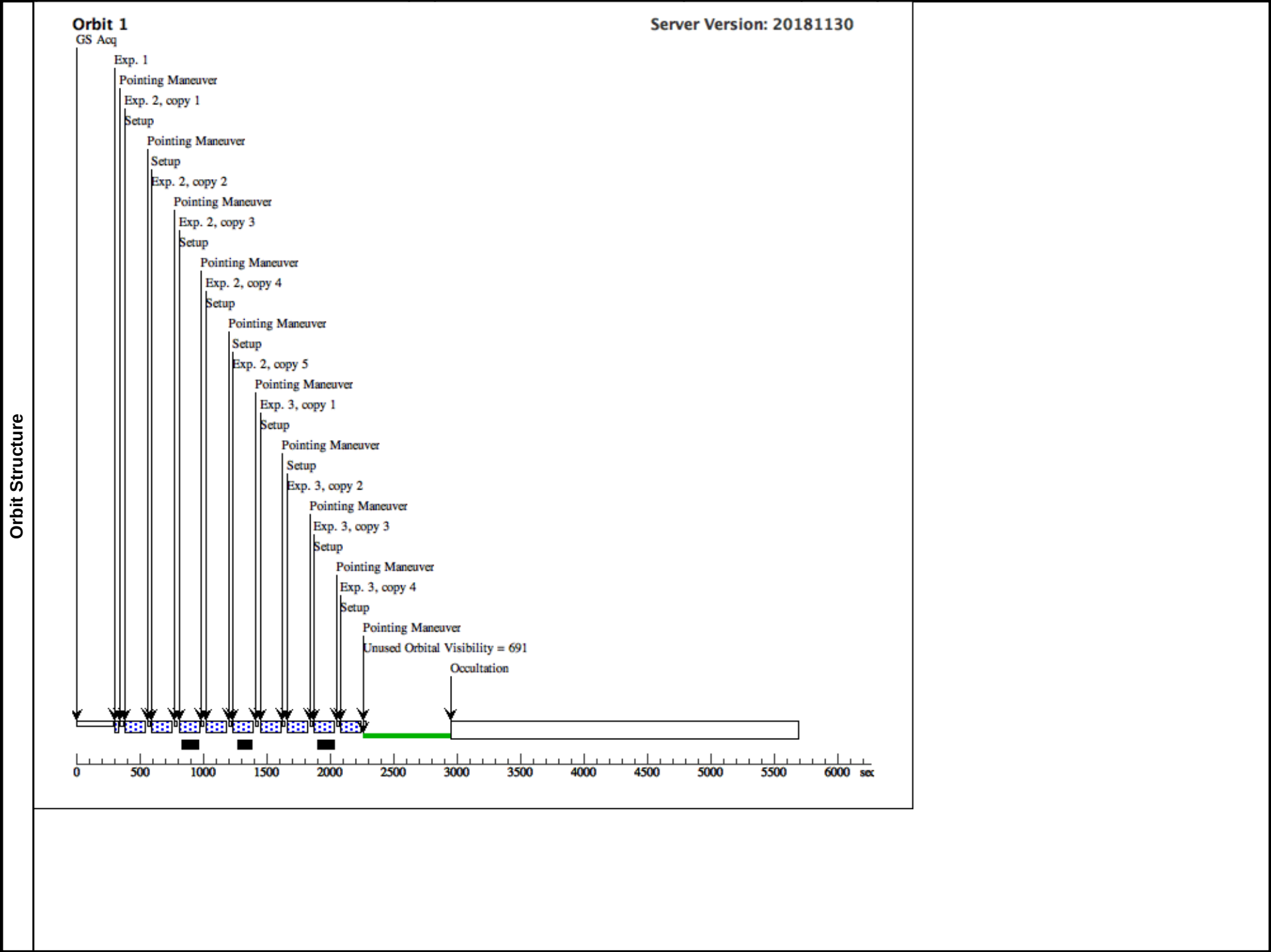
Visit	Proposal 14767, WASP-62 WFC3 Transit (60), completed					Wed Jun 05 15:15:03 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR					
	Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 4.411953 D AND ZERO-PHASE HJD2455855.39195					
	Comments: It is essential that the five orbits be scheduled in a coninuous block.					
Diagnostics	Scan rates have been adjusted from 0.15 arcseconds/pixel to 0.12 arcseconds/pixel. This is to increase the count rate to a maximum of 30,000 electrons in each exposure.					
	(WASP-62 WFC3 Transit (60)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-62 WFC3 Transit (60)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-62 WFC3 Transit (60)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-62 WFC3 Transit (60)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	WASP-62	RA: 05 48 33.5945 (87.1399771d)	Proper Motion RA: -13.5 mas/yr	V=10.3	Reference Frame: ICRS
			Dec: -63 59 18.29 (-63.98841d)	Proper Motion Dec: 29.4 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
Category=STAR						
Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]						
Extended=NO						

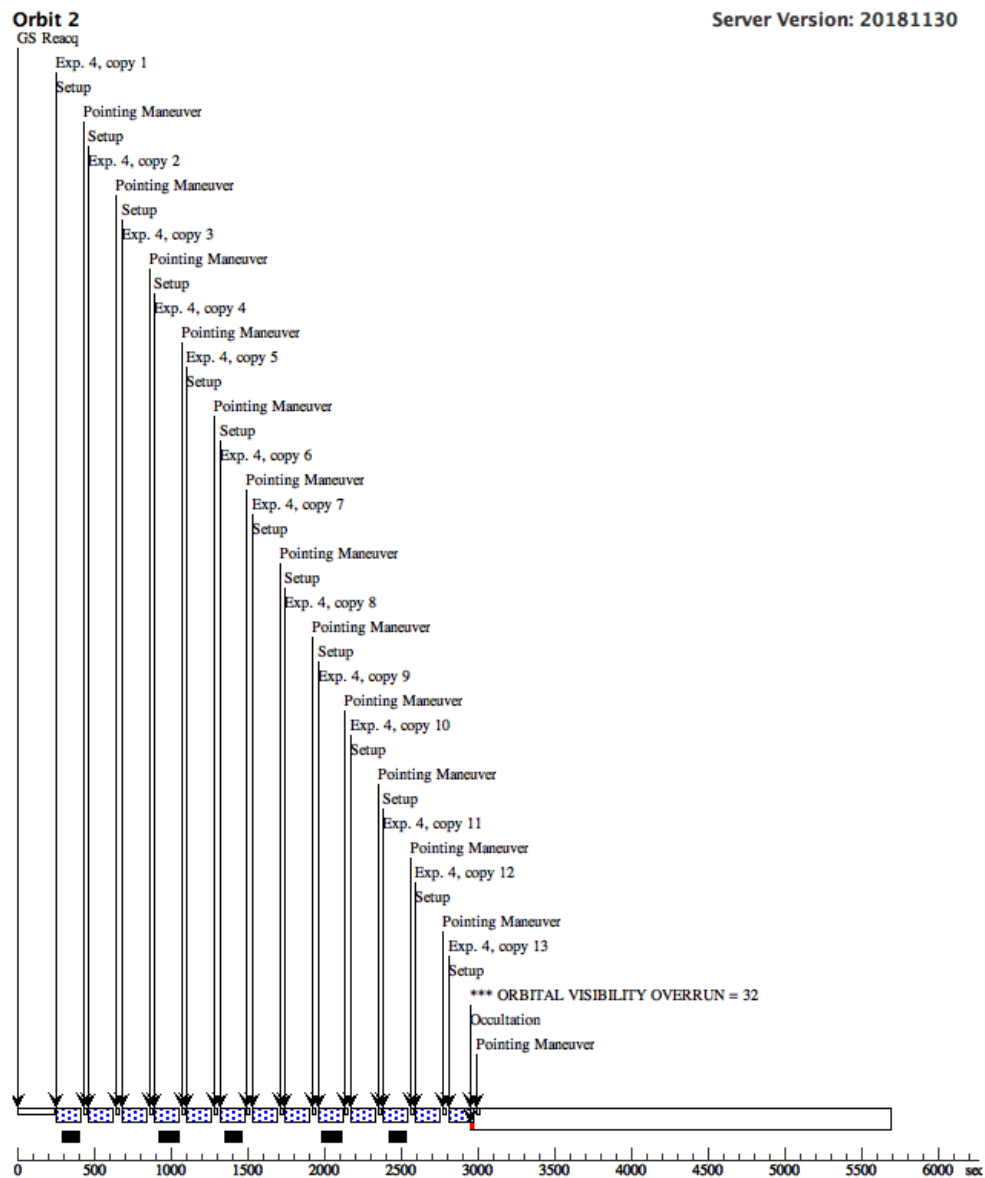
Proposal 14767 - WASP-62 WFC3 Transit (60) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(12) WASP-62	WFC3/IR, MULTIACCUM, GRISM512	F139M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9567 TO 0.9602; GS ACQ SCENARIO SINGLE	Sequence 1-2 Non-Int in WASP-62 WFC3 Transit (60)	4.265135 Secs (4.265 Secs) [==>]	[1]
	Comments: The Filter image aperture has been changed to the GRISM512 from IRSUB512 to match the correct procedures as described in the handbook and obtain the correct wavelength calibration position.									
	2		(12) WASP-62	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24,-14; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 1-2 Non-Int in WASP-62 WFC3 Transit (60)	138.380533 Secs X 5 (691.903 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)]	[1]
	3		(12) WASP-62	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24,-14; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 3-3 Non-Int in WASP-62 WFC3 Transit (60)	138.380533 Secs X 4 (553.522 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]
	4		(12) WASP-62	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-14; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 4-4 Non-Int in WASP-62 WFC3 Transit (60)	138.380533 Secs X 13 (1798.947 Secs) [==>(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)]	[2]

Proposal 14767 - WASP-62 WFC3 Transit (60) - The Panchromatic Comparative Exoplanetary Treasury Program

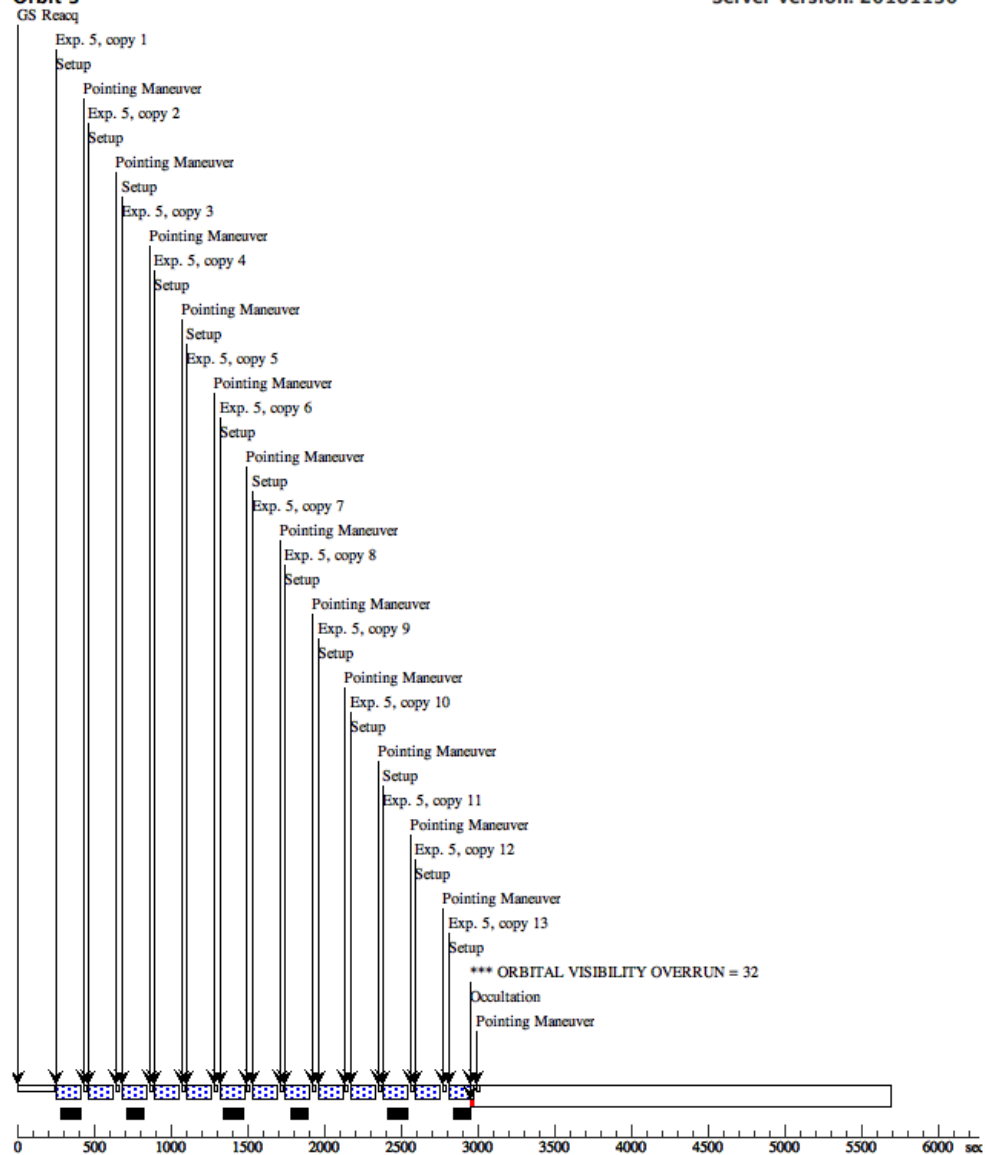
5	(12) WASP-62	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-1 4; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 5-5 Non-Int in WASP-62 WFC3 Transit (60)	138.380533 Secs X 13 (1798.947 Secs)	[3]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)]	
6	(12) WASP-62	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-1 4; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 6-6 Non-Int in WASP-62 WFC3 Transit (60)	138.380533 Secs X 13 (1798.947 Secs)	[4]
							[==>(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)]	
7	(12) WASP-62	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-1 4; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 7-7 Non-Int in WASP-62 WFC3 Transit (60)	138.380533 Secs X 13 (1798.947 Secs)	[5]
							[==>(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)]	

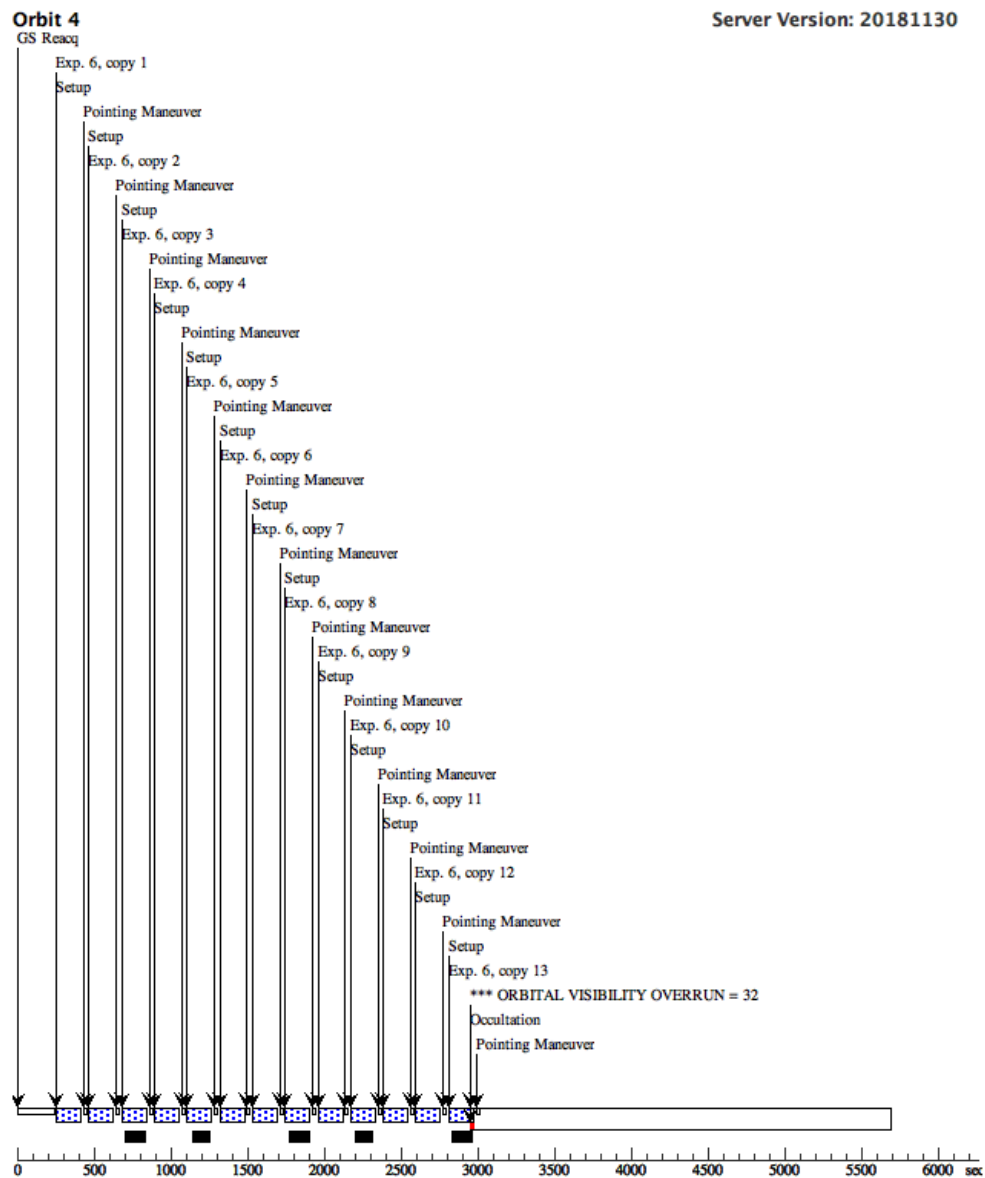


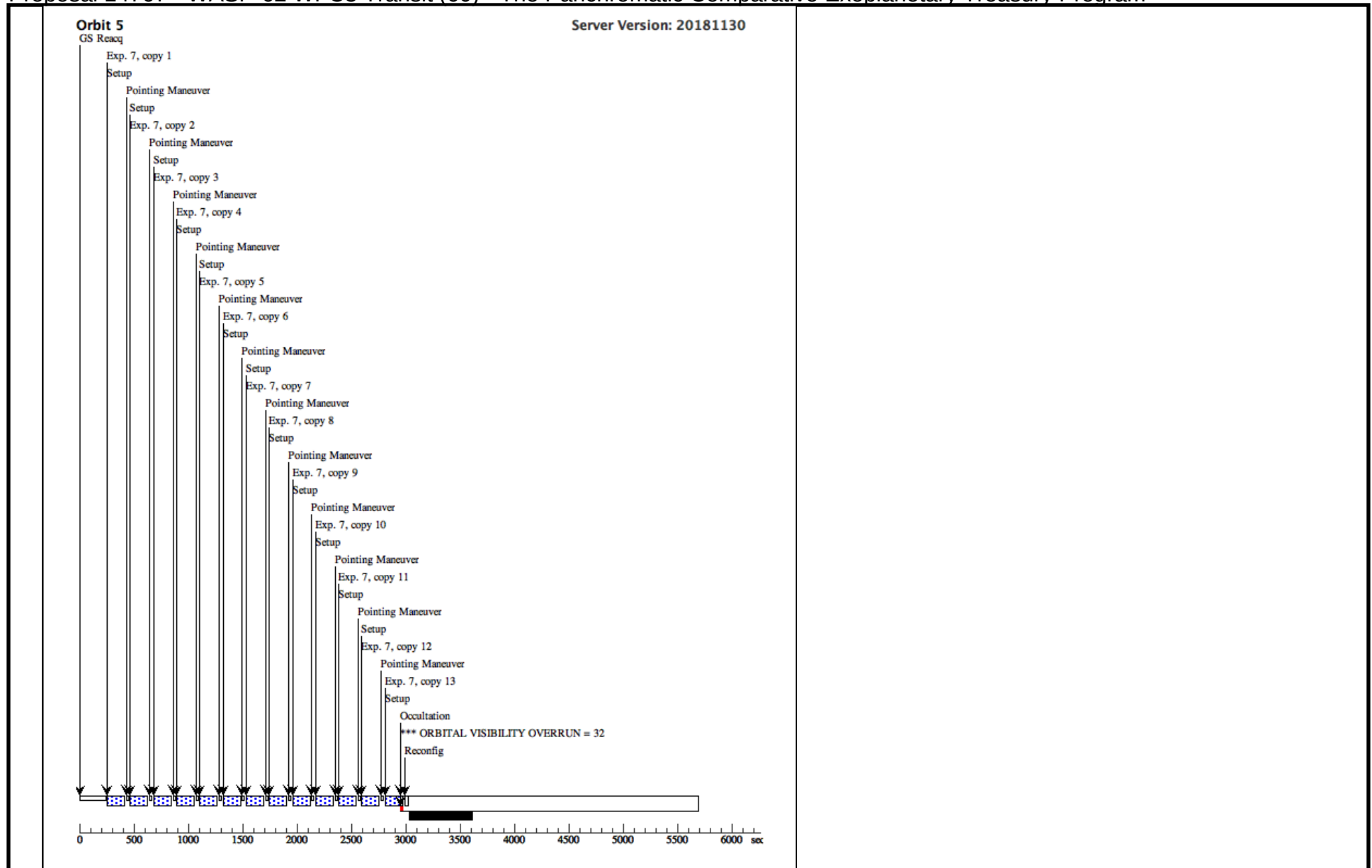


Orbit 3

Server Version: 20181130







Proposal 14767 - WASP-101 G430L (61) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-101 G430L (61), completed	Wed Jun 05 15:15:03 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 3.585722 D AND ZERO-PHASE HJD2456164.6934	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

[illegible]

Proposal 14767 - WASP-101 G430L (61) - The Panchromatic Comparative Exoplanetary Treasury Program

Fixed Targets	(WASP-101 G430L (61)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(13)	WASP-101	RA: 06 33 24.2668 (98.3511117d)	Proper Motion RA: -4.7 mas/yr	V=10.34
			Dec: -23 29 10.27 (-23.48619d)	Proper Motion Dec: 26.9 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Epoch of Position: 2000	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
Category=STAR					
Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]					
Extended=NO					

Proposal 14767 - WASP-101 G430L (61) - The Panchromatic Comparative Exoplanetary Treasury Program

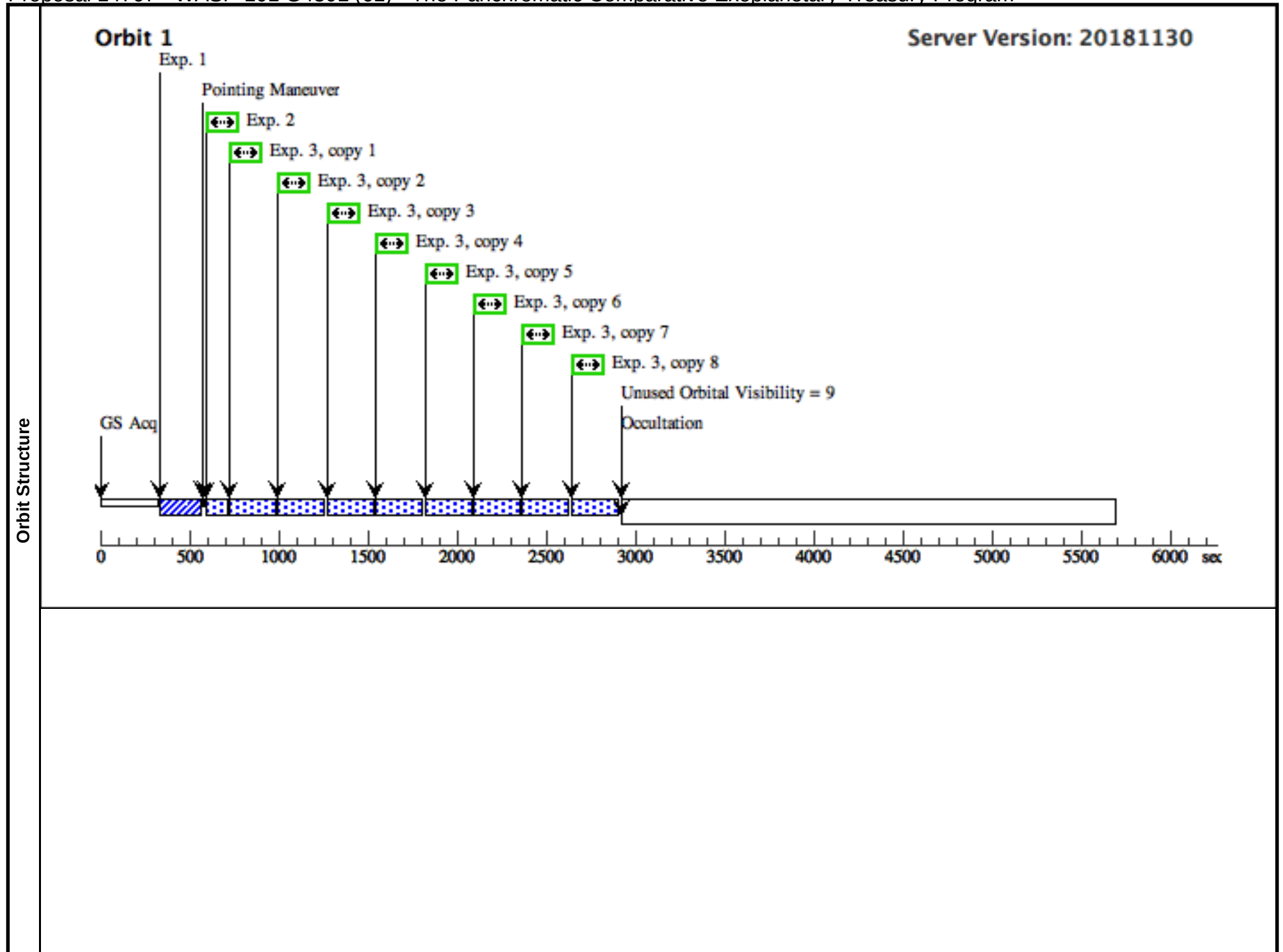
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5288)	(13) WASP-101	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.947 TO 0.951	Sequence 1-3 Non-Int in WASP-101 G430L (61)	0.2 Secs (0.2 Secs) [==>]	[1]
	2	WASP-101 G430L Orbit 1	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-101 G430L (61)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-101 G430L Orbit 1 (STIS.sp.82 2393)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-101 G430L (61)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	WASP-101 G430L Orbit 2	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-101 G430L (61)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-101 G430L Orbit 2 (STIS.sp.82 2393)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-101 G430L (61)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-101 G430L Orbit 3	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in WASP-101 G430L (61)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-101 G430L (61) - The Panchromatic Comparative Exoplanetary Treasury Program

7	WASP-101 G430L Orbit 3 (STIS.sp.82 2393)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-101 G430L (61)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-101 G430L Orbit 4	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-101 G430L (61)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	WASP-101 G430L Orbit 4 (STIS.sp.82 2393)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-101 G430L (61)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WASP-101 G430L Orbit 5	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-101 G430L (61)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	WASP-101 G430L Orbit 5 (STIS.sp.82 2393)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-101 G430L (61)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - WASP-101 G430L (61) - The Panchromatic Comparative Exoplanetary Treasury Program

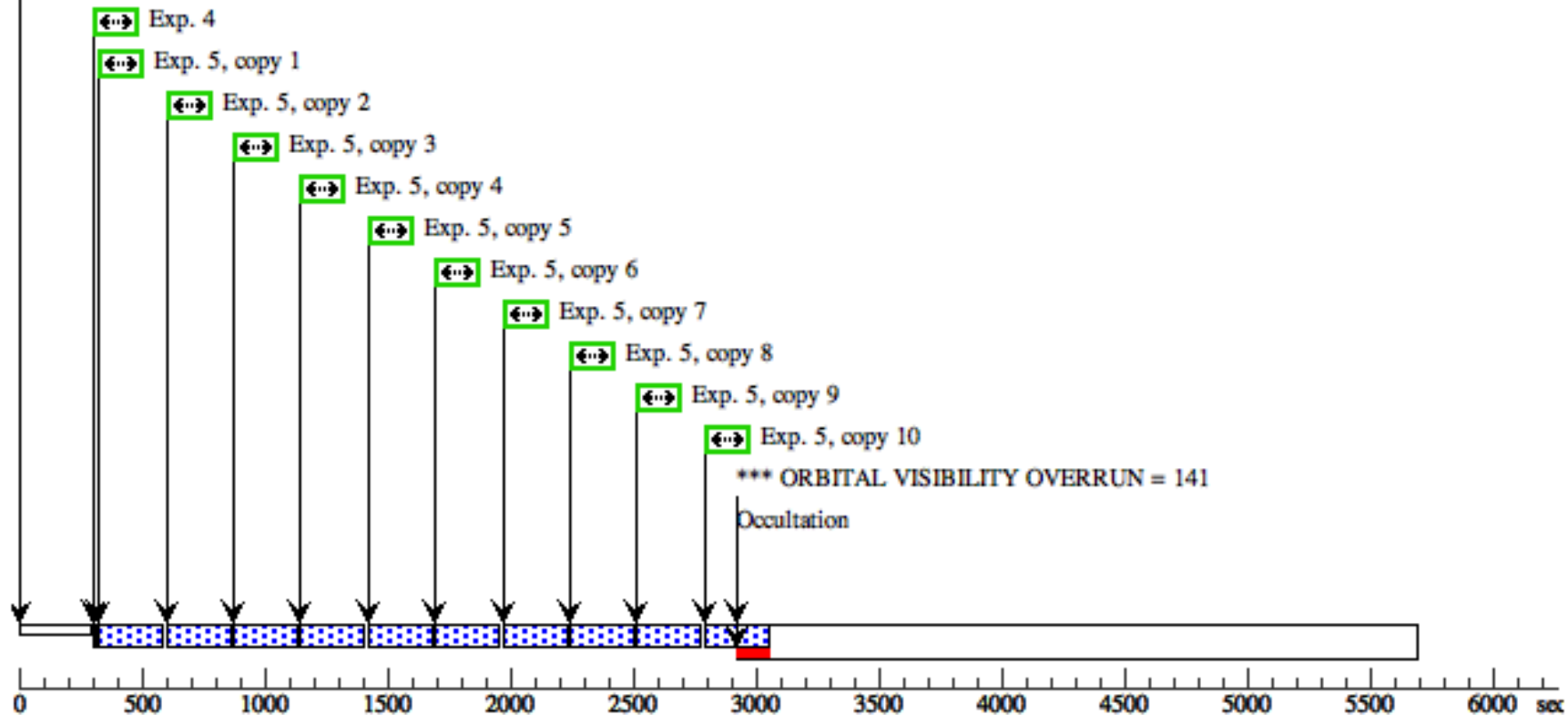
	12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	Sequence 10-12 Non -Int in WASP-101 G 430L (61)	[==>]	[5]
							Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle	



Orbit 2

Server Version: 20181130

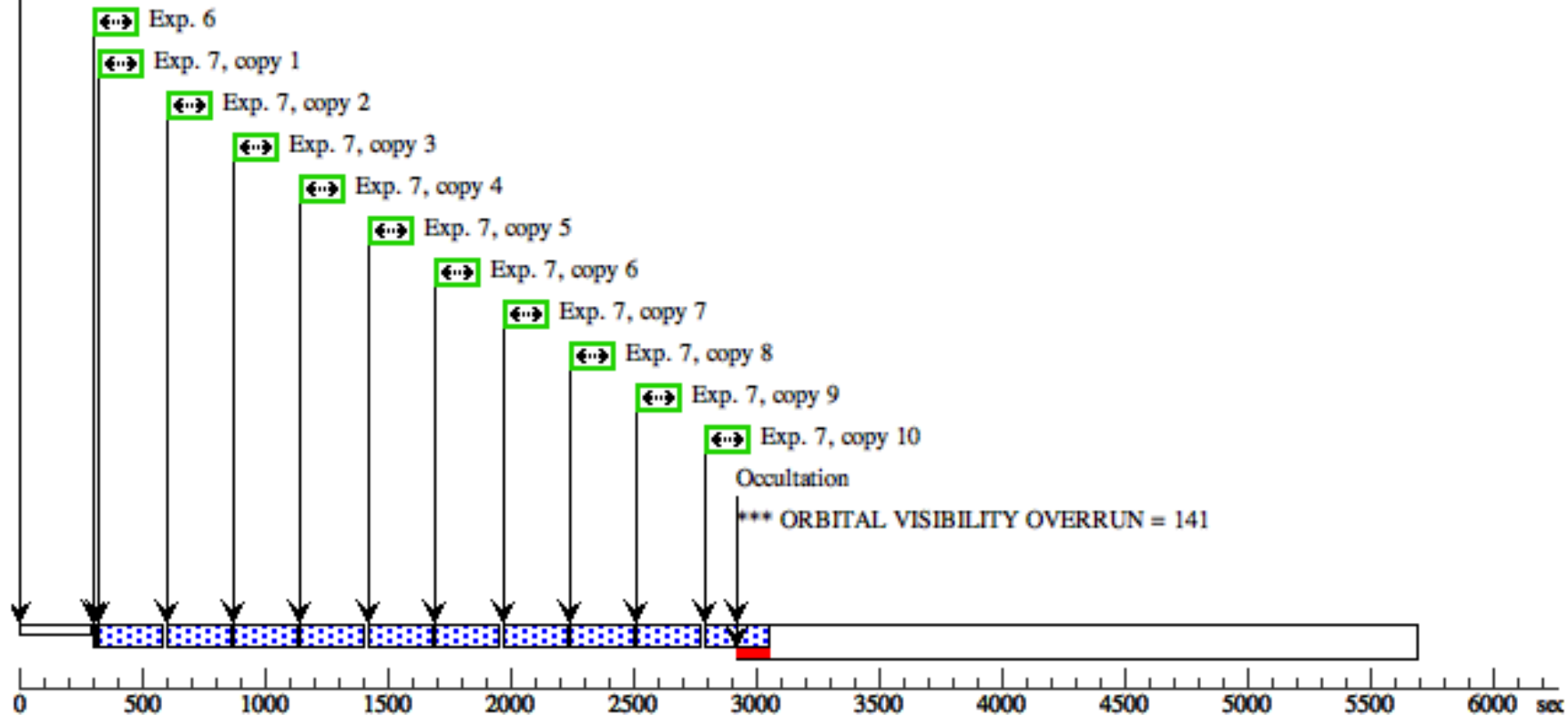
GS Reacq



Orbit 3

Server Version: 20181130

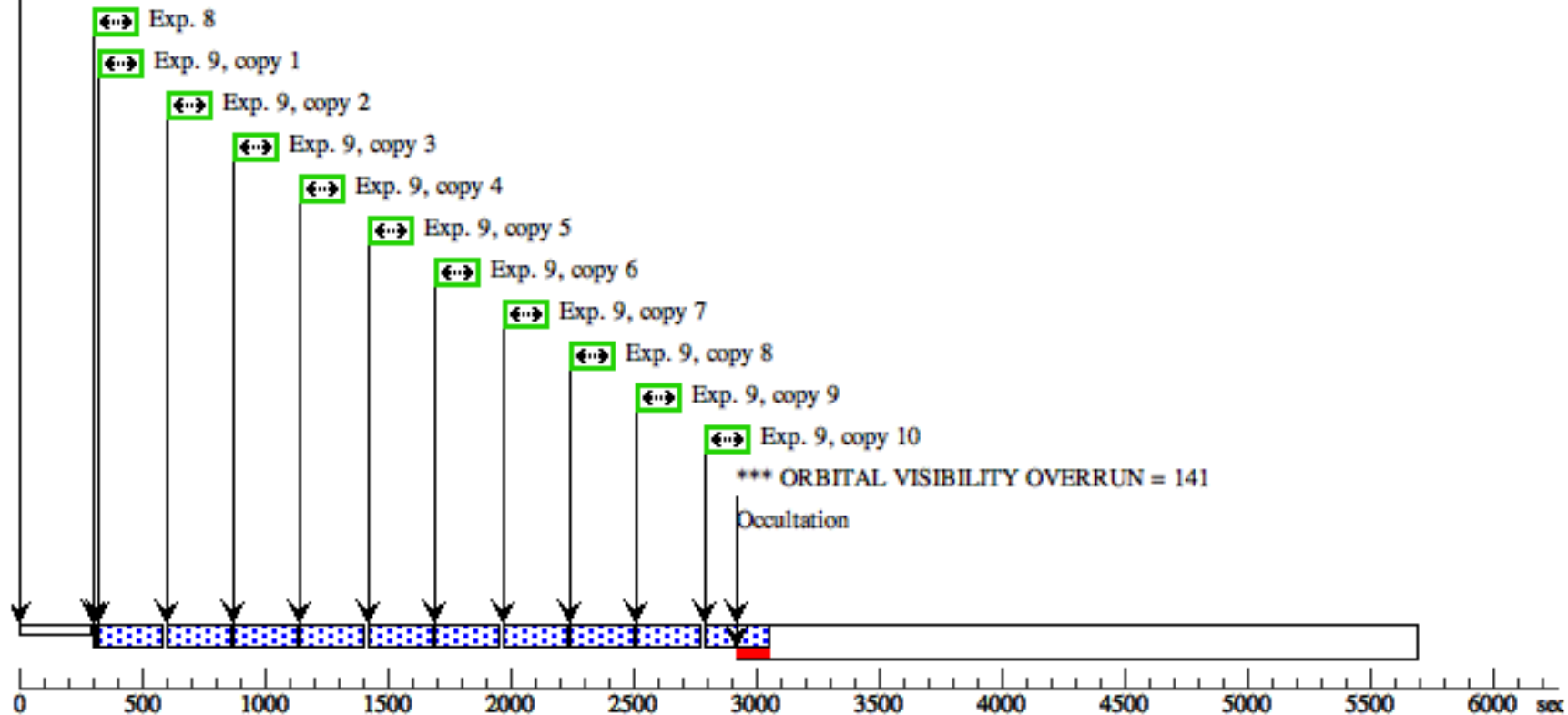
GS Reacq

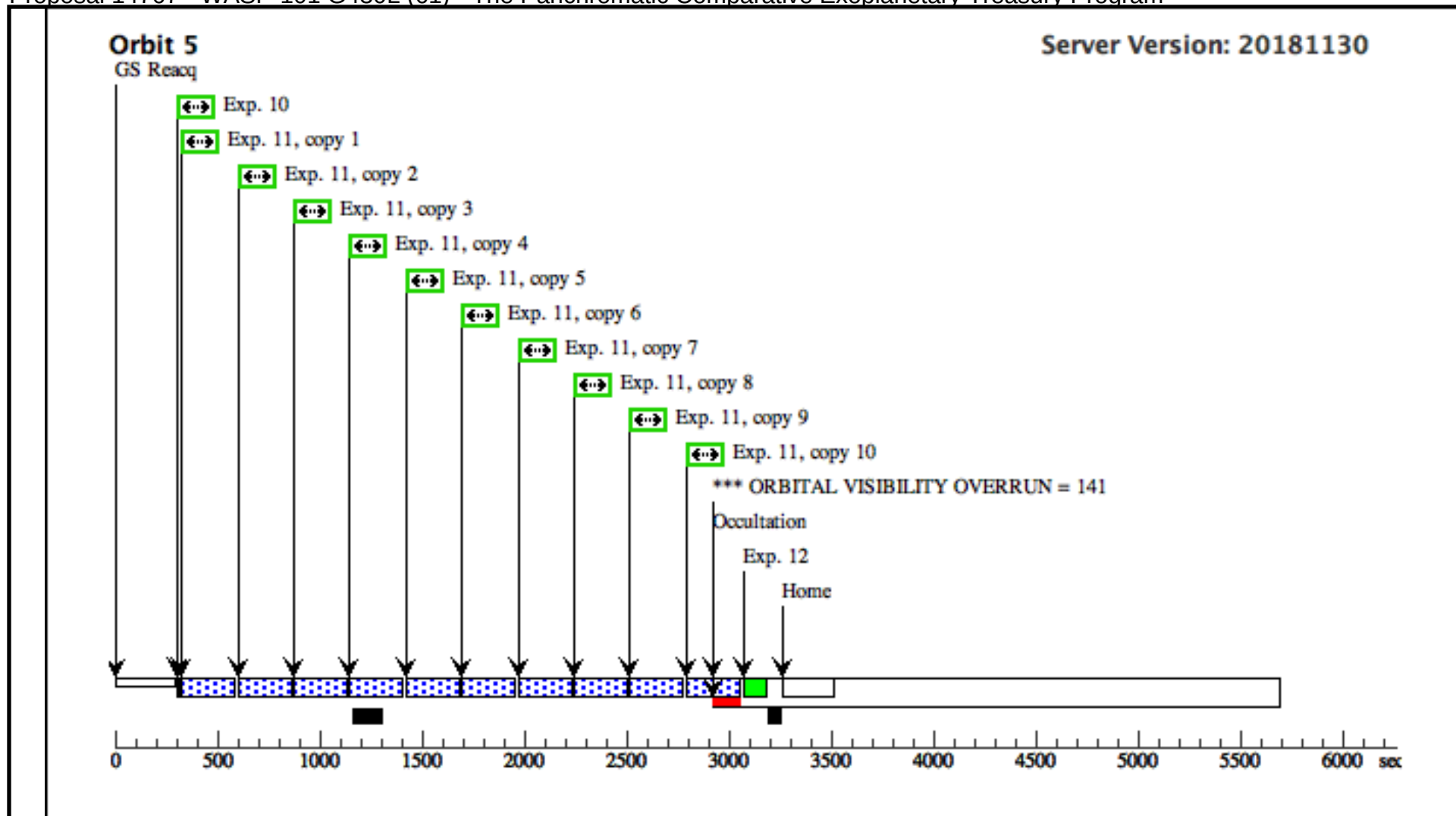


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-101 G430L x2 (62) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-101 G430L x2 (62), completed	Wed Jun 05 15:15:03 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 3.585722 D AND ZERO-PHASE HJD2456164.6934	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

[illegible]

Proposal 14767 - WASP-101 G430L x2 (62) - The Panchromatic Comparative Exoplanetary Treasury Program

Fixed Targets	(WASP-101 G430L x2 (62)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(13)	WASP-101	RA: 06 33 24.2668 (98.3511117d)	Proper Motion RA: -4.7 mas/yr	V=10.34	Reference Frame: ICRS
			Dec: -23 29 10.27 (-23.48619d)	Proper Motion Dec: 26.9 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]						
Extended=NO						

Proposal 14767 - WASP-101 G430L x2 (62) - The Panchromatic Comparative Exoplanetary Treasury Program

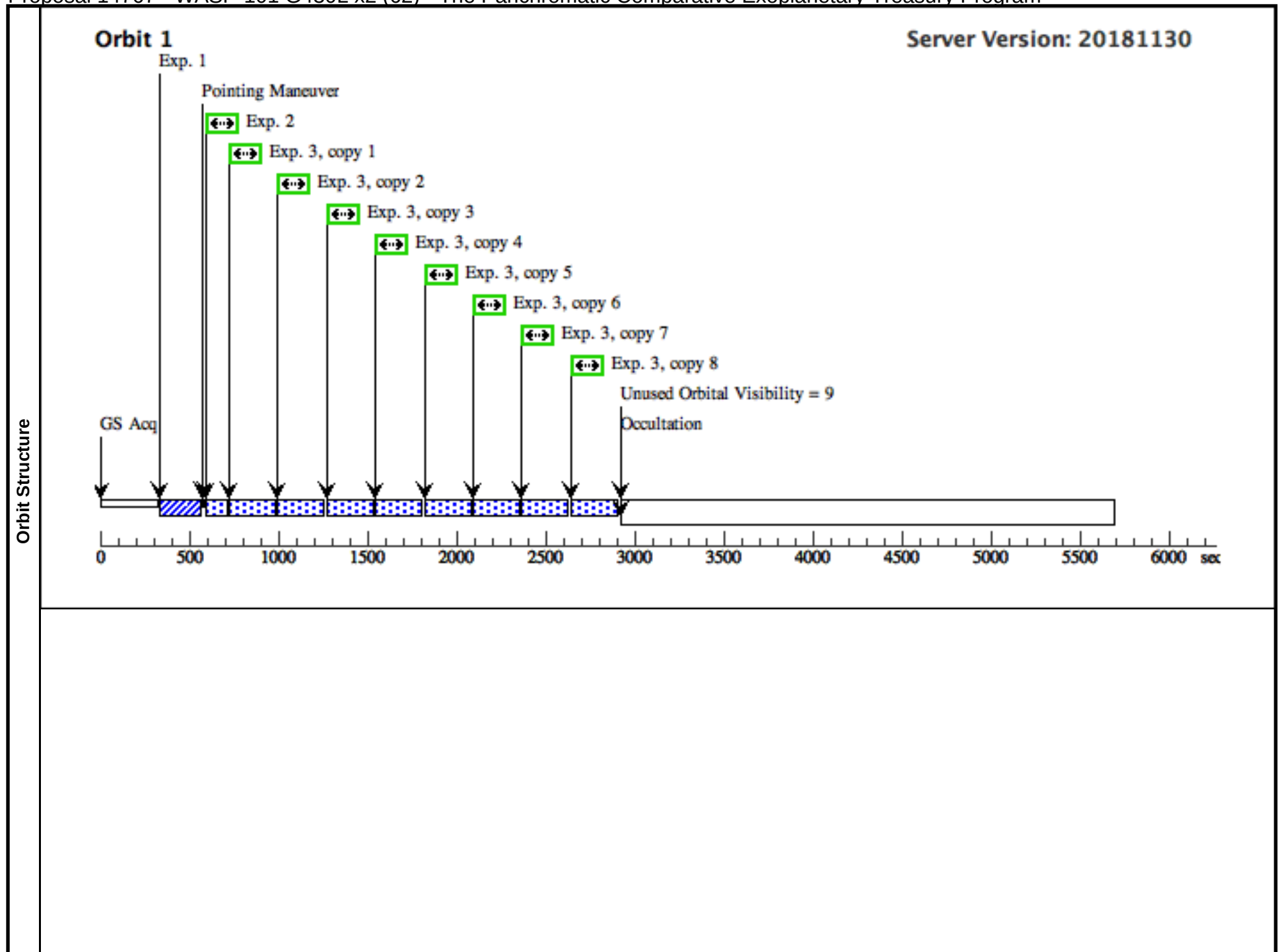
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5288)	(13) WASP-101	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.947 TO 0.951	Sequence 1-3 Non-Int in WASP-101 G430L x2 (62)	0.2 Secs (0.2 Secs) [==>]	[1]
	2	WASP-101 G430L Orbit 1	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-101 G430L x2 (62)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-101 G430L Orbit 1 (STIS.sp.82 2393)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-101 G430L x2 (62)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	WASP-101 G430L Orbit 2	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-101 G430L x2 (62)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-101 G430L Orbit 2 (STIS.sp.82 2393)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-101 G430L x2 (62)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-101 G430L Orbit 3	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in WASP-101 G430L x2 (62)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-101 G430L x2 (62) - The Panchromatic Comparative Exoplanetary Treasury Program

7	WASP-101 G430L Orbit 3 (STIS.sp.82 2393)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-101 G430L x2 (62)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-101 G430L Orbit 4	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-101 G430L x2 (62)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	WASP-101 G430L Orbit 4 (STIS.sp.82 2393)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-101 G430L x2 (62)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WASP-101 G430L Orbit 5	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-101 G430L x2 (62)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	WASP-101 G430L Orbit 5 (STIS.sp.82 2393)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-101 G430L x2 (62)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - WASP-101 G430L x2 (62) - The Panchromatic Comparative Exoplanetary Treasury Program

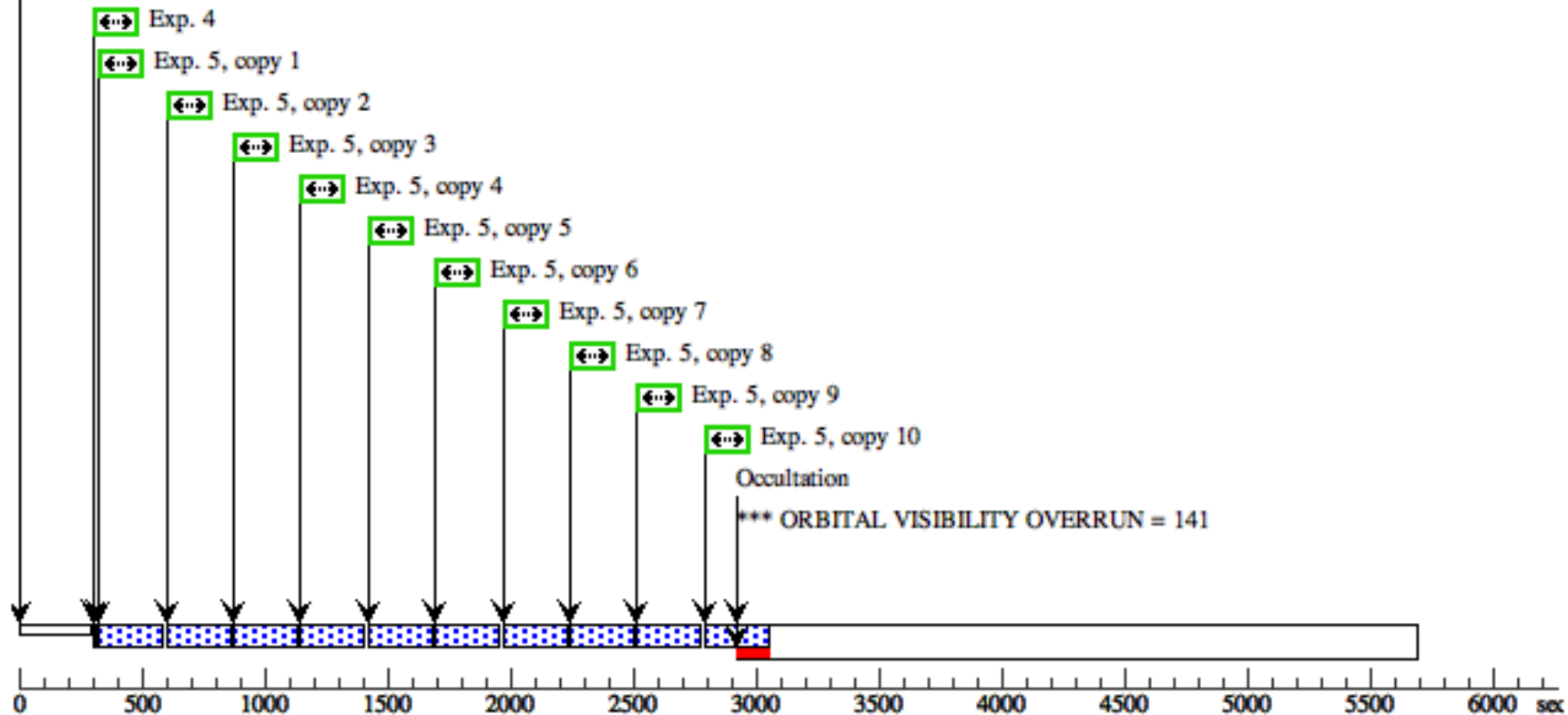
	12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	Sequence 10-12 Non -Int in WASP-101 G 430L x2 (62)	[==>]	[5]
							Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle	



Orbit 2

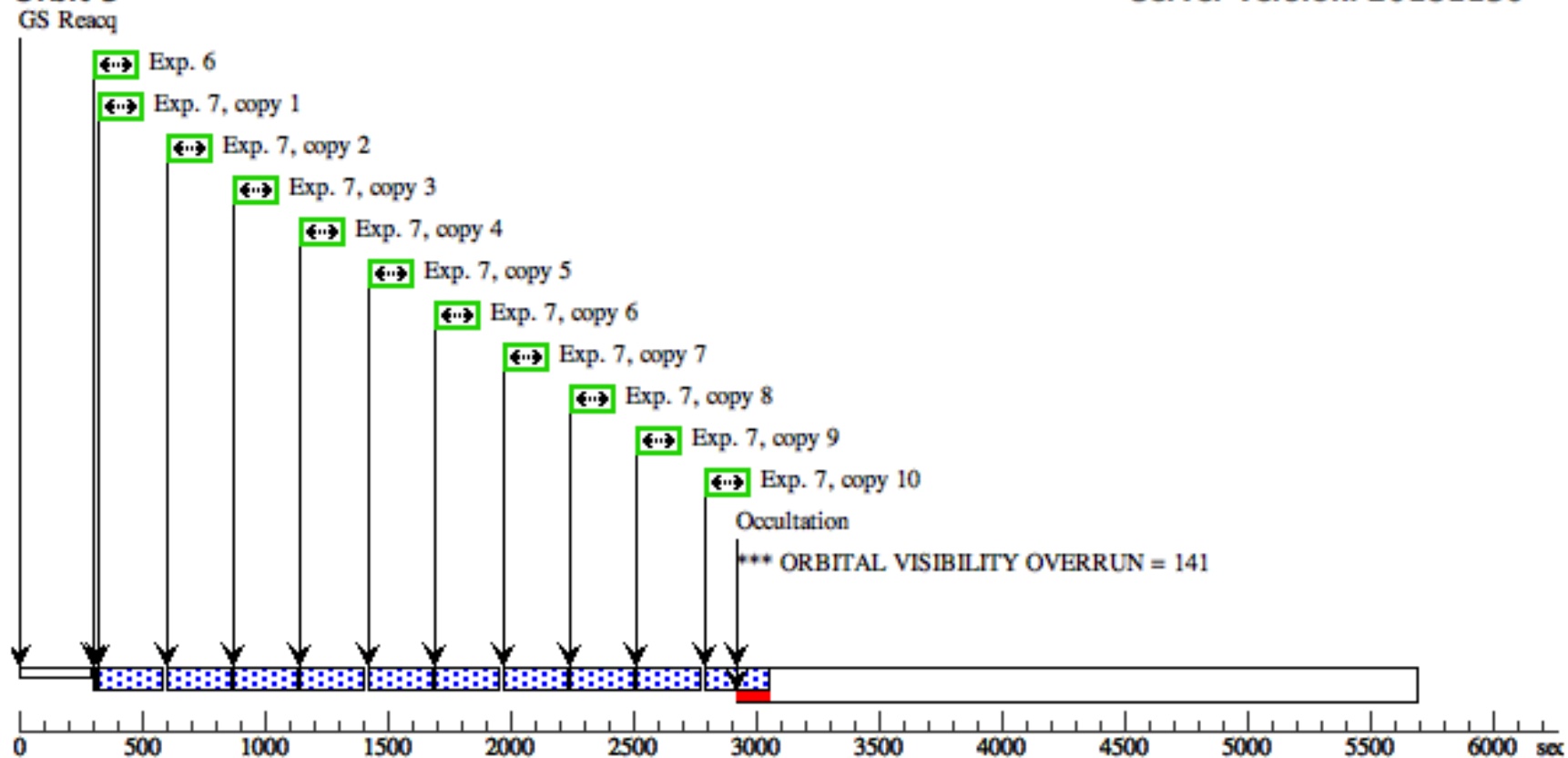
Server Version: 20181130

GS Reacq



Orbit 3

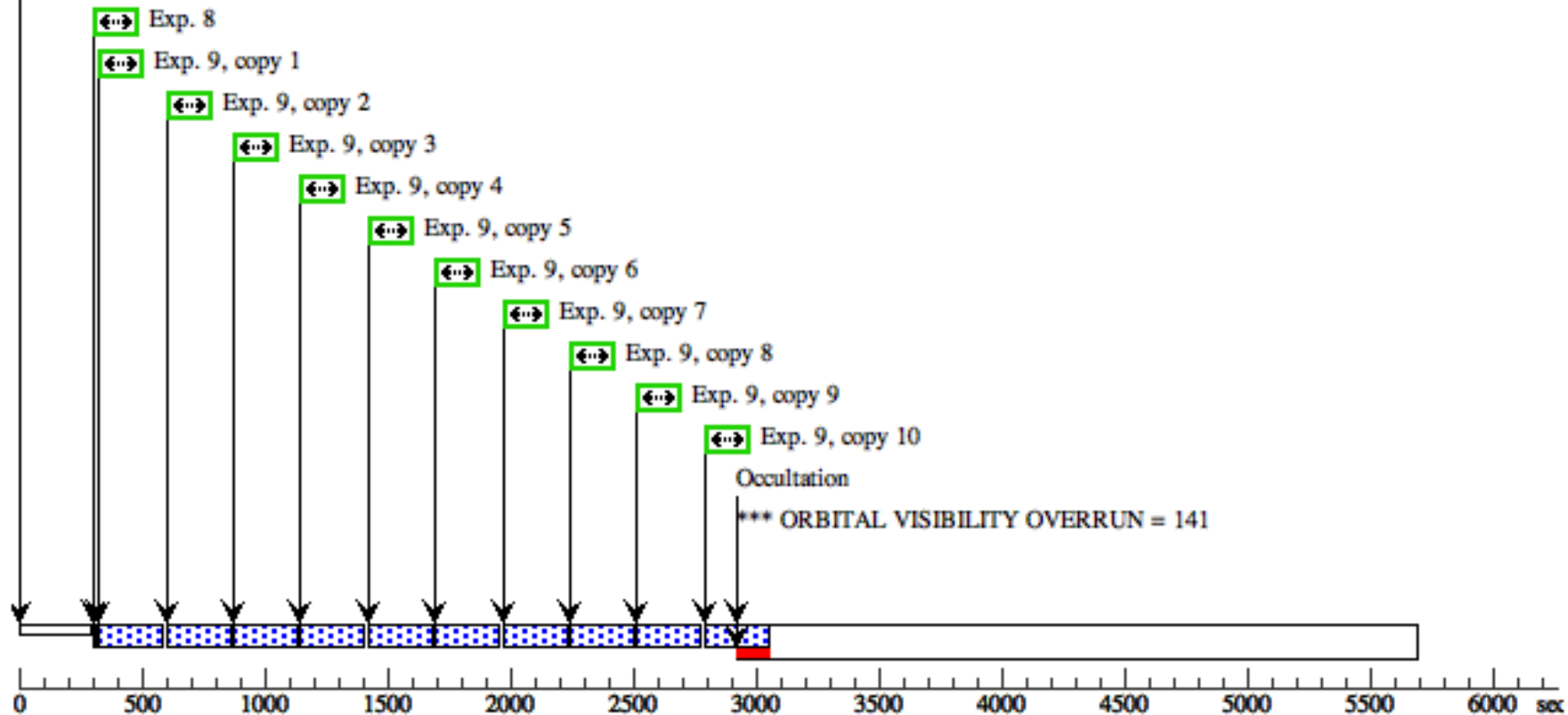
Server Version: 20181130

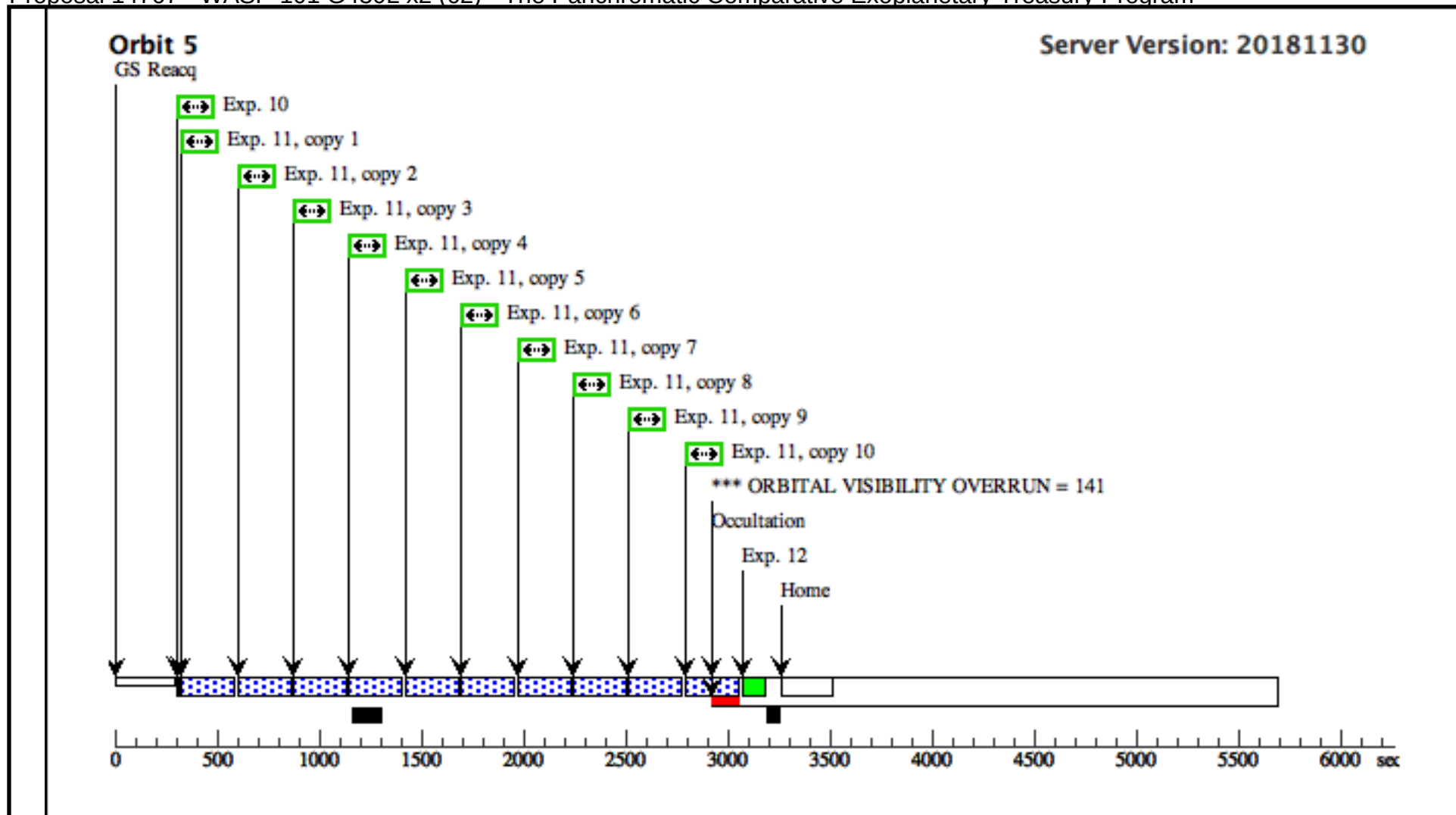


Orbit 4

GS Reacq

Server Version: 20181130





Proposal 14767 - WASP-101 G750L (63) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-101 G750L (63), completed	Wed Jun 05 15:15:03 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 3.585722 D AND ZERO-PHASE HJD2456164.6934	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

[illegible]

Proposal 14767 - WASP-101 G750L (63) - The Panchromatic Comparative Exoplanetary Treasury Program

	(WASP-101 G750L (63)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-101 G750L (63)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-101 G750L (63)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-101 G750L (63)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-101 G750L (63)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
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	(WASP-101 G750L (63)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-101 G750L (63)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-101 G750L (63)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-101 G750L (63)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-101 G750L (63)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-101 G750L (63)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-101 G750L (63)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(13)	WASP-101	RA: 06 33 24.2668 (98.3511117d)	Proper Motion RA: -4.7 mas/yr	V=10.34
			Dec: -23 29 10.27 (-23.48619d)	Proper Motion Dec: 26.9 mas/yr	
			Equinox: J2000	Epoch of Position: 2000	
		Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.			
		Category=STAR			
		Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]			
		Extended=NO			

Proposal 14767 - WASP-101 G750L (63) - The Panchromatic Comparative Exoplanetary Treasury Program

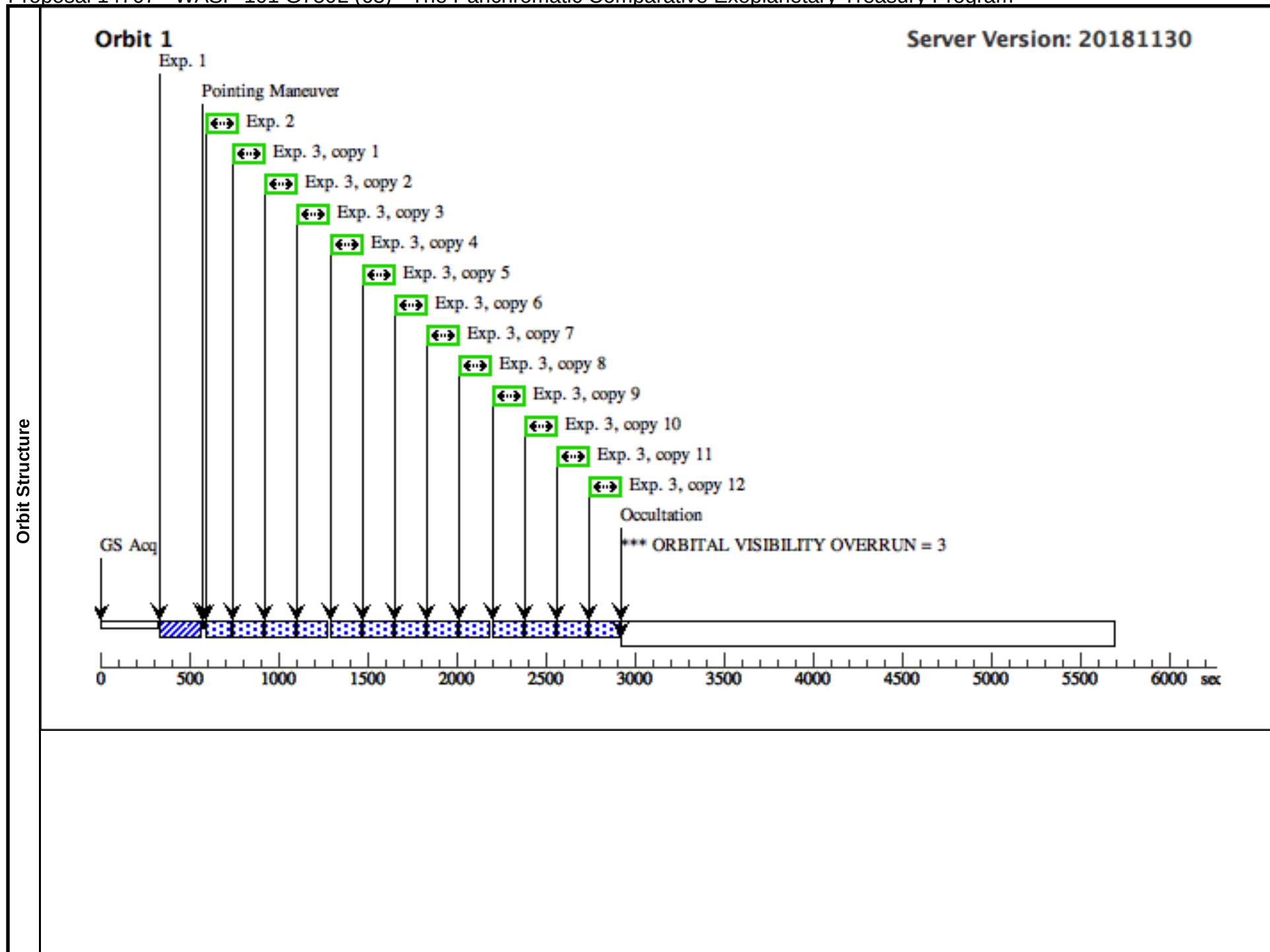
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5288)	(13) WASP-101	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.947 TO 0.951	Sequence 1-3 Non-Int in WASP-101 G750L (63)	0.2 Secs (0.2 Secs) [==>]	[1]
	2	WASP-101 G750L Orbit 1	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-101 G750L (63)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-101 G750L Orbit 1 (STIS.sp.82 2395)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-101 G750L (63)	161 Secs X 12 (1932 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	4	WASP-101 G750L Orbit 2	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-101 G750L (63)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-101 G750L Orbit 2 (STIS.sp.82 2395)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-101 G750L (63)	161 Secs X 15 (2415 Secs) [==>(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)]	[2]

Proposal 14767 - WASP-101 G750L (63) - The Panchromatic Comparative Exoplanetary Treasury Program

6	WASP-101 G750L Orbit 3	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-101 G750L (63)	1 Secs (1 Secs)	
							[==>]	[3]
							<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>	
7	WASP-101 G750L Orbit 3 (STIS.sp.82 2395)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-101 G750L (63)	161 Secs X 15 (2415 Secs)	
							[==>(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)]	[3]
8	WASP-101 G750L Orbit 4	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-101 G750L (63)	1 Secs (1 Secs)	
							[==>]	[4]
							<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>	
9	WASP-101 G750L Orbit 4 (STIS.sp.82 2395)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-101 G750L (63)	161 Secs X 15 (2415 Secs)	
							[==>(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)]	[4]

Proposal 14767 - WASP-101 G750L (63) - The Panchromatic Comparative Exoplanetary Treasury Program

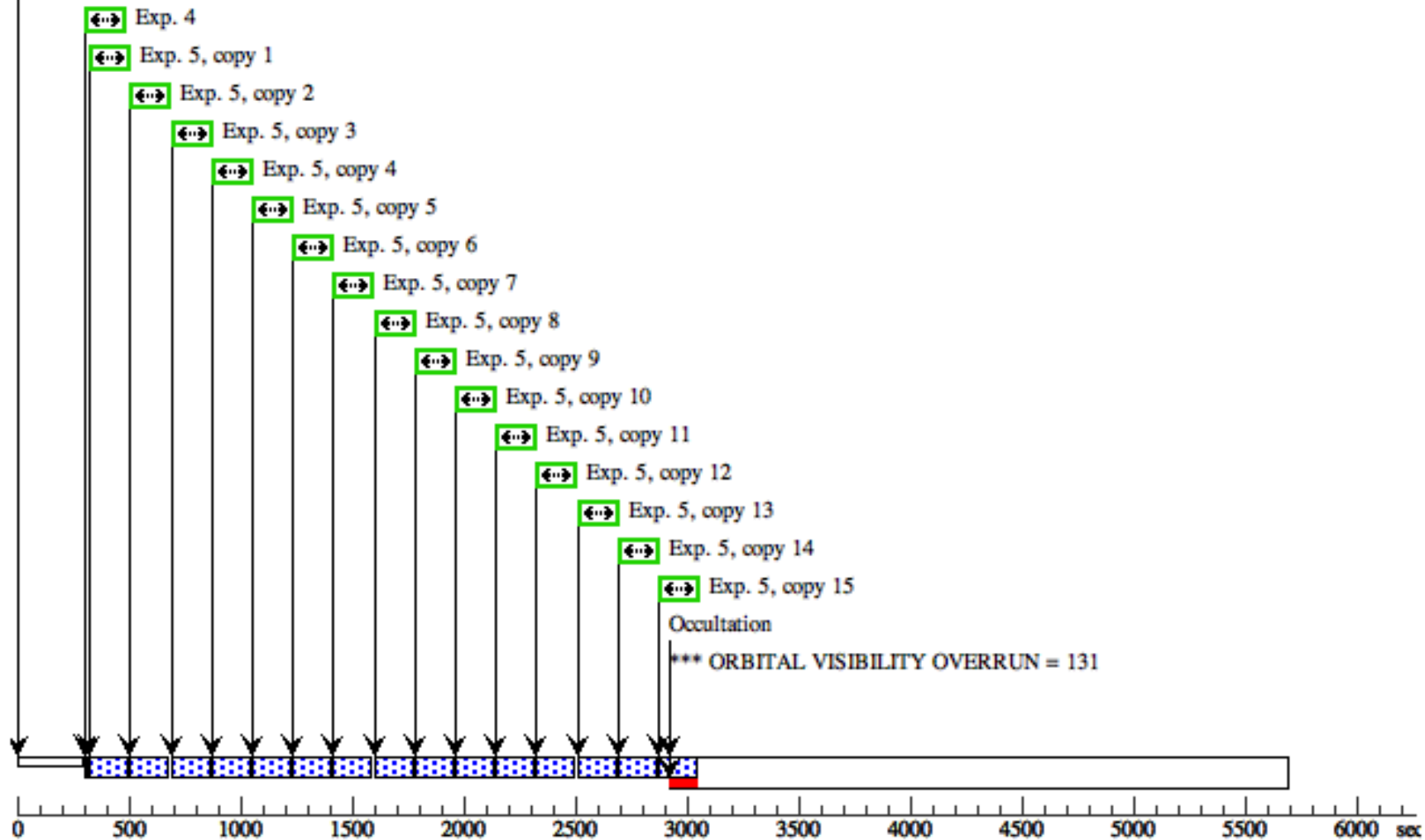
10	WASP-101 G750L Orbit 5	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non -Int in WASP-101 G 750L (63)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	WASP-101 G750L Orbit 5 (STIS.sp.82 2395)	(13) WASP-101	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non -Int in WASP-101 G 750L (63)	161 Secs X 15 (2415 Secs) [==>(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)]	[5]
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		Sequence 10-14 Non -Int in WASP-101 G 750L (63)	[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>								
13	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		Sequence 10-14 Non -Int in WASP-101 G 750L (63)	[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	Sequence 10-14 Non -Int in WASP-101 G 750L (63)	240 Secs X 4 (960 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[5]
<i>Comments: Expected peak count level = 50,000 e-</i>								



Orbit 2

GS Reacq

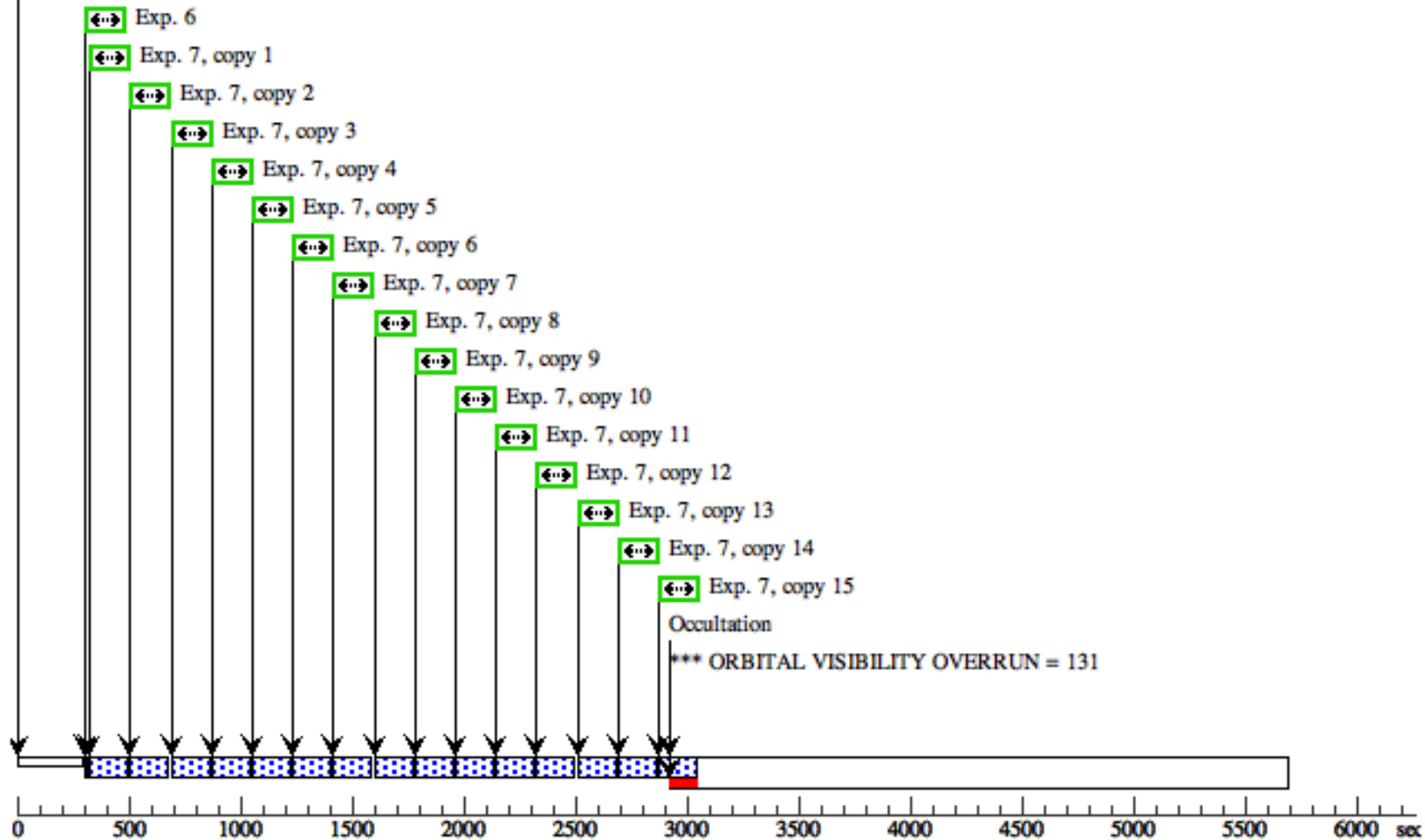
Server Version: 20181130



Orbit 3

Server Version: 20181130

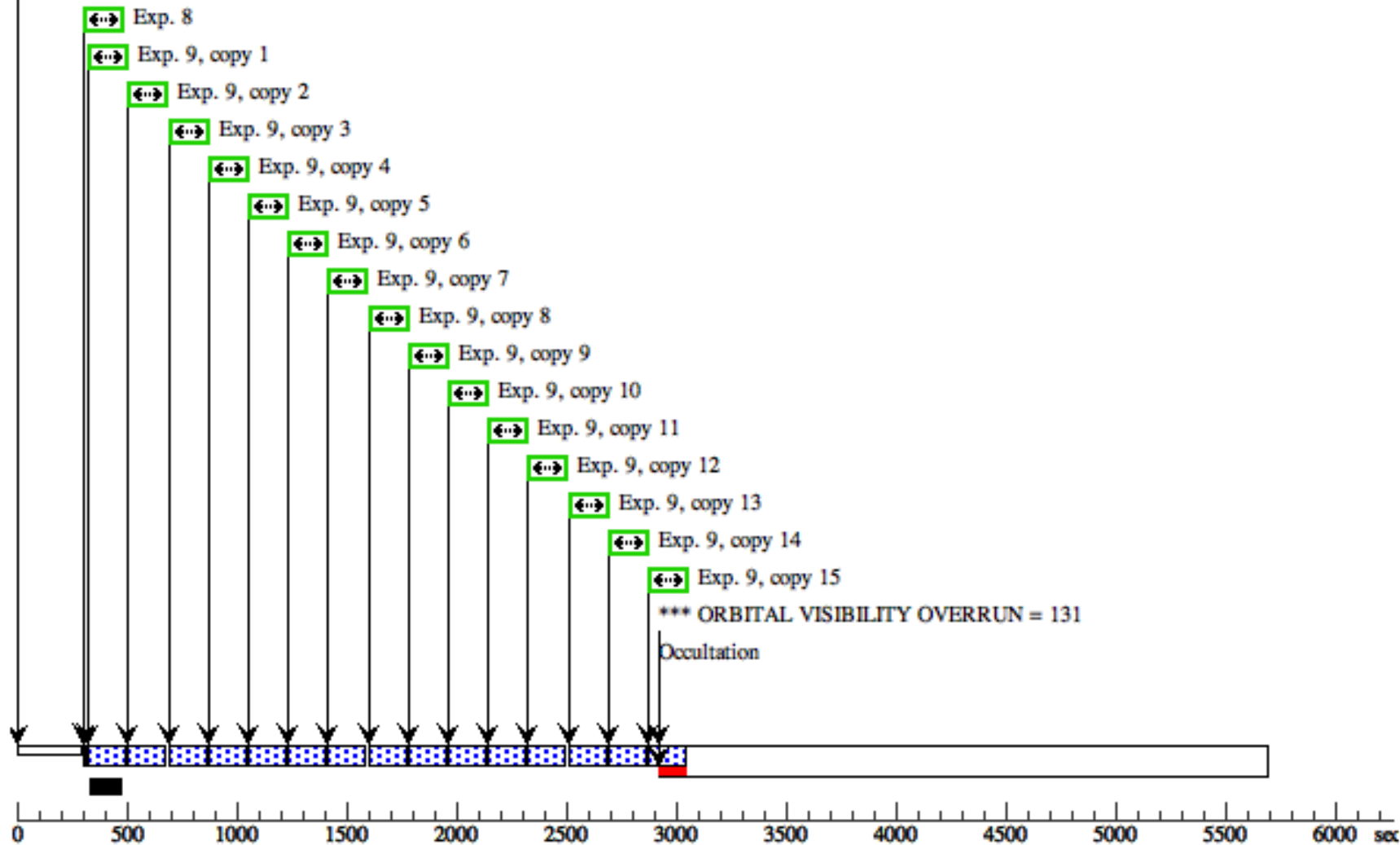
GS Reacq

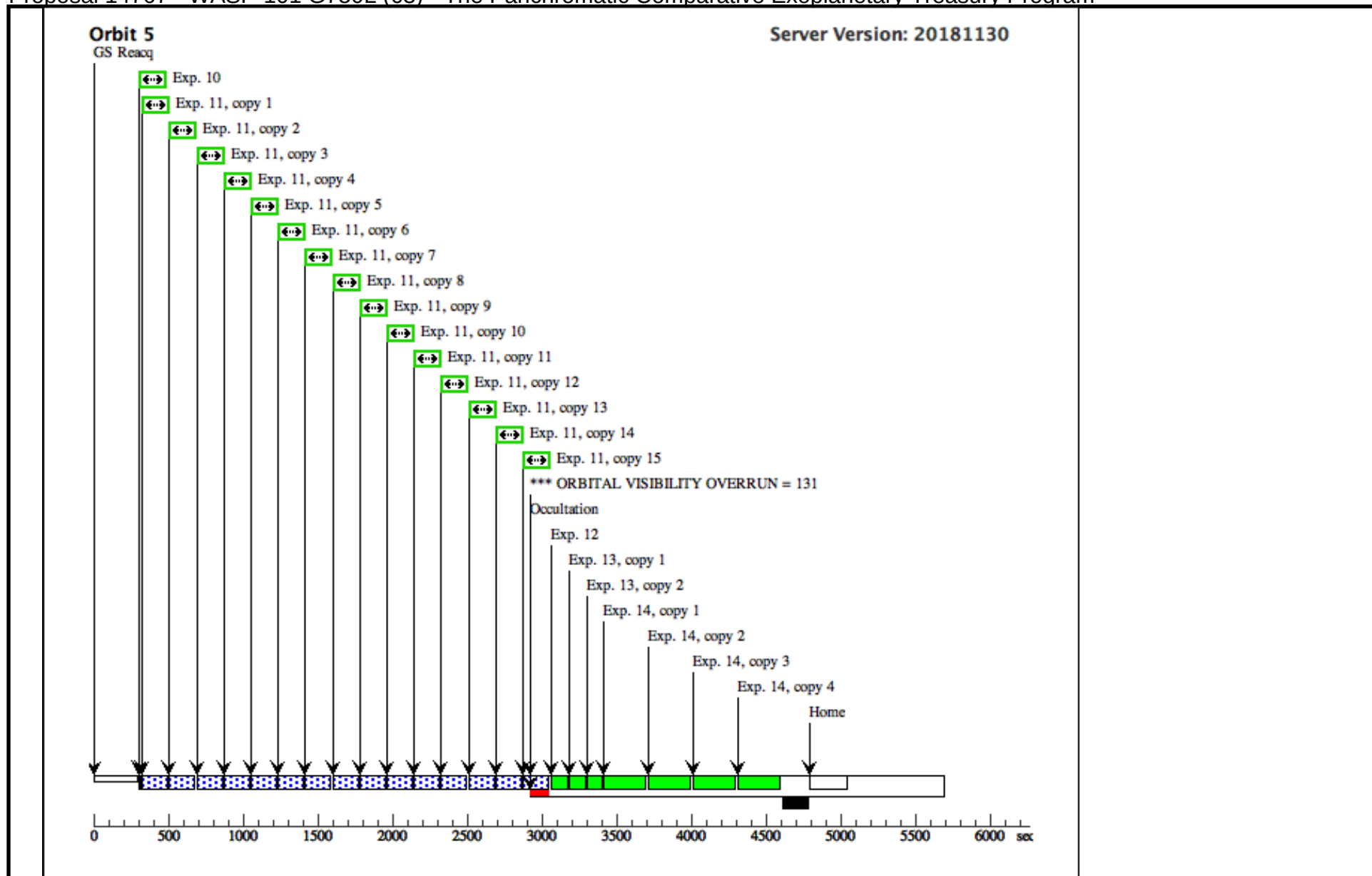


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-101 WFC3 Transit (64) - The Panchromatic Comparative Exoplanetary Treasury Program

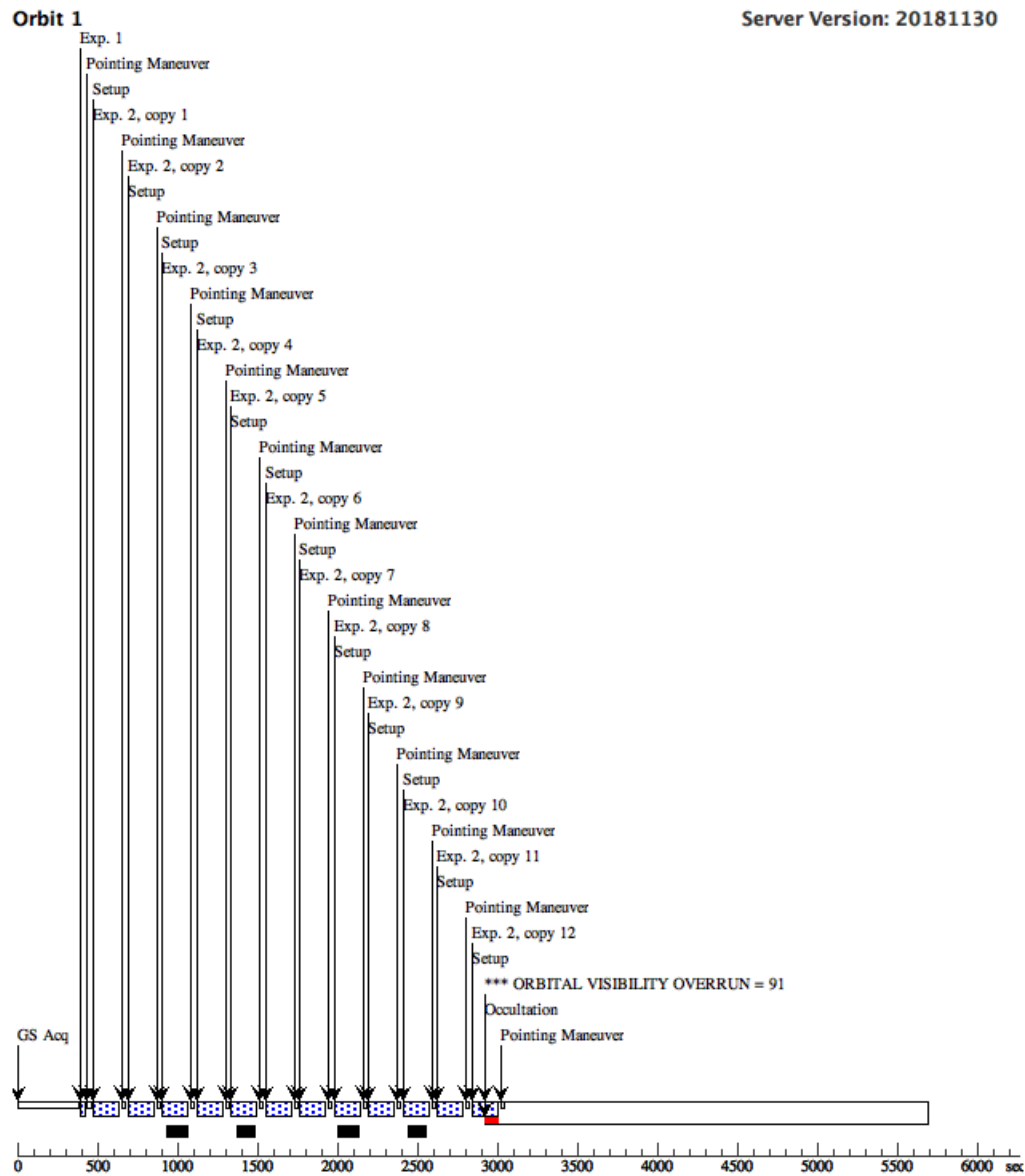
Visit	Proposal 14767, WASP-101 WFC3 Transit (64), completed Wed Jun 05 15:15:03 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; ORIENT 310D TO 100 D; ORIENT 130D TO 280 D; Period 3.585722 D AND ZERO-PHASE HJD2456164.6934 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>				
Diagnostics	(WASP-101 WFC3 Transit (64)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-101 WFC3 Transit (64)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-101 WFC3 Transit (64)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-101 WFC3 Transit (64)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-101 WFC3 Transit (64)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(13)	WASP-101	RA: 06 33 24.2668 (98.3511117d) Dec: -23 29 10.27 (-23.48619d) Equinox: J2000	Proper Motion RA: -4.7 mas/yr Proper Motion Dec: 26.9 mas/yr Epoch of Position: 2000	V=10.34
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9] Extended=NO				

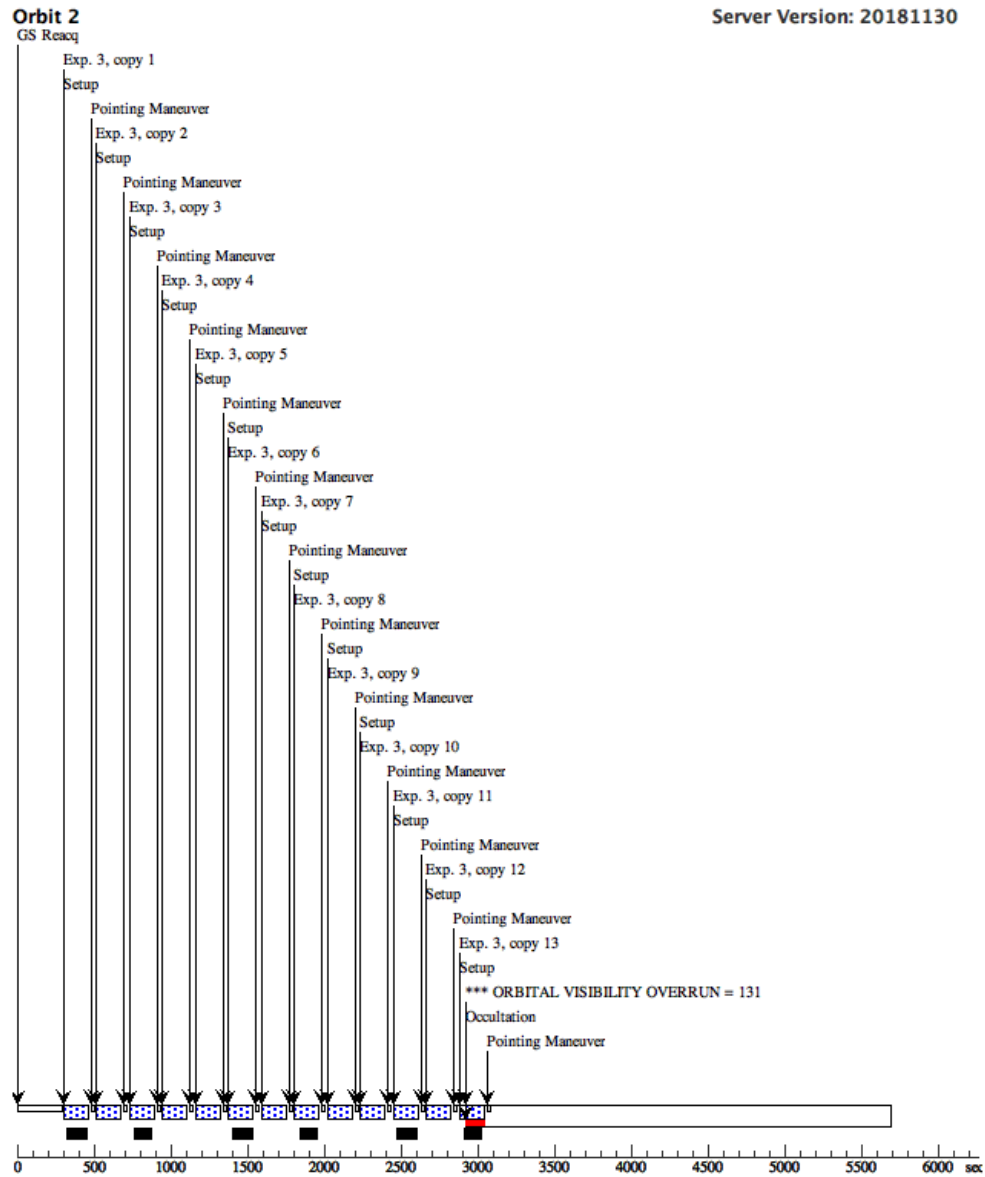
Proposal 14767 - WASP-101 WFC3 Transit (64) - The Panchromatic Comparative Exoplanetary Treasury Program

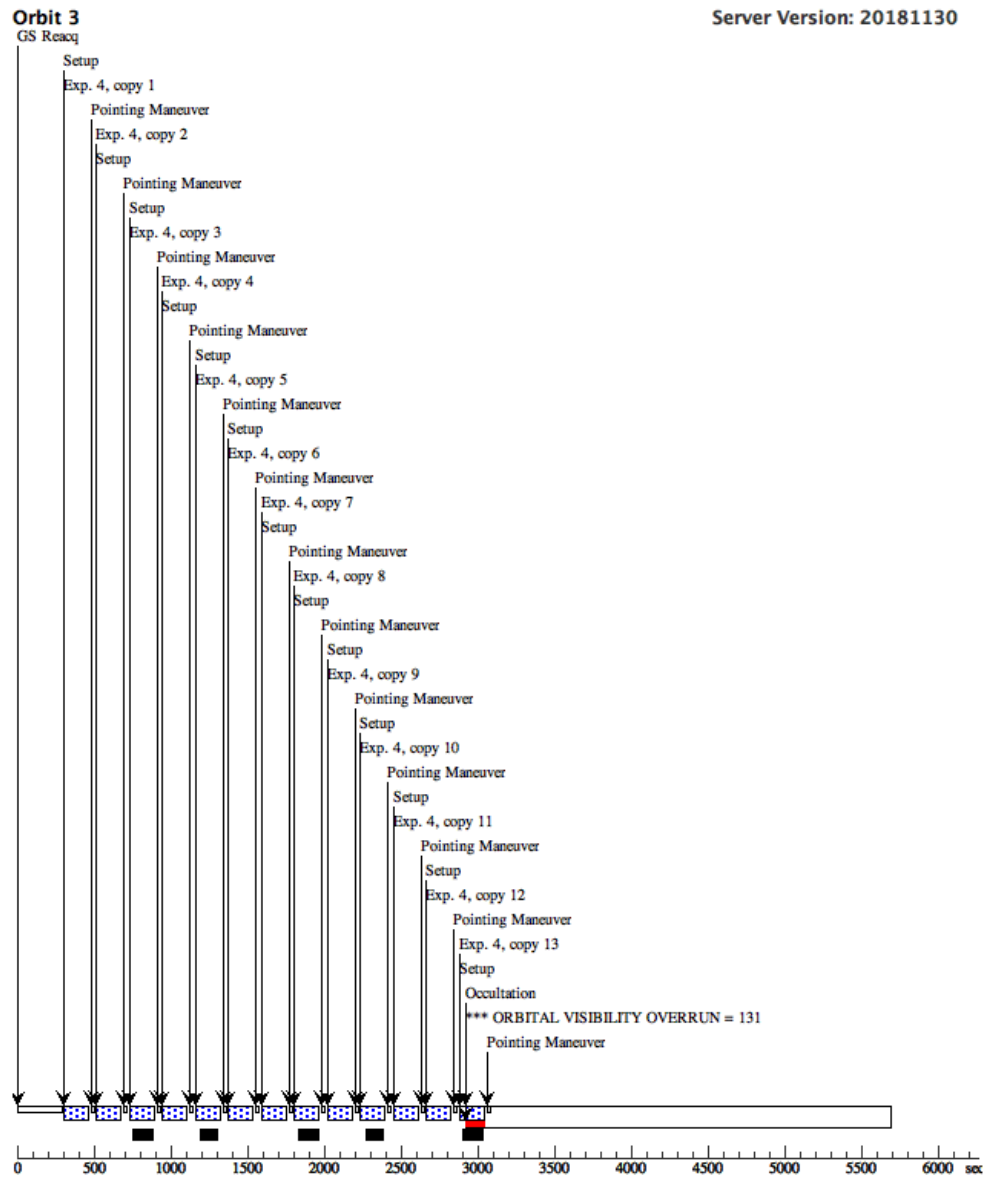
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(13) WASP-101	WFC3/IR, MULTIACCUM, IRSUB512	F139M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9450 TO 0.9533	Sequence 1-2 Non-Int in WASP-101 WFC3 Transit (64)	4.265135 Secs (4.265 Secs) [==>]	[1]
	2		(13) WASP-101	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24,-14; SPATIAL SCAN 0.15,90.0 Degrees,Forward	Sequence 1-2 Non-Int in WASP-101 WFC3 Transit (64)	138.380533 Secs X 12 (1660.566 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	3		(13) WASP-101	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-14; SPATIAL SCAN 0.15,90.0 Degrees,Forward	Sequence 3-3 Non-Int in WASP-101 WFC3 Transit (64)	138.380533 Secs X 13 (1798.947 Secs) [==>(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)]	[2]

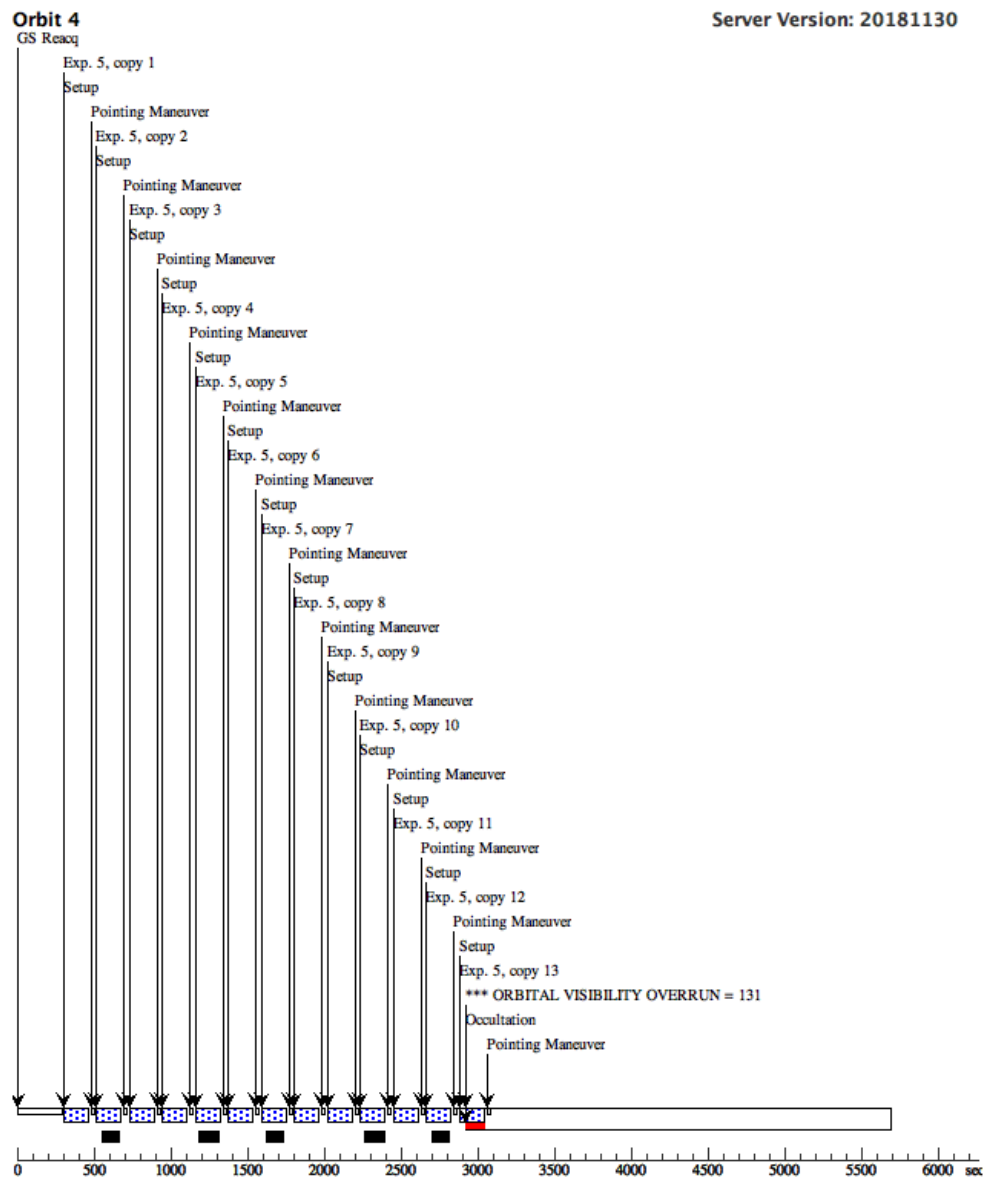
Proposal 14767 - WASP-101 WFC3 Transit (64) - The Panchromatic Comparative Exoplanetary Treasury Program

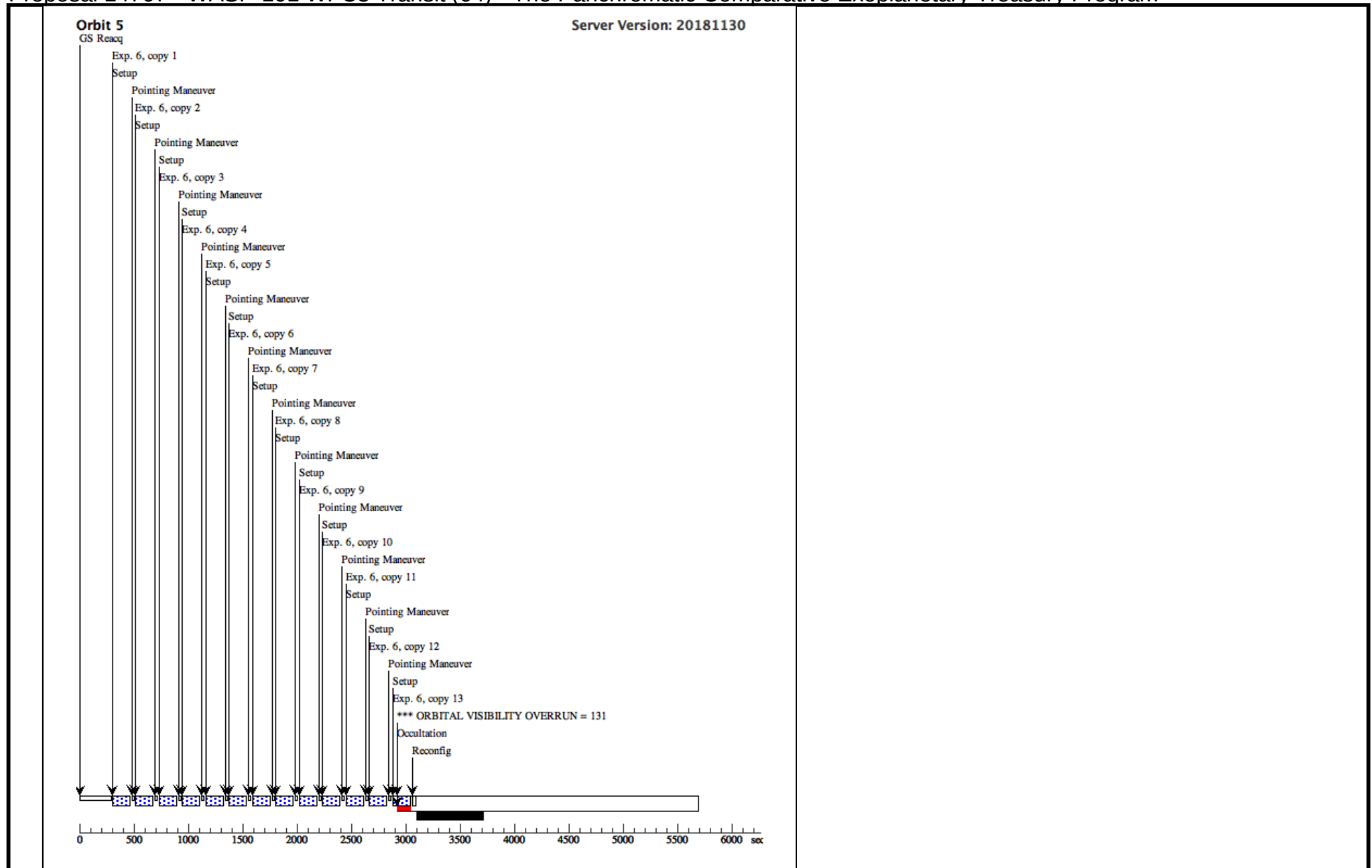
4	(13) WASP-101	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-1 4; SPATIAL SCAN 0.1 5,90.0 Degrees,Forward	Sequence 4-4 Non-Int in WASP-101 WFC3 Transit (64)	138.380533 Secs X 13 (1798.947 Secs)	[3]
5	(13) WASP-101	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-1 4; SPATIAL SCAN 0.1 5,90.0 Degrees,Forward	Sequence 5-5 Non-Int in WASP-101 WFC3 Transit (64)	138.380533 Secs X 13 (1798.947 Secs)	[4]
6	(13) WASP-101	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-1 4; SPATIAL SCAN 0.1 5,90.0 Degrees,Forward	Sequence 6-6 Non-Int in WASP-101 WFC3 Transit (64)	138.380533 Secs X 13 (1798.947 Secs)	[5]





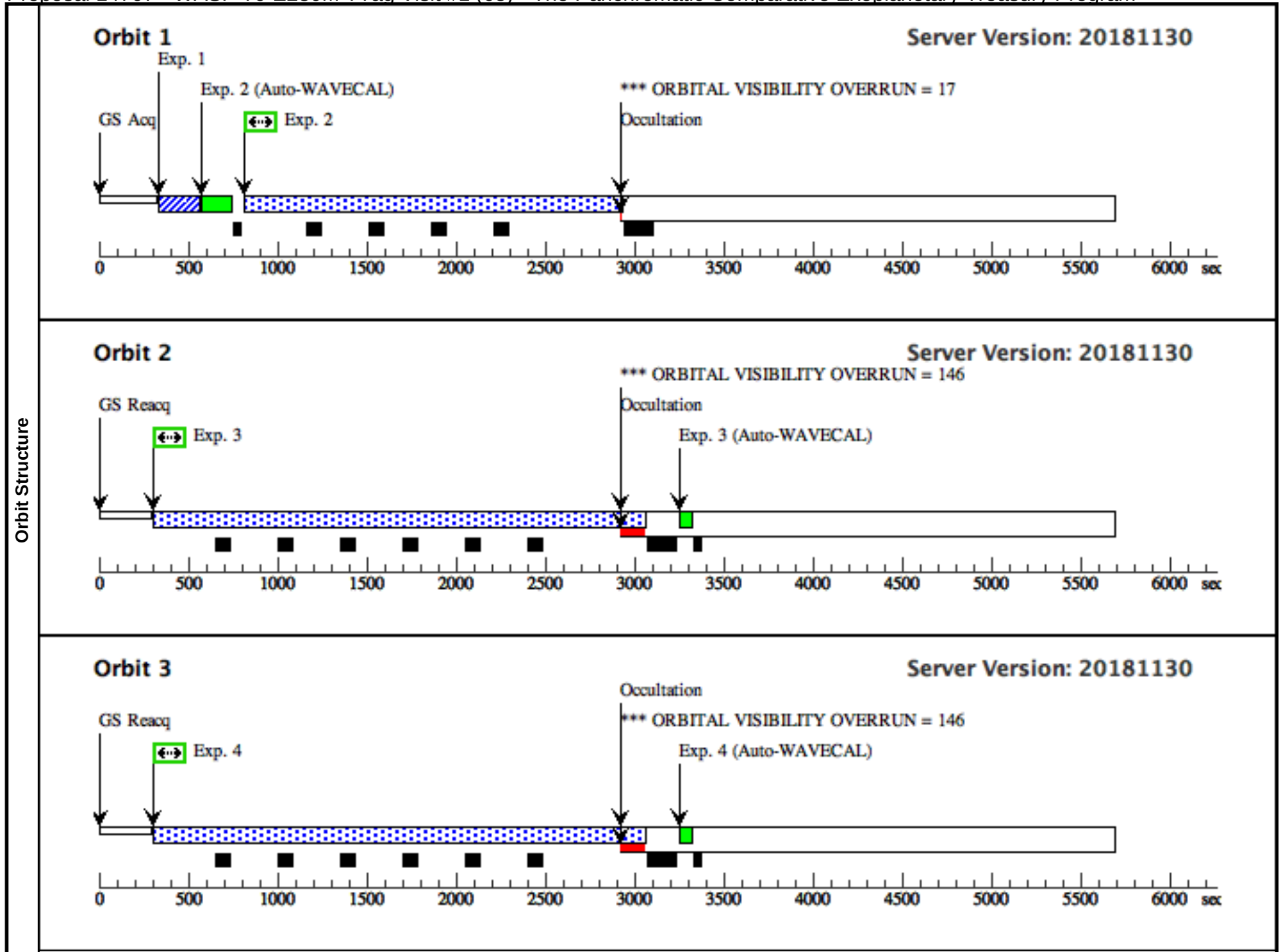






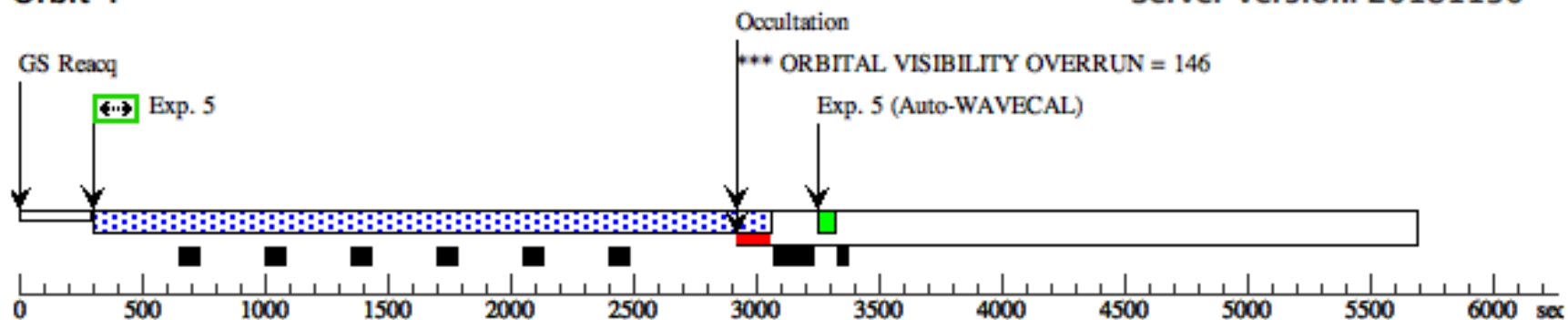
Proposal 14767 - WASP-79 E230M TTag Visit #1 (65) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-79 E230M TTag Visit #1 (65), completed										Wed Jun 05 15:15:04 GMT 2019
	Diagnostic Status: Warning										
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD										
	Special Requirements: SCHED 100%; Period 3.6623817 D AND ZERO-PHASE HJD2455545.23479										
Comments: It is essential that the five orbits be scheduled in a coninuous block.											
Diagnostics	(WASP-79 E230M TTag Visit #1 (65)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-79 E230M TTag Visit #1 (65)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-79 E230M TTag Visit #1 (65)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-79 E230M TTag Visit #1 (65)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-79 E230M TTag Visit #1 (65)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-79 E230M TTag Visit #1 (65)) Warning (Orbit Planner): STIS TIME-TAG EXPOSURE GENERATES HEAVY DATA VOLUME										
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous										
	(14)	WASP-79	RA: 04 25 29.0210 (66.3709208d)	Proper Motion RA: -0.6 mas/yr		V=10.04	Reference Frame: ICRS				
			Dec: -30 36 1.55 (-30.60043d)	Proper Motion Dec: 3.1 mas/yr							
			Equinox: J2000	Epoch of Position: 2000							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Category=STAR											
Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]											
Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ, phase constrained (STIS.im.82 5291)	(14) WASP-79	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.948 TO 0.952	Sequence 1-2 Non-Int in WASP-79 E230M TTag Visit #1 (65)	.2 Secs (0.2 Secs)	[==>]	[1]
	2	WASP-79 E 230M Orbit 1 (STIS.sp.82 6185)	(14) WASP-79	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=35 0		Sequence 1-2 Non-Int in WASP-79 E230M TTag Visit #1 (65)	2100 Secs (2100 Secs)	[==>]	[1]
	3	WASP-79 E 230M Orbit 2 (STIS.sp.82 6185)	(14) WASP-79	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=35 0			2700 Secs (2741 Secs)	[==>2741.0 Secs]	[2]
	4	WASP-79 E 230M Orbit 3 (STIS.sp.82 6185)	(14) WASP-79	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=35 0			2700 Secs (2741 Secs)	[==>2741.0 Secs]	[3]
	5	WASP-79 E 230M Orbit 4 (STIS.sp.82 6185)	(14) WASP-79	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=35 0			2700 Secs (2741 Secs)	[==>2741.0 Secs]	[4]
	6	WASP-79 E 230M Orbit 5 (STIS.sp.82 6185)	(14) WASP-79	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=35 0			2700 Secs (2741 Secs)	[==>2741.0 Secs]	[5]



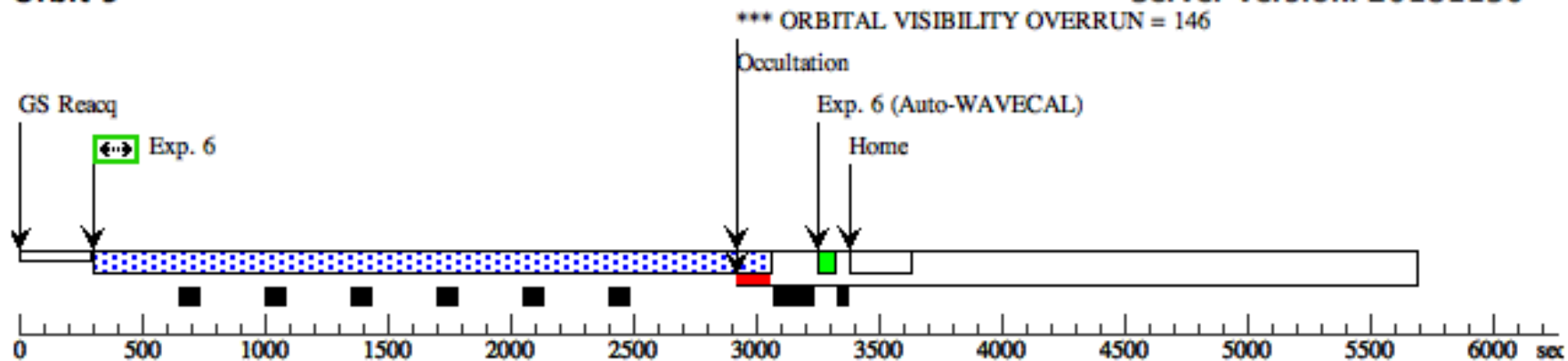
Orbit 4

Server Version: 20181130



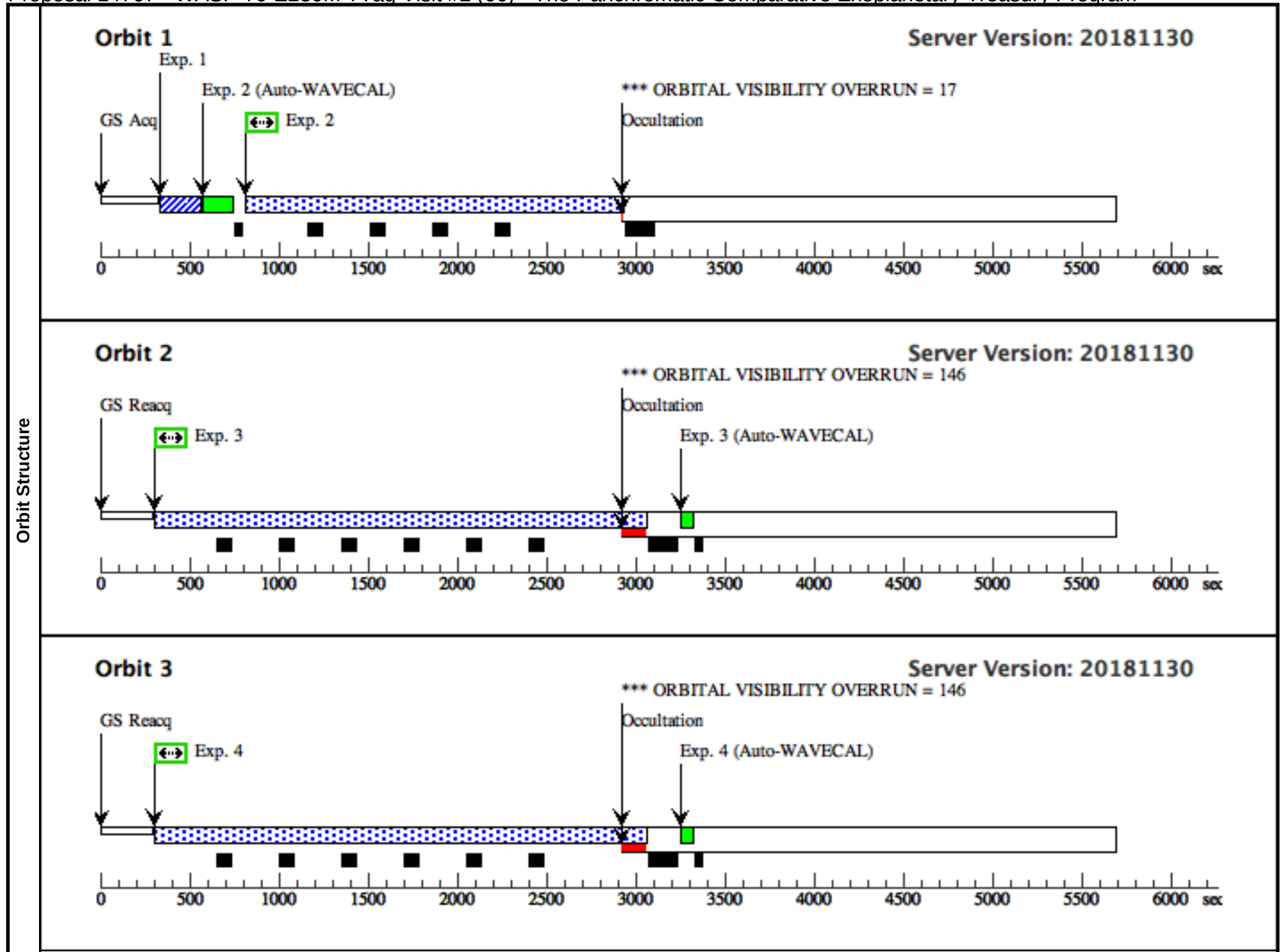
Orbit 5

Server Version: 20181130



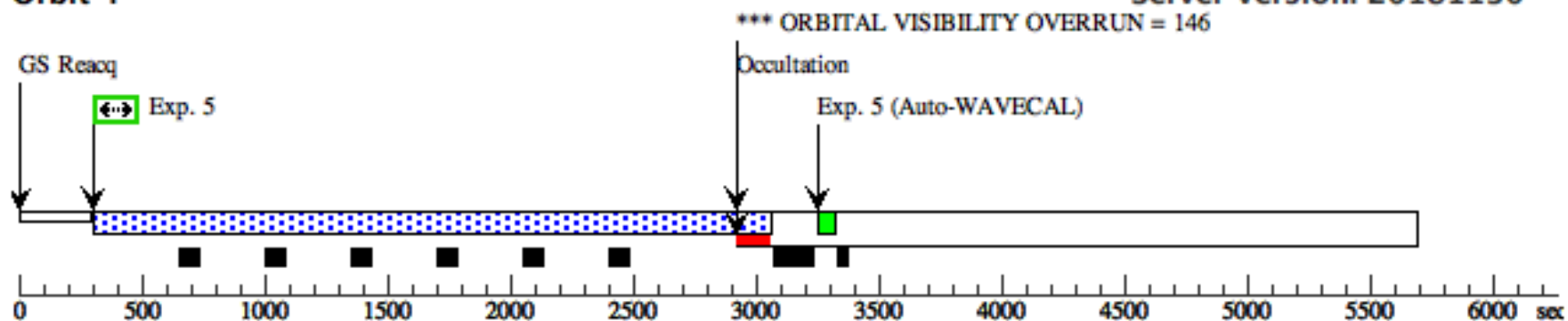
Proposal 14767 - WASP-79 E230M TTag Visit #2 (66) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-79 E230M TTag Visit #2 (66), completed										Wed Jun 05 15:15:04 GMT 2019
	Diagnostic Status: Warning										
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD										
	Special Requirements: SCHED 100%; Period 3.6623817 D AND ZERO-PHASE HJD2455545.23479										
Comments: It is essential that the five orbits be scheduled in a coninuous block.											
Diagnostics	(WASP-79 E230M TTag Visit #2 (66)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-79 E230M TTag Visit #2 (66)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-79 E230M TTag Visit #2 (66)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-79 E230M TTag Visit #2 (66)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-79 E230M TTag Visit #2 (66)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(WASP-79 E230M TTag Visit #2 (66)) Warning (Orbit Planner): STIS TIME-TAG EXPOSURE GENERATES HEAVY DATA VOLUME										
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous										
	(14)	WASP-79	RA: 04 25 29.0210 (66.3709208d)	Proper Motion RA: -0.6 mas/yr	V=10.04	Reference Frame: ICRS					
			Dec: -30 36 1.55 (-30.60043d)	Proper Motion Dec: 3.1 mas/yr							
			Equinox: J2000	Epoch of Position: 2000							
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Category=STAR											
Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]											
Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ, phase constrained (STIS.im.82 5291)	(14) WASP-79	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.948 TO 0.952	Sequence 1-2 Non-Int in WASP-79 E230M TTag Visit #2 (66)	.2 Secs (0.2 Secs)	[==>]	[1]
	2	WASP-79 E 230M Orbit 1 (STIS.sp.82 6185)	(14) WASP-79	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=35 0		Sequence 1-2 Non-Int in WASP-79 E230M TTag Visit #2 (66)	2100 Secs (2100 Secs)	[==>]	[1]
	3	WASP-79 E 230M Orbit 2 (STIS.sp.82 6185)	(14) WASP-79	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=35 0			2700 Secs (2741 Secs)	[==>2741.0 Secs]	[2]
	4	WASP-79 E 230M Orbit 3 (STIS.sp.82 6185)	(14) WASP-79	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=35 0			2700 Secs (2741 Secs)	[==>2741.0 Secs]	[3]
	5	WASP-79 E 230M Orbit 4 (STIS.sp.82 6185)	(14) WASP-79	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=35 0			2700 Secs (2741 Secs)	[==>2741.0 Secs]	[4]
	6	WASP-79 E 230M Orbit 5 (STIS.sp.82 6185)	(14) WASP-79	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=35 0			2700 Secs (2741 Secs)	[==>2741.0 Secs]	[5]



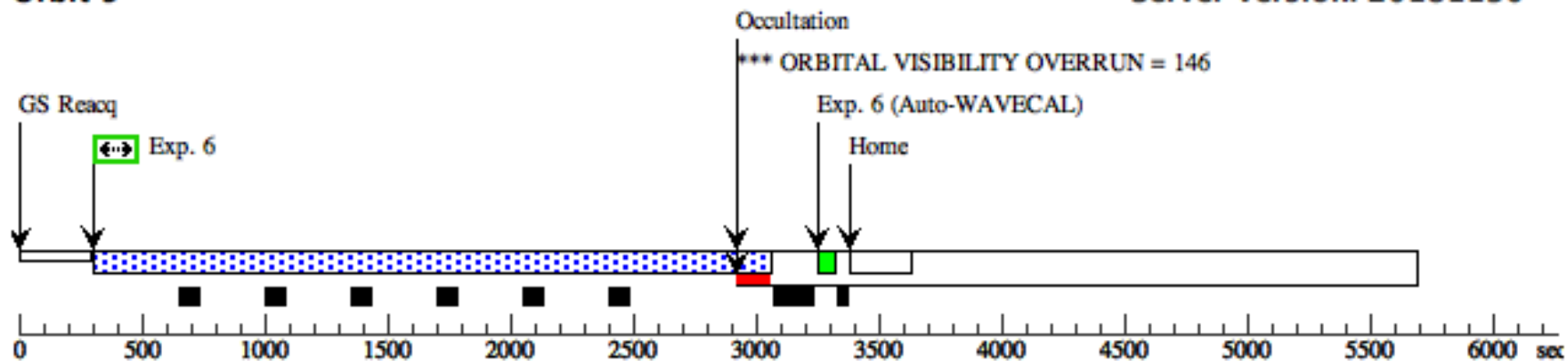
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - WASP-79 G430L (67) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-79 G430L (67), completed	Wed Jun 05 15:15:04 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 3.6623817 D AND ZERO-PHASE HJD2455545.23479	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - WASP-79 G430L (67) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-79 G430L (67) - The Panchromatic Comparative Exoplanetary Treasury Program

	(WASP-79 G430L (67)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-79 G430L (67)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-79 G430L (67)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-79 G430L (67)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-79 G430L (67)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-79 G430L (67)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-79 G430L (67)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-79 G430L (67)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-79 G430L (67)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	WASP-79	RA: 04 25 29.0210 (66.3709208d) Dec: -30 36 1.55 (-30.60043d) Equinox: J2000	Proper Motion RA: -0.6 mas/yr Proper Motion Dec: 3.1 mas/yr Epoch of Position: 2000	V=10.04	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]					
	Extended=NO					

Proposal 14767 - WASP-79 G430L (67) - The Panchromatic Comparative Exoplanetary Treasury Program

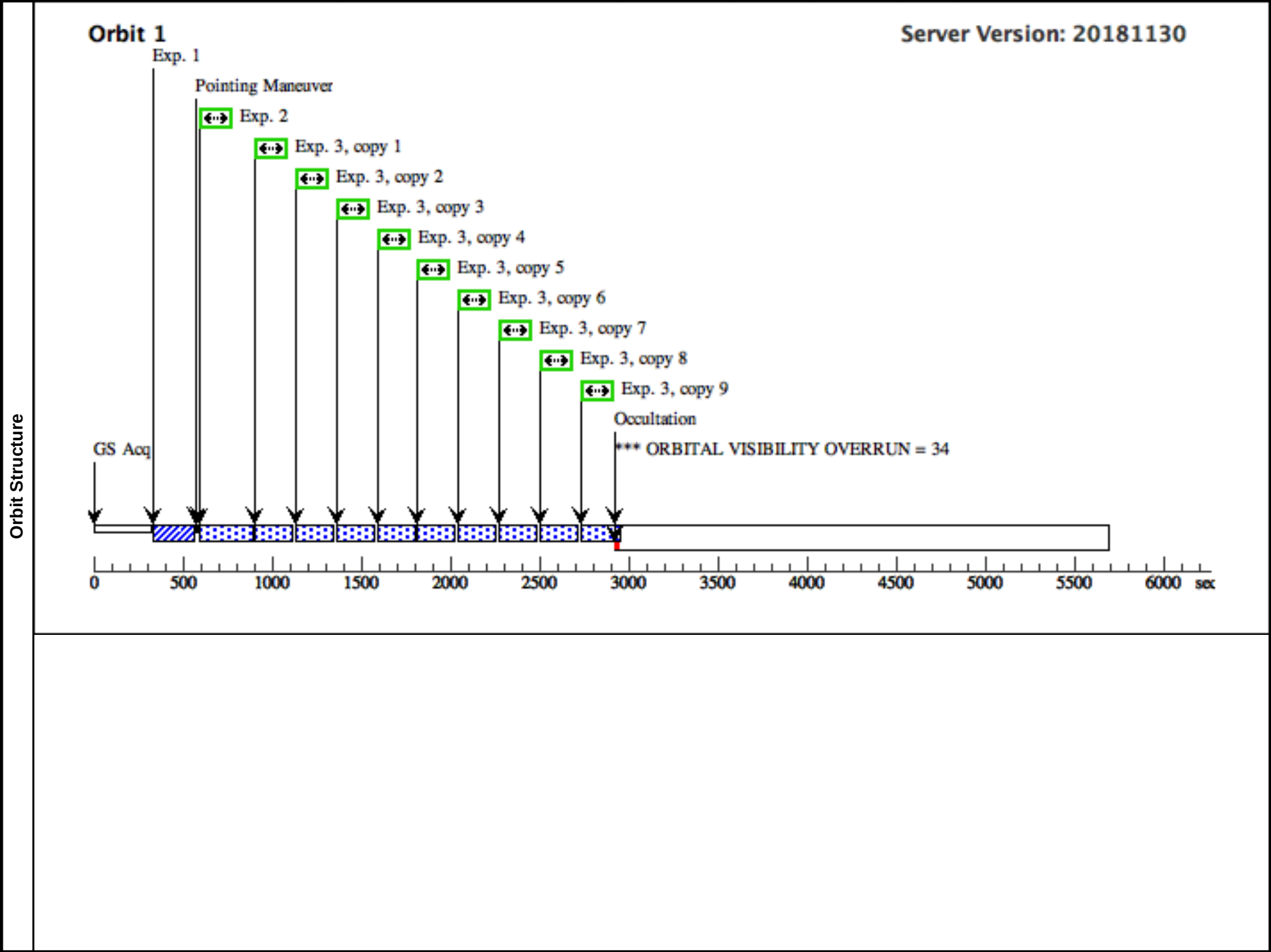
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5291)	(14) WASP-79	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.948 TO 0.952	Sequence 1-3 Non-Int in WASP-79 G430L (67)	.2 Secs (0.2 Secs) [==>]	[1]
	2	WASP-79 G 430L Orbit 1	(14) WASP-79	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-79 G430L (67)	182 Secs (182 Secs) [==>]	[1]
	Comments: Shorter exposure to minimize instrument systematic of first exposure in each orbit, longer than 1 second to push the 207 second exposures to the end of the observability window.									
	3	WASP-79 G 430L Orbit 1 (STIS.sp.82 2458)	(14) WASP-79	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-79 G430L (67)	207 Secs X 9 (1863 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[1]
	4	WASP-79 G 430L Orbit 2	(14) WASP-79	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-79 G430L (67)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-79 G 430L Orbit 2 (STIS.sp.82 2458)	(14) WASP-79	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-79 G430L (67)	207 Secs X 12 (2484 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[2]
	6	WASP-79 G 430L Orbit 3	(14) WASP-79	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in WASP-79 G430L (67)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-79 G430L (67) - The Panchromatic Comparative Exoplanetary Treasury Program

7	WASP-79 G (14) WASP-79 430L Orbit 3 (STIS.sp.82 2458)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-79 G430 L (67)	207 Secs X 12 (2484 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[3]
8	WASP-79 G (14) WASP-79 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-79 G430 L (67)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-79 G (14) WASP-79 430L Orbit 4 (STIS.sp.82 2458)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-79 G430 L (67)	207 Secs X 12 (2484 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[4]
10	WASP-79 G (14) WASP-79 430L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-79 G430L (67)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							

Proposal 14767 - WASP-79 G430L (67) - The Panchromatic Comparative Exoplanetary Treasury Program

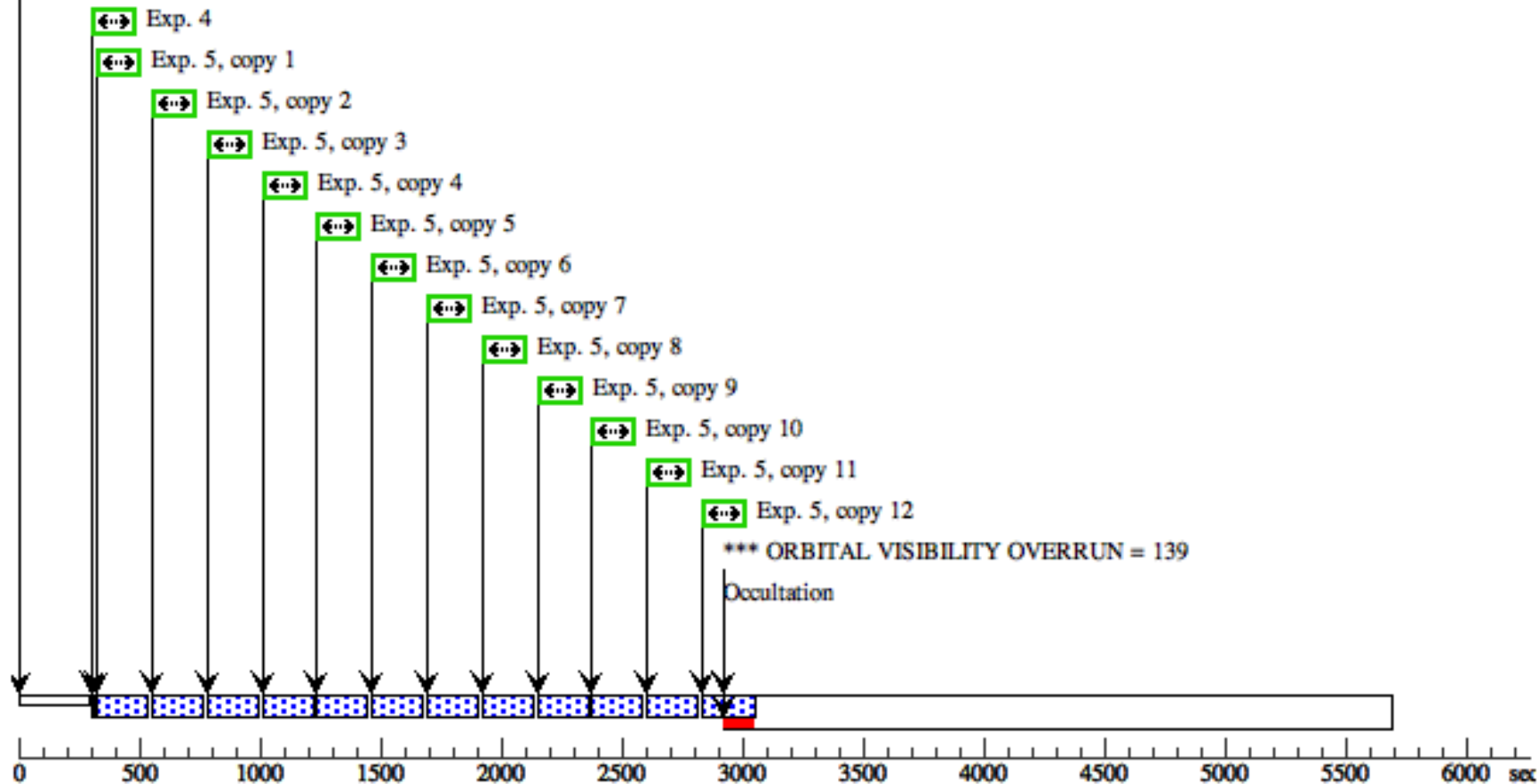
	11	WASP-79 G (14) WASP-79 430L Orbit 5 (STIS.sp.82 2458)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non -Int in WASP-79 G4 30L (67)	207 Secs X 12 (2484 Secs)	
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[5]
	12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		Sequence 10-12 Non -Int in WASP-79 G4 30L (67)	[==>]	[5]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle								



Orbit 2

GS Reacq

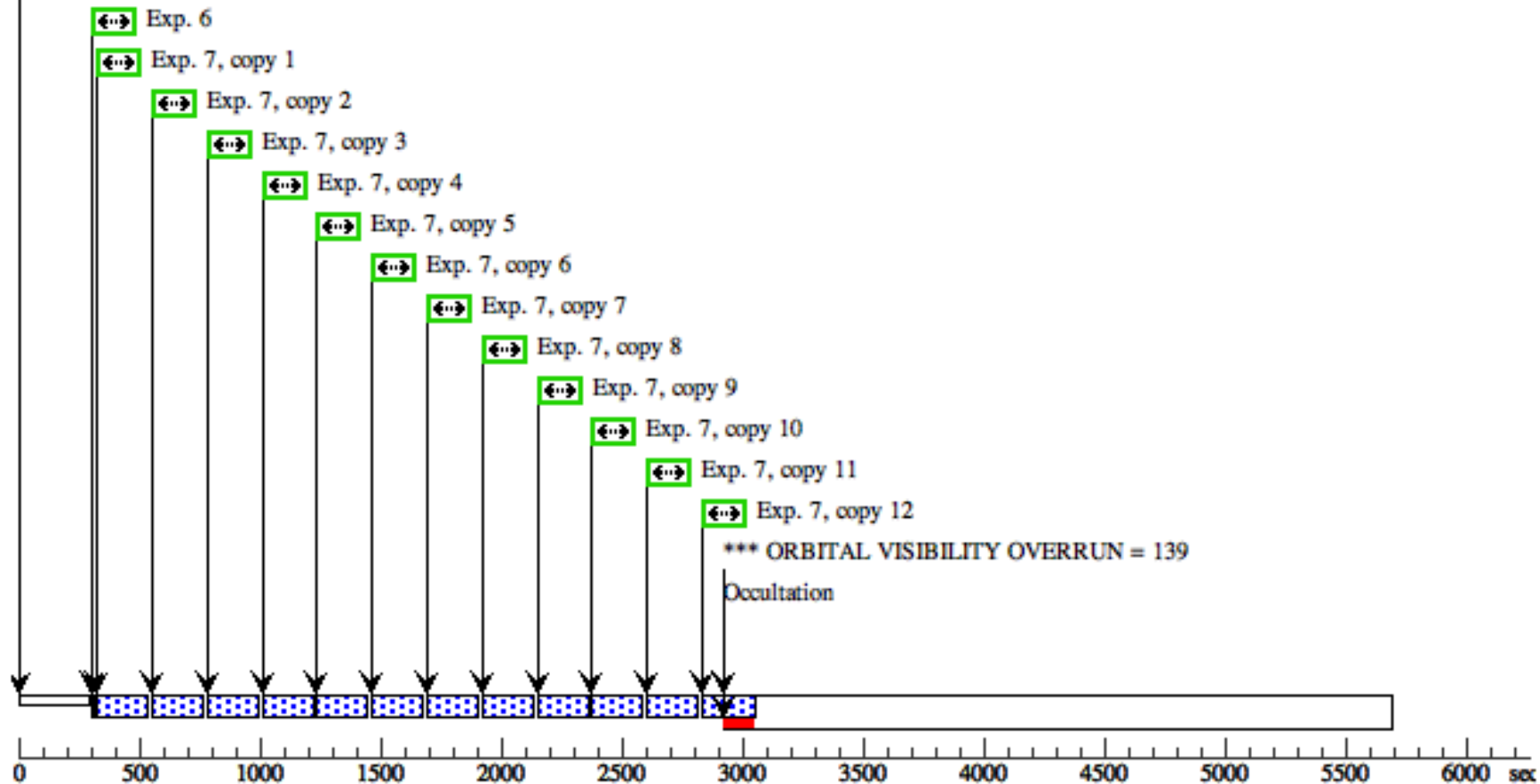
Server Version: 20181130



Orbit 3

GS Reacq

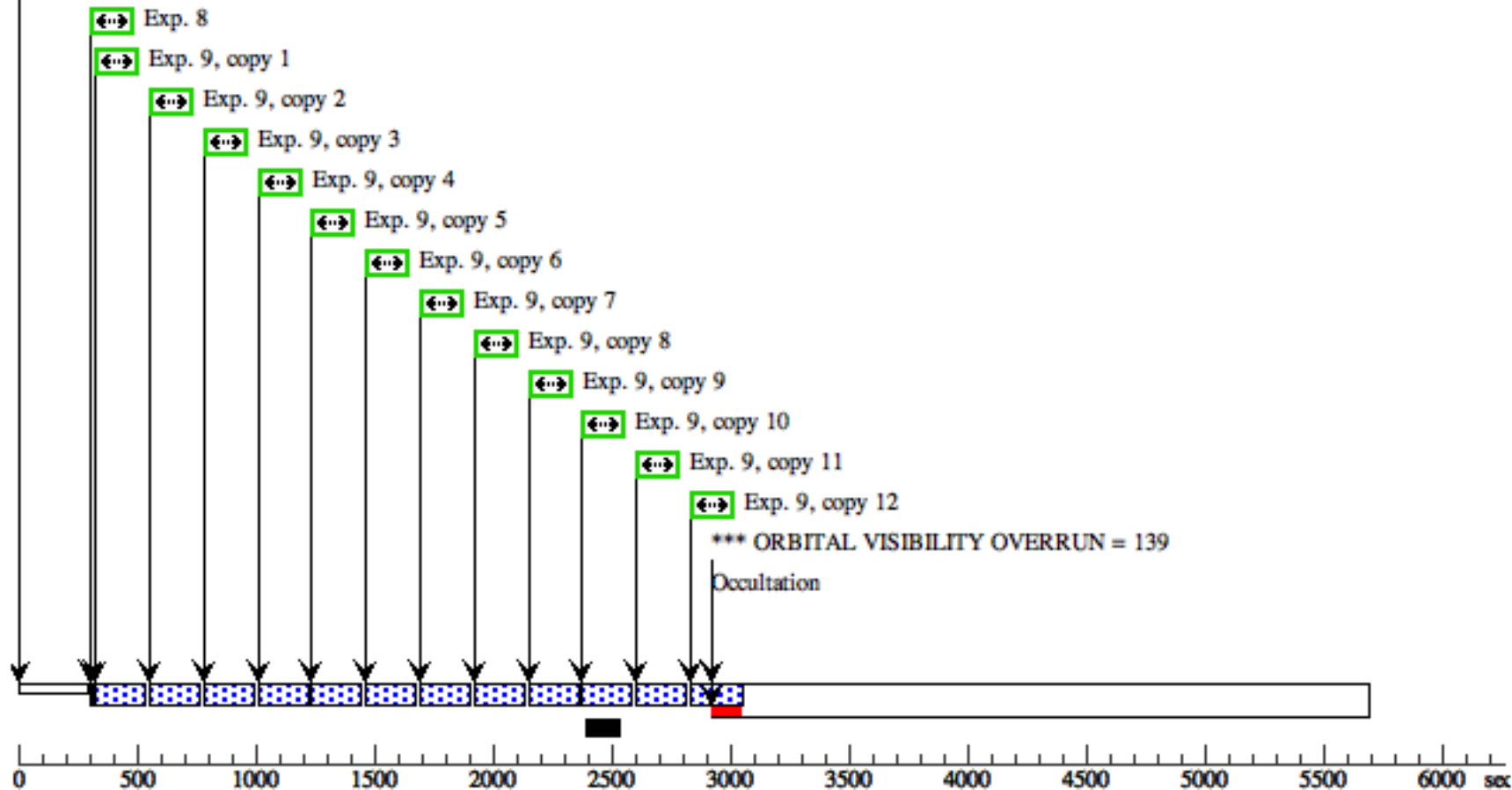
Server Version: 20181130

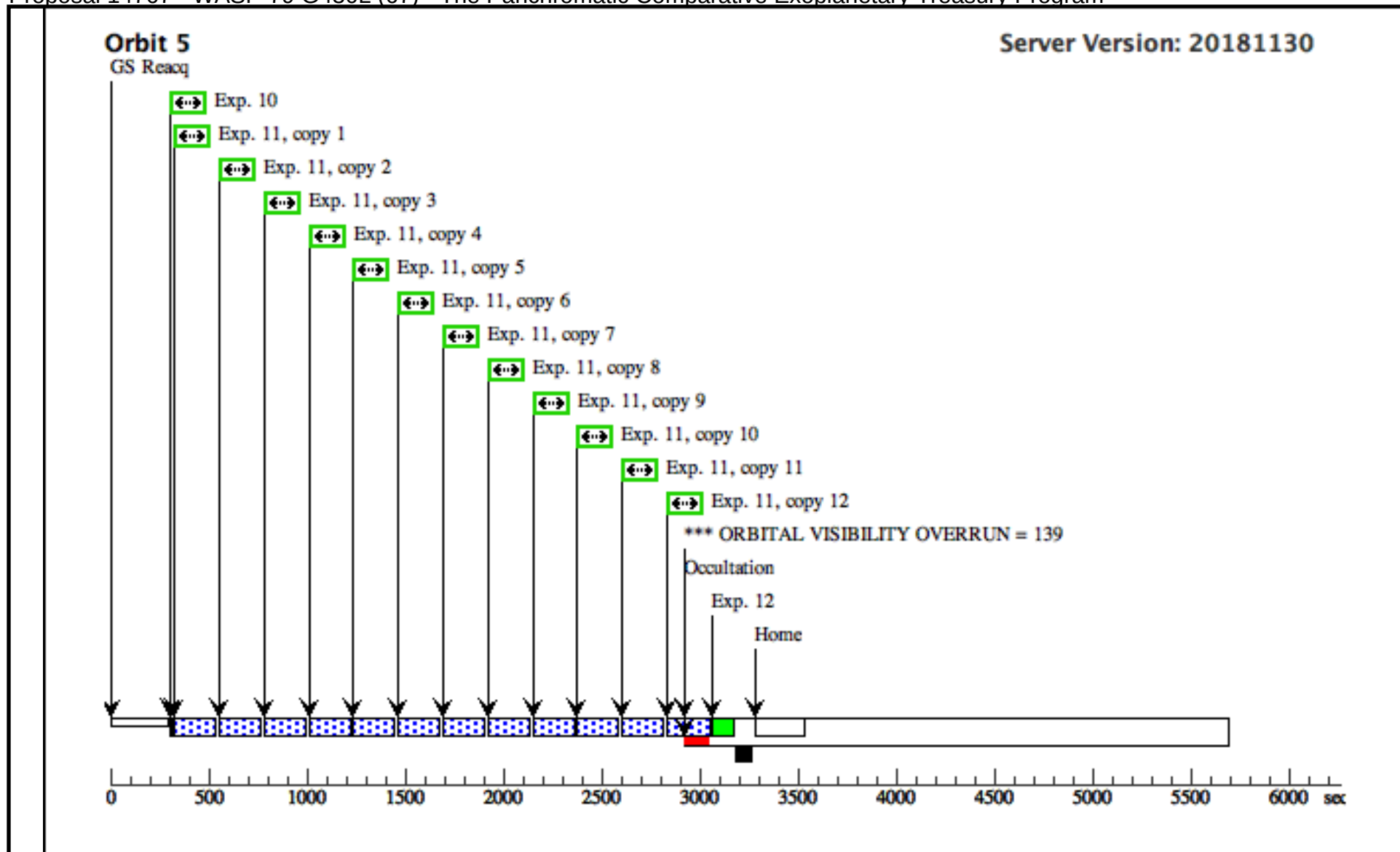


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-79 G430L x2 (68) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-79 G430L x2 (68), completed	Wed Jun 05 15:15:04 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 3.6623817 D AND ZERO-PHASE HJD2455545.23479	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - WASP-79 G430L x2 (68) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-79 G430L x2 (68) - The Panchromatic Comparative Exoplanetary Treasury Program

	(WASP-79 G430L x2 (68)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-79 G430L x2 (68)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-79 G430L x2 (68)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-79 G430L x2 (68)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-79 G430L x2 (68)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-79 G430L x2 (68)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-79 G430L x2 (68)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-79 G430L x2 (68)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-79 G430L x2 (68)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-79 G430L x2 (68)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	WASP-79	RA: 04 25 29.0210 (66.3709208d)	Proper Motion RA: -0.6 mas/yr	V=10.04	Reference Frame: ICRS
			Dec: -30 36 1.55 (-30.60043d)	Proper Motion Dec: 3.1 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]					
	Extended=NO					

Proposal 14767 - WASP-79 G430L x2 (68) - The Panchromatic Comparative Exoplanetary Treasury Program

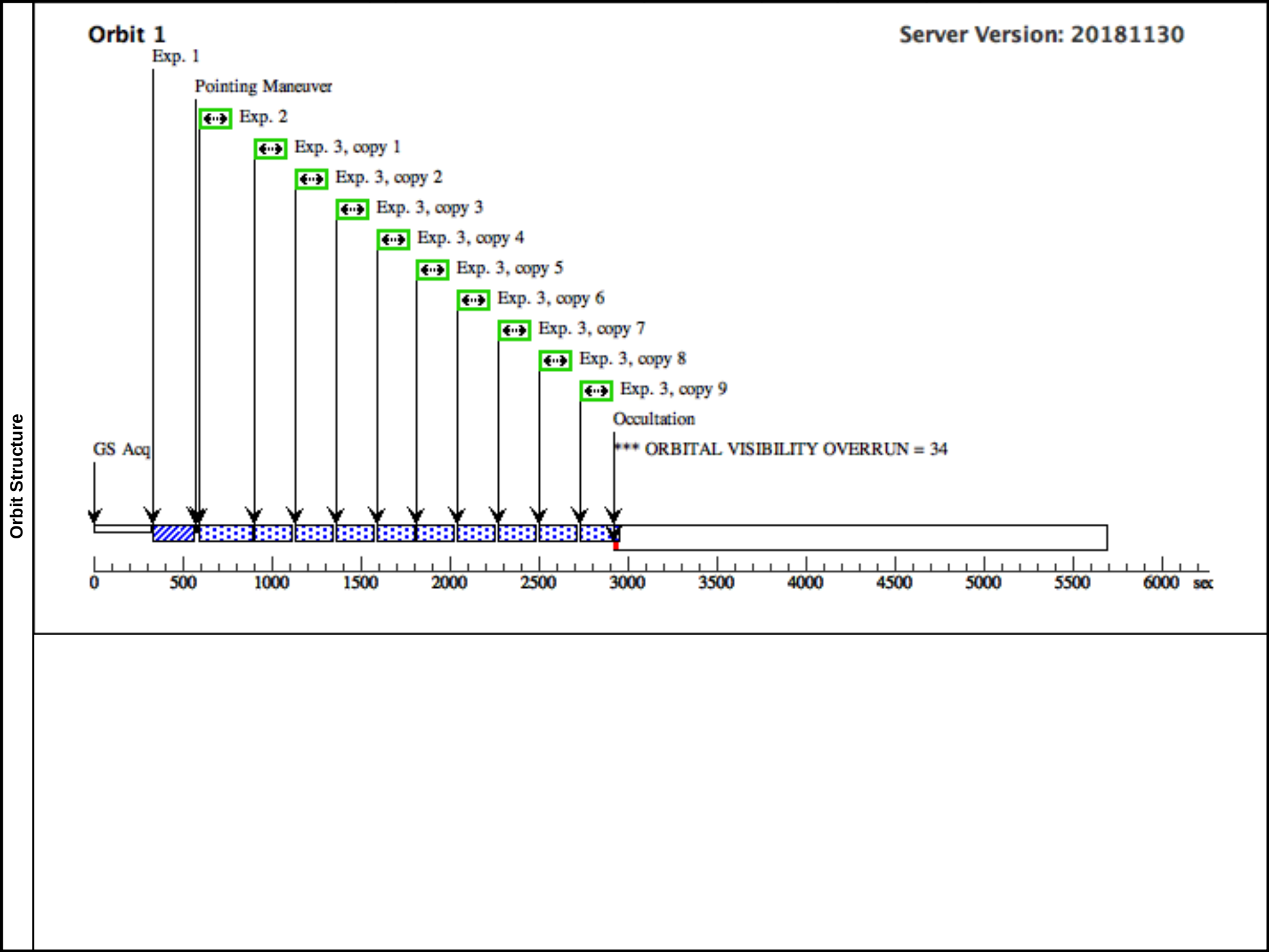
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5291)	(14) WASP-79	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.948 TO 0.952	Sequence 1-3 Non-Int in WASP-79 G430L x2 (68)	.2 Secs (0.2 Secs) [==>]	[1]
	2	WASP-79 G 430L Orbit 1	(14) WASP-79	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-79 G430L x2 (68)	182 Secs (182 Secs) [==>]	[1]
	Comments: Shorter exposure to minimize instrument systematic of first exposure in each orbit, longer than 1 second to push the 207 second exposures to the end of the observability window.									
	3	WASP-79 G 430L Orbit 1 (STIS.sp.82 2458)	(14) WASP-79	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-79 G430L x2 (68)	207 Secs X 9 (1863 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)]	[1]
	4	WASP-79 G 430L Orbit 2	(14) WASP-79	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-79 G430L x2 (68)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-79 G 430L Orbit 2 (STIS.sp.82 2458)	(14) WASP-79	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-79 G430L x2 (68)	207 Secs X 12 (2484 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[2]
	6	WASP-79 G 430L Orbit 3	(14) WASP-79	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in WASP-79 G430L x2 (68)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-79 G430L x2 (68) - The Panchromatic Comparative Exoplanetary Treasury Program

7	WASP-79 G (14) WASP-79 430L Orbit 3 (STIS.sp.82 2458)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-79 G430 L x2 (68)	207 Secs X 12 (2484 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[3]
8	WASP-79 G (14) WASP-79 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-79 G430 L x2 (68)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-79 G (14) WASP-79 430L Orbit 4 (STIS.sp.82 2458)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-79 G430 L x2 (68)	207 Secs X 12 (2484 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[4]
10	WASP-79 G (14) WASP-79 430L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-79 G430L x2 (68)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							

Proposal 14767 - WASP-79 G430L x2 (68) - The Panchromatic Comparative Exoplanetary Treasury Program

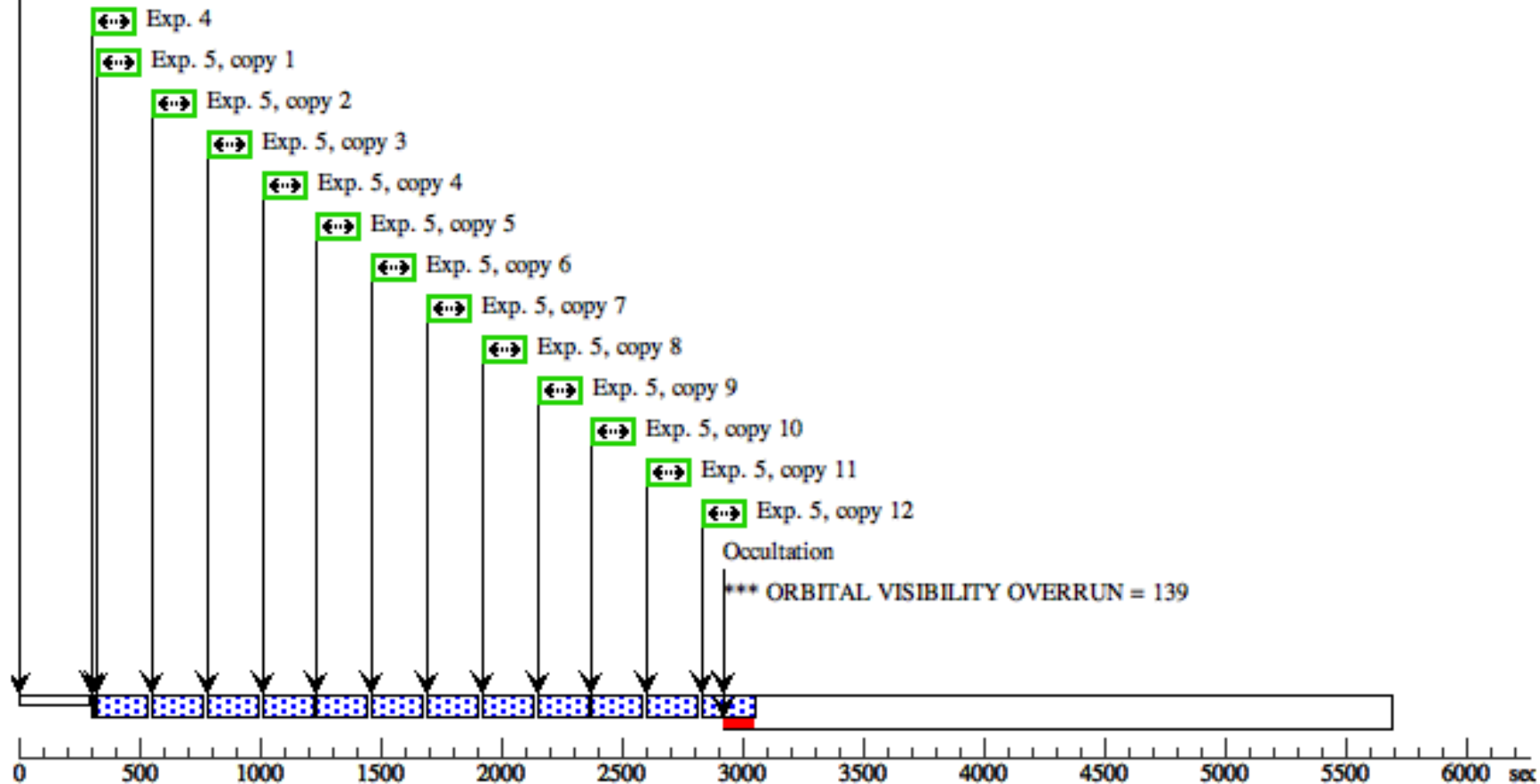
	11	WASP-79 G (14) WASP-79 430L Orbit 5 (STIS.sp.82 2458)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non -Int in WASP-79 G4 30L x2 (68)	207 Secs X 12 (2484 Secs)	
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[5]
	12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		Sequence 10-12 Non -Int in WASP-79 G4 30L x2 (68)	[==>]	[5]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle								



Orbit 2

GS Reacq

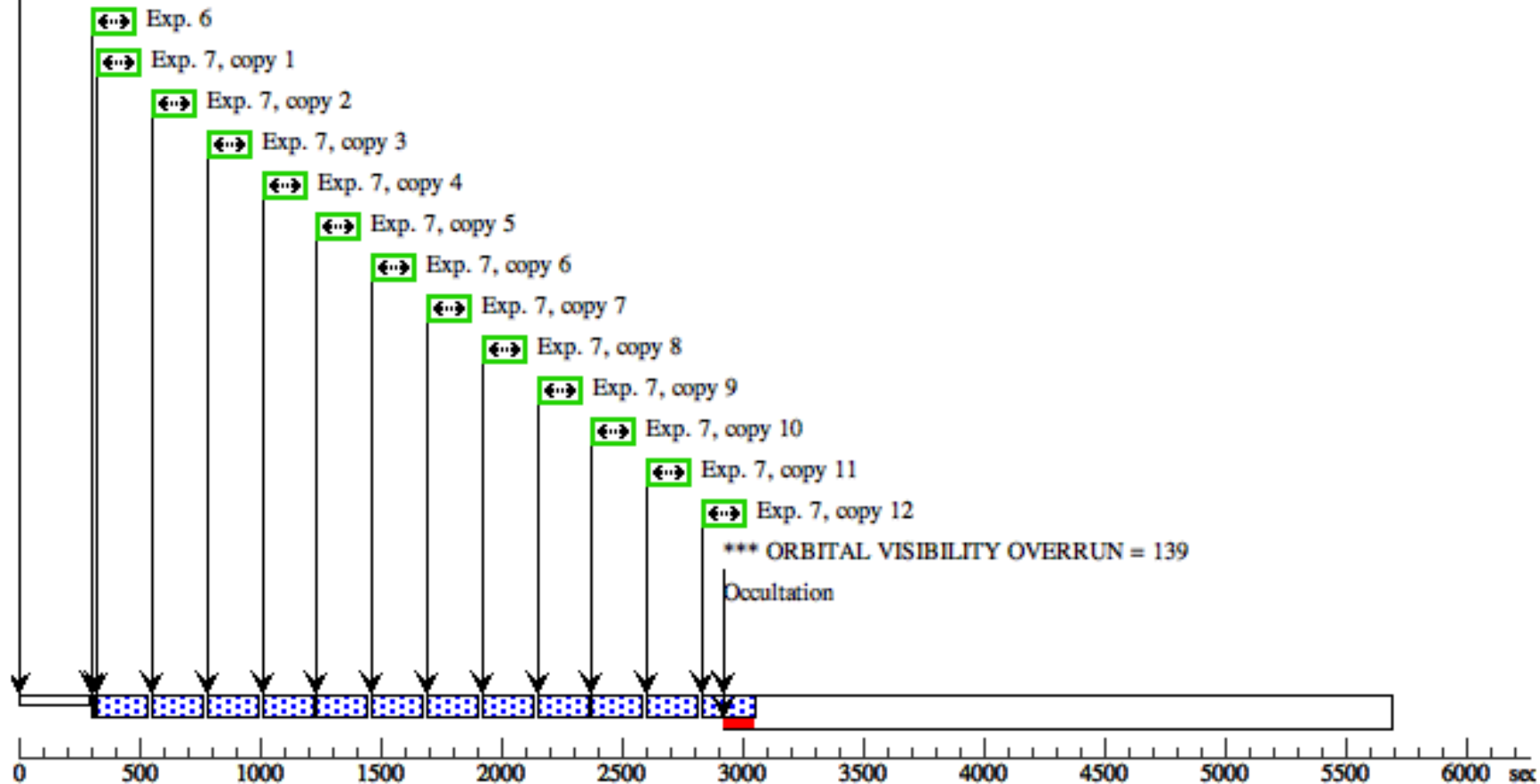
Server Version: 20181130



Orbit 3

Server Version: 20181130

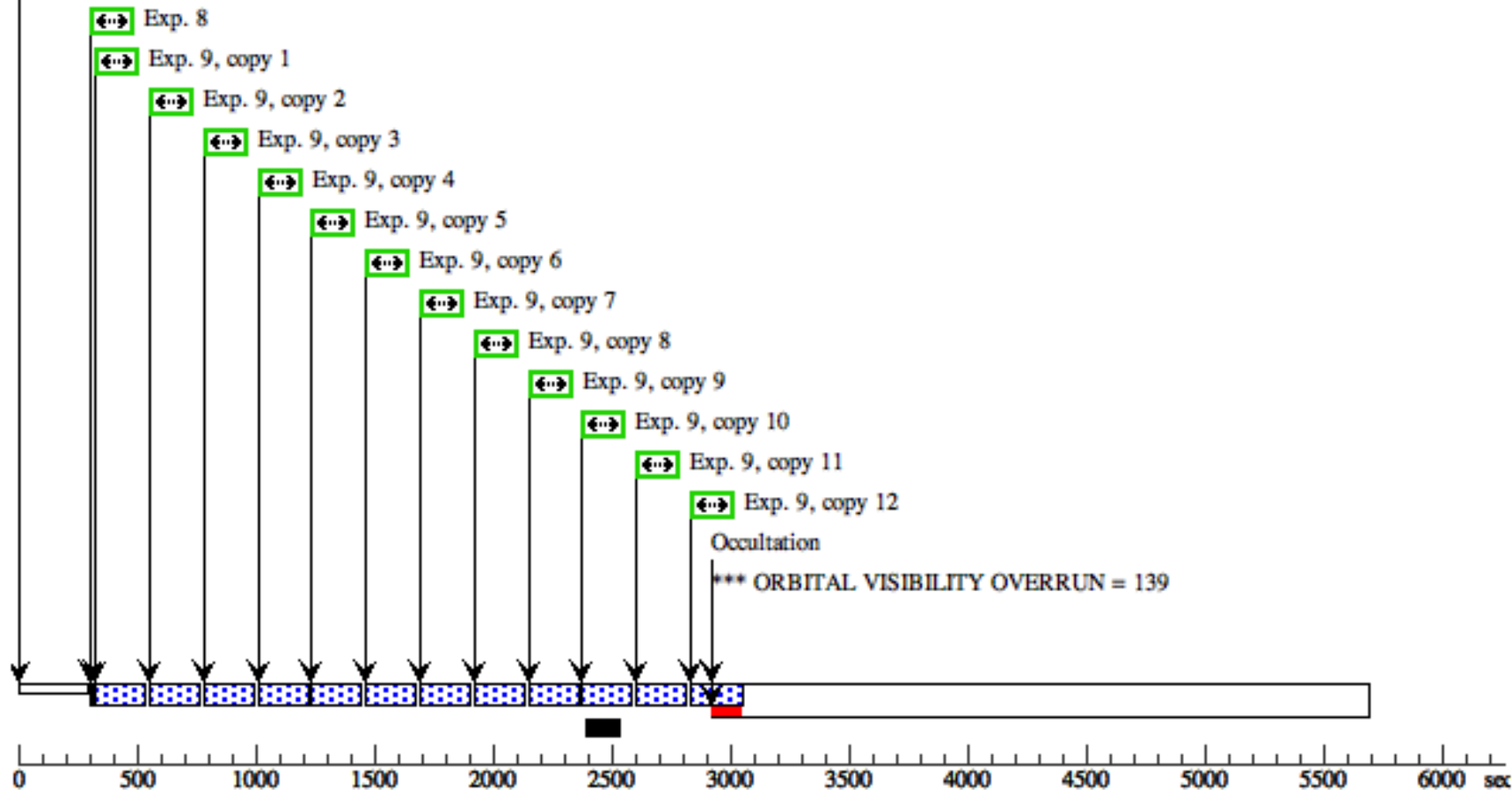
GS Reacq

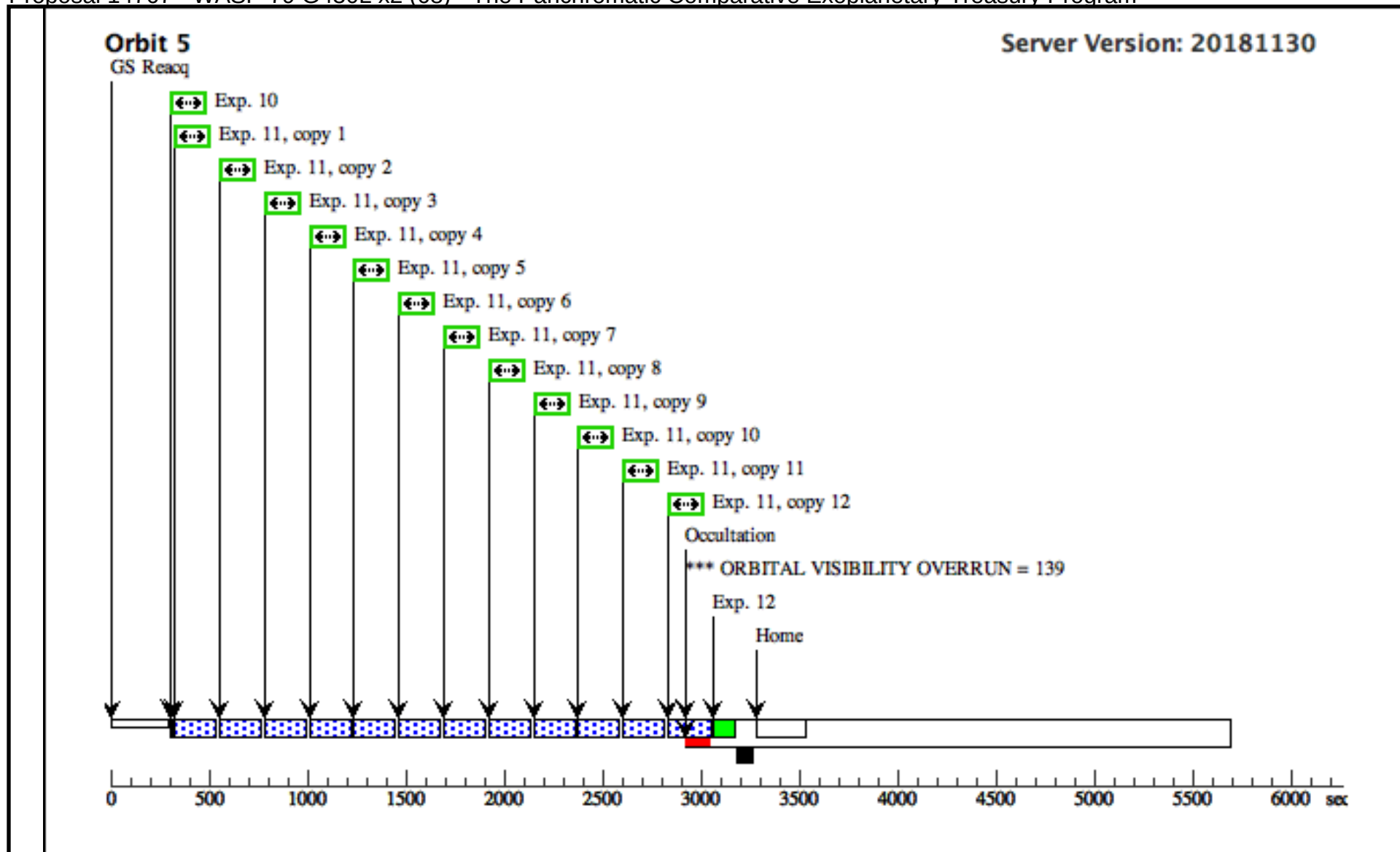


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-79 G750L (69) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-79 G750L (69), completed	Wed Jun 05 15:15:04 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 3.6623817 D AND ZERO-PHASE HJD2455545.23479	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - WASP-79 G750L (69) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-79 G750L (69) - The Panchromatic Comparative Exoplanetary Treasury Program

(WASP-79 G750L (69)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-79 G750L (69)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-79 G750L (69)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
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(WASP-79 G750L (69)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-79 G750L (69)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(14)	WASP-79	RA: 04 25 29.0210 (66.3709208d)	Proper Motion RA: -0.6 mas/yr	V=10.04
			Dec: -30 36 1.55 (-30.60043d)	Proper Motion Dec: 3.1 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.				
	Category=STAR				
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]				
	Extended=NO				

Proposal 14767 - WASP-79 G750L (69) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5291)	(14) WASP-79	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.948 TO 0.952	Sequence 1-3 Non-Int in WASP-79 G750L (69)	.2 Secs (0.2 Secs) [==>]	[1]
	2	WASP-79 G 750L Orbit 1	(14) WASP-79	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-79 G750L (69)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-79 G 750L Orbit 1 (STIS.sp.82 2465)	(14) WASP-79	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-79 G750L (69)	150 Secs X 13 (1950 Secs) [==>(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)]	[1]
Exposures	4	WASP-79 G 750L Orbit 2	(14) WASP-79	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-79 G750L (69)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-79 G750L (69) - The Panchromatic Comparative Exoplanetary Treasury Program

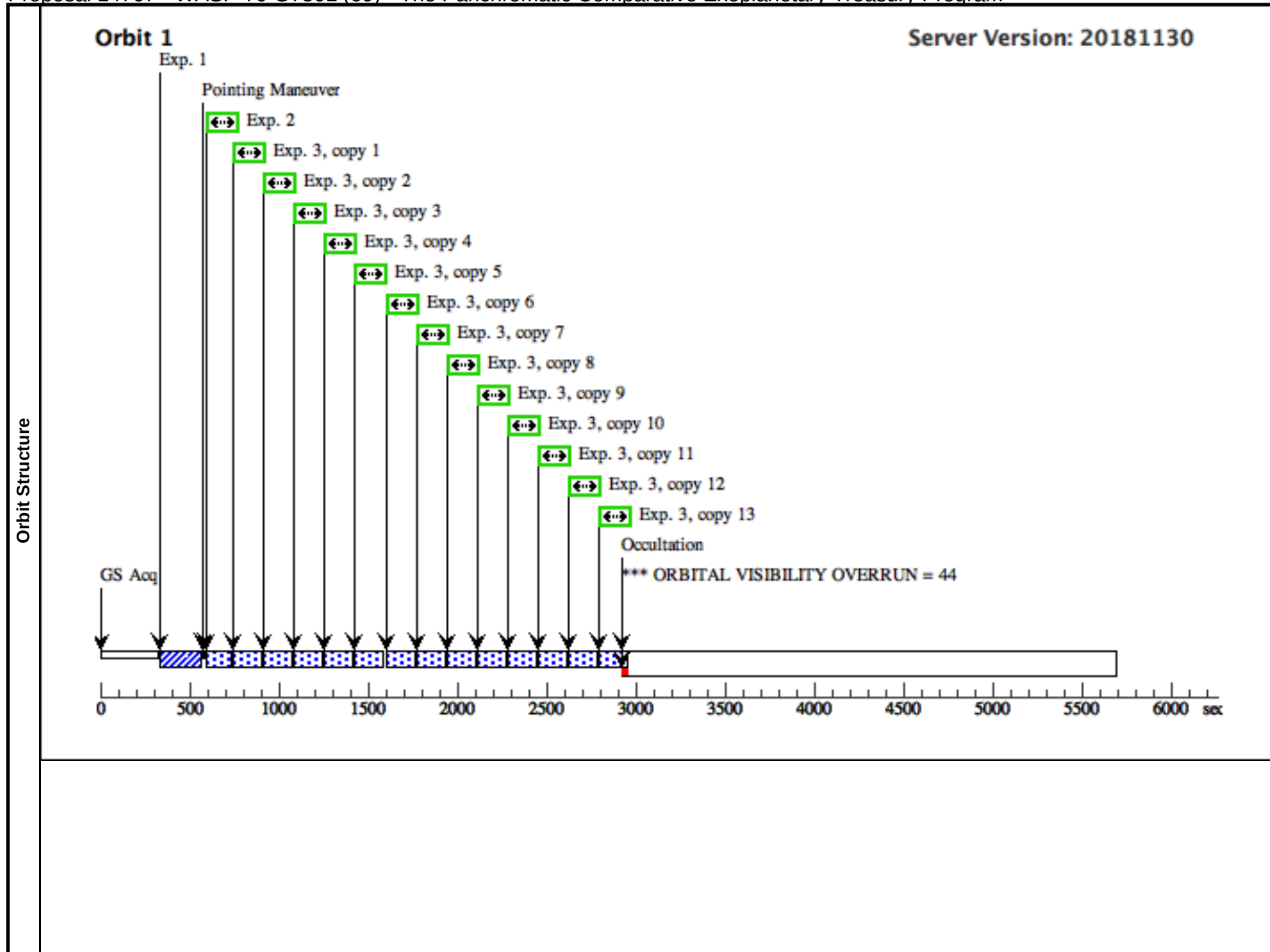
5	WASP-79 G (14) WASP-79 750L Orbit 2 (STIS.sp.82 2465)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 4-5 Non-Int in WASP-79 G750 L (69)	150 Secs X 16 (2400 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)]	[2]
6	WASP-79 G (14) WASP-79 750L Orbit 3	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-79 G750 L (69)	1 Secs (1 Secs) [==>]	[3]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
7	WASP-79 G (14) WASP-79 750L Orbit 3 (STIS.sp.82 2465)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-79 G750 L (69)	150 Secs X 16 (2400 Secs) [==>(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)]	[3]
8	WASP-79 G (14) WASP-79 750L Orbit 4	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-79 G750 L (69)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							

Proposal 14767 - WASP-79 G750L (69) - The Panchromatic Comparative Exoplanetary Treasury Program

9	WASP-79 G (14) WASP-79 750L Orbit 4 (STIS.sp.82 2465)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-79 G750 L (69)	150 Secs X 16 (2400 Secs) [==>(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)]	[4]
10	WASP-79 G (14) WASP-79 750L Orbit 5	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in WASP-79 G750L (69)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	WASP-79 G (14) WASP-79 750L Orbit 5 (STIS.sp.82 2465)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in WASP-79 G750L (69)	149 Secs X 16 (2384 Secs) [==>(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)]	[5]
12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		Sequence 10-14 Non-Int in WASP-79 G750L (69)	[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>							
13	Flat CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		Sequence 10-14 Non-Int in WASP-79 G750L (69)	[==>(Copy 1)] [==>(Copy 2)]	[5]

Proposal 14767 - WASP-79 G750L (69) - The Panchromatic Comparative Exoplanetary Treasury Program

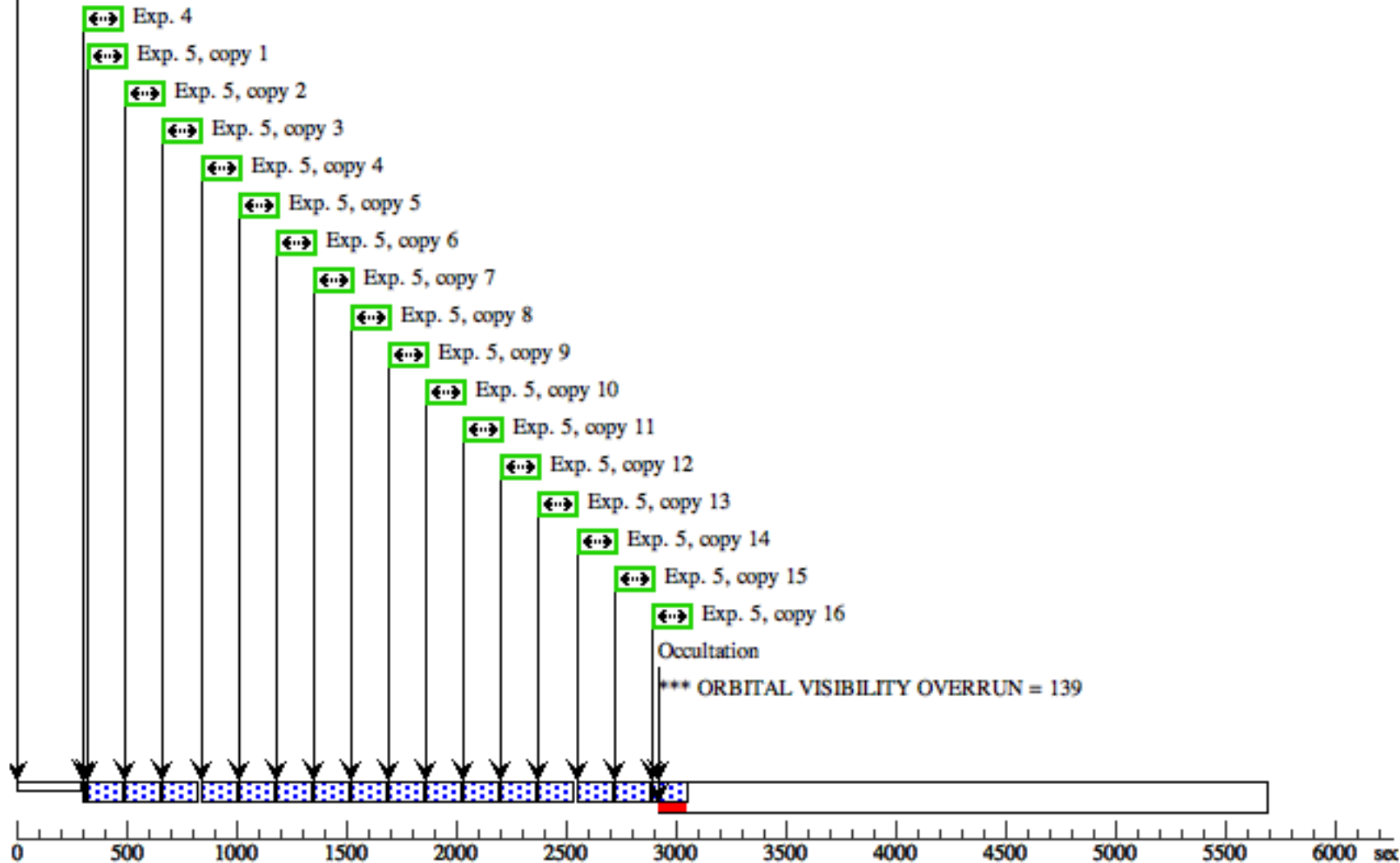
14	Tungsten La NONE mp	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	Sequence 10-14 Non -Int in WASP-79 G7 50L (69)	240 Secs X 4 (960 Secs)	[5]
						[==>(Copy 1)]	
						[==>(Copy 2)]	
						[==>(Copy 3)]	
						[==>(Copy 4)]	
Comments: Expected peak count level = 50,000 e-							



Orbit 2

GS Reacq

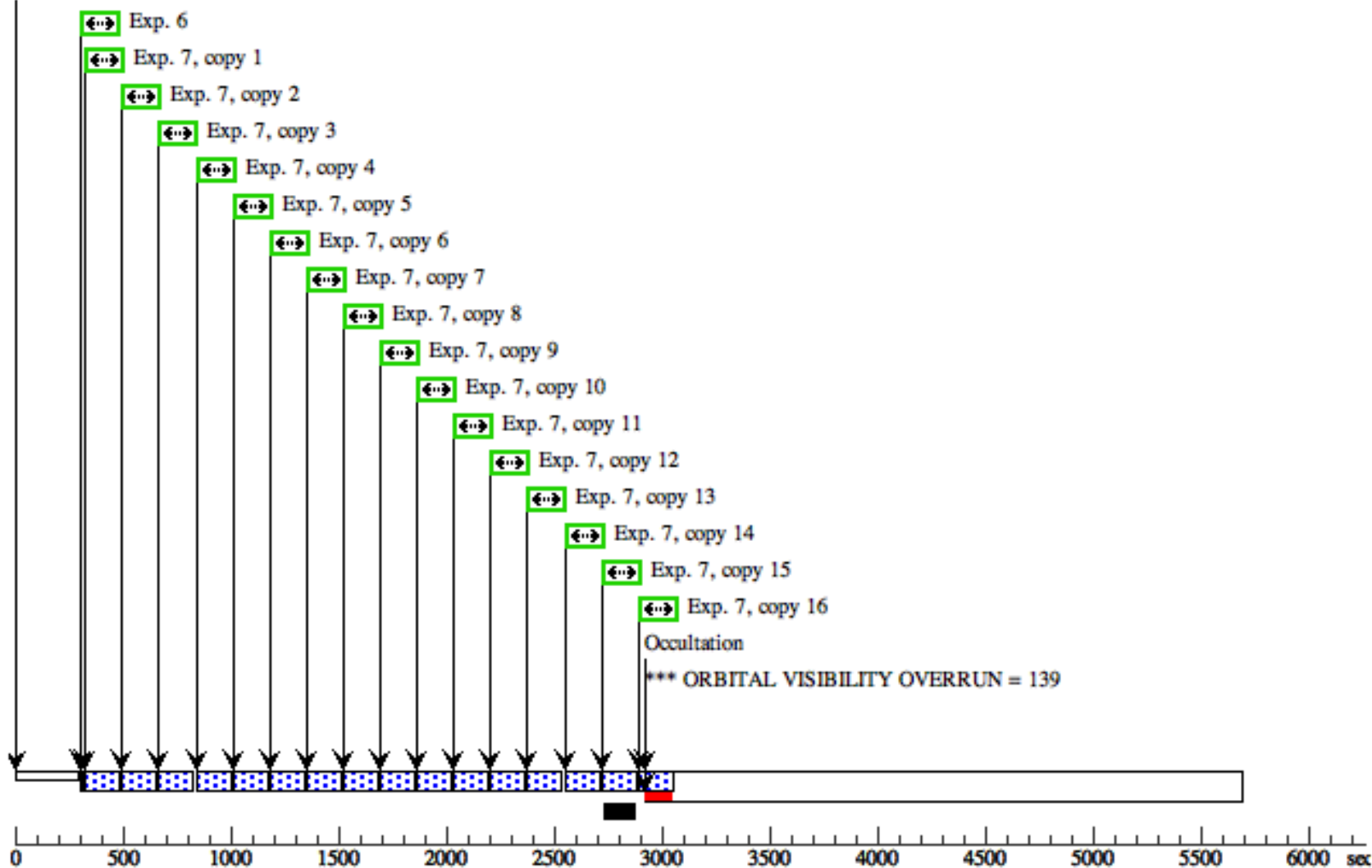
Server Version: 20181130



Orbit 3

Server Version: 20181130

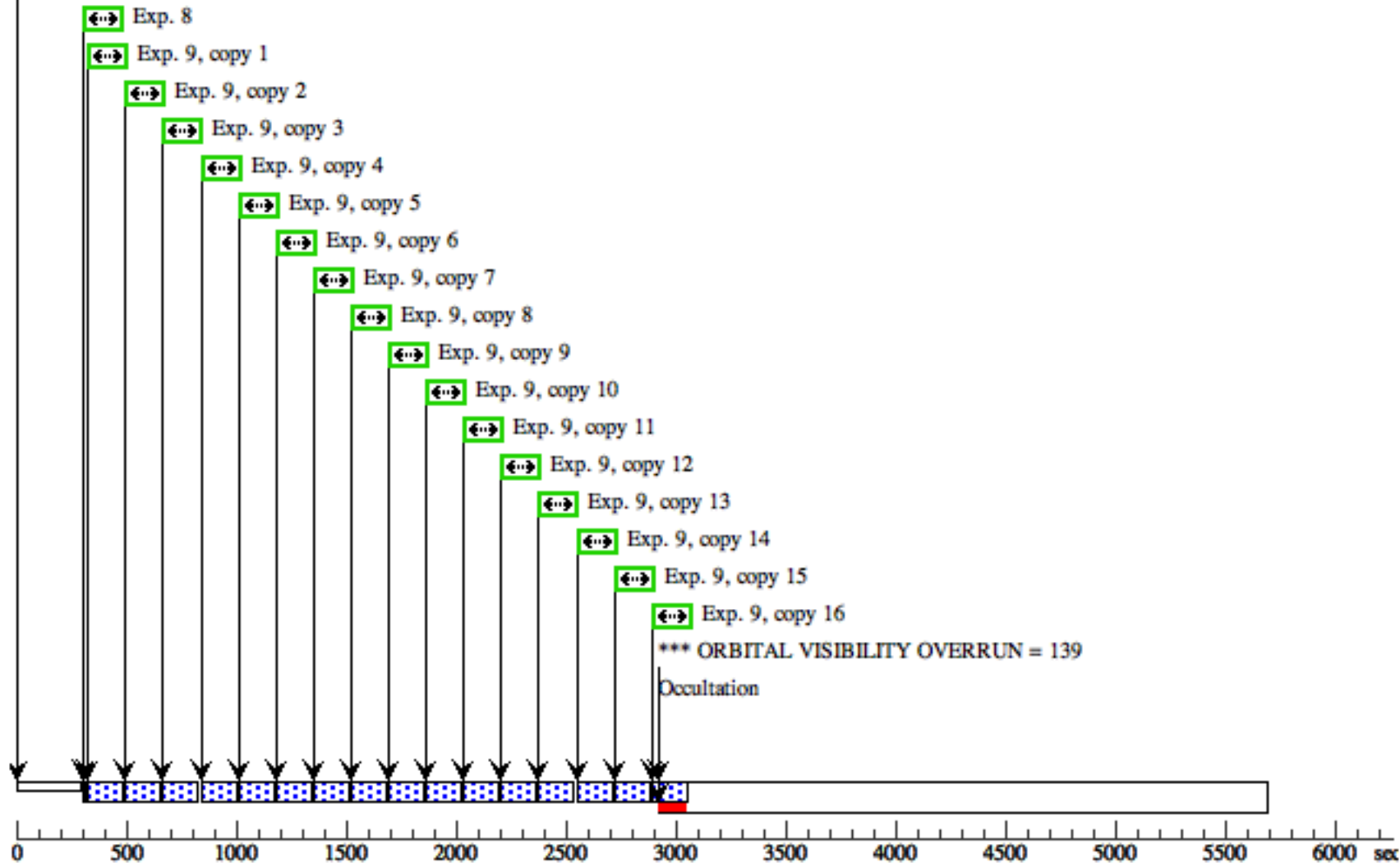
GS Reacq

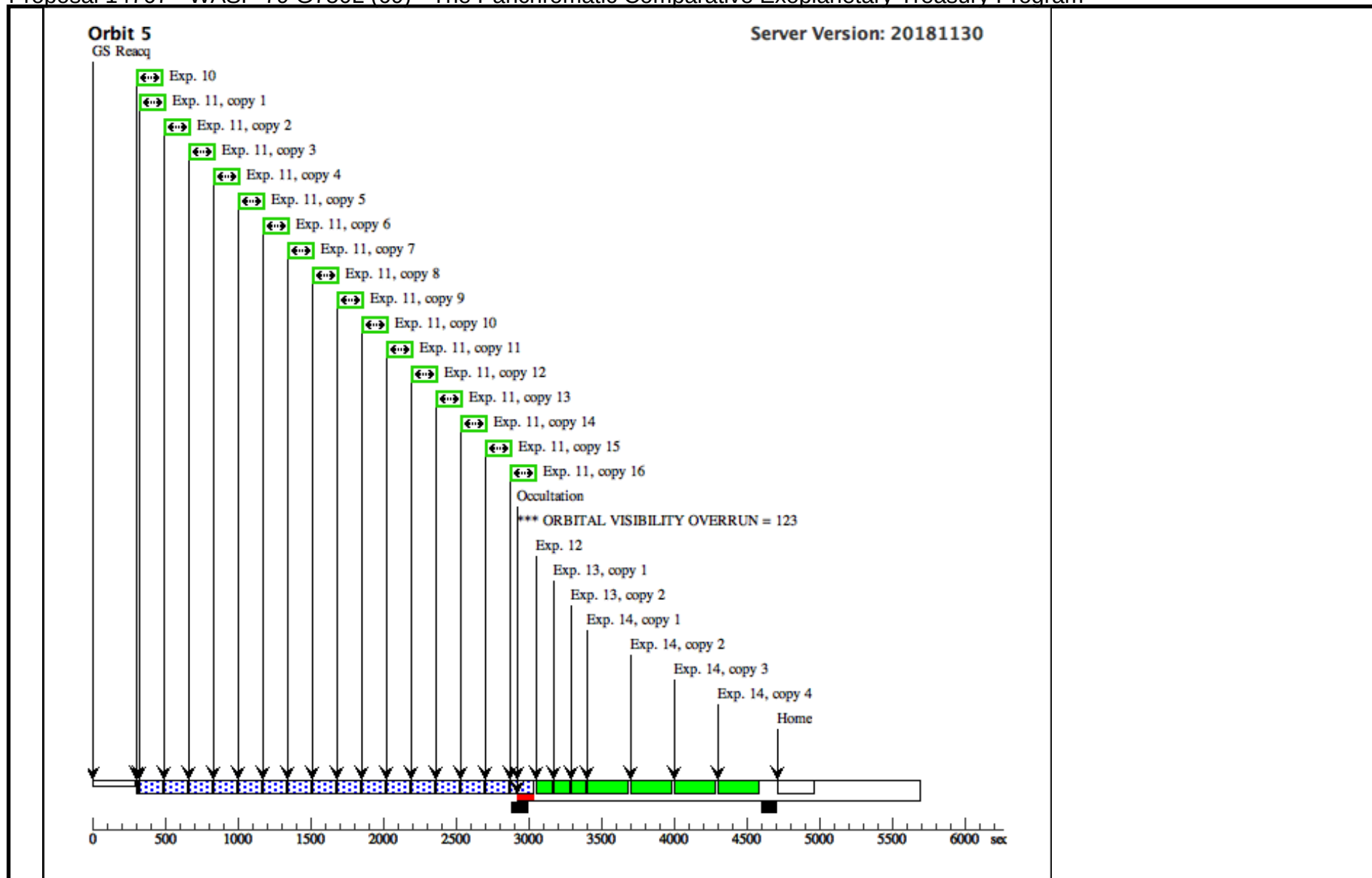


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-79 WFC3 Transit (70) - The Panchromatic Comparative Exoplanetary Treasury Program

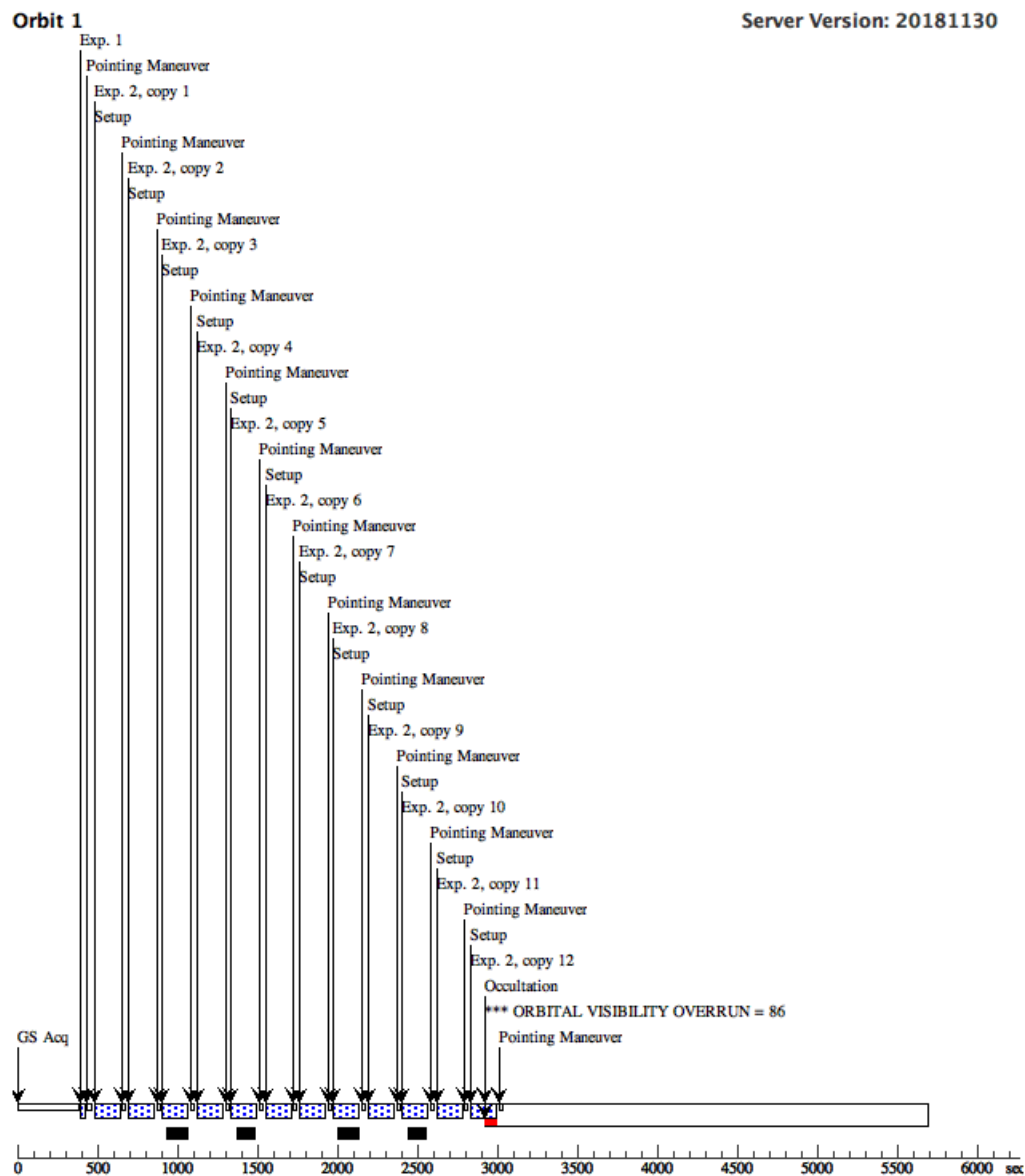
Visit	Proposal 14767, WASP-79 WFC3 Transit (70), completed Wed Jun 05 15:15:04 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; ORIENT 0D TO 120 D; ORIENT 180D TO 300 D; Period 3.6623817 D AND ZERO-PHASE HJD2455545.23479 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i> <i>Scan rates have been adjusted from 0.15 arcseconds/pixel to 0.135 arcseconds/pixel. This is to increase the count rate to a maximum of 32,000 electrons in each exposure.</i>				
Diagnostics	(WASP-79 WFC3 Transit (70)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(WASP-79 WFC3 Transit (70)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(WASP-79 WFC3 Transit (70)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(WASP-79 WFC3 Transit (70)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(WASP-79 WFC3 Transit (70)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(14)	WASP-79	RA: 04 25 29.0210 (66.3709208d)	Proper Motion RA: -0.6 mas/yr	V=10.04
			Dec: -30 36 1.55 (-30.60043d)	Proper Motion Dec: 3.1 mas/yr	
			Equinox: J2000	Epoch of Position: 2000	
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9] Extended=NO				

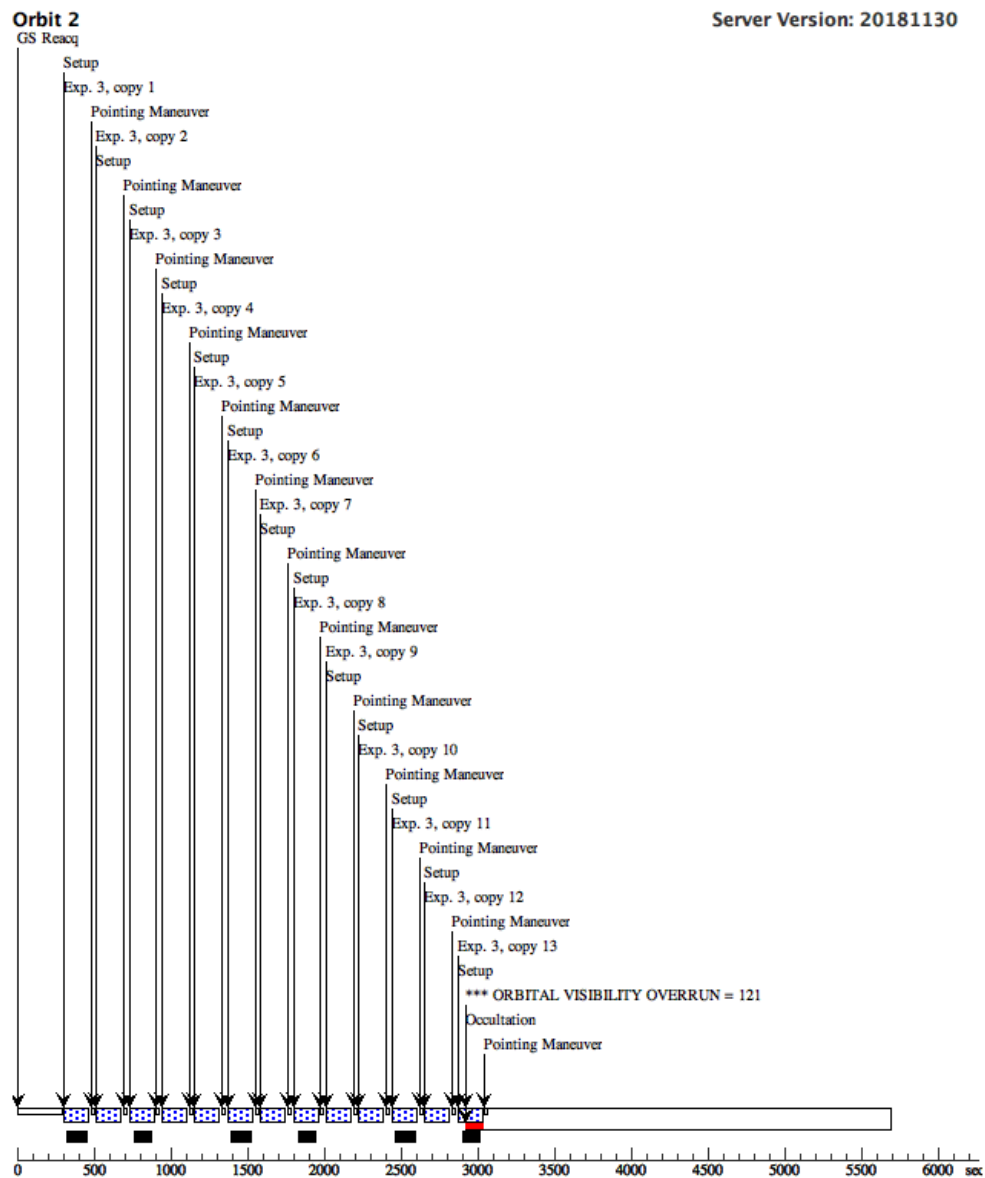
Proposal 14767 - WASP-79 WFC3 Transit (70) - The Panchromatic Comparative Exoplanetary Treasury Program

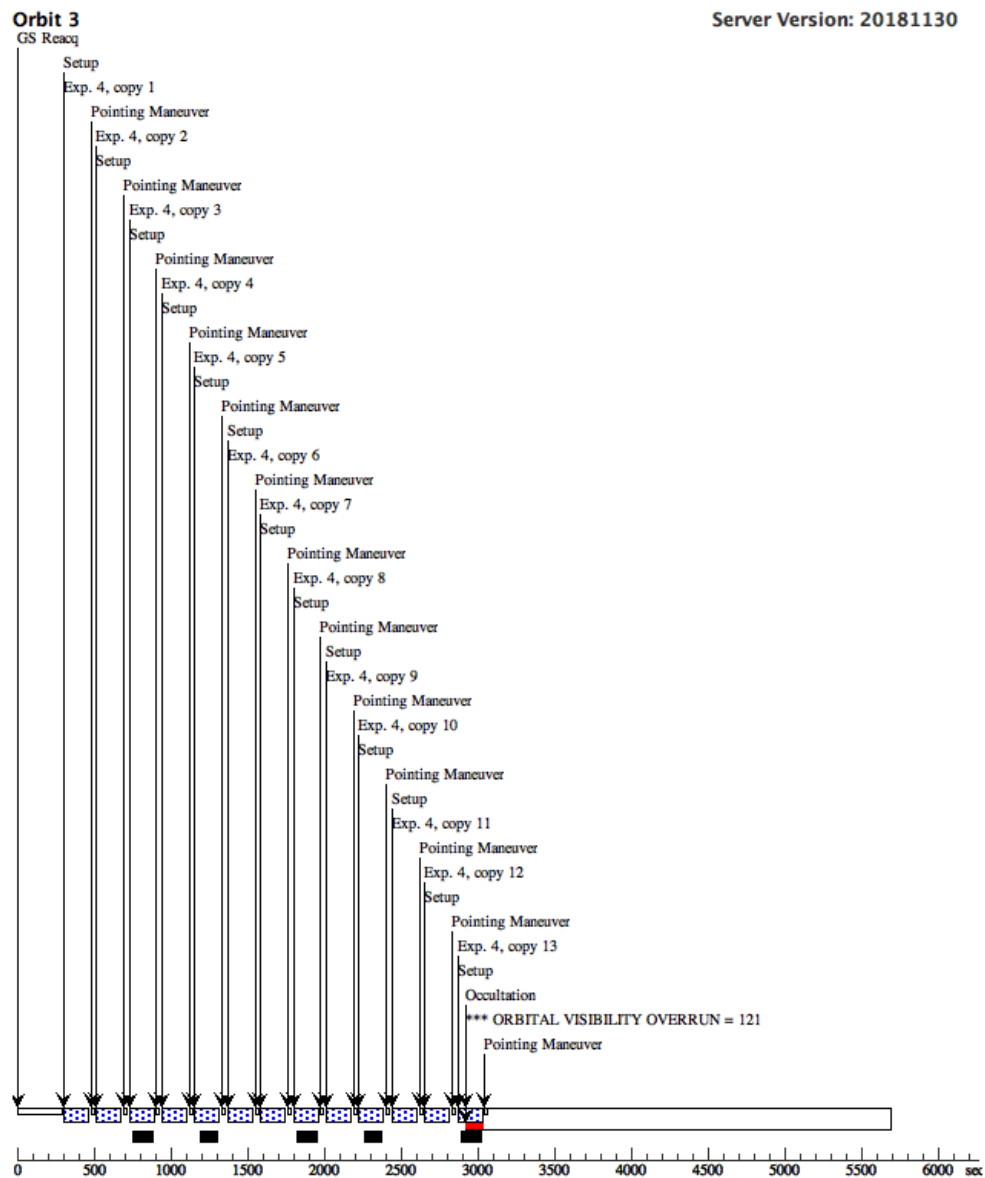
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(14) WASP-79	WFC3/IR, MULTIACCUM, GRISM512	F139M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 13.5,0.0; PHASE 0.9483 TO 0.9547	Sequence 1-2 Non-Int in WASP-79 WFC3 Transit (70)	4.265135 Secs (4.265 Secs) [==>]	[1]
	Comments: The Filter image aperture has been changed to the GRISM512 from IRSUB512 to match the correct procedures as described in the handbook and obtain the correct wavelength calibration position.									
	2		(14) WASP-79	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24,-14; SPATIAL SCAN 0.1 35,90.0 Degrees,Forward	Sequence 1-2 Non-Int in WASP-79 WFC3 Transit (70)	138.380533 Secs X 12 (1660.566 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	3		(14) WASP-79	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-14; SPATIAL SCAN 0.1 35,90.0 Degrees,Forward	Sequence 3-3 Non-Int in WASP-79 WFC3 Transit (70)	138.380533 Secs X 13 (1798.947 Secs) [==>(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)]	[2]

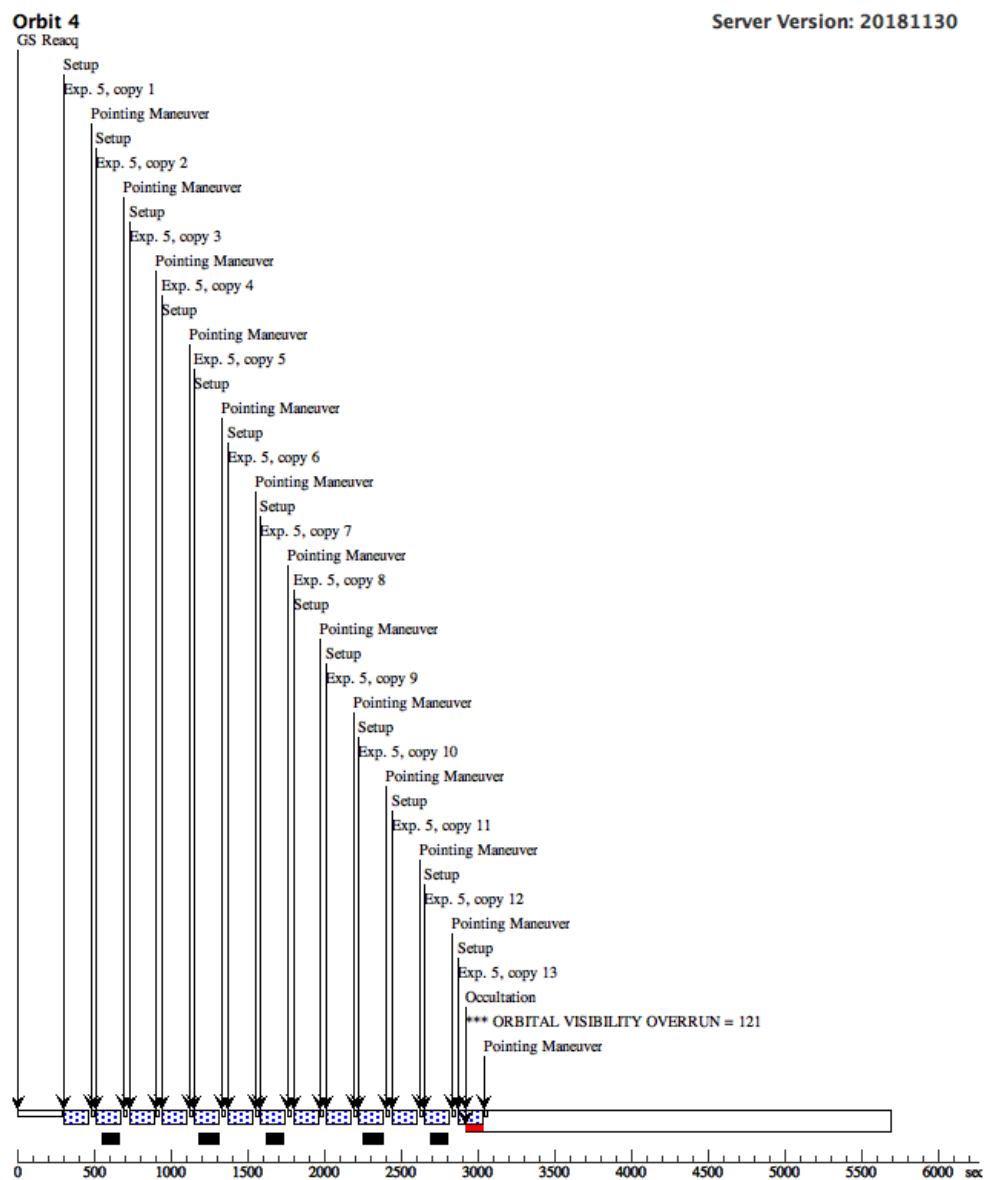
Proposal 14767 - WASP-79 WFC3 Transit (70) - The Panchromatic Comparative Exoplanetary Treasury Program

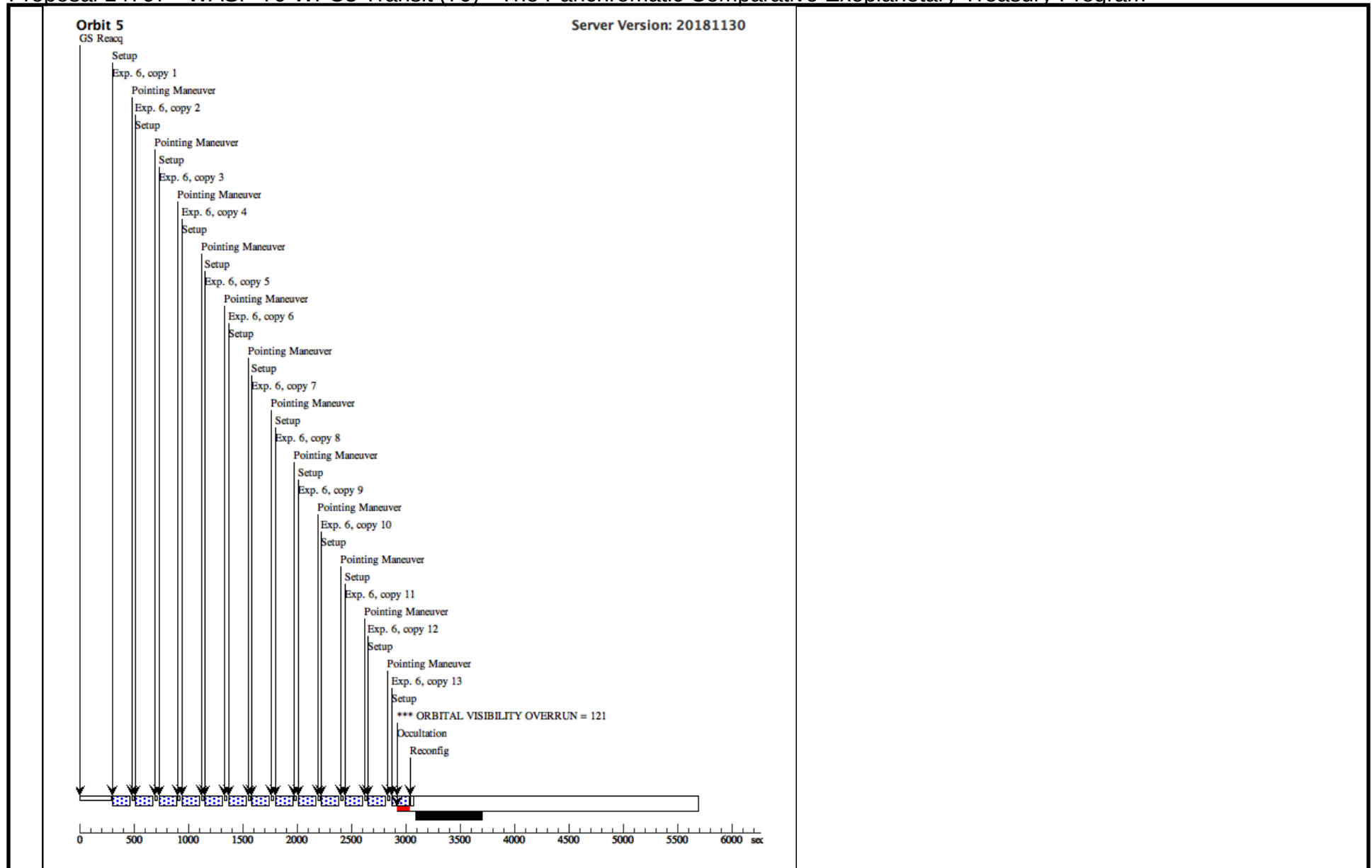
4	(14) WASP-79	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-1 4; SPATIAL SCAN 0.1 35,90.0 Degrees,Forward	Sequence 4-4 Non-Int in WASP-79 WFC3 Transit (70)	138.380533 Secs X 13 (1798.947 Secs)	[3]
5	(14) WASP-79	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-1 4; SPATIAL SCAN 0.1 35,90.0 Degrees,Forward	Sequence 5-5 Non-Int in WASP-79 WFC3 Transit (70)	138.380533 Secs X 13 (1798.947 Secs)	[4]
6	(14) WASP-79	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-1 4; SPATIAL SCAN 0.1 35,90.0 Degrees,Forward	Sequence 6-6 Non-Int in WASP-79 WFC3 Transit (70)	138.380533 Secs X 13 (1798.947 Secs)	[5]











Proposal 14767 - WASP-79 WFC3 Eclipse (71) - The Panchromatic Comparative Exoplanetary Treasury Program

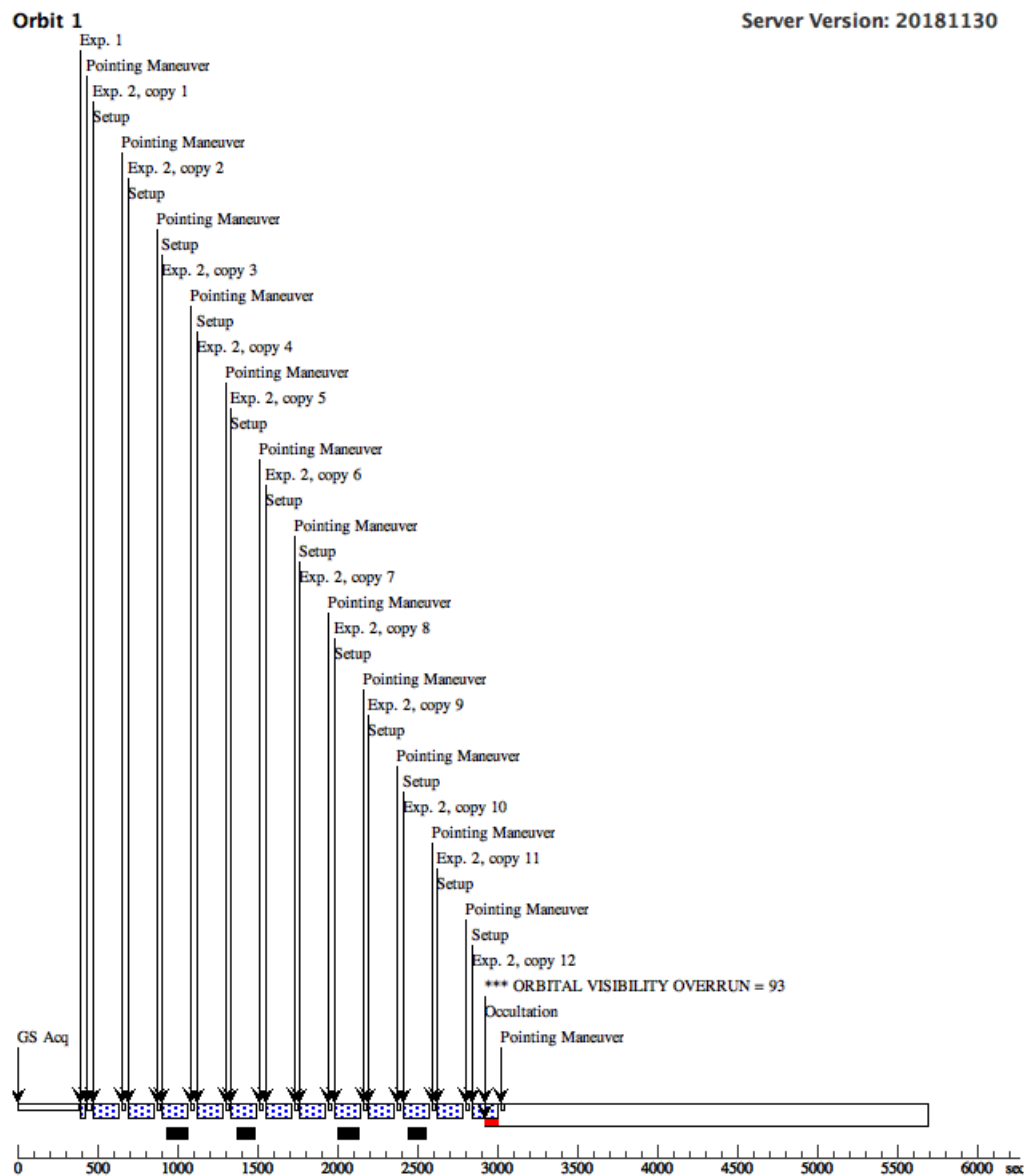
Visit	Proposal 14767, WASP-79 WFC3 Eclipse (71), completed					Wed Jun 05 15:15:04 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR					
	Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; ORIENT 0D TO 120 D; ORIENT 180D TO 300 D; Period 3.6623817 D AND ZERO-PHASE HJD2455545.23479					
	Comments: It is essential that the five orbits be scheduled in a coninuous block.					
Diagnostics	(WASP-79 WFC3 Eclipse (71)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-79 WFC3 Eclipse (71)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-79 WFC3 Eclipse (71)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-79 WFC3 Eclipse (71)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-79 WFC3 Eclipse (71)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	WASP-79	RA: 04 25 29.0210 (66.3709208d)	Proper Motion RA: -0.6 mas/yr	V=10.04	Reference Frame: ICRS
			Dec: -30 36 1.55 (-30.60043d)	Proper Motion Dec: 3.1 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
Category=STAR						
Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]						
Extended=NO						

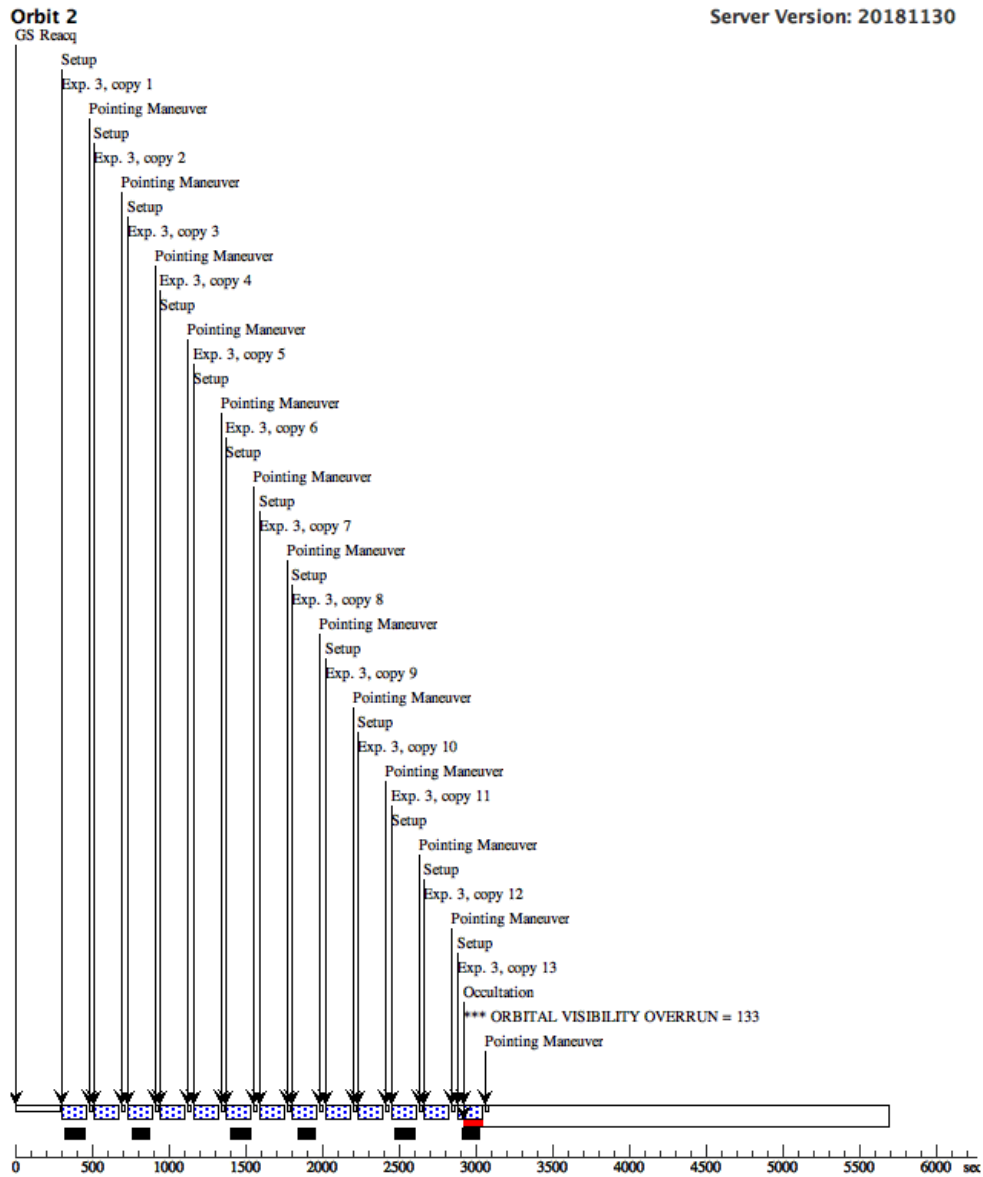
Proposal 14767 - WASP-79 WFC3 Eclipse (71) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(14) WASP-79	WFC3/IR, MULTIACCUM, GRISM512	F139M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.4483 TO 0.4547	Sequence 1-2 Non-Int in WASP-79 WFC3 Eclipse (71)	4.265135 Secs (4.265 Secs) [==>]	[1]
	Comments: The Filter image aperture has been changed to the GRISM512 from IRSUB512 to match the correct procedures as described in the handbook and obtain the correct wavelength calibration position.									
	2		(14) WASP-79	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24,-14; SPATIAL SCAN 0.1 5,90.0 Degrees,Forward	Sequence 1-2 Non-Int in WASP-79 WFC3 Eclipse (71)	138.380533 Secs X 12 (1660.566 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	3		(14) WASP-79	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-14; SPATIAL SCAN 0.1 5,90.0 Degrees,Forward	Sequence 3-3 Non-Int in WASP-79 WFC3 Eclipse (71)	138.380533 Secs X 13 (1798.947 Secs) [==>(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)]	[2]

Proposal 14767 - WASP-79 WFC3 Eclipse (71) - The Panchromatic Comparative Exoplanetary Treasury Program

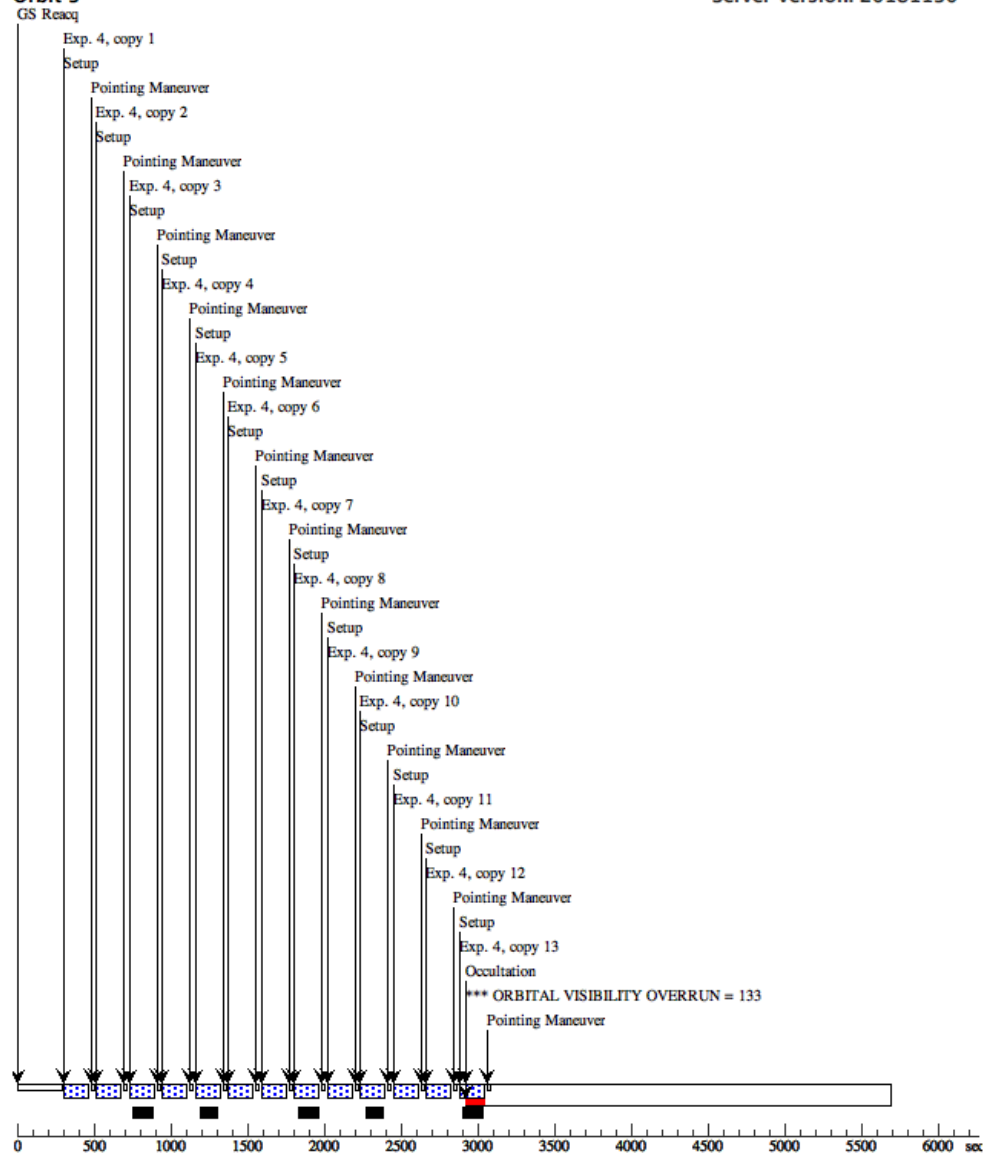
4	(14) WASP-79	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-1 4; SPATIAL SCAN 0.1 5,90.0 Degrees,Forward	Sequence 4-4 Non-Int in WASP-79 WFC3 Eclipse (71)	138.380533 Secs X 13 (1798.947 Secs)	[3]
5	(14) WASP-79	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-1 4; SPATIAL SCAN 0.1 5,90.0 Degrees,Forward	Sequence 5-5 Non-Int in WASP-79 WFC3 Eclipse (71)	138.380533 Secs X 13 (1798.947 Secs)	[4]
6	(14) WASP-79	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=7	POS TARG -24.0,-1 4; SPATIAL SCAN 0.1 5,90.0 Degrees,Forward	Sequence 6-6 Non-Int in WASP-79 WFC3 Eclipse (71)	138.380533 Secs X 13 (1798.947 Secs)	[5]

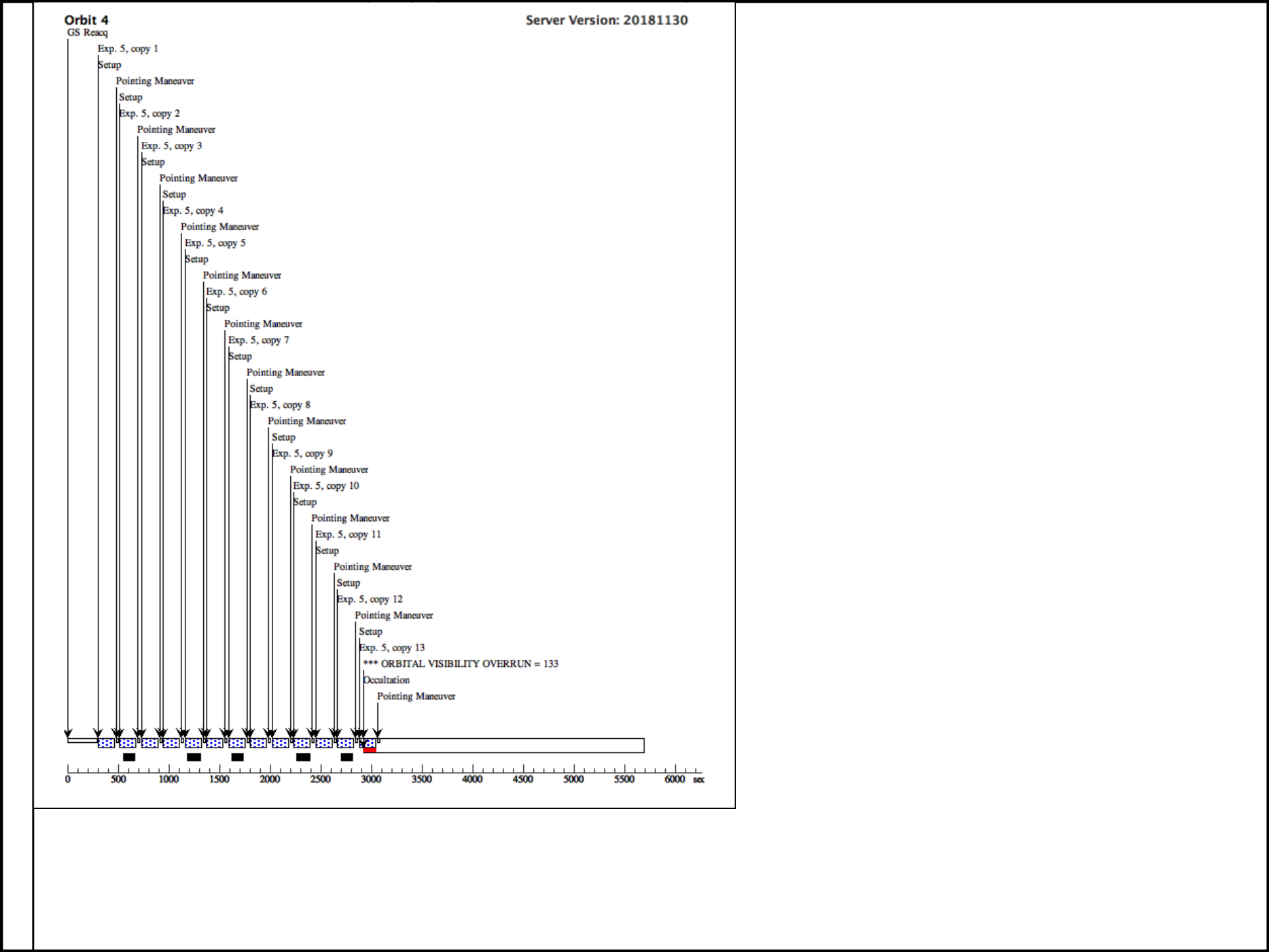


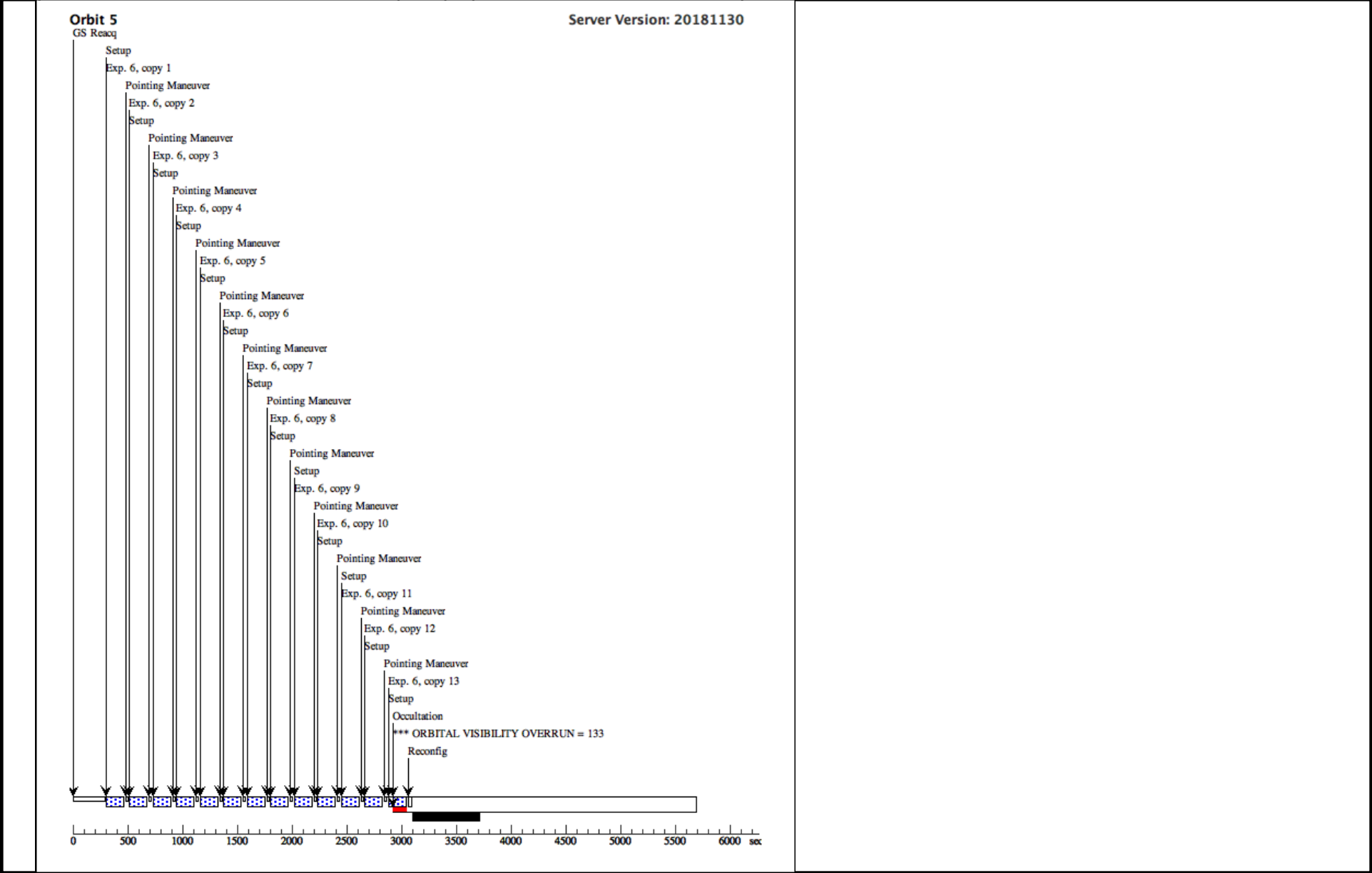


Orbit 3

Server Version: 20181130







Proposal 14767 - HAT-P-32 G430L (72) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-32 G430L (72), completed	Wed Jun 05 15:15:04 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 2.15000825 D AND ZERO-PHASE HJD2454420.44567	
	Comments: Hat-P-32 . G430L. STIS visit. It is essential that the five orbits be scheduled in a coninuuous block.	

[illegible]

Proposal 14767 - HAT-P-32 G430L (72) - The Panchromatic Comparative Exoplanetary Treasury Program

	(HAT-P-32 G430L (72)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(15)	HAT-P-32	RA: 02 04 10.2780 (31.0428250d)	Proper Motion RA: -12.3 mas/yr	V=11.29
			Dec: +46 41 16.21 (46.68784d)	Proper Motion Dec: 4.6 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, G V-IV] Extended=NO				

Proposal 14767 - HAT-P-32 G430L (72) - The Panchromatic Comparative Exoplanetary Treasury Program

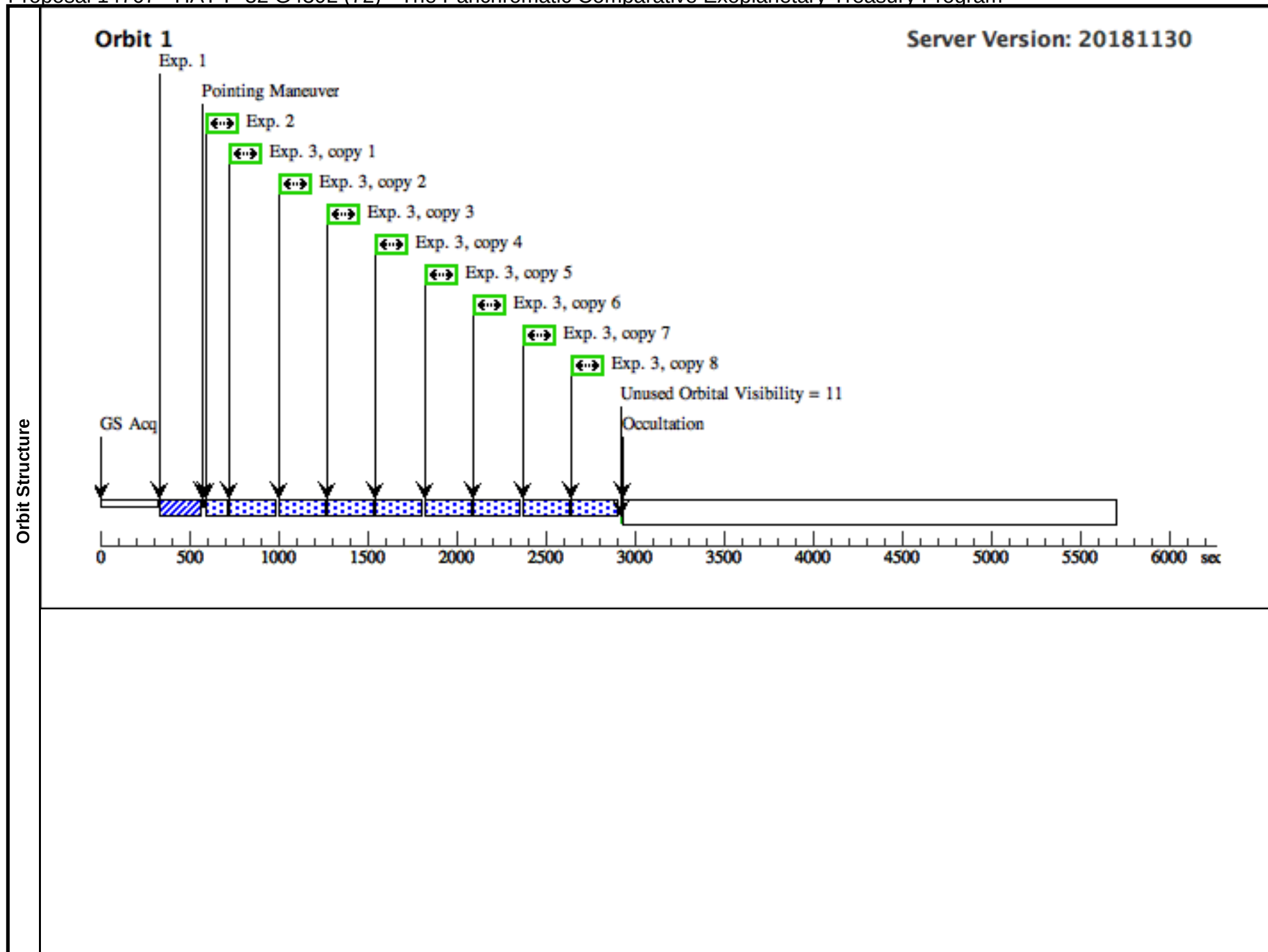
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5294)	(15) HAT-P-32	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9105 TO 0.9190	Sequence 1-3 Non-Int in HAT-P-32 G430L (72)	0.5 Secs (0.5 Secs) [==>]	[1]
	2	HAT-P-32 G430L Orbit 1	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-32 G430L (72)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	HAT-P-32 G430L Orbit 1 (STIS.sp.82 2484)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-32 G430L (72)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	HAT-P-32 G430L Orbit 2	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-32 G430L (72)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	HAT-P-32 G430L Orbit 2 (STIS.sp.82 2484)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-32 G430L (72)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	HAT-P-32 G430L Orbit 3	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in HAT-P-32 G430L (72)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - HAT-P-32 G430L (72) - The Panchromatic Comparative Exoplanetary Treasury Program

7	HAT-P-32 G430L Orbit 3 (STIS.sp.82 2484)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in HAT-P-32 G430 L (72)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	HAT-P-32 G430L Orbit 4	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-32 G430 L (72)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	HAT-P-32 G430L Orbit 4 (STIS.sp.82 2484)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-32 G430 L (72)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	HAT-P-32 G430L Orbit 5	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in HAT-P-32 G430L (72)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	HAT-P-32 G430L Orbit 5 (STIS.sp.82 2484)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in HAT-P-32 G430L (72)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - HAT-P-32 G430L (72) - The Panchromatic Comparative Exoplanetary Treasury Program

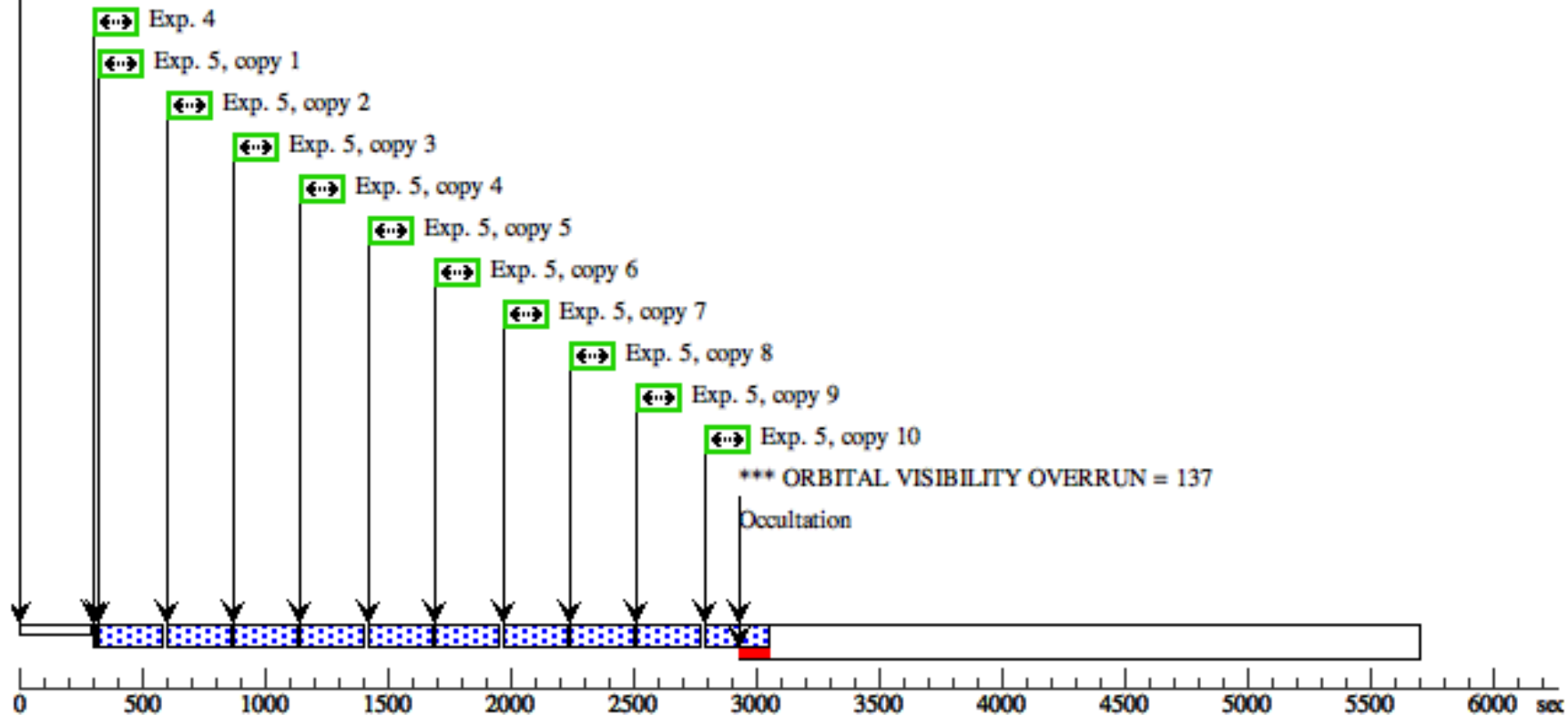
	12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	Sequence 10-12 Non -Int in HAT-P-32 G4 30L (72)	[==>]	[5]
							Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle	



Orbit 2

Server Version: 20181130

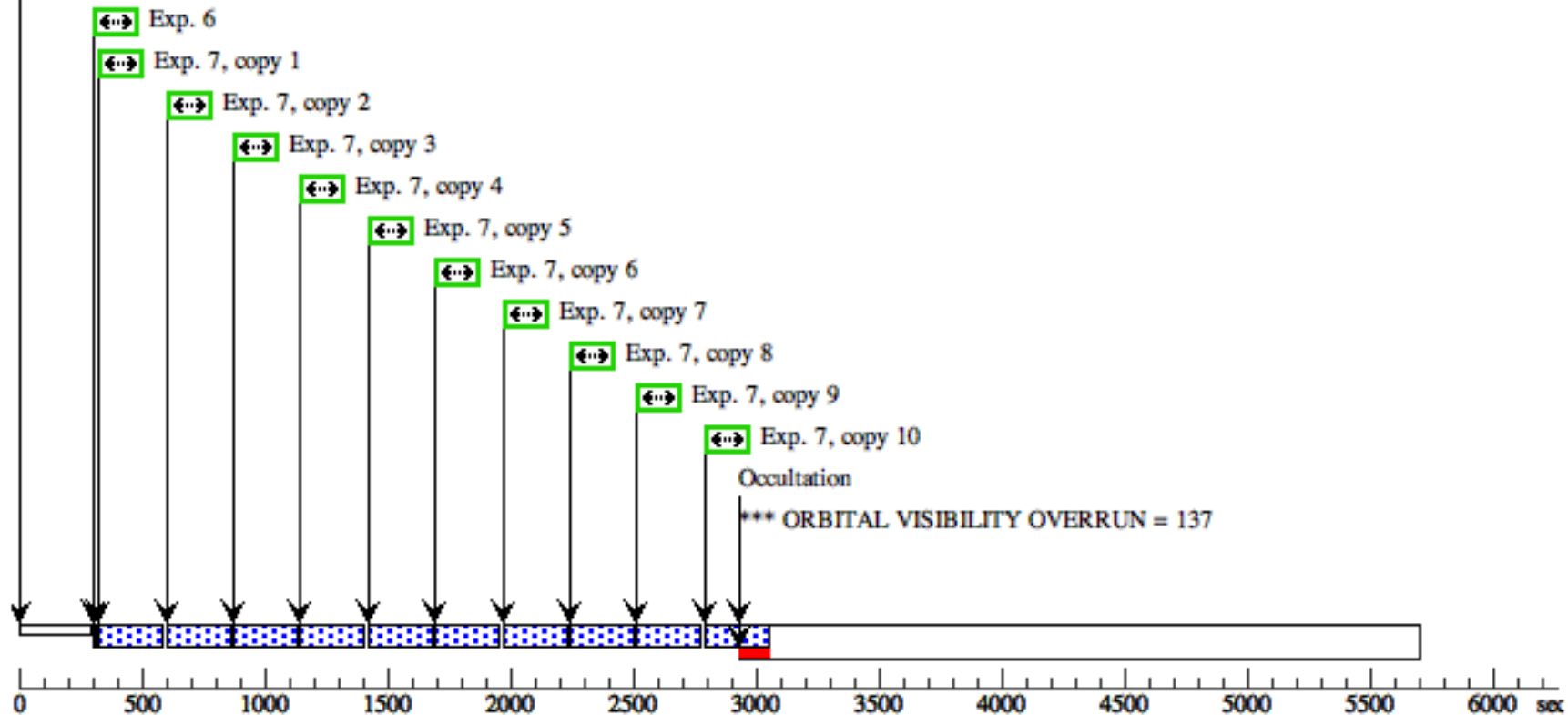
GS Reacq



Orbit 3

Server Version: 20181130

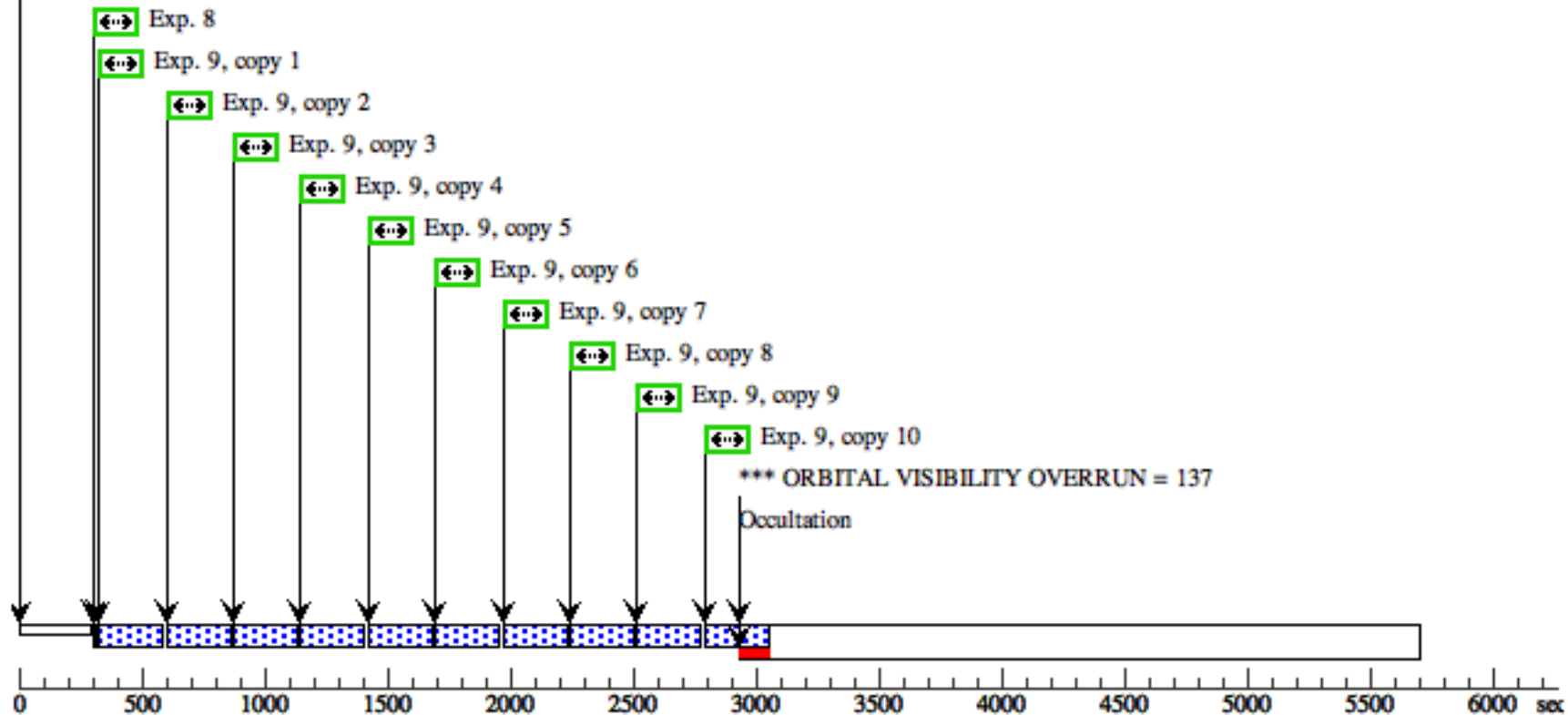
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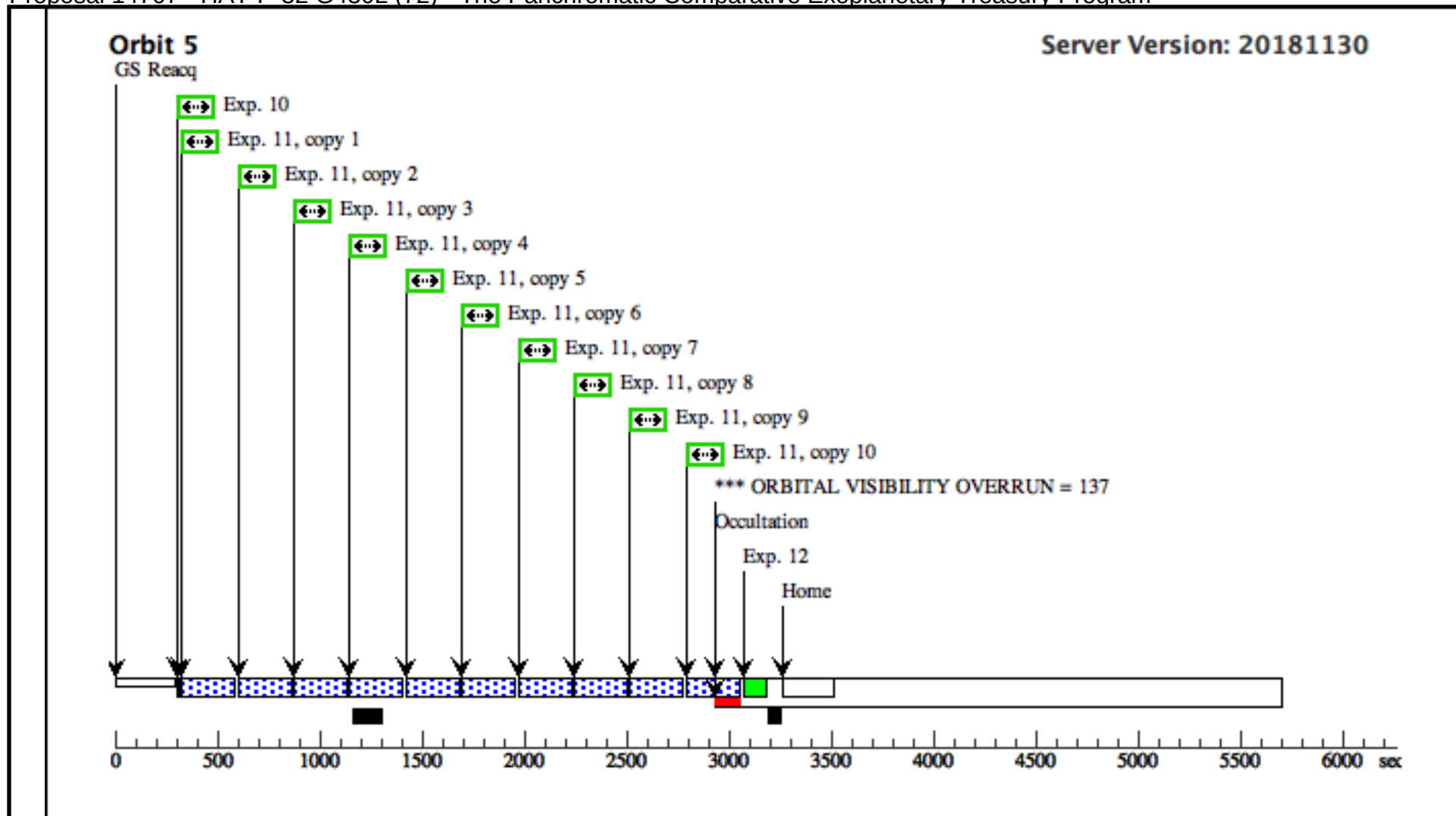


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - HAT-P-32 G430L x2 (73) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-32 G430L x2 (73), completed	Wed Jun 05 15:15:04 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 2.15000825 D AND ZERO-PHASE HJD2454420.44567	
	Comments: Hat-P-32 . G430L. STIS visit. It is essential that the five orbits be scheduled in a coninuuous block.	

Proposal 14767 - HAT-P-32 G430L x2 (73) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - HAT-P-32 G430L x2 (73) - The Panchromatic Comparative Exoplanetary Treasury Program

Fixed Targets	(HAT-P-32 G430L x2 (73)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(15)	HAT-P-32	RA: 02 04 10.2780 (31.0428250d)	Proper Motion RA: -12.3 mas/yr	V=11.29
			Dec: +46 41 16.21 (46.68784d)	Proper Motion Dec: 4.6 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Epoch of Position: 2000	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
Category=STAR					
Description=[EXTRA-SOLAR PLANETARY SYSTEM, G V-IV]					
Extended=NO					

Proposal 14767 - HAT-P-32 G430L x2 (73) - The Panchromatic Comparative Exoplanetary Treasury Program

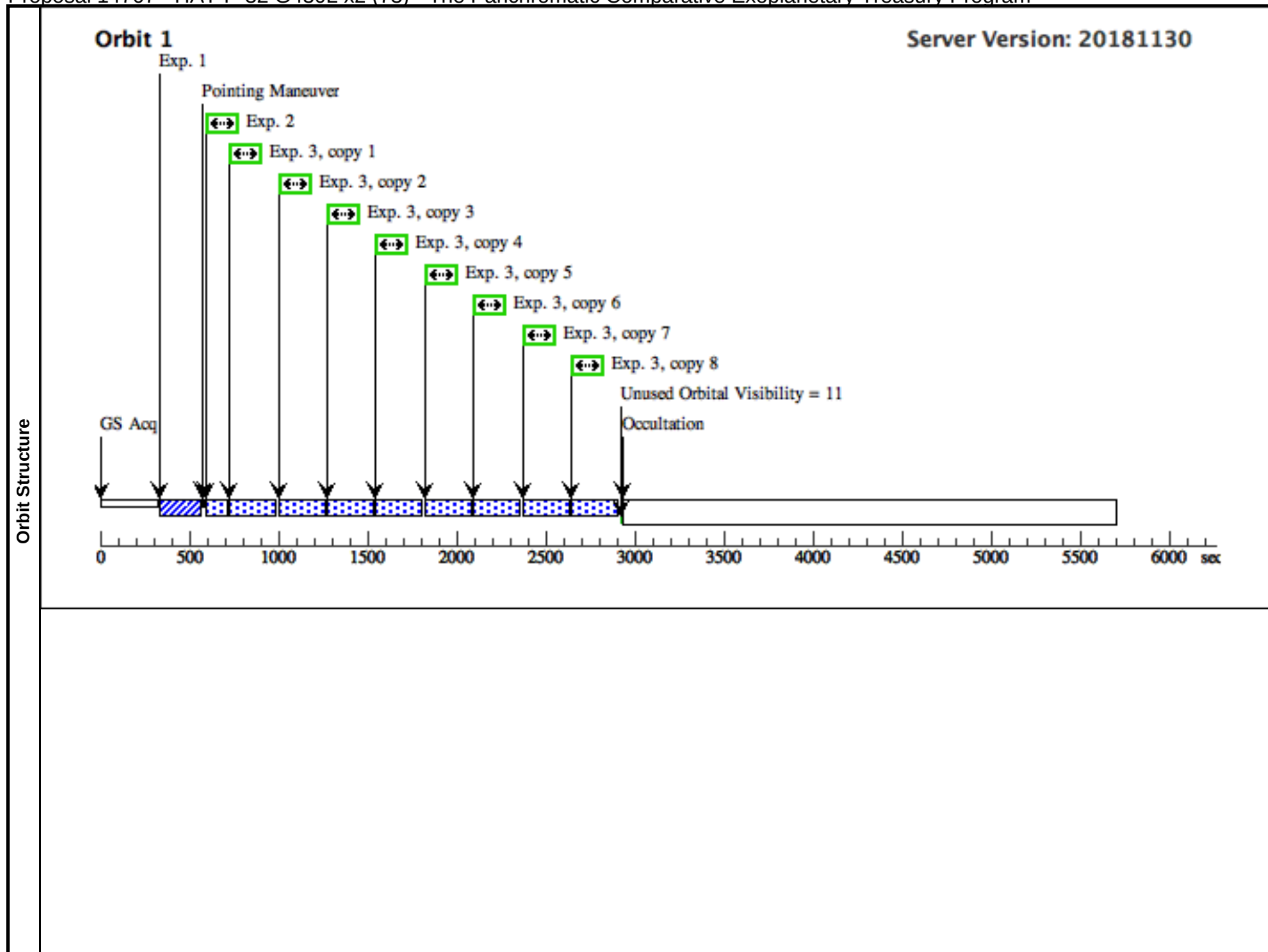
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5294)	(15) HAT-P-32	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9105 TO 0.9190	Sequence 1-3 Non-Int in HAT-P-32 G430L x2 (73)	0.5 Secs (0.5 Secs) [==>]	[1]
	2	HAT-P-32 G430L Orbit 1	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-32 G430L x2 (73)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	HAT-P-32 G430L Orbit 1 (STIS.sp.82 2484)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-32 G430L x2 (73)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	HAT-P-32 G430L Orbit 2	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-32 G430L x2 (73)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	HAT-P-32 G430L Orbit 2 (STIS.sp.82 2484)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-32 G430L x2 (73)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	HAT-P-32 G430L Orbit 3	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in HAT-P-32 G430L x2 (73)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - HAT-P-32 G430L x2 (73) - The Panchromatic Comparative Exoplanetary Treasury Program

7	HAT-P-32 G430L Orbit 3 (STIS.sp.82 2484)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in HAT-P-32 G430 L x2 (73)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	HAT-P-32 G430L Orbit 4	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-32 G430 L x2 (73)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	HAT-P-32 G430L Orbit 4 (STIS.sp.82 2484)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-32 G430 L x2 (73)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	HAT-P-32 G430L Orbit 5	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in HAT-P-32 G430L x2 (73)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	HAT-P-32 G430L Orbit 5 (STIS.sp.82 2484)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in HAT-P-32 G430L x2 (73)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - HAT-P-32 G430L x2 (73) - The Panchromatic Comparative Exoplanetary Treasury Program

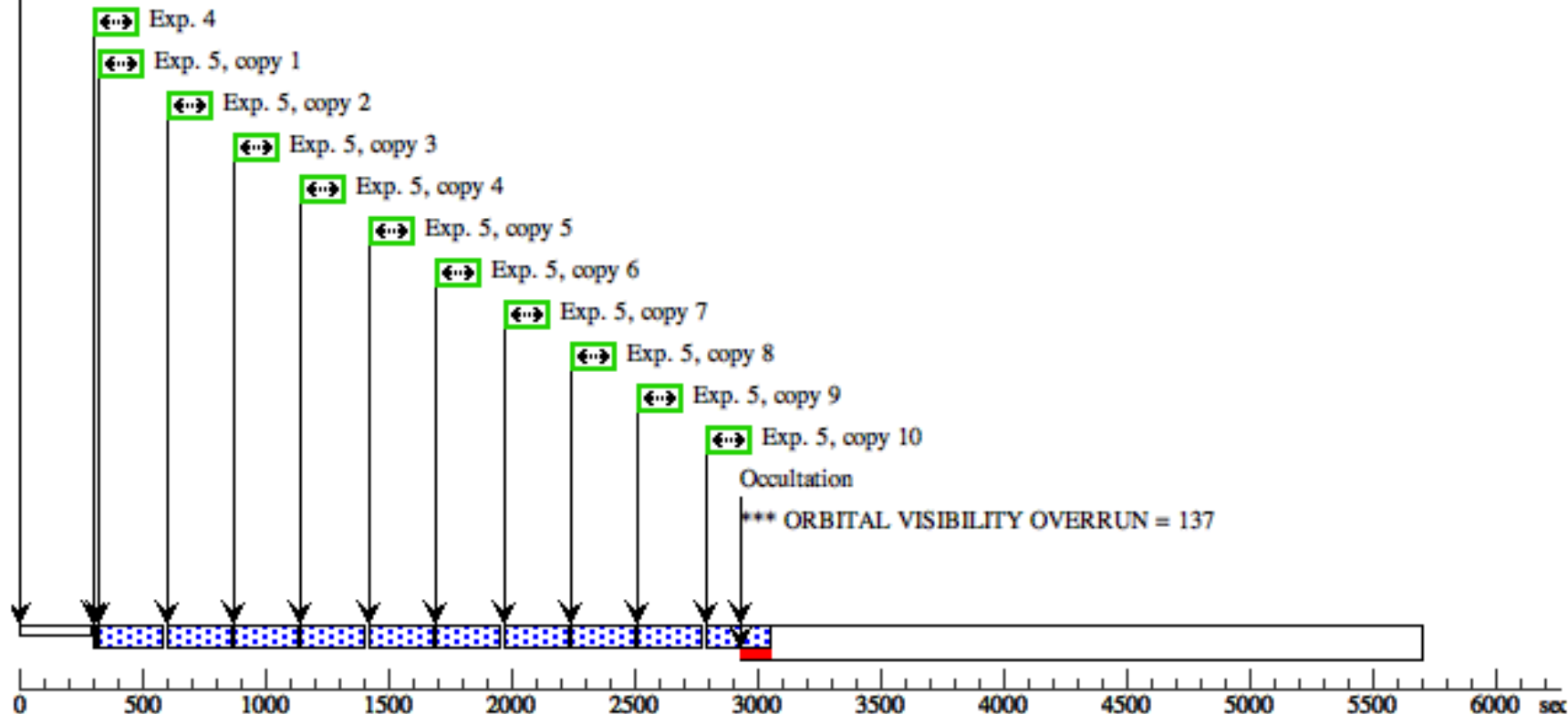
	12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	Sequence 10-12 Non -Int in HAT-P-32 G4 30L x2 (73)	[==>]	[5]
							Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle	



Orbit 2

Server Version: 20181130

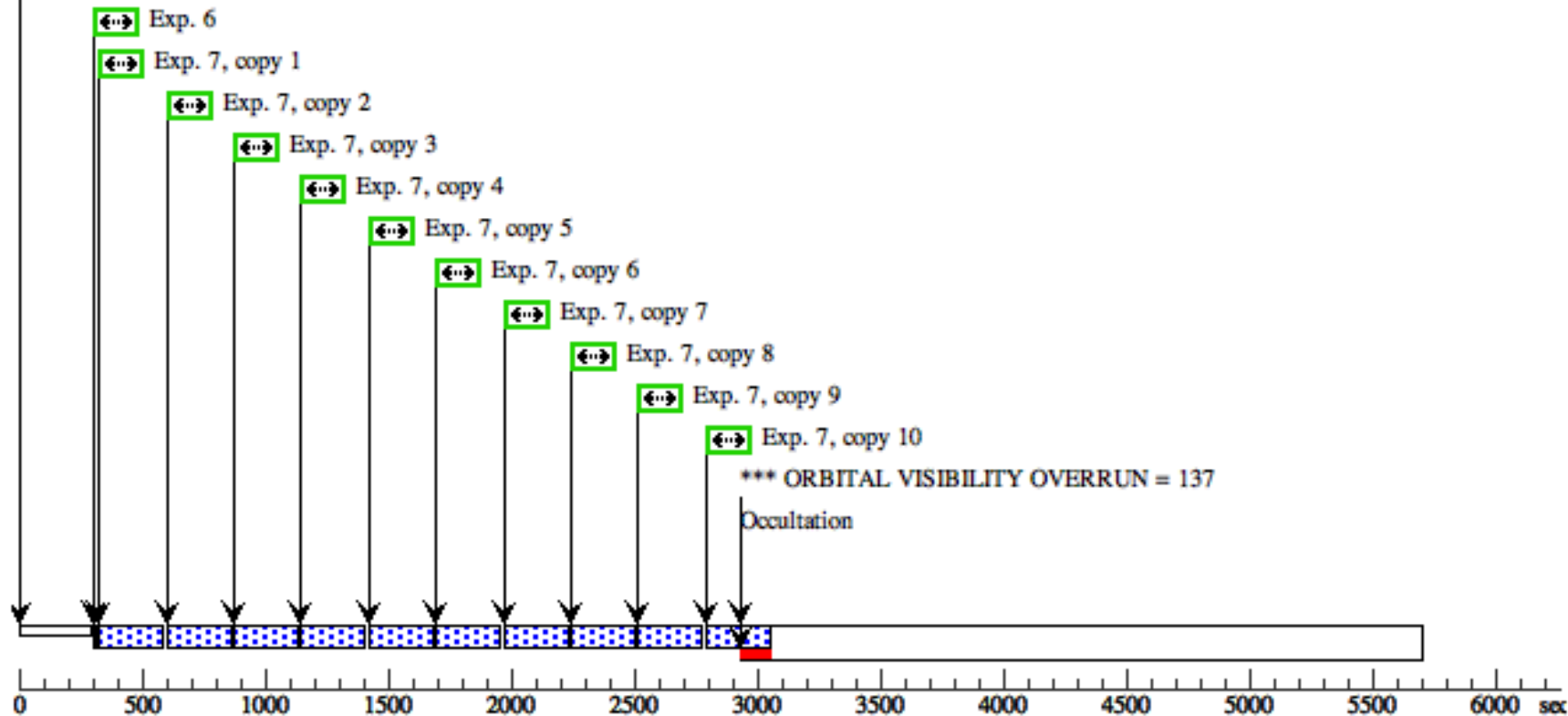
GS Reacq



Orbit 3

Server Version: 20181130

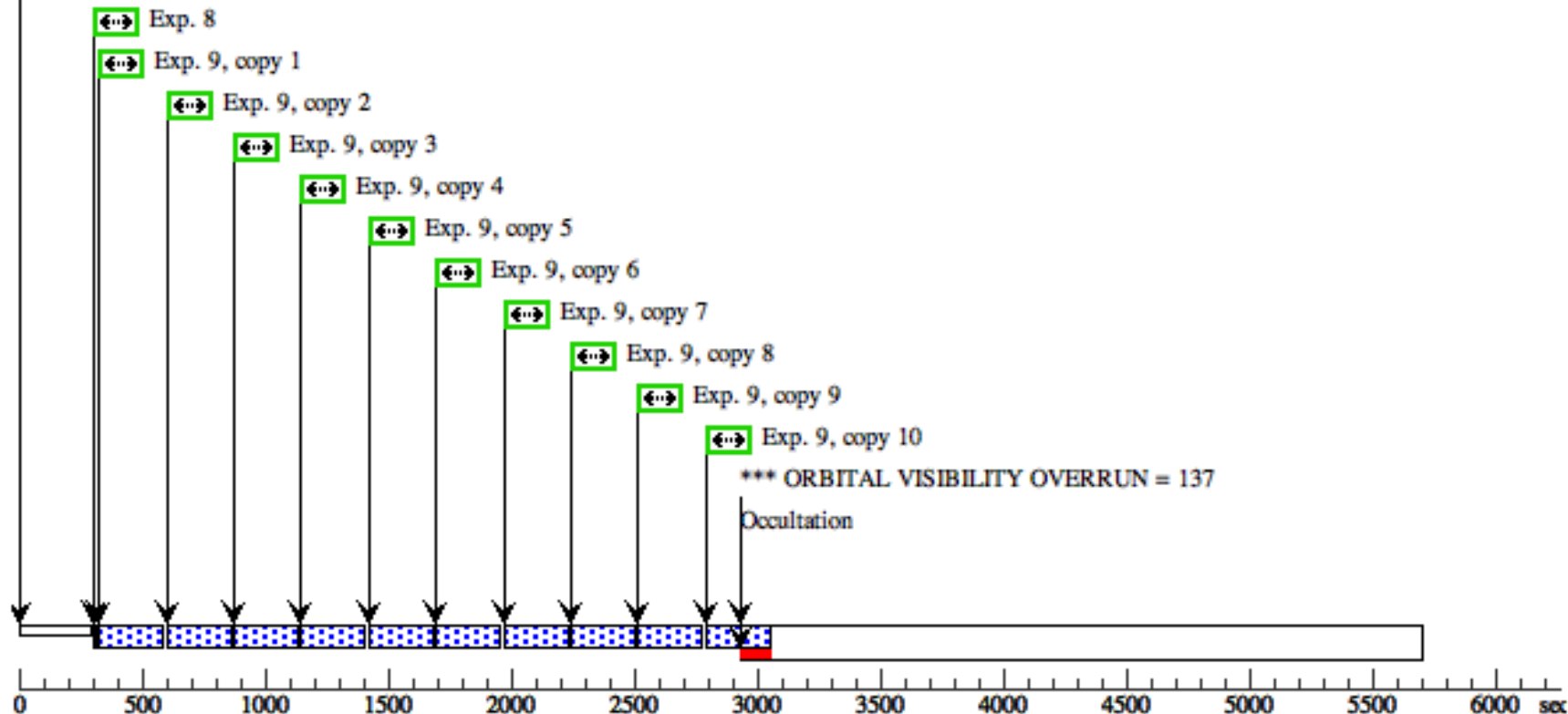
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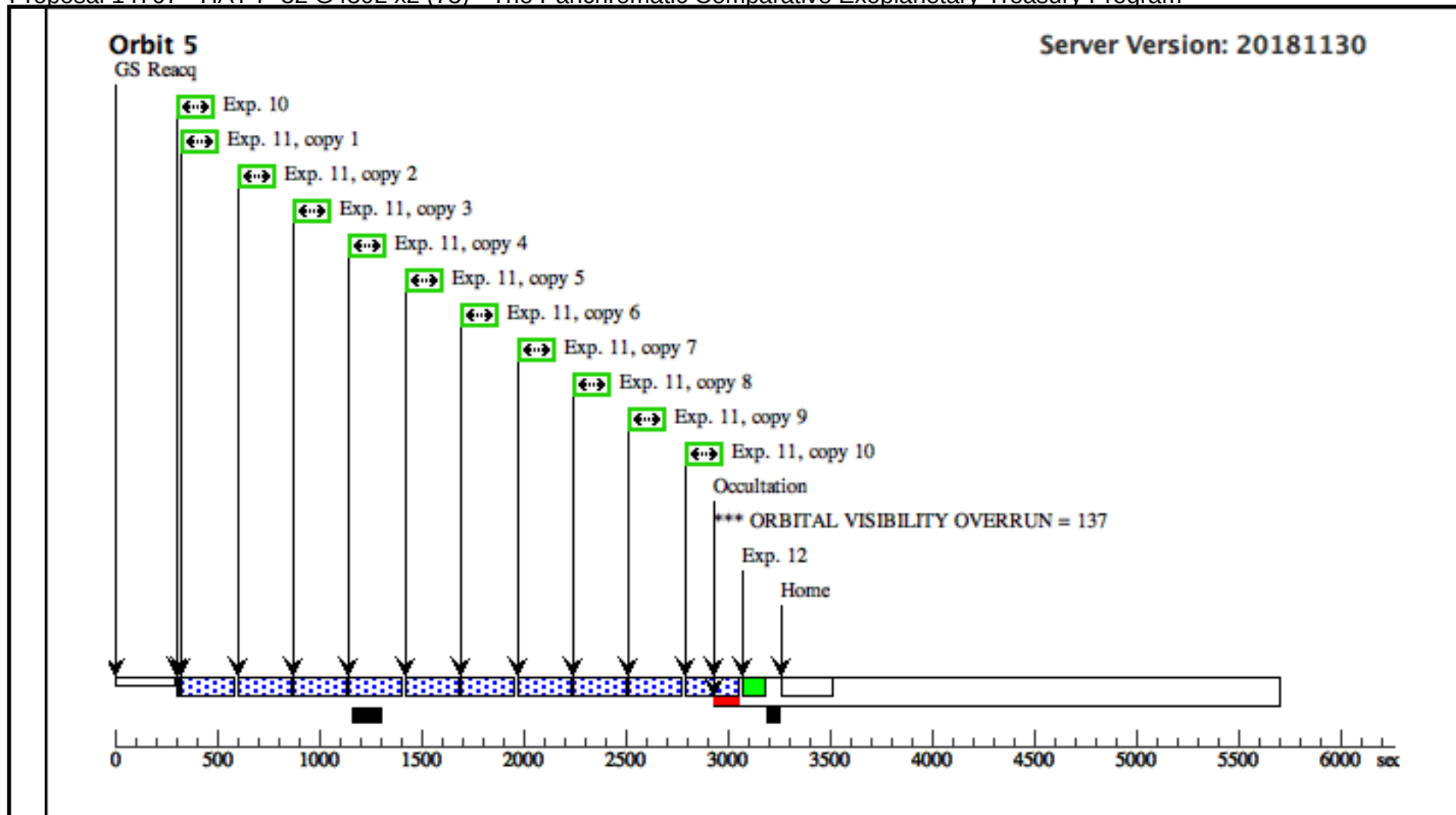


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - HAT-P-32 G750L (74) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-32 G750L (74), completed	Wed Jun 05 15:15:05 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 2.15000825 D AND ZERO-PHASE HJD2454420.44567	
	Comments: HAT-P-32. G750L. STIS visit. It is essential that the five orbits be scheduled in a continuous block.	

[illegible]

Proposal 14767 - HAT-P-32 G750L (74) - The Panchromatic Comparative Exoplanetary Treasury Program

(HAT-P-32 G750L (74)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
(HAT-P-32 G750L (74)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	HAT-P-32	RA: 02 04 10.2780 (31.0428250d)	Proper Motion RA: -12.3 mas/yr	V=11.29	Reference Frame: ICRS
			Dec: +46 41 16.21 (46.68784d)	Proper Motion Dec: 4.6 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, G V-IV] Extended=NO					

Proposal 14767 - HAT-P-32 G750L (74) - The Panchromatic Comparative Exoplanetary Treasury Program

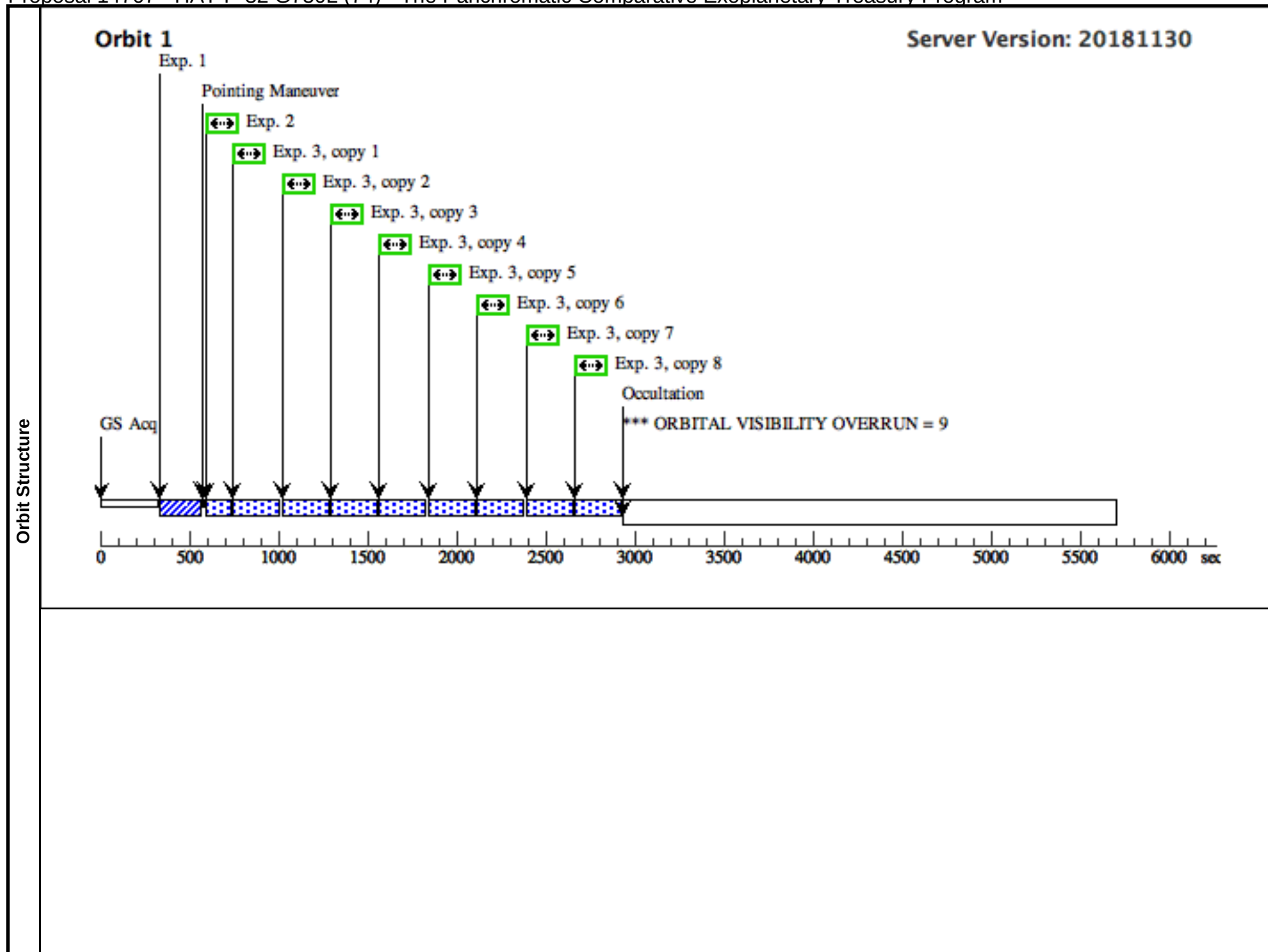
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5294)	(15) HAT-P-32	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.9105 TO 0.9190	Sequence 1-3 Non-Int in HAT-P-32 G750 L (74)	0.5 Secs (0.5 Secs) [==>]	[1]
	2	HAT-P-32 G750L Orbit 1	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-32 G750 L (74)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	HAT-P-32 G750L Orbit 1 (STIS.sp.82 2498)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-32 G750 L (74)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	HAT-P-32 G750L Orbit 2	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-32 G750 L (74)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	HAT-P-32 G750L Orbit 2 (STIS.sp.82 2498)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-32 G750 L (74)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	HAT-P-32 G750L Orbit 3	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in HAT-P-32 G750 L (74)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - HAT-P-32 G750L (74) - The Panchromatic Comparative Exoplanetary Treasury Program

7	HAT-P-32 G750L Orbit 3 (STIS.sp.82 2498)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in HAT-P-32 G750 L (74)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	HAT-P-32 G750L Orbit 4	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-32 G750 L (74)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	HAT-P-32 G750L Orbit 4 (STIS.sp.82 2498)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-32 G750 L (74)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	HAT-P-32 G750L Orbit 5	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in HAT-P-32 G750L (74)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	HAT-P-32 G750L Orbit 5 (STIS.sp.82 2498)	(15) HAT-P-32	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in HAT-P-32 G750L (74)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - HAT-P-32 G750L (74) - The Panchromatic Comparative Exoplanetary Treasury Program

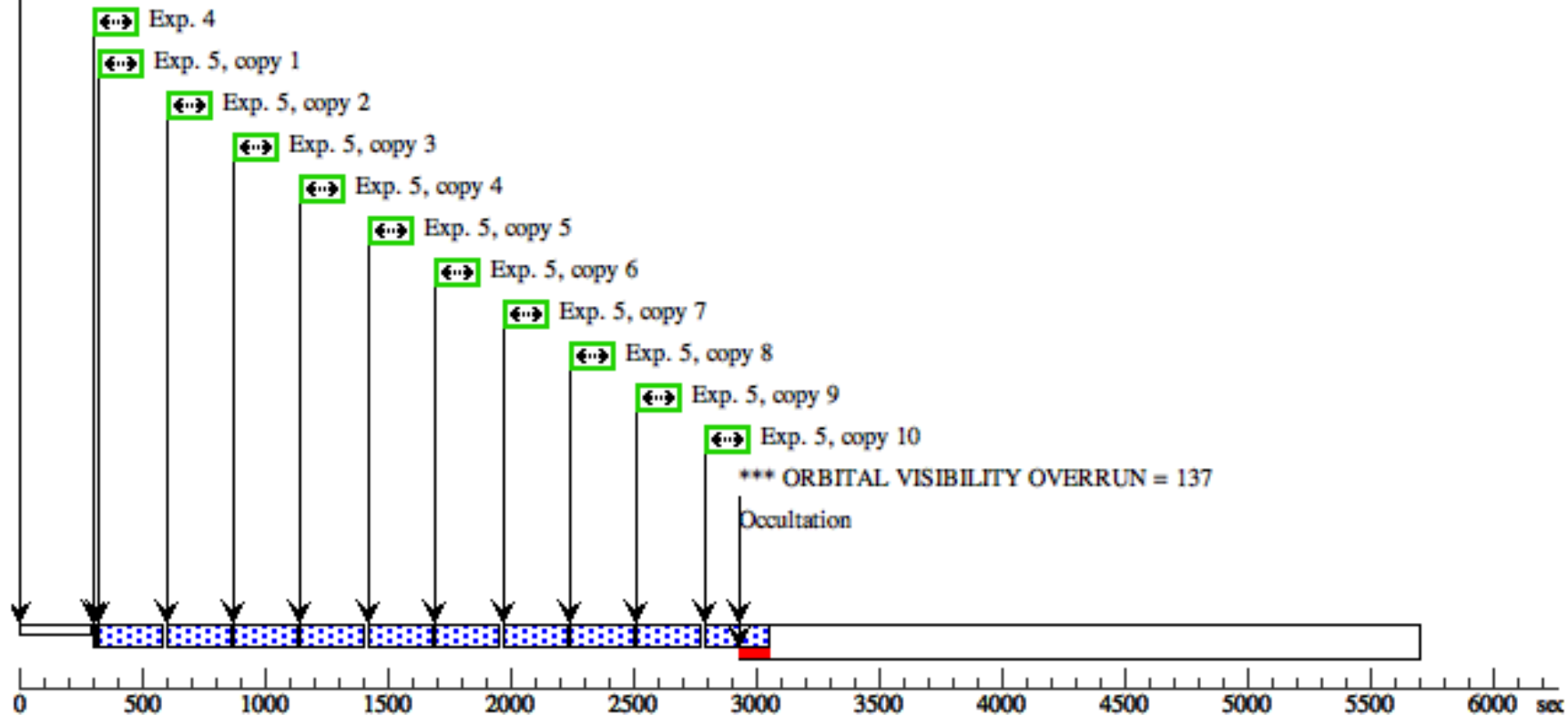
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	Sequence 10-14 Non -Int in HAT-P-32 G7 50L (74)	[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>							
13	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	Sequence 10-14 Non -Int in HAT-P-32 G7 50L (74)	[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	Sequence 10-14 Non -Int in HAT-P-32 G7 50L (74)	240 Secs X 4 (960 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]
<i>Comments: Expected peak count level = 50,000 e-</i>							



Orbit 2

Server Version: 20181130

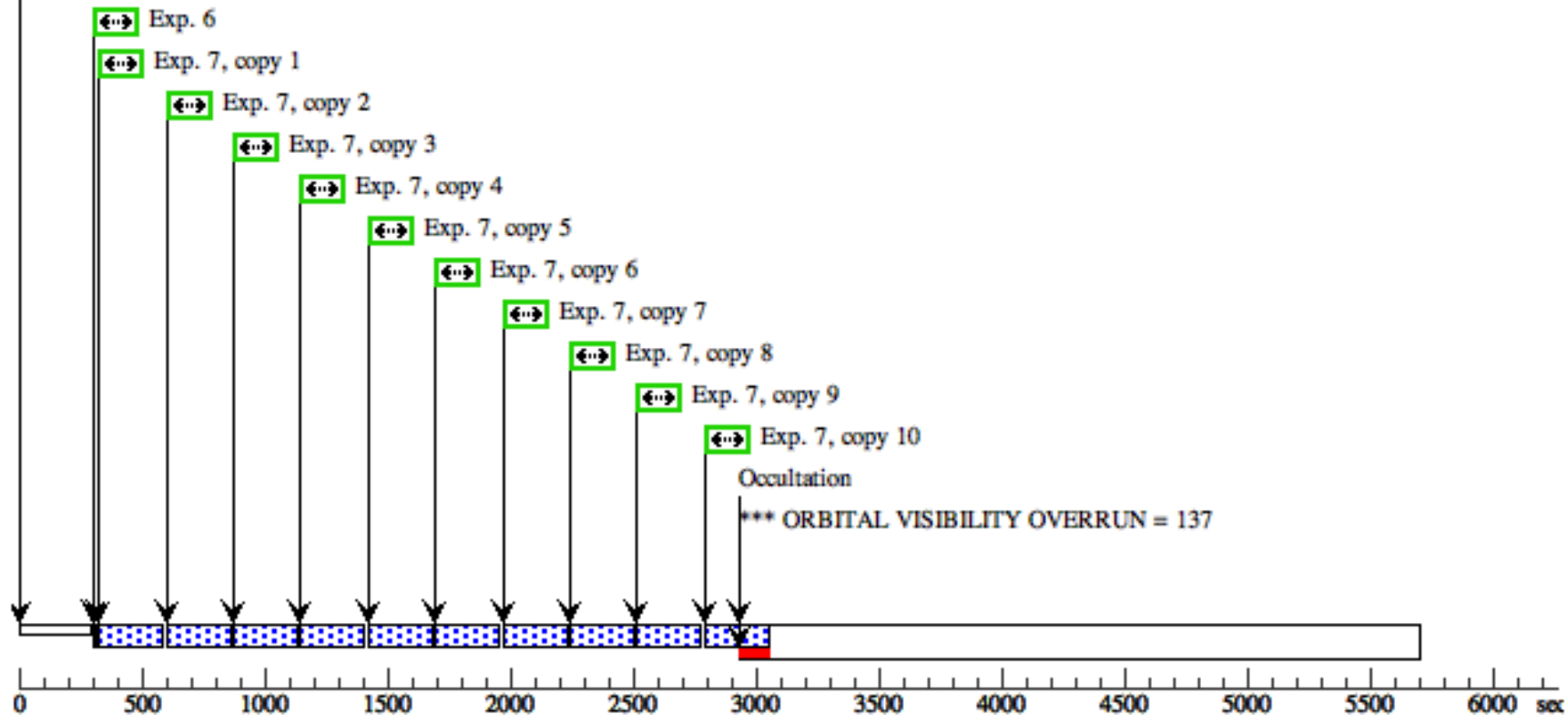
GS Reacq



Orbit 3

Server Version: 20181130

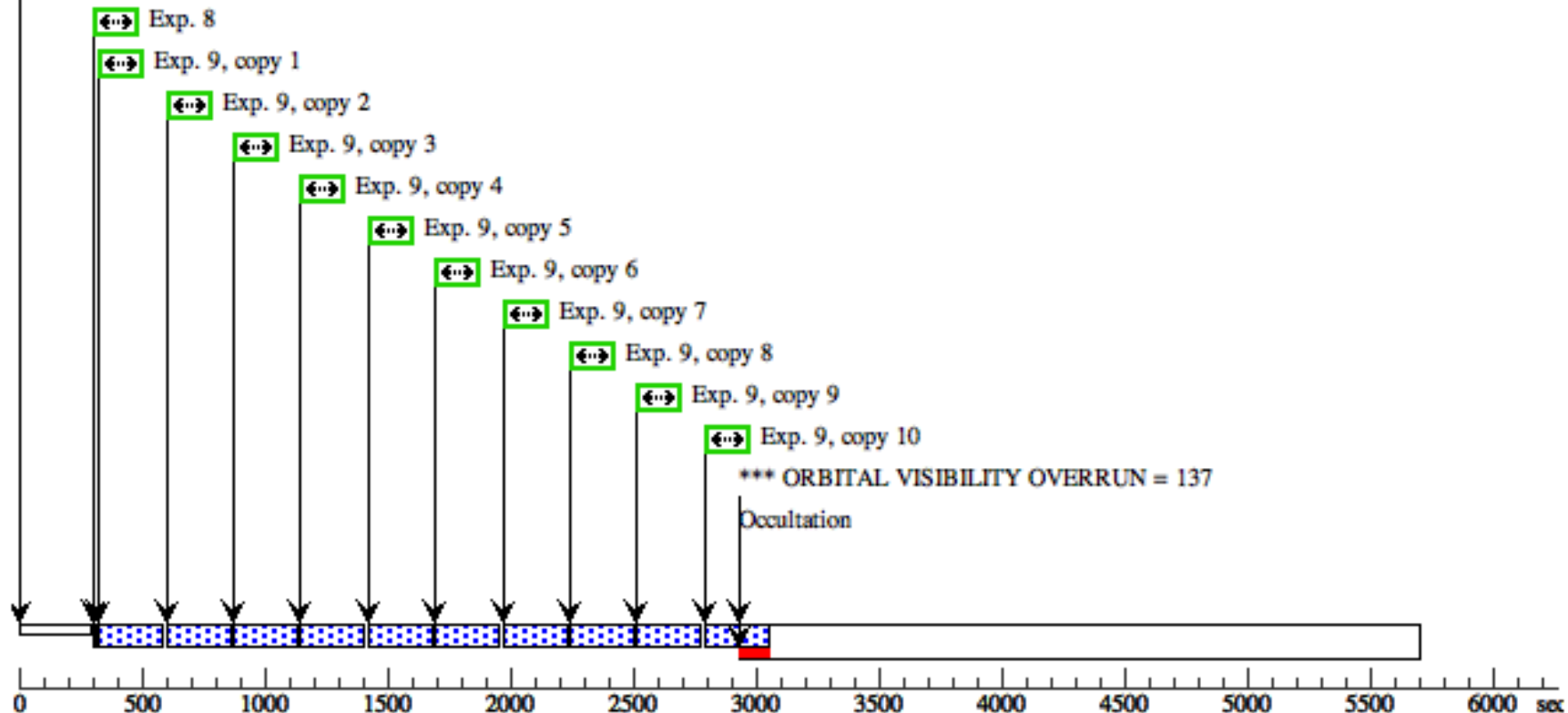
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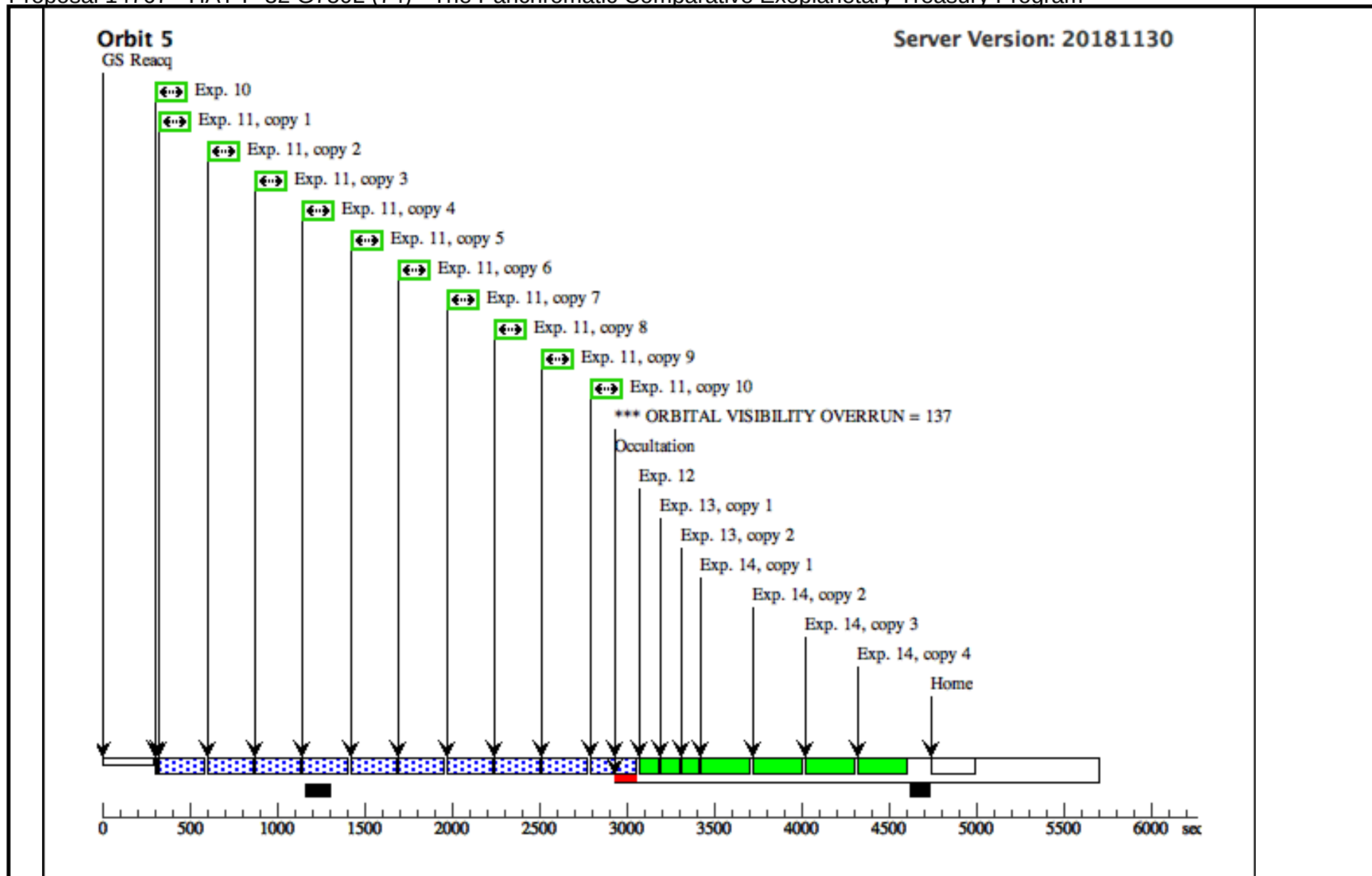


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - HAT-P-32 WFC3 eclipse (75) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-32 WFC3 eclipse (75), completed					Wed Jun 05 15:15:05 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR					
	Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; ORIENT 35D TO 95 D; ORIENT 215D TO 275 D; Period 2.15000825 D AND ZERO-PHASE HJD2454420.44567					
	Comments: It is essential that the five orbits be scheduled in a coninuuous block.					
Diagnostics	(HAT-P-32 WFC3 eclipse (75)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-32 WFC3 eclipse (75)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-32 WFC3 eclipse (75)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-32 WFC3 eclipse (75)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-32 WFC3 eclipse (75)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	HAT-P-32	RA: 02 04 10.2780 (31.0428250d)	Proper Motion RA: -12.3 mas/yr	V=11.29	Reference Frame: ICRS
			Dec: +46 41 16.21 (46.68784d)	Proper Motion Dec: 4.6 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, G V-IV]					
	Extended=NO					

Proposal 14767 - HAT-P-32 WFC3 eclipse (75) - The Panchromatic Comparative Exoplanetary Treasury Program

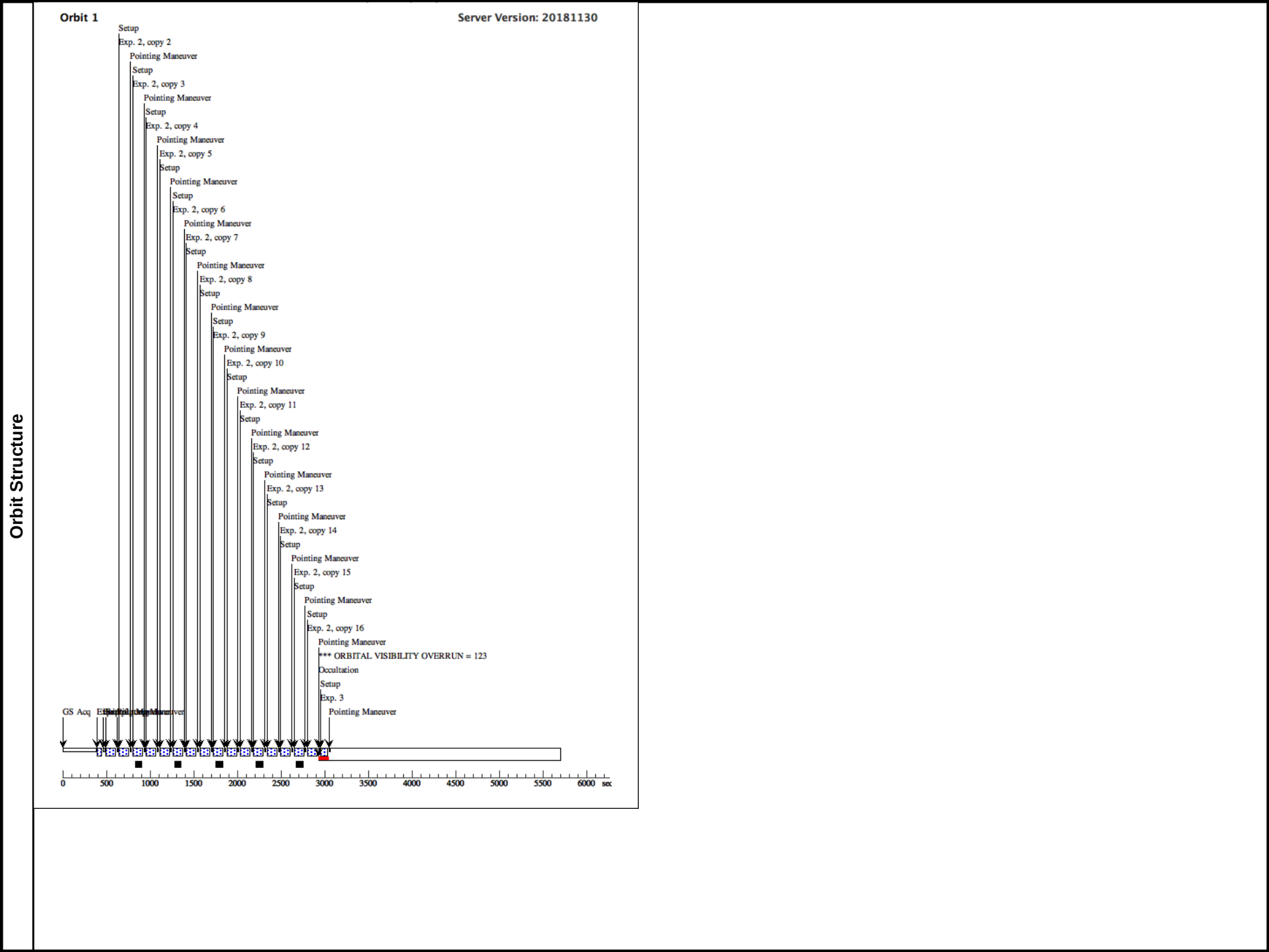
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(15) HAT-P-32	WFC3/IR, MULTIACCUM, GRISM256	F139M	NSAMP=5; SAMP-SEQ=SPARS10	POS TARG 0.0,0.0; PHASE 0.4094 TO 0.4218	Sequence 1-3 Non-Int in HAT-P-32 WFC3 eclipse (75)	29.663763 Secs (29.664 Secs) [==>]	[1]
	Comments: The Filter image aperture has been changed to the GRISM256 from IRSUB256 to match the correct procedures as described in the handbook and obtain the correct wavelength calibration position.									
	2		(15) HAT-P-32	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS10; NSAMP=13	POS TARG 0.0,-12; SPATIAL SCAN 0.0 5,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HAT-P-32 WFC3 eclipse (75)	88.435659 Secs X 16 (1414.971 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)]	[1]
	3		(15) HAT-P-32	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS10; NSAMP=9	POS TARG 0.0,-12; SPATIAL SCAN 0.0 5,90.0 Degrees,Forward	Sequence 1-3 Non-Int in HAT-P-32 WFC3 eclipse (75)	59.049711 Secs (59.05 Secs) [==>]	[1]

Proposal 14767 - HAT-P-32 WFC3 eclipse (75) - The Panchromatic Comparative Exoplanetary Treasury Program

4	(15) HAT-P-32	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=13	POS TARG 0.0,-12; SPATIAL SCAN 0.0 5,90.0 Degrees,Forward	Sequence 4-4 Non-Int in HAT-P-32 WFC 3 eclipse (75)	88.435659 Secs X 18 (1591.842 Secs)	[2]
							[==>(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)]	
5	(15) HAT-P-32	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=13	POS TARG 0.0,-12; SPATIAL SCAN 0.0 5,90.0 Degrees,Forward	Sequence 5-5 Non-Int in HAT-P-32 WFC 3 eclipse (75)	88.435659 Secs X 18 (1591.842 Secs)	[3]
							[==>(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)]	

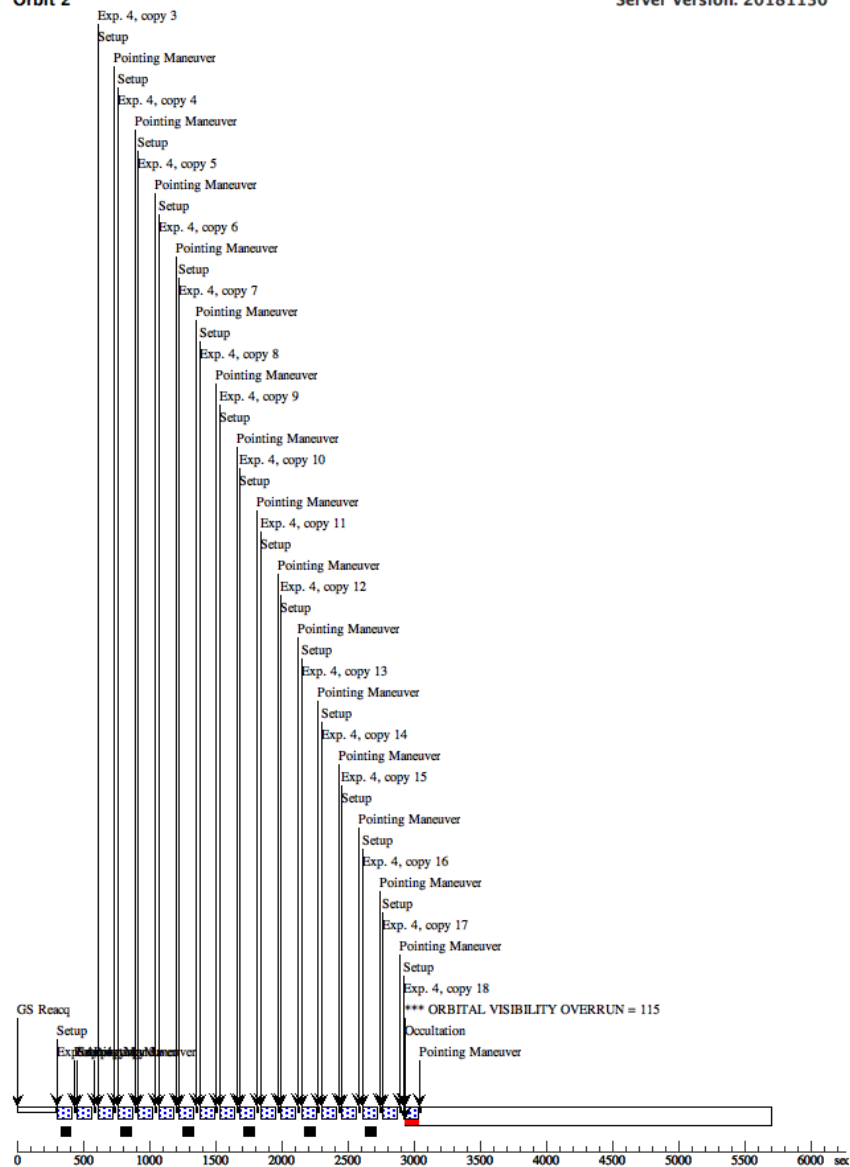
Proposal 14767 - HAT-P-32 WFC3 eclipse (75) - The Panchromatic Comparative Exoplanetary Treasury Program

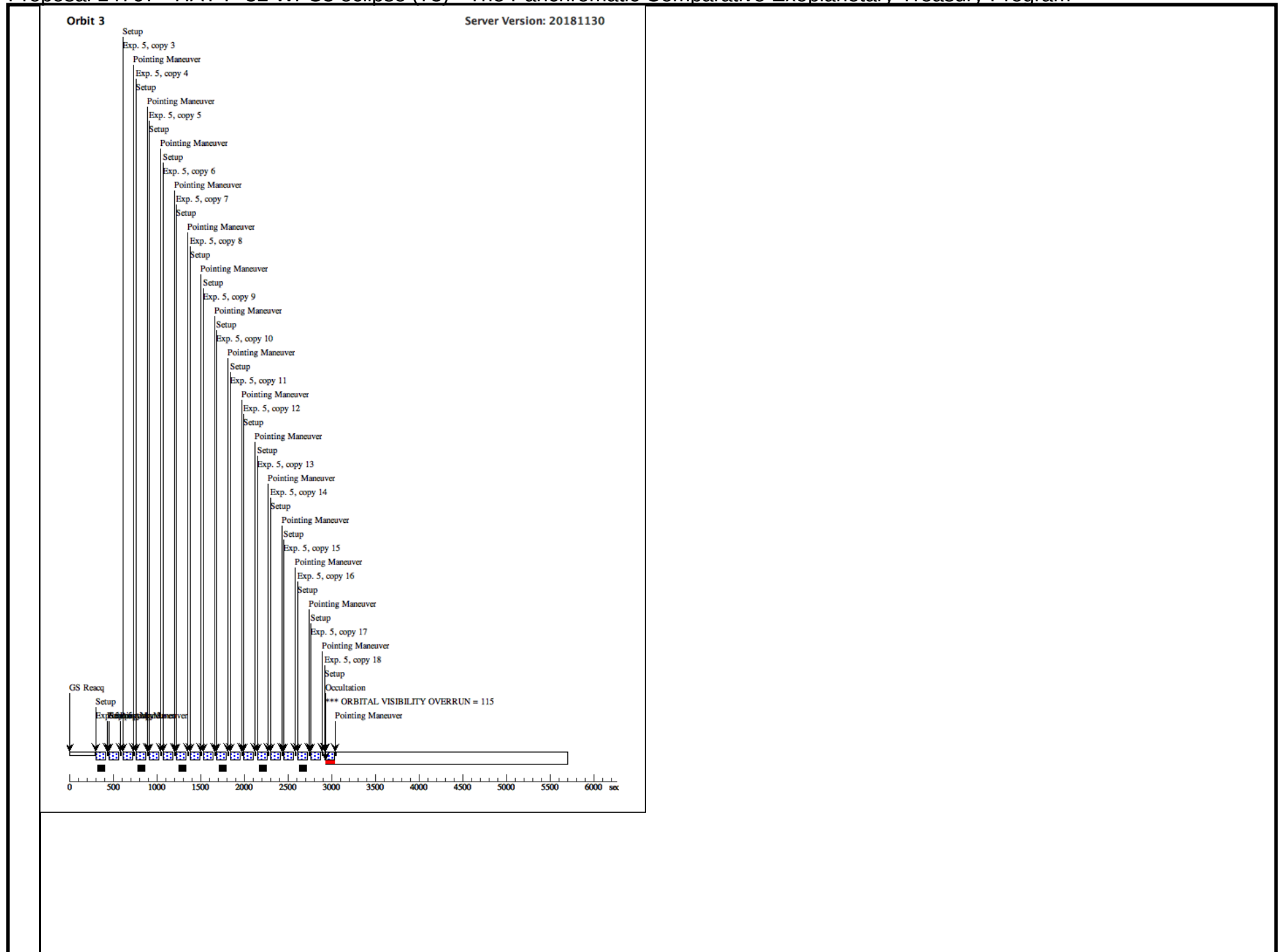
6	(15) HAT-P-32	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=13	POS TARG 0.0,-12; SPATIAL SCAN 0.0 5,90.0 Degrees,Forward	Sequence 6-6 Non-Int in HAT-P-32 WFC 3 eclipse (75)	88.435659 Secs X 18 (1591.842 Secs)	
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(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)]	[4]
7	(15) HAT-P-32	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=13	POS TARG 0.0,-12; SPATIAL SCAN 0.0 5,90.0 Degrees,Forward	Sequence 7-7 Non-Int in HAT-P-32 WFC 3 eclipse (75)	88.435659 Secs X 18 (1591.842 Secs)	
							[==>(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)]	[5]

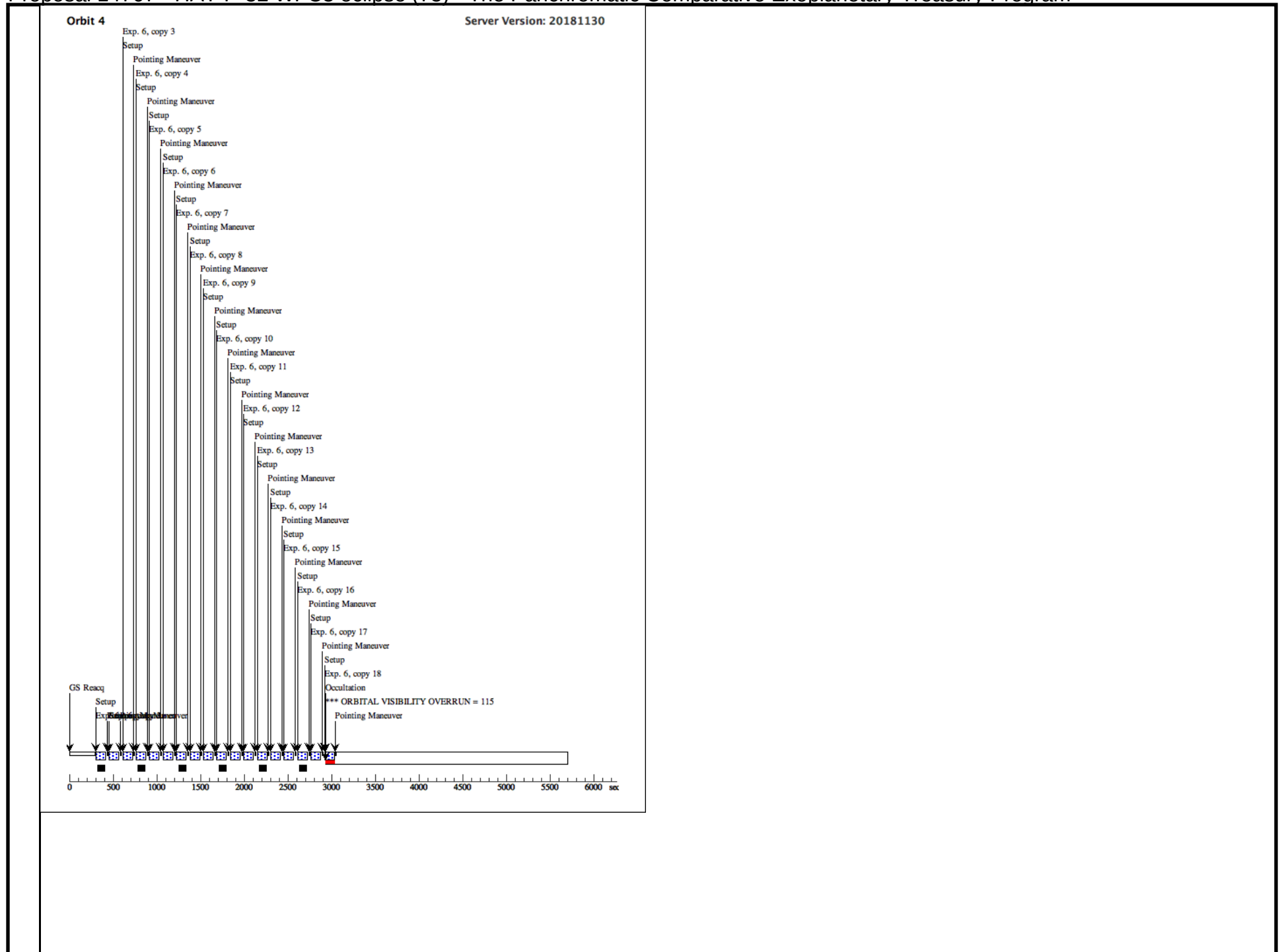


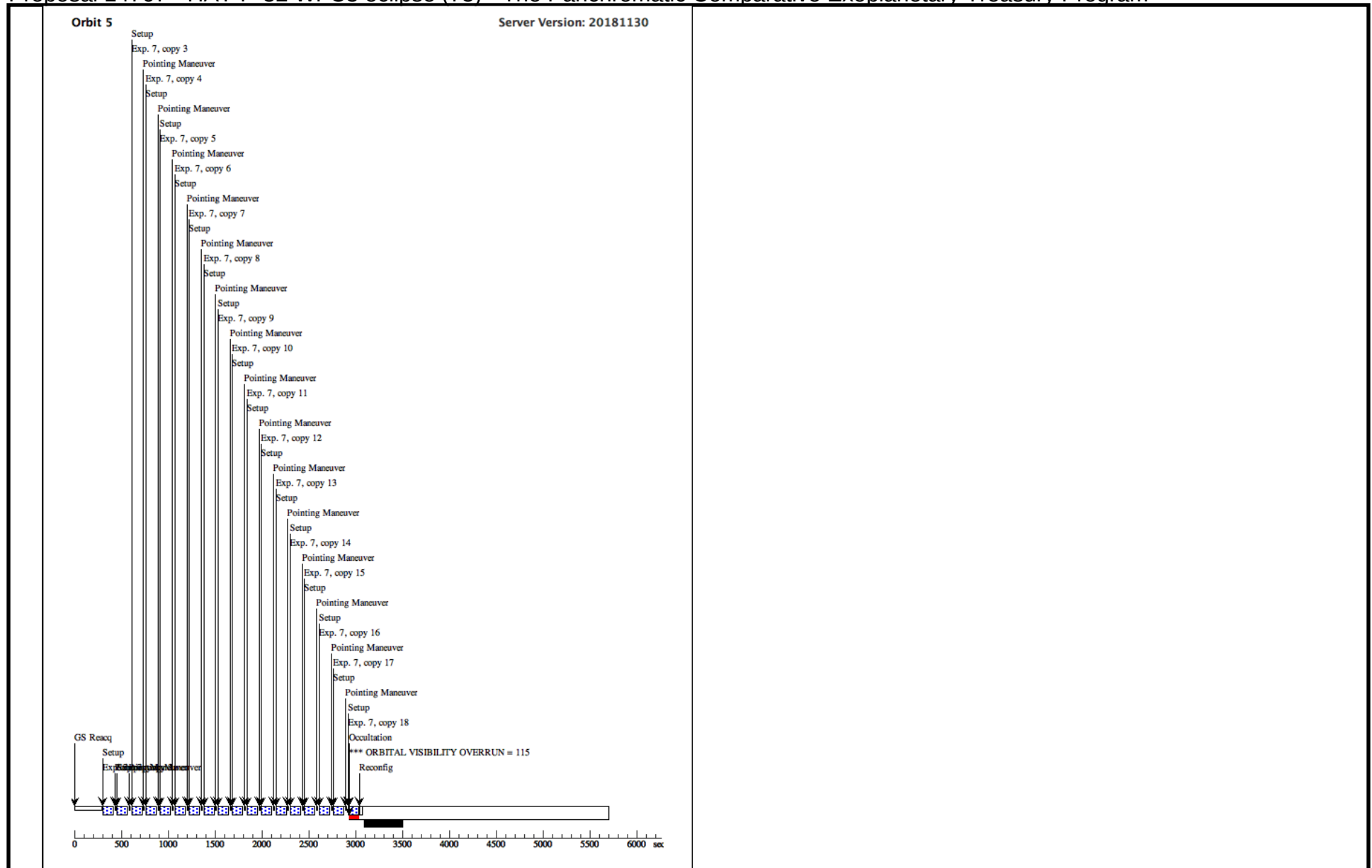
Orbit 2

Server Version: 20181130









Proposal 14767 - WASP-74 G430L (76) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-74 G430L (76), completed	Wed Jun 05 15:15:05 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 2.13775 D AND ZERO-PHASE HJD2456506.8918	
	Comments: WASP-74. G430L. STIS visit. It is essential that the four orbits be scheduled in a continuous block.	

Proposal 14767 - WASP-74 G430L (76) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-74 G430L (76) - The Panchromatic Comparative Exoplanetary Treasury Program

(WASP-74 G430L (76)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-74 G430L (76)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-74 G430L (76)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-74 G430L (76)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-74 G430L (76)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-74 G430L (76)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-74 G430L (76)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-74 G430L (76)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-74 G430L (76)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(WASP-74 G430L (76)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(16)	WASP-74	RA: 20 18 9.3241 (304.5388504d)	Proper Motion RA: 1.6 mas/yr	V=9.7
			Dec: -01 04 32.62 (-1.07573d)	Proper Motion Dec: -64.4 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.				
	Category=STAR				
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]				
	Extended=NO				

Proposal 14767 - WASP-74 G430L (76) - The Panchromatic Comparative Exoplanetary Treasury Program

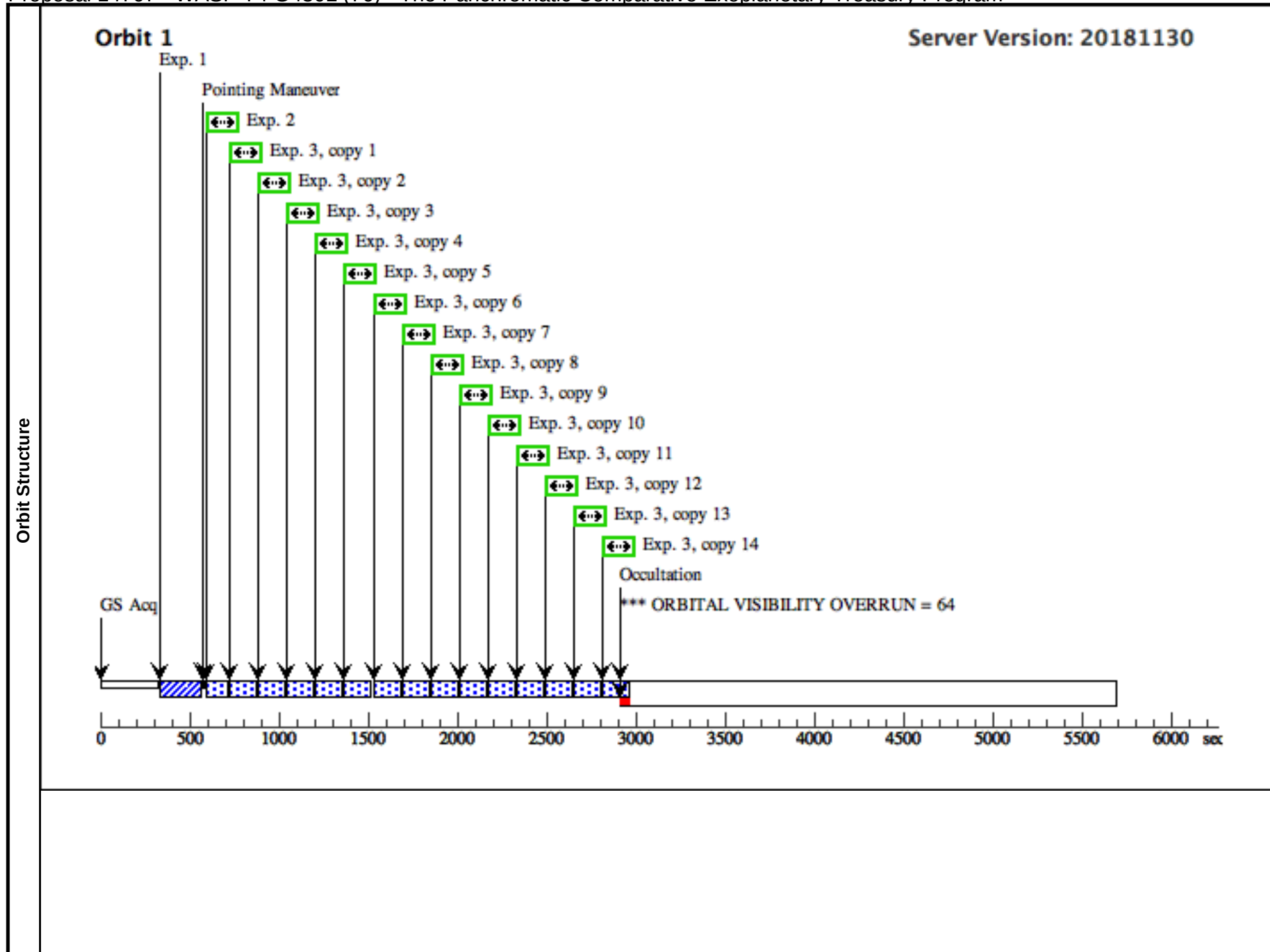
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5295)	(16) WASP-74	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.926 TO 0.934	Sequence 1-3 Non-Int in WASP-74 G430L (76)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.36 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.75, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	WASP-74 G 430L Orbit 1	(16) WASP-74	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-74 G430L (76)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
Exposures	3	WASP-74 G 430L Orbit 1 (STIS.sp.82 2572)	(16) WASP-74	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-74 G430L (76)	140 Secs X 14 (1960 Secs) [==>(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)]	[1]
	4	WASP-74 G 430L Orbit 2	(16) WASP-74	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-74 G430L (76)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-74 G430L (76) - The Panchromatic Comparative Exoplanetary Treasury Program

5	WASP-74 G (16) WASP-74 430L Orbit 2 (STIS.sp.82 2572)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 4-5 Non-In t in WASP-74 G430 L (76)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
6	WASP-74 G (16) WASP-74 430L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-In t in WASP-74 G430 L (76)	1 Secs (1 Secs) [==>]	[3]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
7	WASP-74 G (16) WASP-74 430L Orbit 3 (STIS.sp.82 2572)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-In t in WASP-74 G430 L (76)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[3]

Proposal 14767 - WASP-74 G430L (76) - The Panchromatic Comparative Exoplanetary Treasury Program

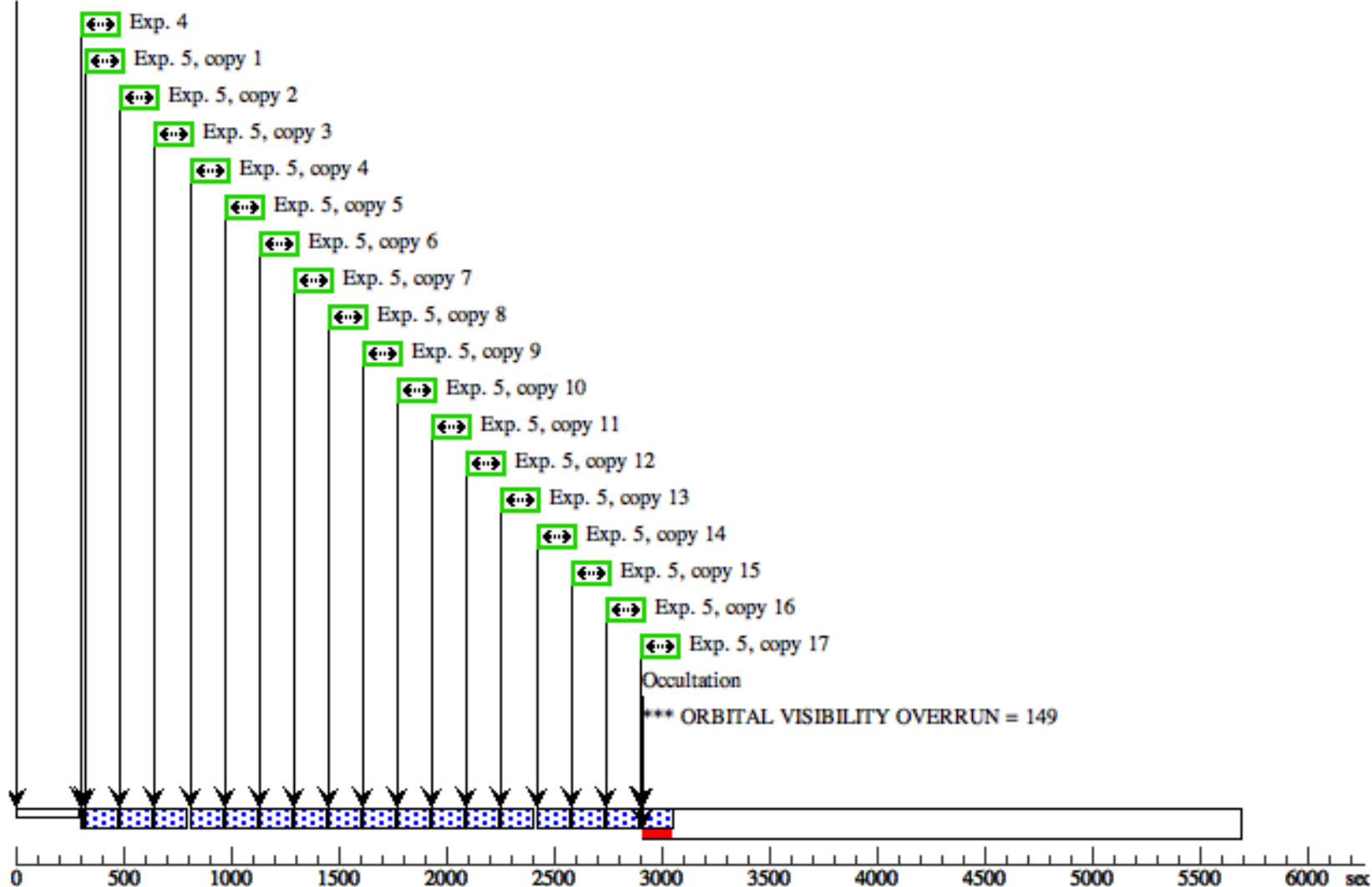
8	WASP-74 G (16) WASP-74 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-10 Non-I nt in WASP-74 G43 0L (76)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-74 G (16) WASP-74 430L Orbit 4 (STIS.sp.82 2572)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-10 Non-I nt in WASP-74 G43 0L (76)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]
10	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		Sequence 8-10 Non-I nt in WASP-74 G43 0L (76)	[==>]	[4]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>							



Orbit 2

Server Version: 20181130

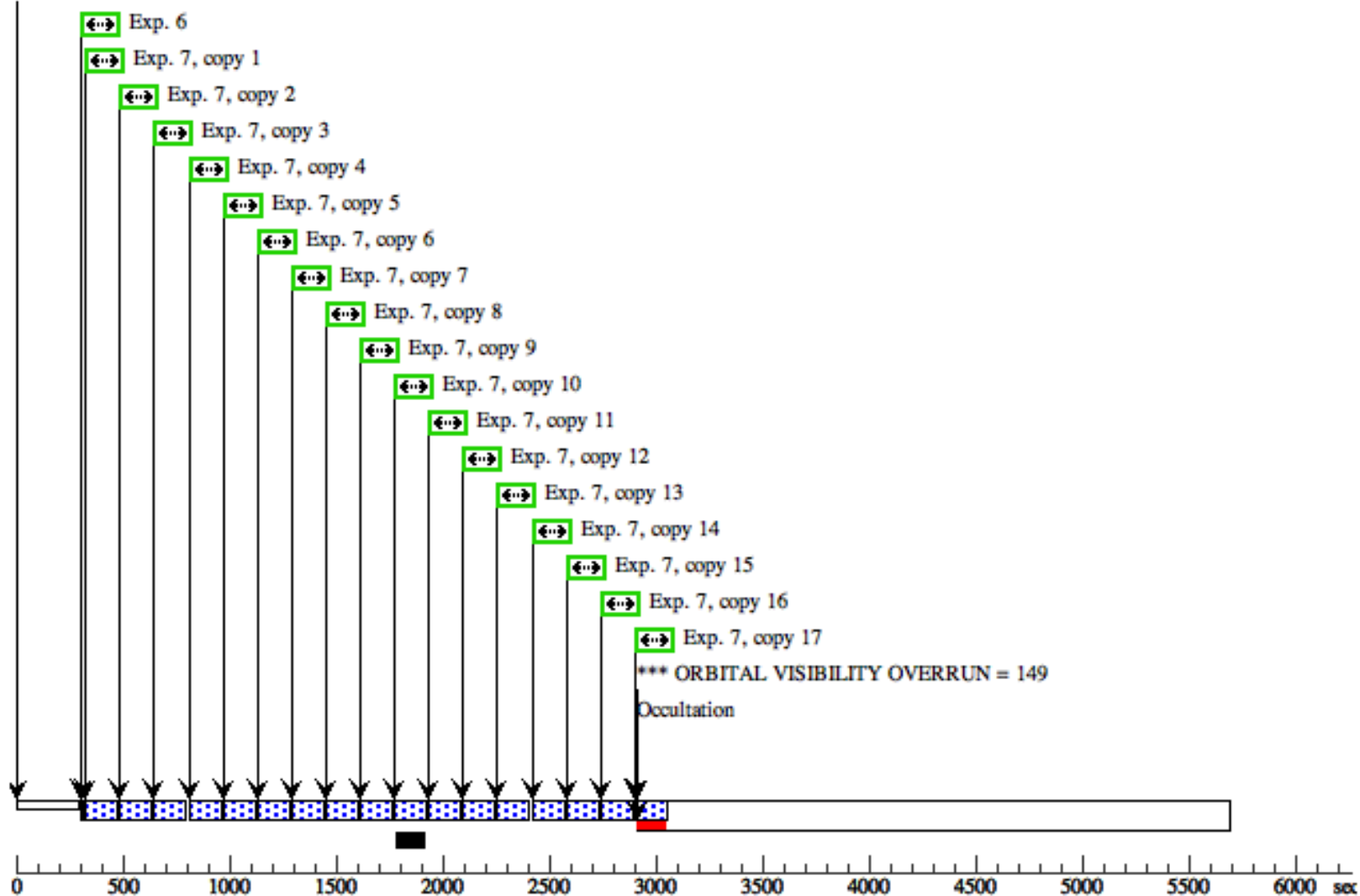
GS Reacq

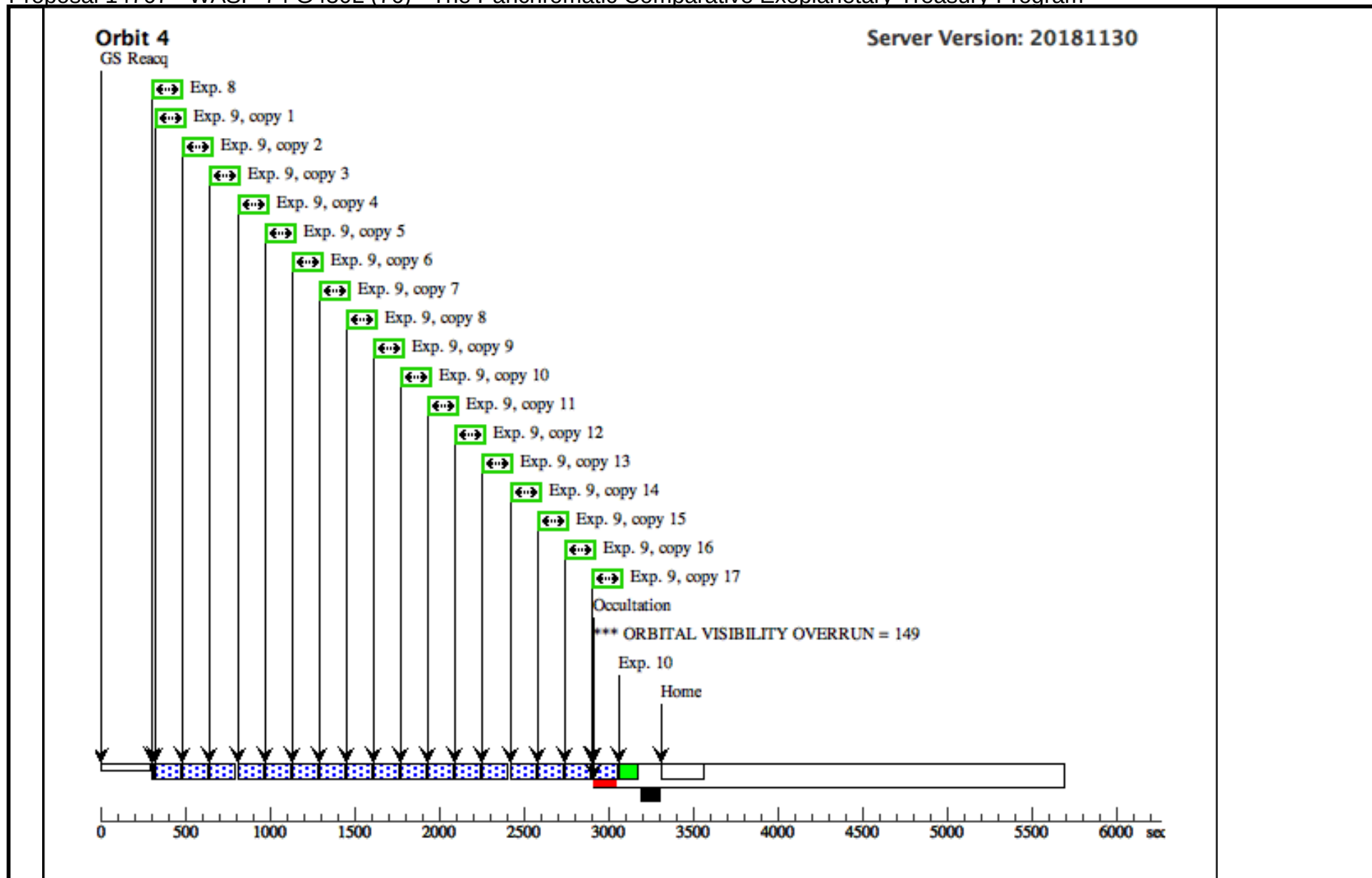


Orbit 3

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-74 G430L x2 (77) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-74 G430L x2 (77), completed	Wed Jun 05 15:15:05 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 2.13775 D AND ZERO-PHASE HJD2456506.8918	
	Comments: WASP-74. G430L. STIS visit. It is essential that the four orbits be scheduled in a continuous block.	

Proposal 14767 - WASP-74 G430L x2 (77) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-74 G430L x2 (77) - The Panchromatic Comparative Exoplanetary Treasury Program

	(WASP-74 G430L x2 (77)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-74 G430L x2 (77)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-74 G430L x2 (77)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-74 G430L x2 (77)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-74 G430L x2 (77)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-74 G430L x2 (77)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-74 G430L x2 (77)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-74 G430L x2 (77)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-74 G430L x2 (77)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-74 G430L x2 (77)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	WASP-74	RA: 20 18 9.3241 (304.5388504d)	Proper Motion RA: 1.6 mas/yr	V=9.7	Reference Frame: ICRS
			Dec: -01 04 32.62 (-1.07573d)	Proper Motion Dec: -64.4 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]					
Extended=NO						

Proposal 14767 - WASP-74 G430L x2 (77) - The Panchromatic Comparative Exoplanetary Treasury Program

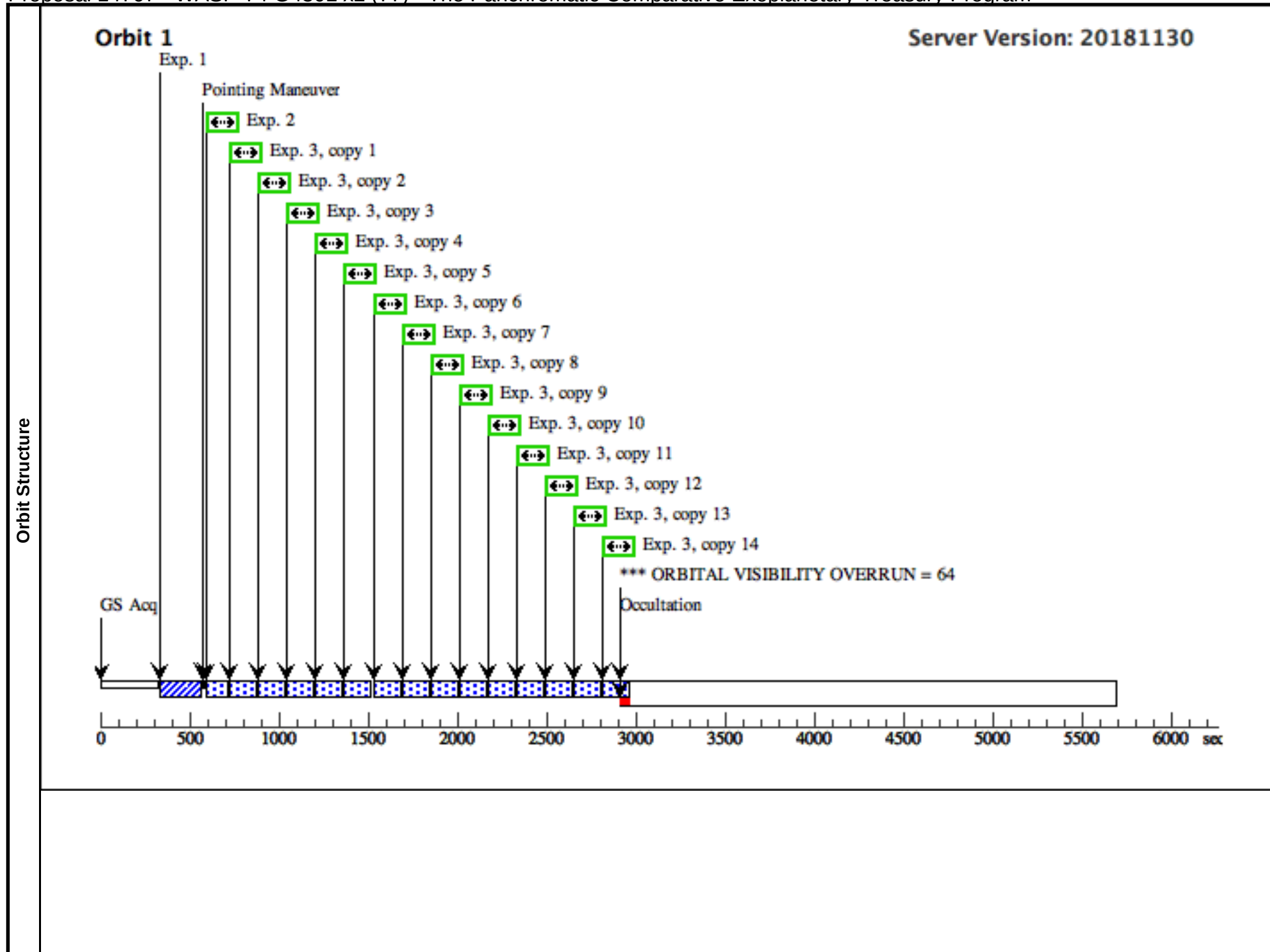
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5295)	(16) WASP-74	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.926 TO 0.934	Sequence 1-3 Non-Int in WASP-74 G430L x2 (77)	.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.36 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.75, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	WASP-74 G 430L Orbit 1	(16) WASP-74	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-74 G430L x2 (77)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
Exposures	3	WASP-74 G 430L Orbit 1 (STIS.sp.82 2572)	(16) WASP-74	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-74 G430L x2 (77)	140 Secs X 14 (1960 Secs) [==>(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)]	[1]
	4	WASP-74 G 430L Orbit 2	(16) WASP-74	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-74 G430L x2 (77)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-74 G430L x2 (77) - The Panchromatic Comparative Exoplanetary Treasury Program

5	WASP-74 G (16) WASP-74 430L Orbit 2 (STIS.sp.82 2572)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 4-5 Non-In t in WASP-74 G430 L x2 (77)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
6	WASP-74 G (16) WASP-74 430L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-In t in WASP-74 G430 L x2 (77)	1 Secs (1 Secs) [==>]	[3]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
7	WASP-74 G (16) WASP-74 430L Orbit 3 (STIS.sp.82 2572)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-In t in WASP-74 G430 L x2 (77)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[3]

Proposal 14767 - WASP-74 G430L x2 (77) - The Panchromatic Comparative Exoplanetary Treasury Program

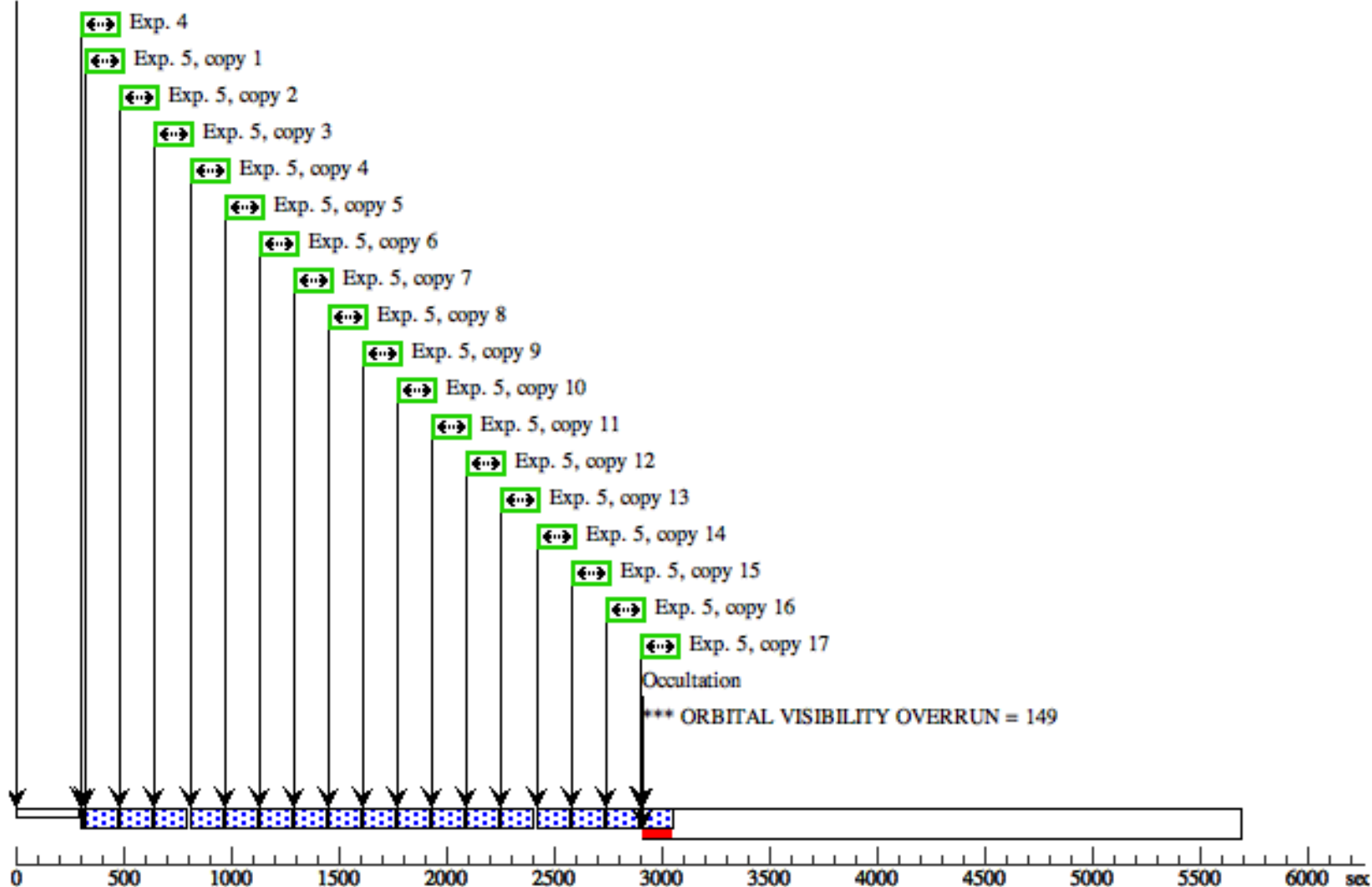
8	WASP-74 G (16) WASP-74 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-10 Non-I nt in WASP-74 G43 0L x2 (77)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-74 G (16) WASP-74 430L Orbit 4 (STIS.sp.82 2572)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-10 Non-I nt in WASP-74 G43 0L x2 (77)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]
10	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		Sequence 8-10 Non-I nt in WASP-74 G43 0L x2 (77)	[==>]	[4]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>							



Orbit 2

Server Version: 20181130

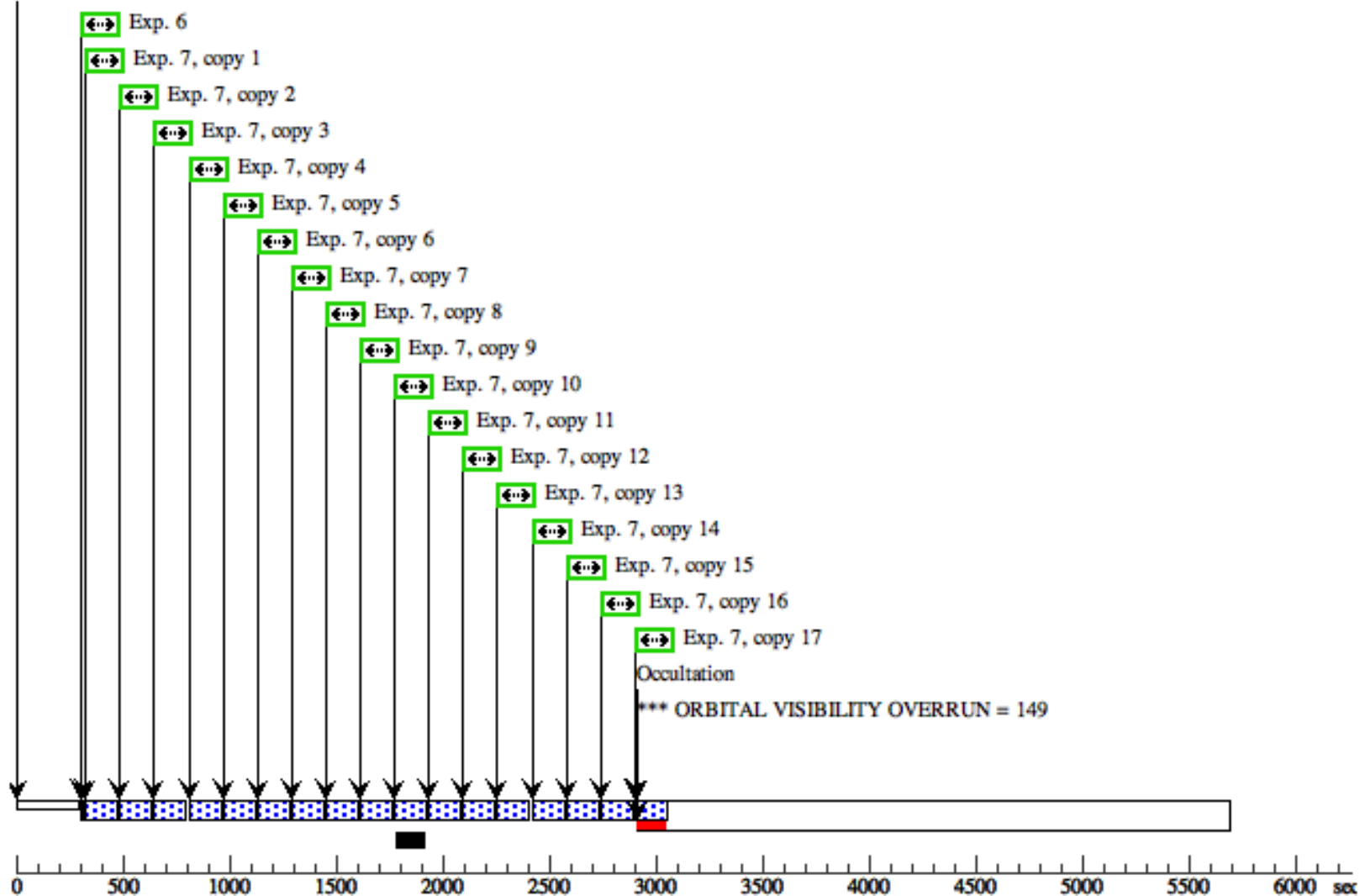
GS Reacq

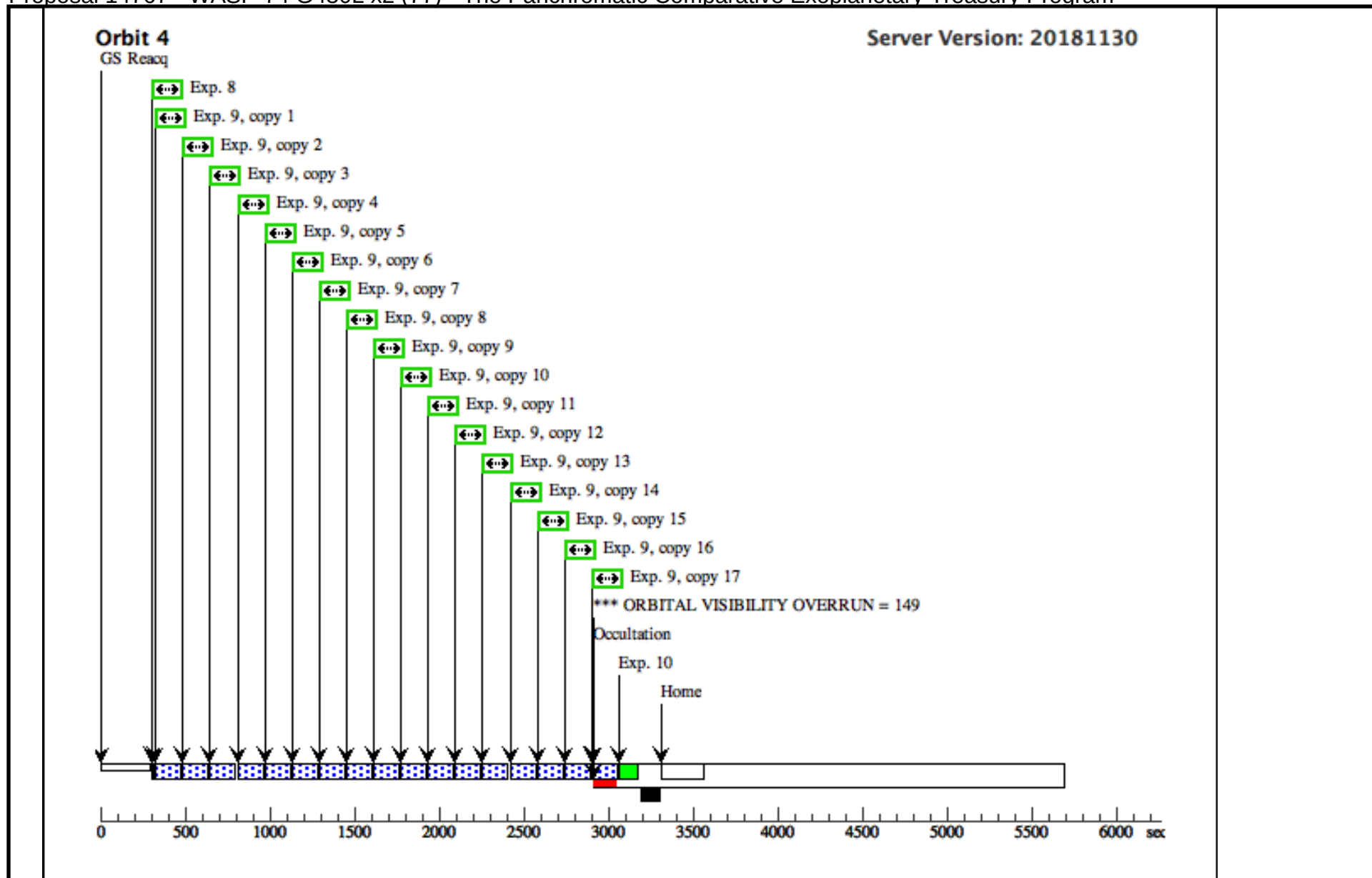


Orbit 3

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-74 G750L (78) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-74 G750L (78), completed	Wed Jun 05 15:15:05 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 2.13775 D AND ZERO-PHASE HJD2456506.8918	
	Comments: WASP-74, G750L. It is essential that the four orbits be scheduled in a continuous block.	

[illegible]

Proposal 14767 - WASP-74 G750L (78) - The Panchromatic Comparative Exoplanetary Treasury Program

	(WASP-74 G750L (78)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-74 G750L (78)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-74 G750L (78)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-74 G750L (78)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-74 G750L (78)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-74 G750L (78)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-74 G750L (78)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-74 G750L (78)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-74 G750L (78)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(16)	WASP-74	RA: 20 18 9.3241 (304.5388504d)	Proper Motion RA: 1.6 mas/yr	V=9.7
			Dec: -01 04 32.62 (-1.07573d)	Proper Motion Dec: -64.4 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9] Extended=NO				

Proposal 14767 - WASP-74 G750L (78) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5295)	(16) WASP-74	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.926 TO 0.934	Sequence 1-3 Non-Int in WASP-74 G750L (78)	.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.36 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.75, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	Wasp-74 G7 50L Orbit 1	(16) WASP-74	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-74 G750L (78)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
Exposures	3	Wasp-74 G7 50L Orbit 1 (STIS.sp.82 2593)	(16) WASP-74	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-74 G750L (78)	140 Secs X 13 (1820 Secs) [==>(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)]	[1]
	Comments: Exposure will saturate at the brightest pixel by 1.1x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.1x oversaturation at the brightest pixel. Photon-limited precisions of 300 ppm per resolution element, per HST orbit are expected.									
	4	Wasp-74 G7 50L Orbit 2	(16) WASP-74	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-74 G750L (78)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-74 G750L (78) - The Panchromatic Comparative Exoplanetary Treasury Program

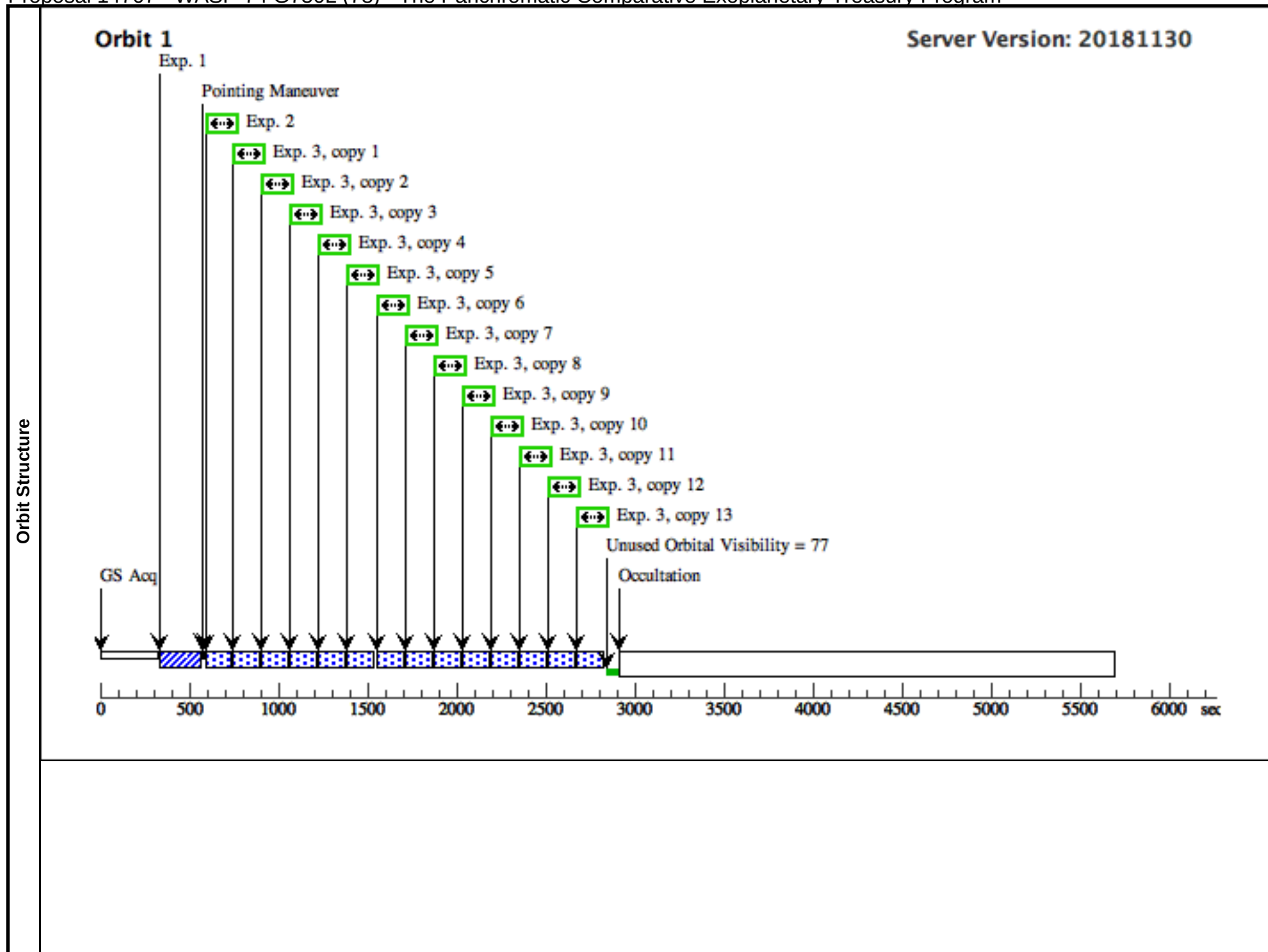
5	Wasp-74 G7 (16) WASP-74 50L Orbit 2 (STIS.sp.82 2593)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 4-5 Non-Int in WASP-74 G750 L (78)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
Comments: Exposure will saturate at the brightest pixel by 1.3x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.3x oversaturation at the brightest pixel. Photon-limited precisions of 300 ppm per resolution element, per HST orbit are expected.							
6	Wasp-74 G7 (16) WASP-74 50L Orbit 3	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-74 G750 L (78)	1 Secs (1 Secs) [==>]	[3]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - WASP-74 G750L (78) - The Panchromatic Comparative Exoplanetary Treasury Program

7	Wasp-74 G7 (16) WASP-74 50L Orbit 3 (STIS.sp.82 2593)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-74 G750 L (78)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[3]
Comments: Exposure will saturate at the brightest pixel by 1.3x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.3x oversaturation at the brightest pixel. Photon-limited precisions of 300 ppm per resolution element, per HST orbit are expected.							
8	Wasp-74 G7 (16) WASP-74 50L Orbit 4	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-12 Non-Int in WASP-74 G750 L (78)	1 Secs (1 Secs) [==>]	[4]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - WASP-74 G750L (78) - The Panchromatic Comparative Exoplanetary Treasury Program

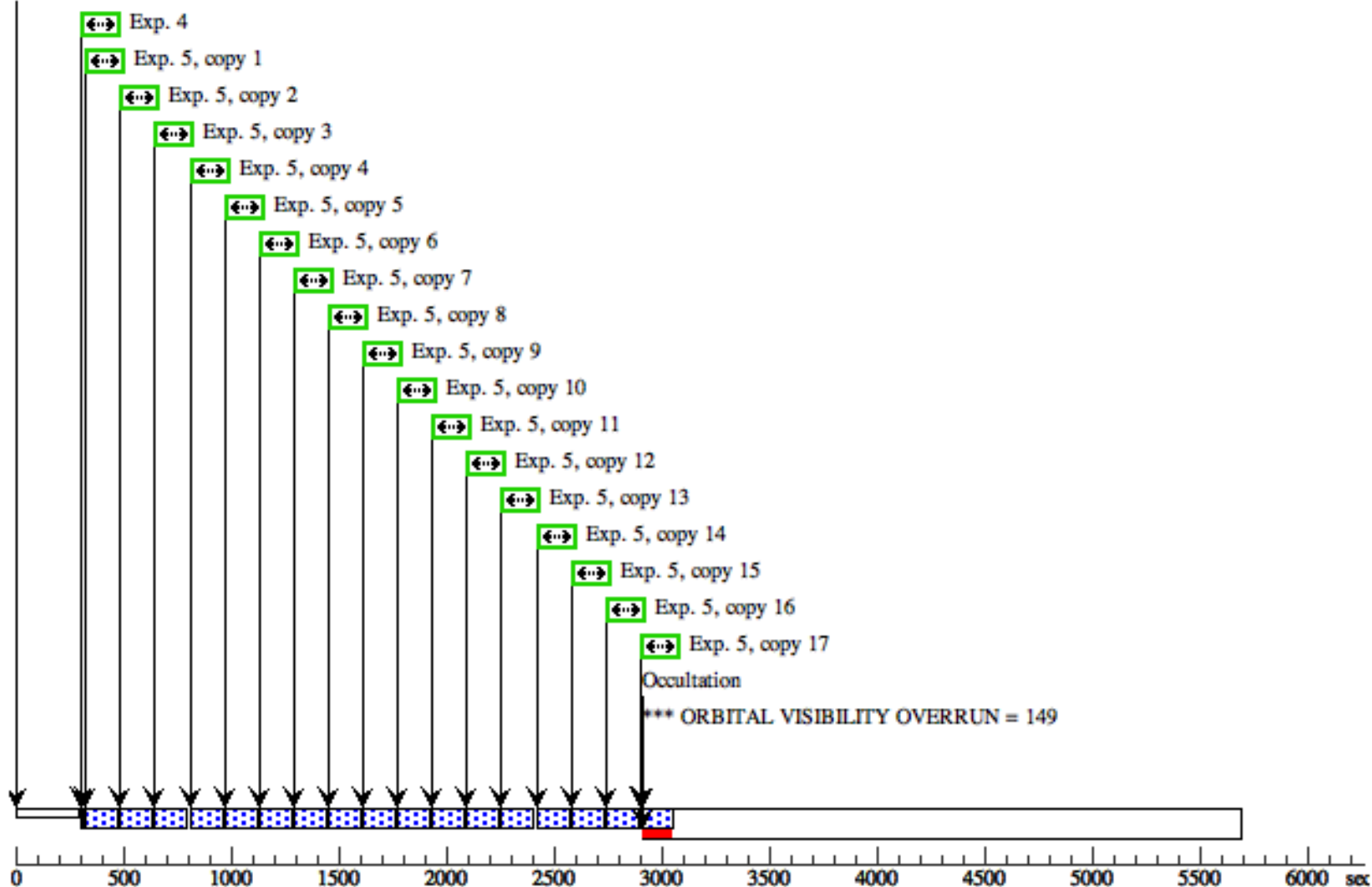
9	Wasp-74 G7 (16) WASP-74 50L Orbit 4 (STIS.sp.82 2593)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-12 Non-I nt in WASP-74 G75 0L (78)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]
Comments: Exposure will saturate at the brightest pixel by 1.3x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.3x oversaturation at the brightest pixel. Photon-limited precisions of 300 ppm per resolution element, per HST orbit are expected.							
10	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		Sequence 8-12 Non-I nt in WASP-74 G75 0L (78)	[==>]	[4]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle							
11	Flat CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		Sequence 8-12 Non-I nt in WASP-74 G75 0L (78)	[==>(Copy 1)] [==>(Copy 2)]	[4]
12	Tungsten La NONE mp	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	Sequence 8-12 Non-I nt in WASP-74 G75 0L (78)	240 Secs X 4 (960 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[4]
Comments: Expected peak count level = 50,000 e-							



Orbit 2

Server Version: 20181130

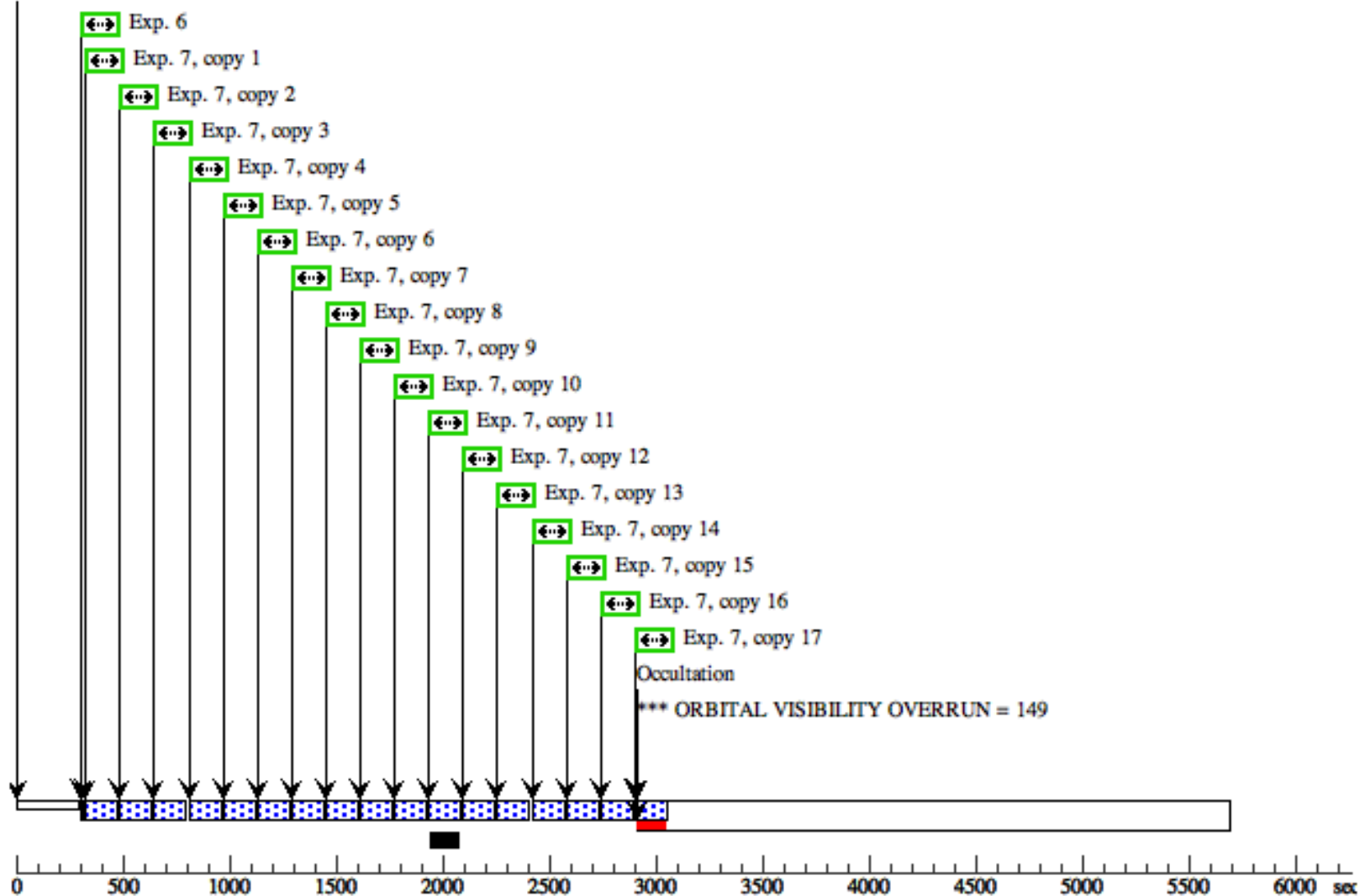
GS Reacq

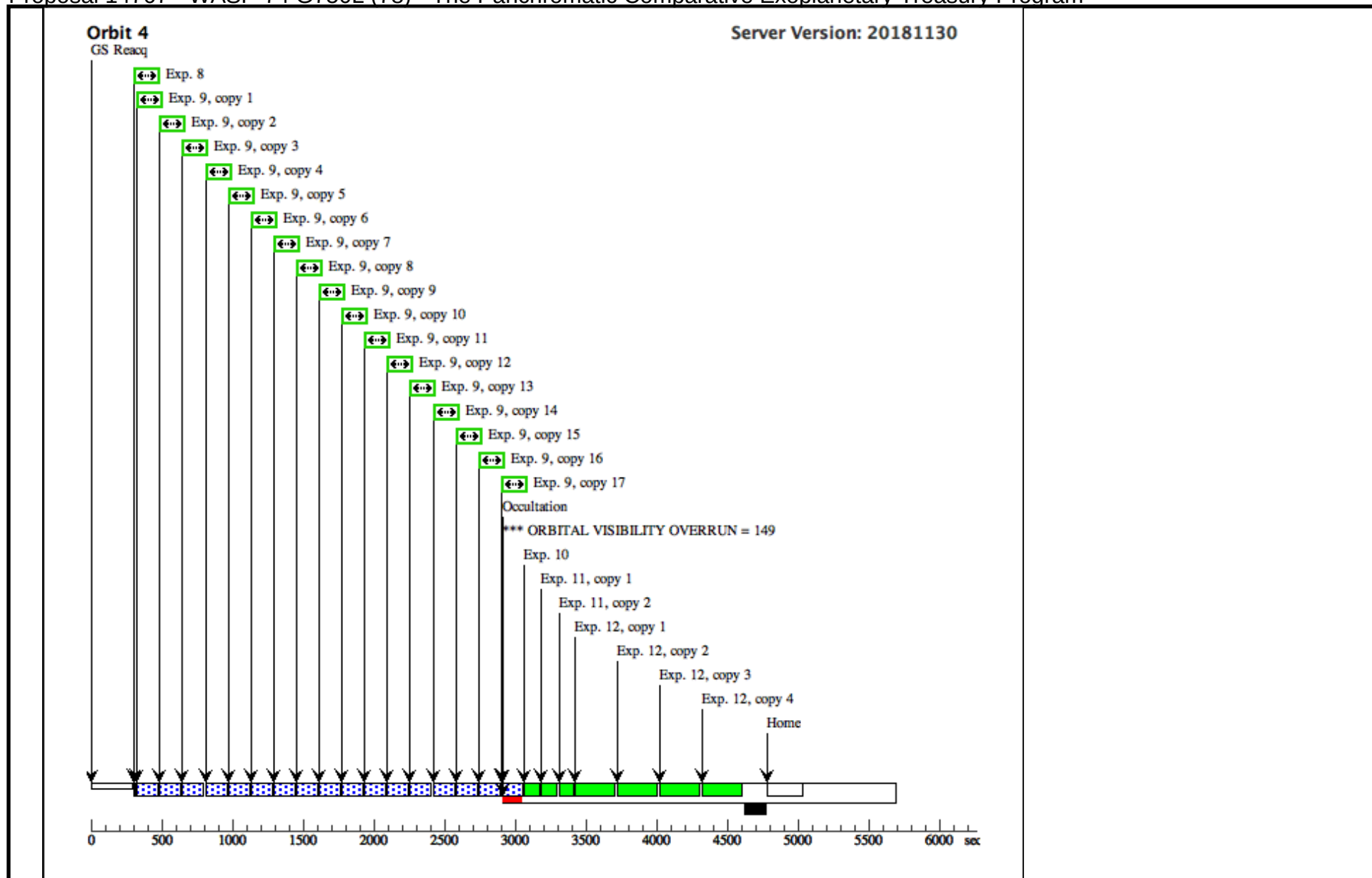


Orbit 3

GS Reacq

Server Version: 20181130





Proposal 14767 - HAT-P-41 E230M Visit #1 (81) - The Panchromatic Comparative Exoplanetary Treasury Program

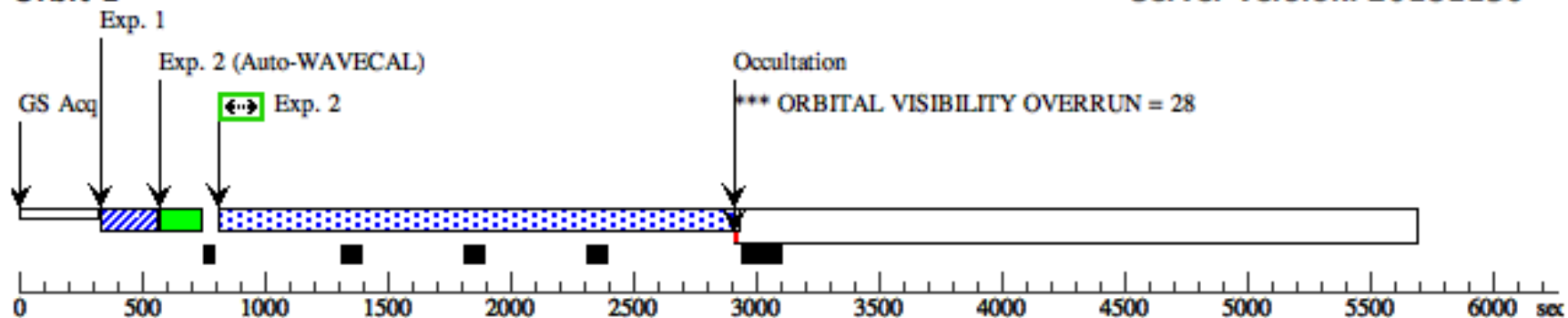
Visit	Proposal 14767, HAT-P-41 E230M Visit #1 (81), completed					Wed Jun 05 15:15:05 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD					
	Special Requirements: SCHED 100%; Period 2.694047 D AND ZERO-PHASE HJD2454983.86167					
	Comments: It is essential that the five orbits be scheduled in a coninuous block..					
Diagnostics	(HAT-P-41 E230M Visit #1 (81)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-41 E230M Visit #1 (81)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-41 E230M Visit #1 (81)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-41 E230M Visit #1 (81)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-41 E230M Visit #1 (81)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(17)	HAT-P-41	RA: 19 49 17.4387 (297.3226612d)	Proper Motion RA: -7.6 mas/yr	V=11.1	Reference Frame: ICRS
			Dec: +04 40 20.72 (4.67242d)	Proper Motion Dec: -11.7 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
Description=[EXTRA-SOLAR PLANETARY SYSTEM, G V-IV]						
Extended=NO						

Proposal 14767 - HAT-P-41 E230M Visit #1 (81) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5300)	(17) HAT-P-41	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.93 TO 0.934	Sequence 1-2 Non-Int in HAT-P-41 E230M Visit #1 (81)	0.5 Secs (0.5 Secs) [==>]	[1]
	2	HAT-P-41 E 230M Orbit 1 (STIS.sp.82 6186)	(17) HAT-P-41	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=50 0		Sequence 1-2 Non-Int in HAT-P-41 E230M Visit #1 (81)	2100 Secs (2100 Secs) [==>]	[1]
	Comments: .									
	3	HAT-P-41 E 230M Orbit 2 (STIS.sp.82 6186)	(17) HAT-P-41	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=50 0			2700 Secs (2740 Secs) [==>2740.0 Secs]	[2]
	Comments: .									
	4	HAT-P-41 E 230M Orbit 3 (STIS.sp.82 6186)	(17) HAT-P-41	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=50 0			2700 Secs (2740 Secs) [==>2740.0 Secs]	[3]
	Comments: .									
	5	HAT-P-41 E 230M Orbit 4 (STIS.sp.82 6186)	(17) HAT-P-41	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=50 0			2700 Secs (2740 Secs) [==>2740.0 Secs]	[4]
	Comments: .									
	6	HAT-P-41 E 230M Orbit 5 (STIS.sp.82 6186)	(17) HAT-P-41	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=50 0			2700 Secs (2740 Secs) [==>2740.0 Secs]	[5]
	Comments: .									

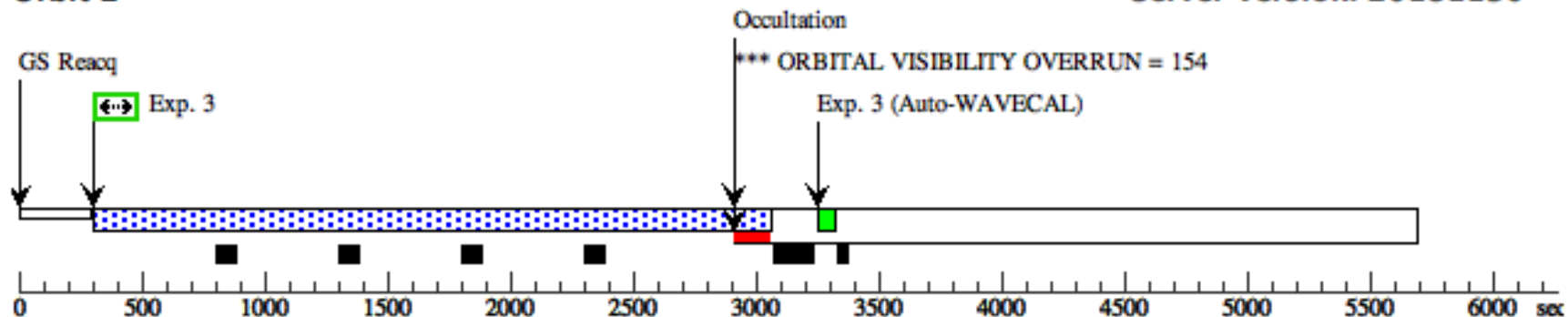
Orbit 1

Server Version: 20181130



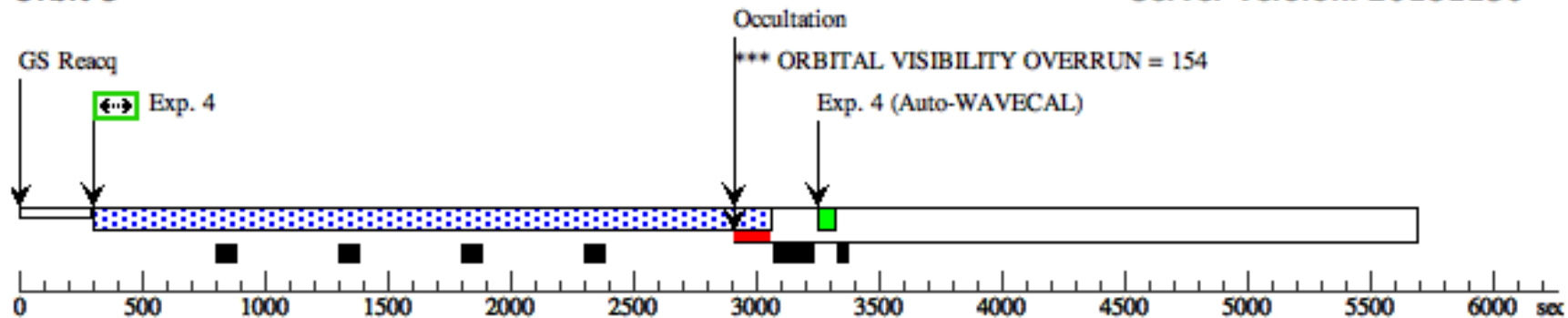
Orbit 2

Server Version: 20181130



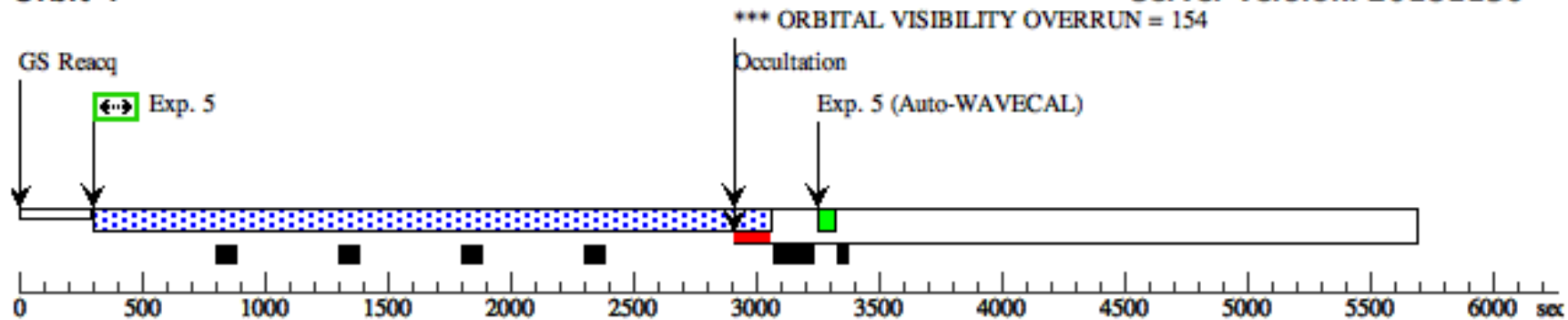
Orbit 3

Server Version: 20181130



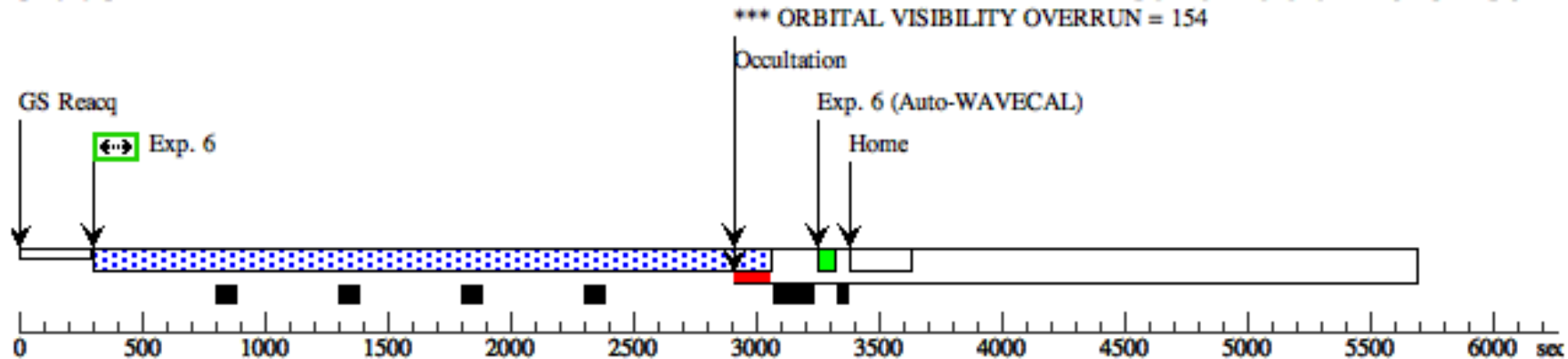
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130

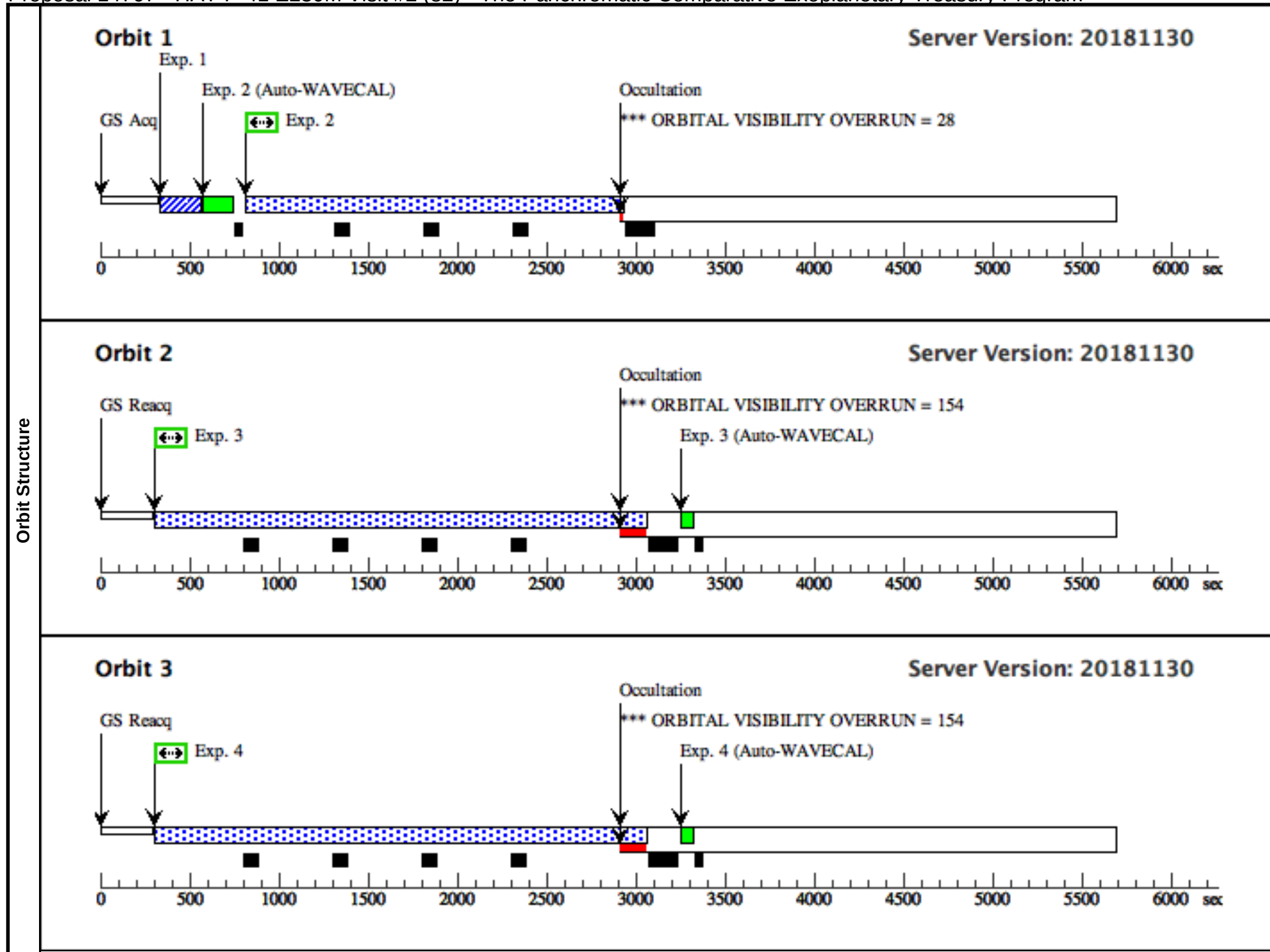


Proposal 14767 - HAT-P-41 E230M Visit #2 (82) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-41 E230M Visit #2 (82), completed					Wed Jun 05 15:15:05 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD					
	Special Requirements: SCHED 100%; Period 2.694047 D AND ZERO-PHASE HJD2454983.86167					
Diagnostics	Comments: It is essential that the five orbits be scheduled in a coninuous block.					
	(HAT-P-41 E230M Visit #2 (82)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-41 E230M Visit #2 (82)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-41 E230M Visit #2 (82)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-41 E230M Visit #2 (82)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(HAT-P-41 E230M Visit #2 (82)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(17)	HAT-P-41	RA: 19 49 17.4387 (297.3226612d)	Proper Motion RA: -7.6 mas/yr	V=11.1	Reference Frame: ICRS
			Dec: +04 40 20.72 (4.67242d)	Proper Motion Dec: -11.7 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
Description=[EXTRA-SOLAR PLANETARY SYSTEM, G V-IV]						
Extended=NO						

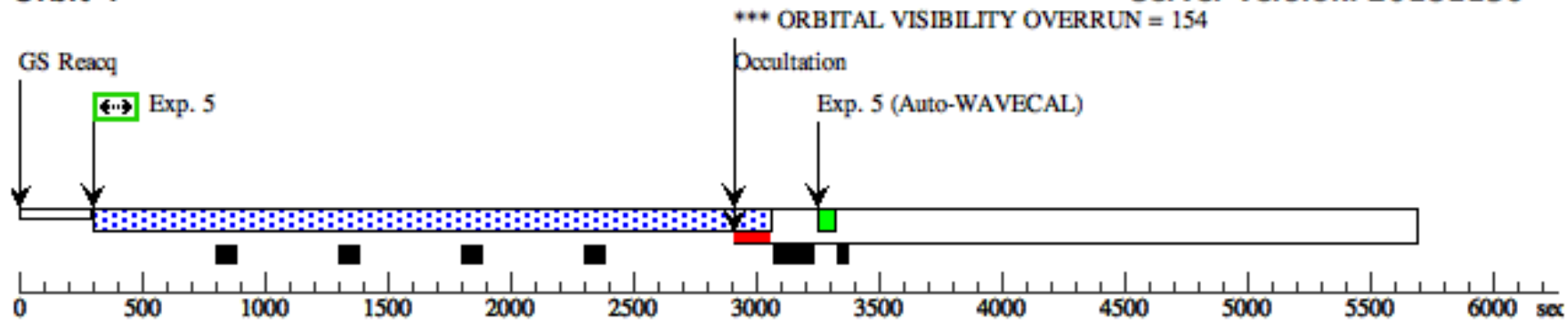
Proposal 14767 - HAT-P-41 E230M Visit #2 (82) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5300)	(17) HAT-P-41	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.93 TO 0.934	Sequence 1-2 Non-Int in HAT-P-41 E230M Visit #2 (82)	0.5 Secs (0.5 Secs) [==>]	[1]
	2	HAT-P-41 E 230M Orbit 1 (STIS.sp.82 6186)	(17) HAT-P-41	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=50 0		Sequence 1-2 Non-Int in HAT-P-41 E230M Visit #2 (82)	2100 Secs (2100 Secs) [==>]	[1]
	Comments: .									
	3	HAT-P-41 E 230M Orbit 2 (STIS.sp.82 6186)	(17) HAT-P-41	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=50 0			2700 Secs (2740 Secs) [==>2740.0 Secs]	[2]
	Comments: .									
	4	HAT-P-41 E 230M Orbit 3 (STIS.sp.82 6186)	(17) HAT-P-41	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=50 0			2700 Secs (2740 Secs) [==>2740.0 Secs]	[3]
	Comments: .									
	5	HAT-P-41 E 230M Orbit 4 (STIS.sp.82 6186)	(17) HAT-P-41	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=50 0			2700 Secs (2740 Secs) [==>2740.0 Secs]	[4]
	Comments: .									
	6	HAT-P-41 E 230M Orbit 5 (STIS.sp.82 6186)	(17) HAT-P-41	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=50 0			2700 Secs (2740 Secs) [==>2740.0 Secs]	[5]
	Comments: .									



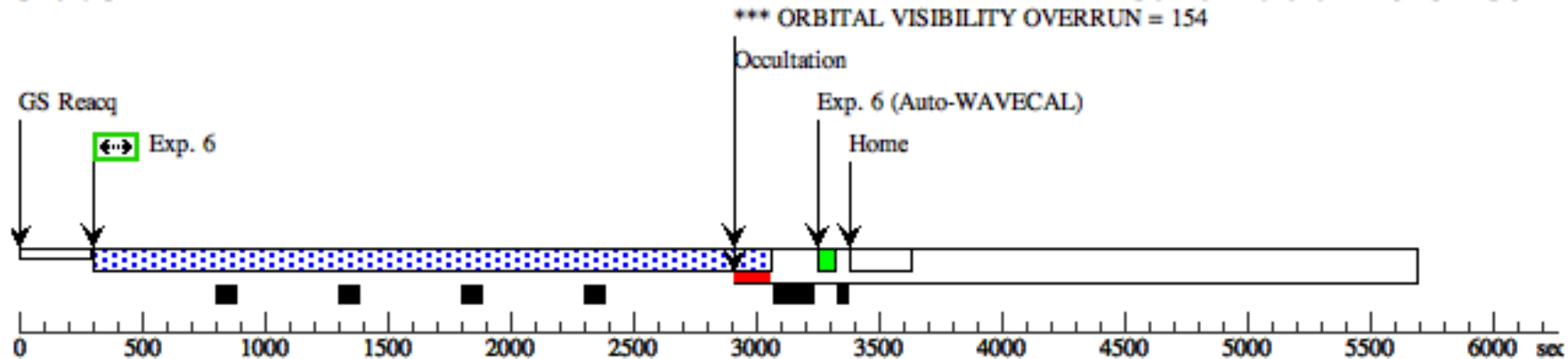
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - HAT-P-41 G430L (83) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-41 G430L (83), completed	Wed Jun 05 15:15:05 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 2.694047 D AND ZERO-PHASE HJD2454983.86167	
	Comments: HAT-P-41. G430L. STIS visit. It is essential that the five orbits be scheduled in a continuous block.	

[illegible]

Proposal 14767 - HAT-P-41 G430L (83) - The Panchromatic Comparative Exoplanetary Treasury Program

(HAT-P-41 G430L (83)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
(HAT-P-41 G430L (83)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(17)	HAT-P-41	RA: 19 49 17.4387 (297.3226612d)	Proper Motion RA: -7.6 mas/yr	V=11.1	Reference Frame: ICRS
			Dec: +04 40 20.72 (4.67242d)	Proper Motion Dec: -11.7 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, G V-IV] Extended=NO					

Proposal 14767 - HAT-P-41 G430L (83) - The Panchromatic Comparative Exoplanetary Treasury Program

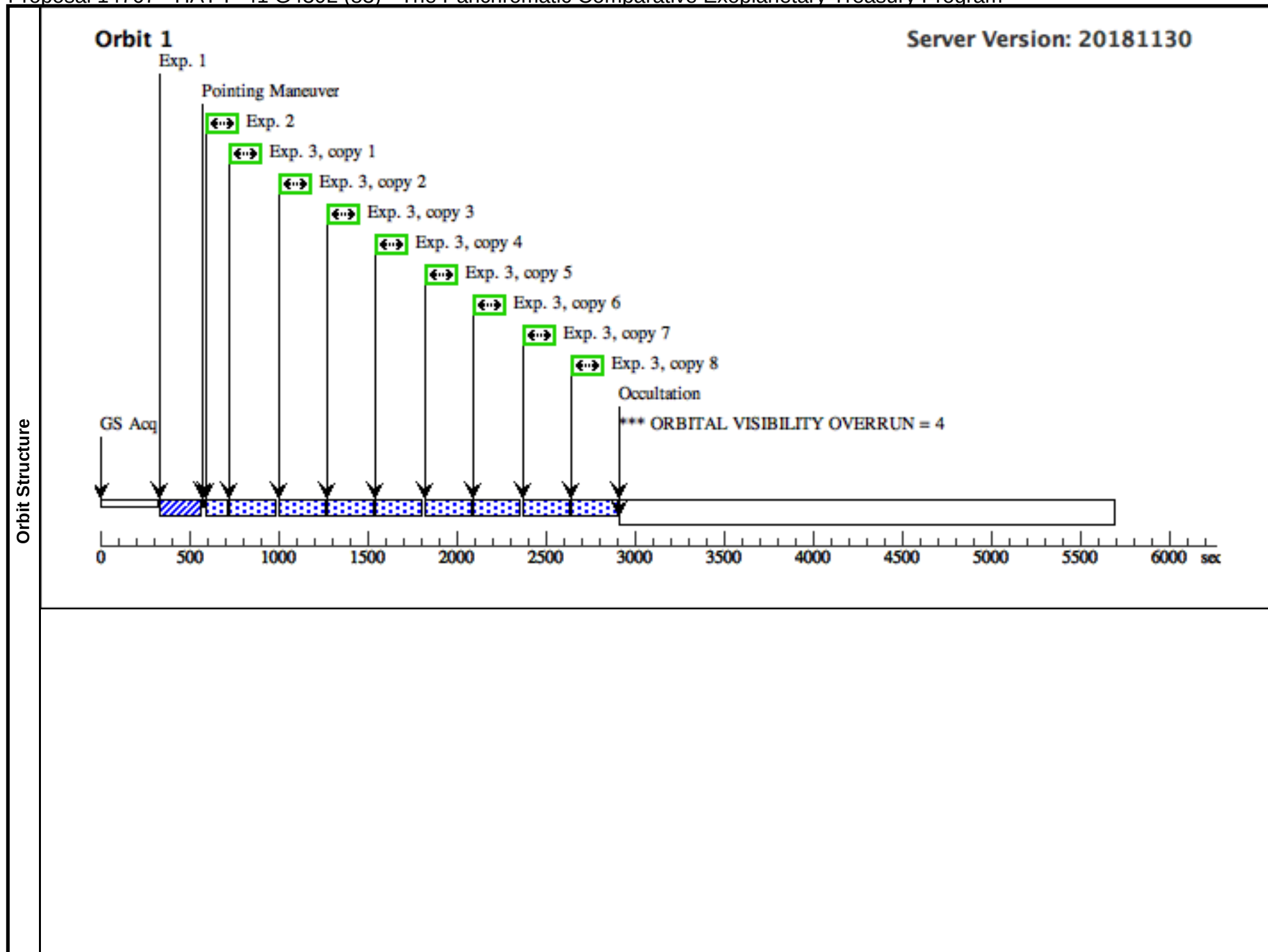
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5300)	(17) HAT-P-41	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.93 TO 0.934	Sequence 1-3 Non-Int in HAT-P-41 G430 L (83)	0.5 Secs (0.5 Secs) [==>]	[1]
	2	HAT-P-41 G430L Orbit 1	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-41 G430 L (83)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	HAT-P-41 G430L Orbit 1 (STIS.sp.82 2656)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-41 G430 L (83)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	HAT-P-41 G430L Orbit 2	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-41 G430 L (83)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	HAT-P-41 G430L Orbit 2 (STIS.sp.82 2656)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-41 G430 L (83)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	HAT-P-41 G430L Orbit 3	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in HAT-P-41 G430 L (83)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - HAT-P-41 G430L (83) - The Panchromatic Comparative Exoplanetary Treasury Program

7	HAT-P-41 G430L Orbit 3 (STIS.sp.82 2656)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in HAT-P-41 G430 L (83)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	HAT-P-41 G430L Orbit 4	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-41 G430 L (83)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	HAT-P-41 G430L Orbit 4 (STIS.sp.82 2656)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-41 G430 L (83)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	HAT-P-41 G430L Orbit 5	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in HAT-P-41 G430L (83)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	HAT-P-41 G430L Orbit 5 (STIS.sp.82 2656)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in HAT-P-41 G430L (83)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - HAT-P-41 G430L (83) - The Panchromatic Comparative Exoplanetary Treasury Program

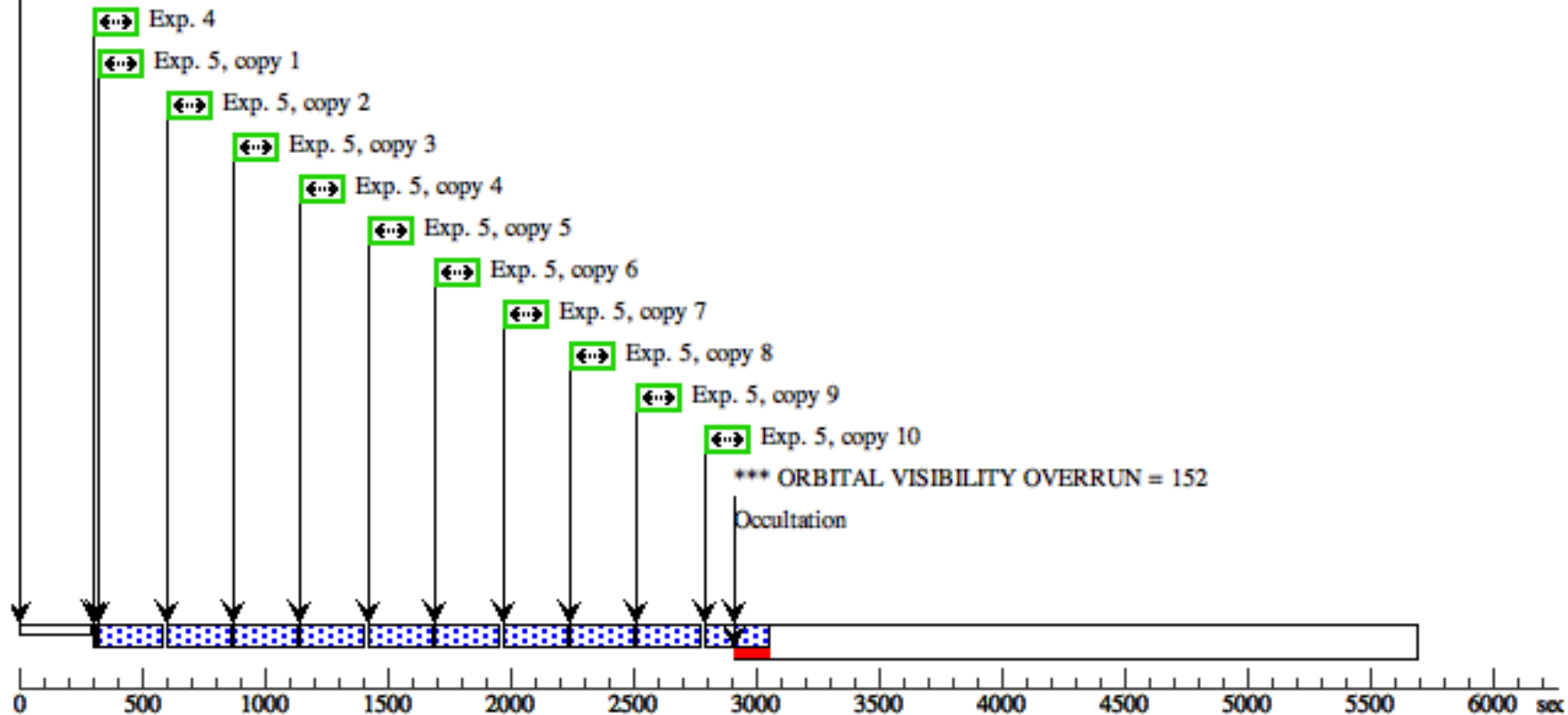
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L	Sequence 10-12 Non-Int in HAT-P-41 G430L (83)	[==>]	[5]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle							



Orbit 2

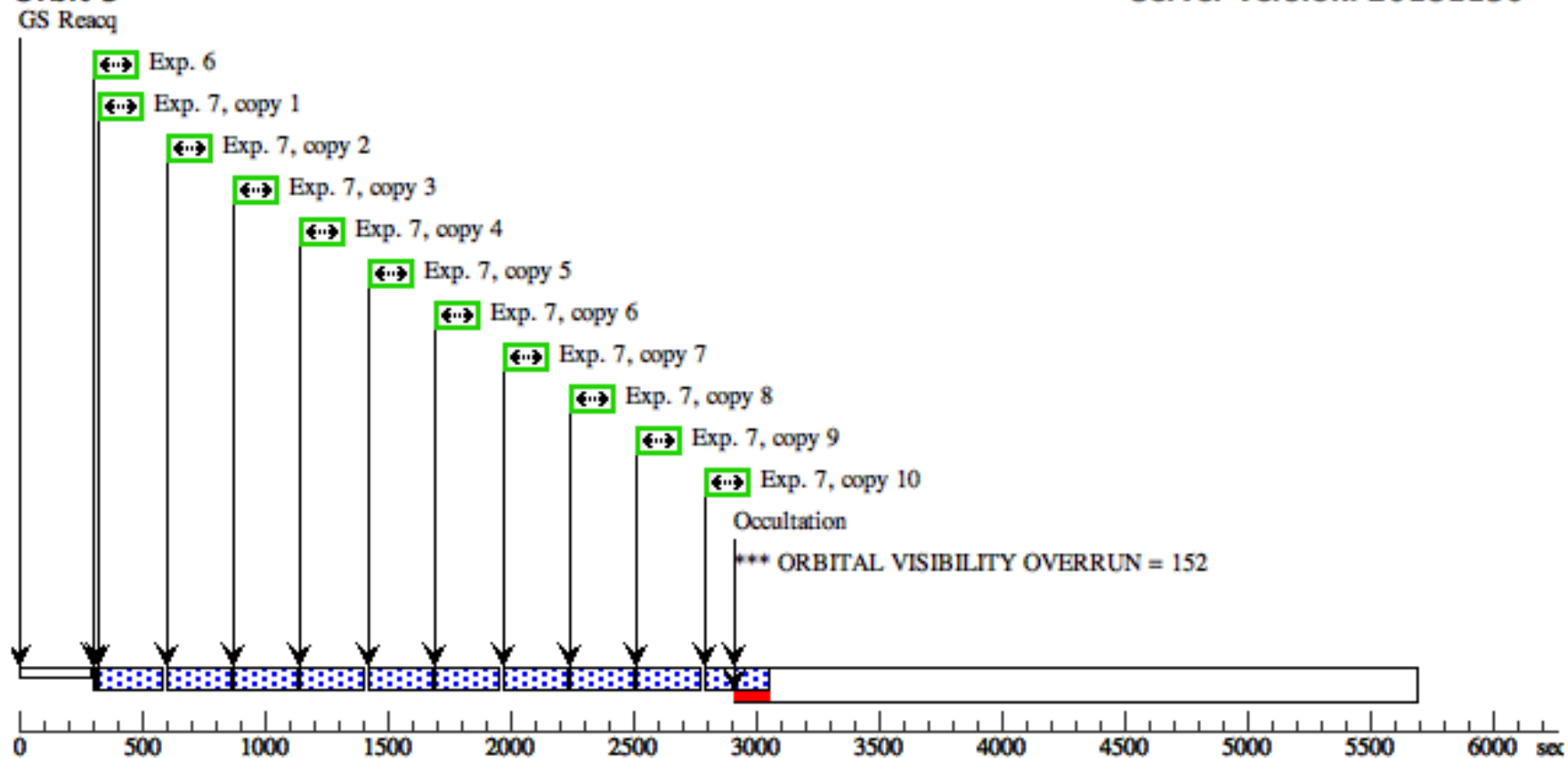
Server Version: 20181130

GS Reacq



Orbit 3

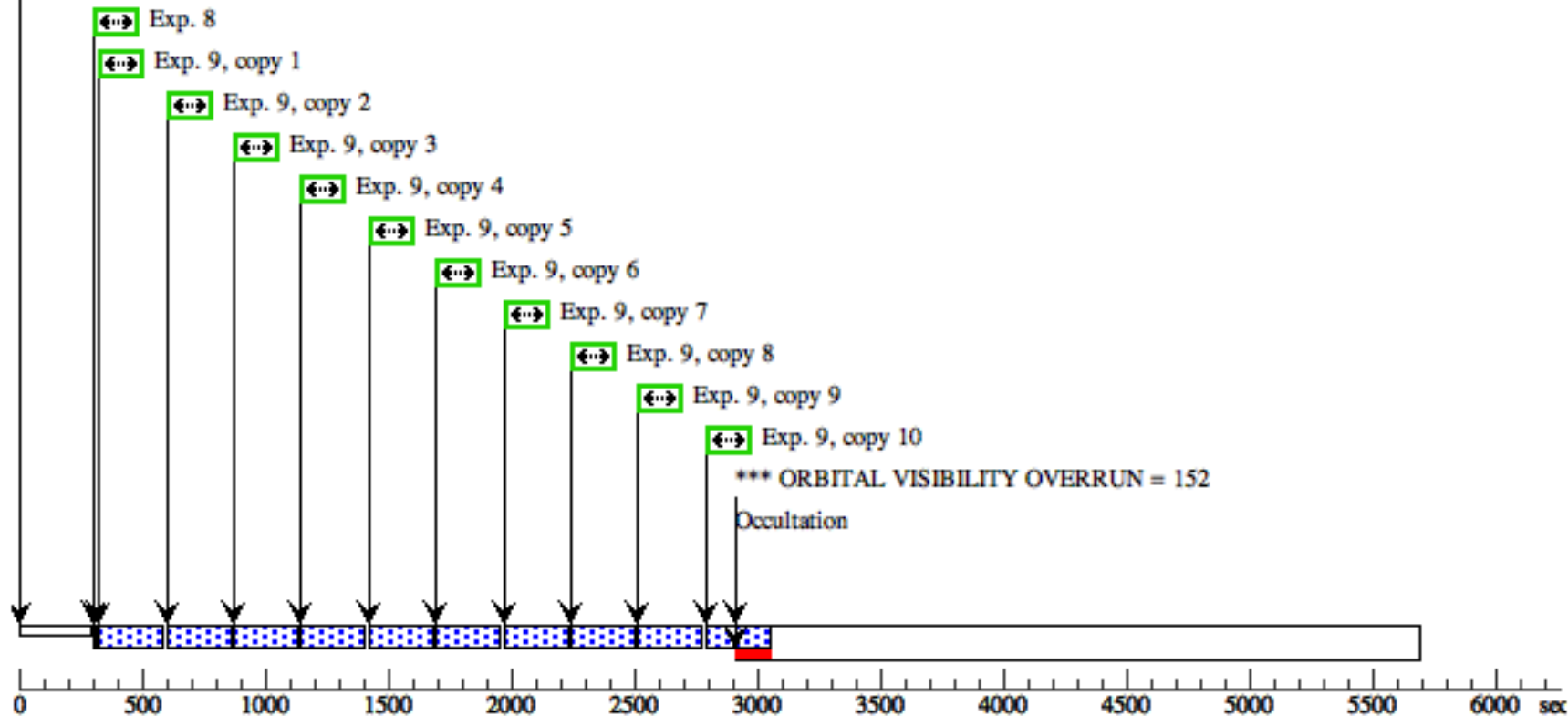
Server Version: 20181130

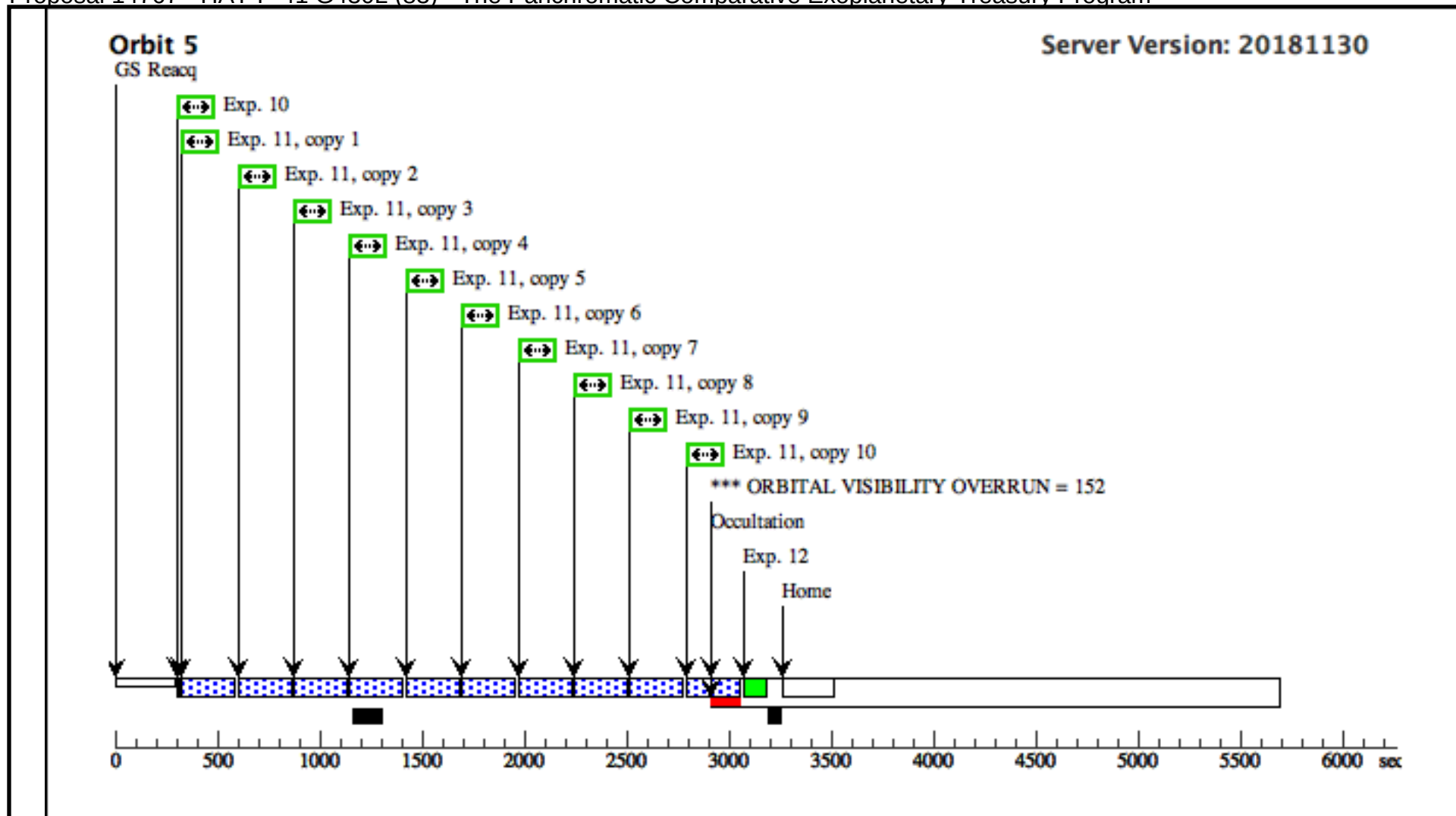


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - HAT-P-41 G430L x2 (84) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-41 G430L x2 (84), completed	Wed Jun 05 15:15:05 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 2.694047 D AND ZERO-PHASE HJD2454983.86167	
	Comments: HAT-P-41. G430L. STIS visit. It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - HAT-P-41 G430L x2 (84) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - HAT-P-41 G430L x2 (84) - The Panchromatic Comparative Exoplanetary Treasury Program

(HAT-P-41 G430L x2 (84)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
(HAT-P-41 G430L x2 (84)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(17)	HAT-P-41	RA: 19 49 17.4387 (297.3226612d)	Proper Motion RA: -7.6 mas/yr	V=11.1
			Dec: +04 40 20.72 (4.67242d)	Proper Motion Dec: -11.7 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, G V-IV] Extended=NO				

Proposal 14767 - HAT-P-41 G430L x2 (84) - The Panchromatic Comparative Exoplanetary Treasury Program

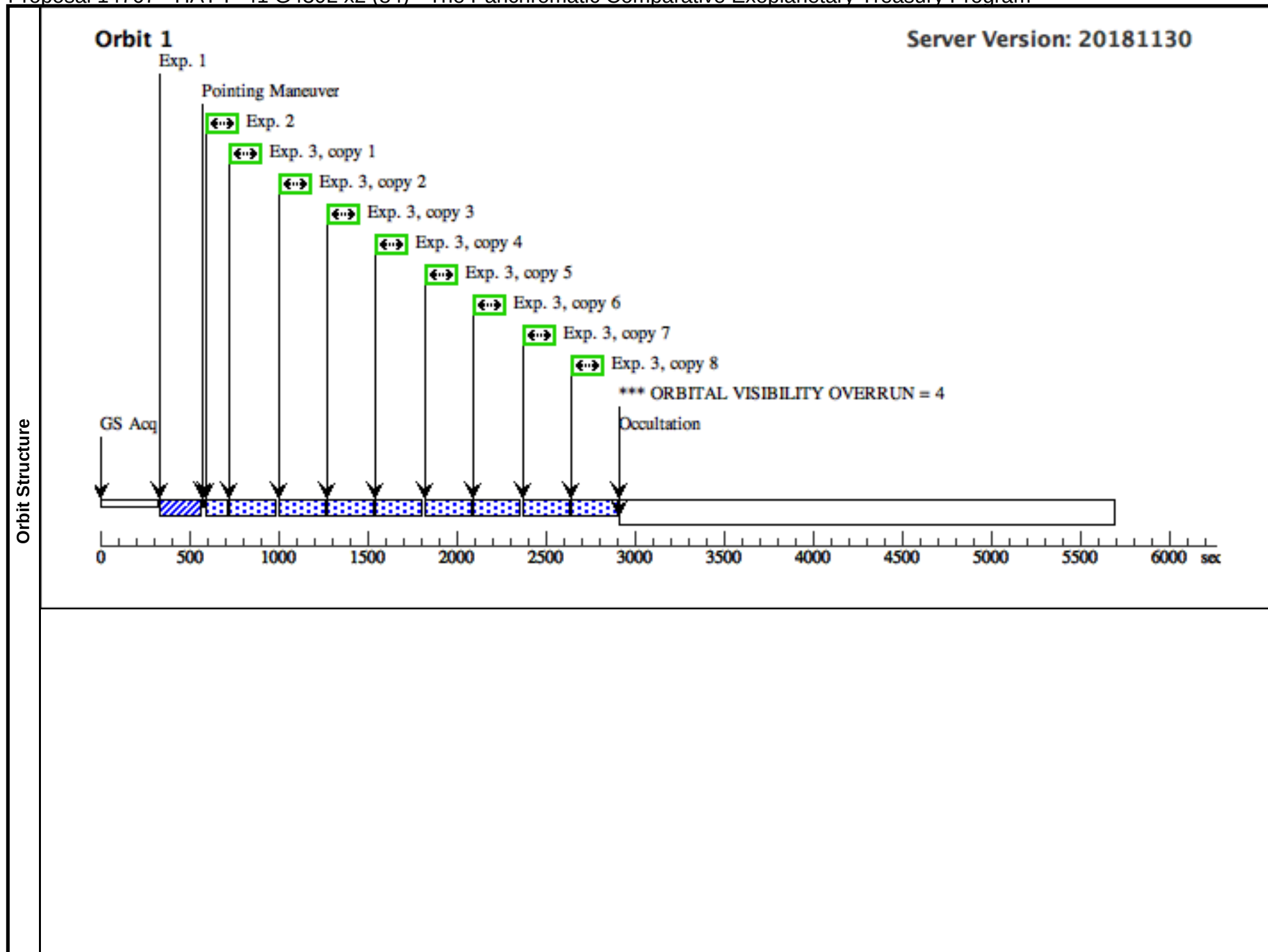
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5300)	(17) HAT-P-41	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.93 TO 0.934	Sequence 1-3 Non-Int in HAT-P-41 G430L x2 (84)	0.5 Secs (0.5 Secs) [==>]	[1]
	2	HAT-P-41 G430L Orbit 1	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-41 G430L x2 (84)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	HAT-P-41 G430L Orbit 1 (STIS.sp.82 2656)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-41 G430L x2 (84)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	HAT-P-41 G430L Orbit 2	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-41 G430L x2 (84)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	HAT-P-41 G430L Orbit 2 (STIS.sp.82 2656)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-41 G430L x2 (84)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	HAT-P-41 G430L Orbit 3	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in HAT-P-41 G430L x2 (84)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - HAT-P-41 G430L x2 (84) - The Panchromatic Comparative Exoplanetary Treasury Program

7	HAT-P-41 G430L Orbit 3 (STIS.sp.82 2656)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in HAT-P-41 G430 L x2 (84)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	HAT-P-41 G430L Orbit 4	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-41 G430 L x2 (84)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	HAT-P-41 G430L Orbit 4 (STIS.sp.82 2656)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-41 G430 L x2 (84)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	HAT-P-41 G430L Orbit 5	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in HAT-P-41 G430L x2 (84)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	HAT-P-41 G430L Orbit 5 (STIS.sp.82 2656)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in HAT-P-41 G430L x2 (84)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - HAT-P-41 G430L x2 (84) - The Panchromatic Comparative Exoplanetary Treasury Program

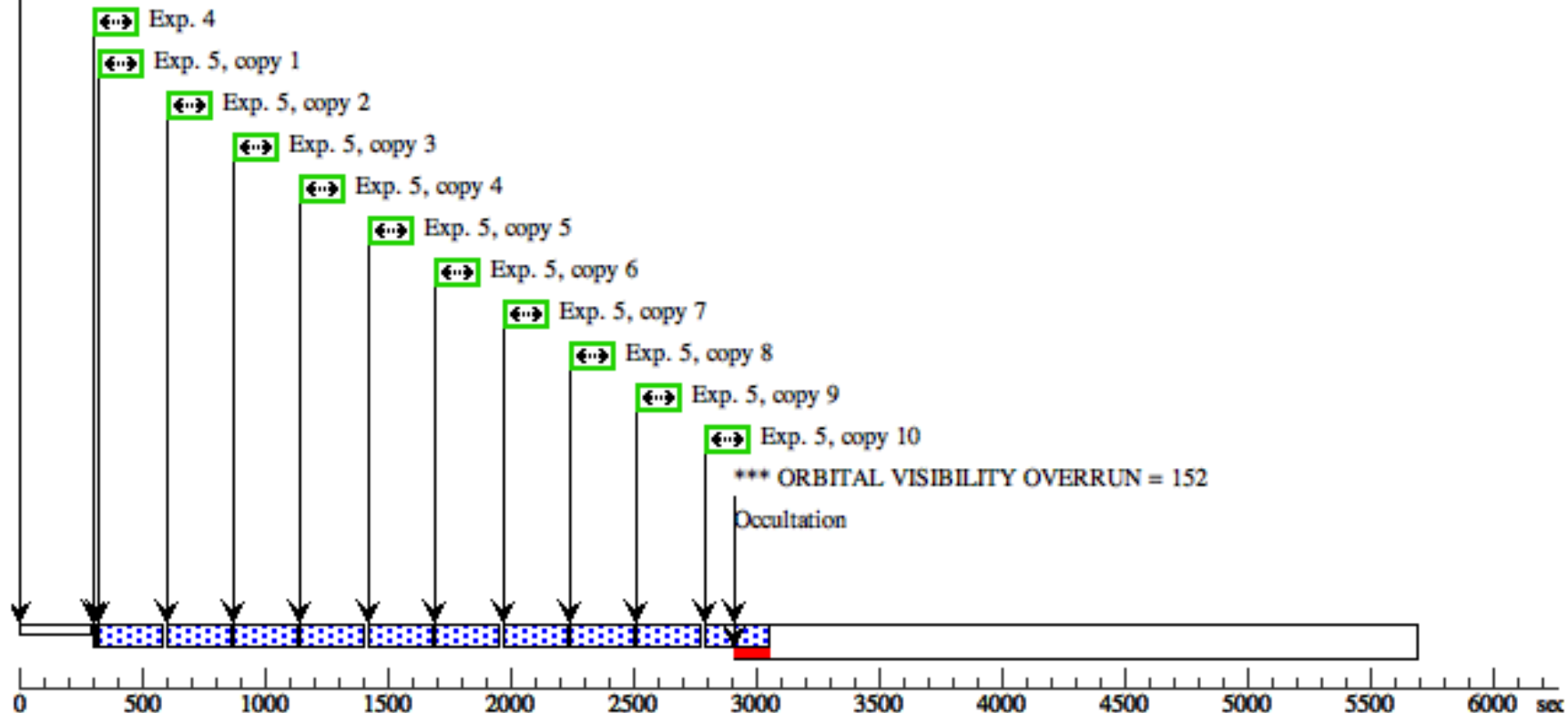
	12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	Sequence 10-12 Non -Int in HAT-P-41 G4 30L x2 (84)	[==>]	[5]
							Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle	



Orbit 2

Server Version: 20181130

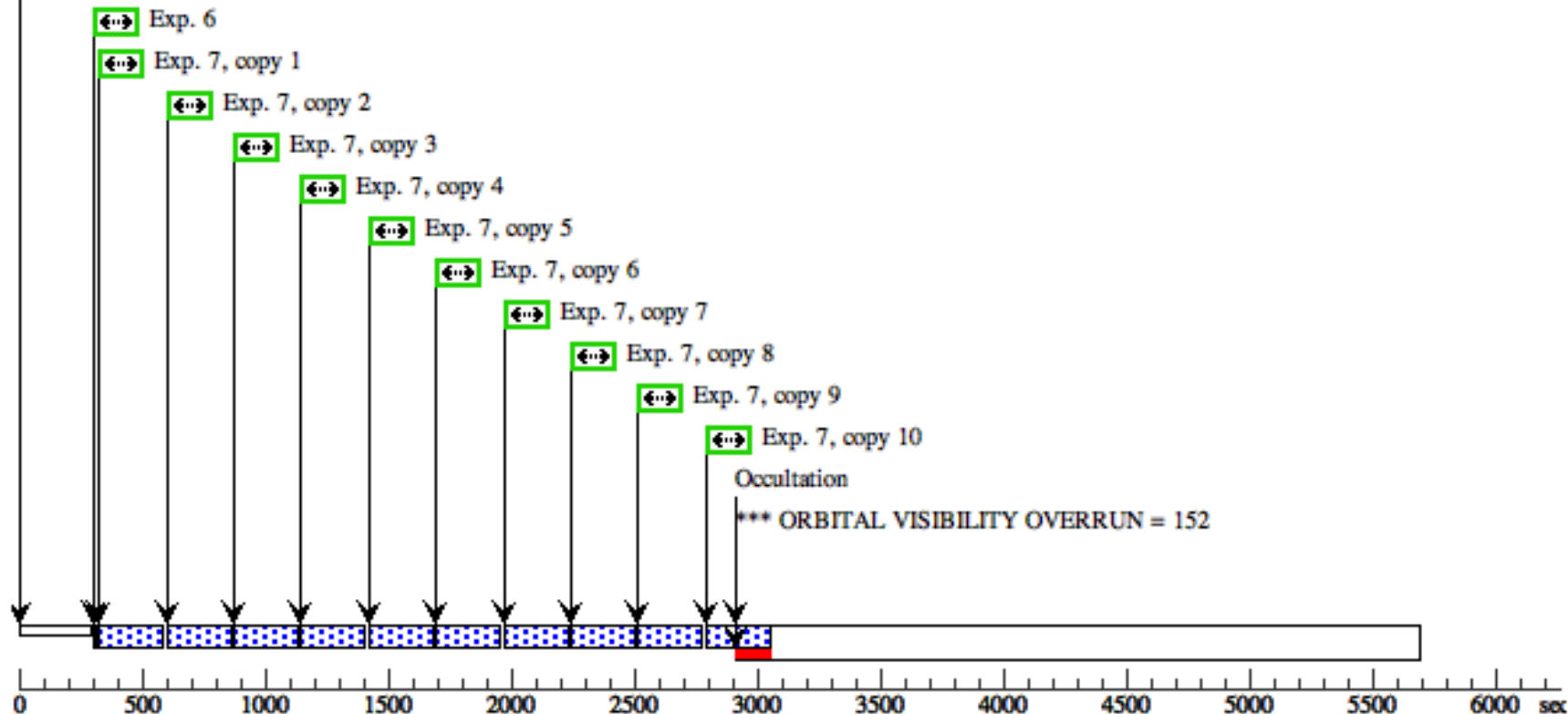
GS Reacq



Orbit 3

Server Version: 20181130

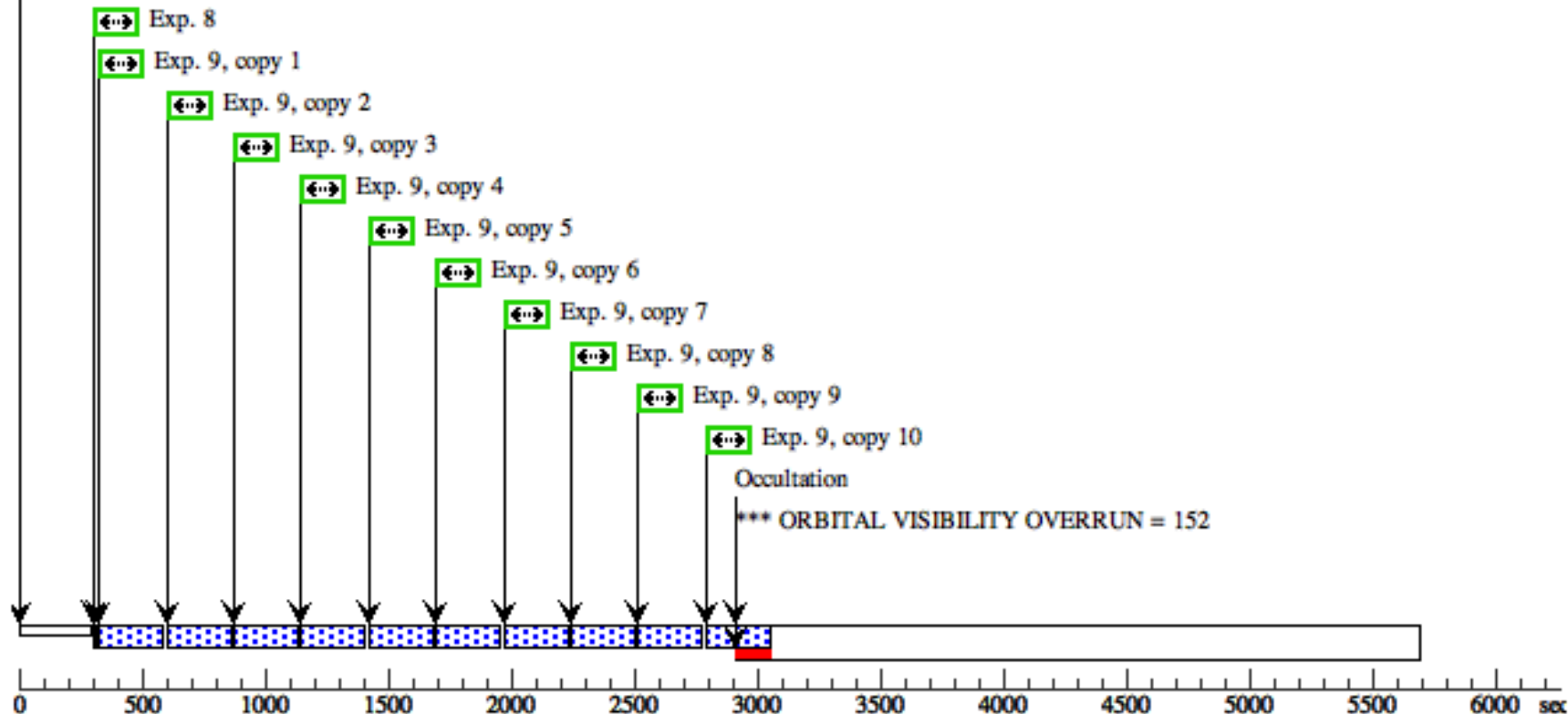
GS Reacq

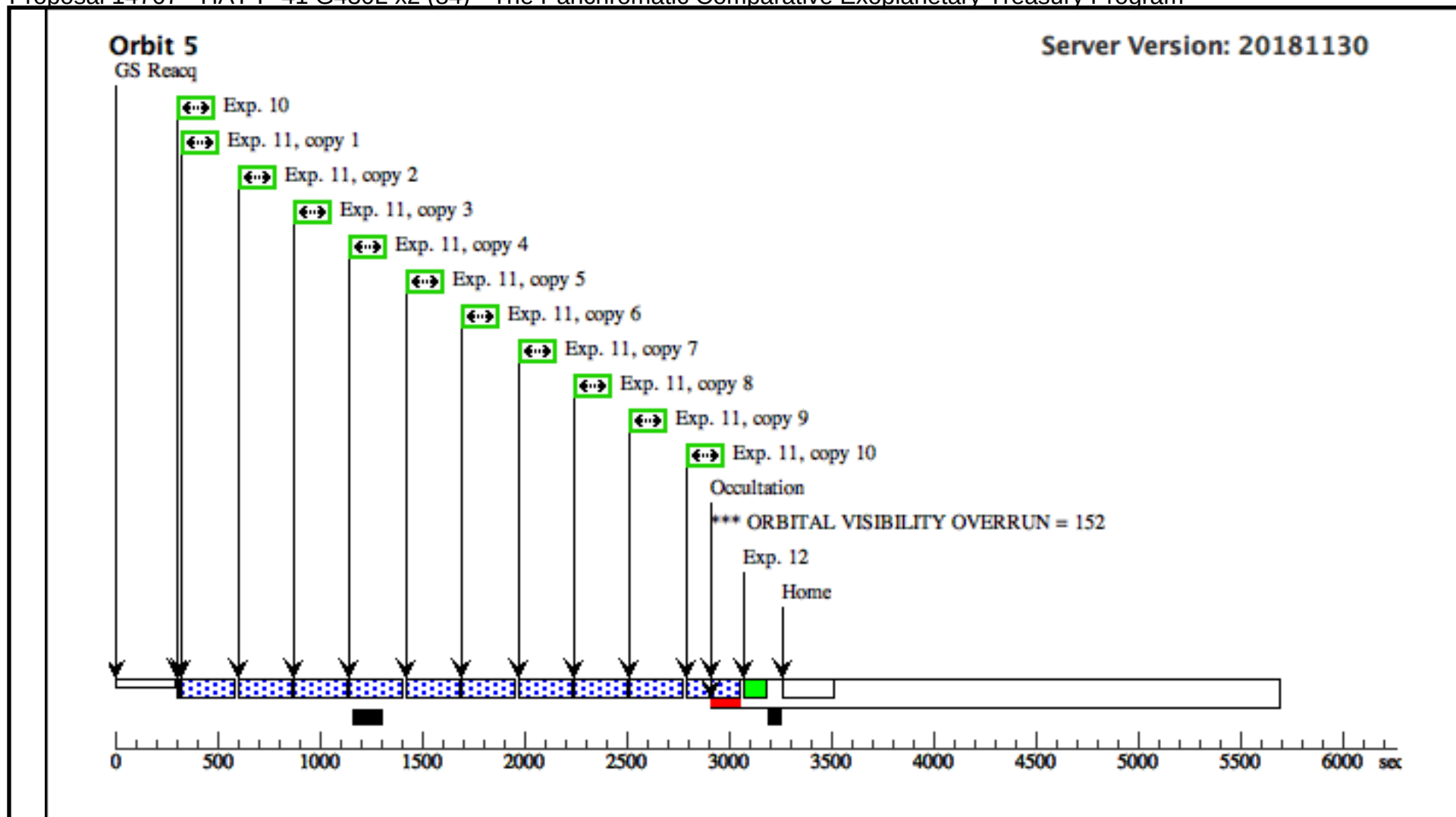


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - HAT-P-41 G750L (85) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-41 G750L (85), failed	Wed Jun 05 15:15:05 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 2.694047 D AND ZERO-PHASE HJD2454983.86167	
	Comments: HAT-P-41. G750L. STIS visit. It is essential that the five orbits be scheduled in a continuous block.	

[illegible]

Proposal 14767 - HAT-P-41 G750L (85) - The Panchromatic Comparative Exoplanetary Treasury Program

	(HAT-P-41 G750L (85)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(HAT-P-41 G750L (85)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(17)	HAT-P-41	RA: 19 49 17.4387 (297.3226612d)	Proper Motion RA: -7.6 mas/yr	V=11.1	Reference Frame: ICRS
			Dec: +04 40 20.72 (4.67242d)	Proper Motion Dec: -11.7 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
		Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.				
		Category=STAR				
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, G V-IV]					
	Extended=NO					

Proposal 14767 - HAT-P-41 G750L (85) - The Panchromatic Comparative Exoplanetary Treasury Program

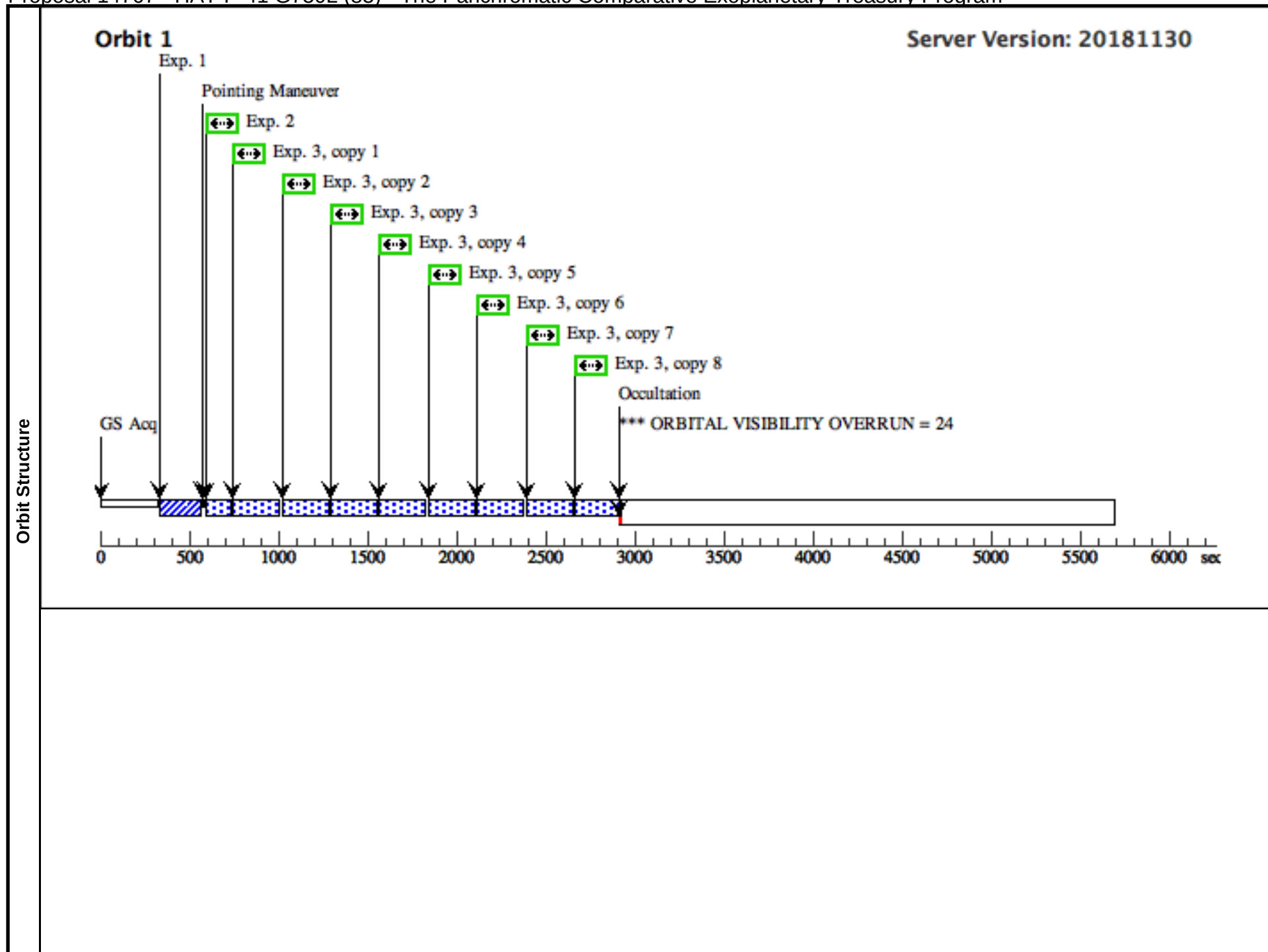
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5300)	(17) HAT-P-41	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.93 TO 0.934	Sequence 1-3 Non-Int in HAT-P-41 G750L (85)	0.5 Secs (0.5 Secs) [==>]	[1]
	2	HAT-P-41 G750L Orbit 1	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-41 G750L (85)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	HAT-P-41 G750L Orbit 1 (STIS.sp.82 2692)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-41 G750L (85)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	HAT-P-41 G750L Orbit 2	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-41 G750L (85)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	HAT-P-41 G750L Orbit 2 (STIS.sp.82 2692)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-41 G750L (85)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	HAT-P-41 G750L Orbit 3	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in HAT-P-41 G750L (85)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - HAT-P-41 G750L (85) - The Panchromatic Comparative Exoplanetary Treasury Program

7	HAT-P-41 G750L Orbit 3 (STIS.sp.82 2692)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in HAT-P-41 G750 L (85)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	HAT-P-41 G750L Orbit 4	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-41 G750 L (85)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	HAT-P-41 G750L Orbit 4 (STIS.sp.82 2692)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-41 G750 L (85)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	HAT-P-41 G750L Orbit 5	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in HAT-P-41 G750L (85)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	HAT-P-41 G750L Orbit 5 (STIS.sp.82 2692)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in HAT-P-41 G750L (85)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - HAT-P-41 G750L (85) - The Panchromatic Comparative Exoplanetary Treasury Program

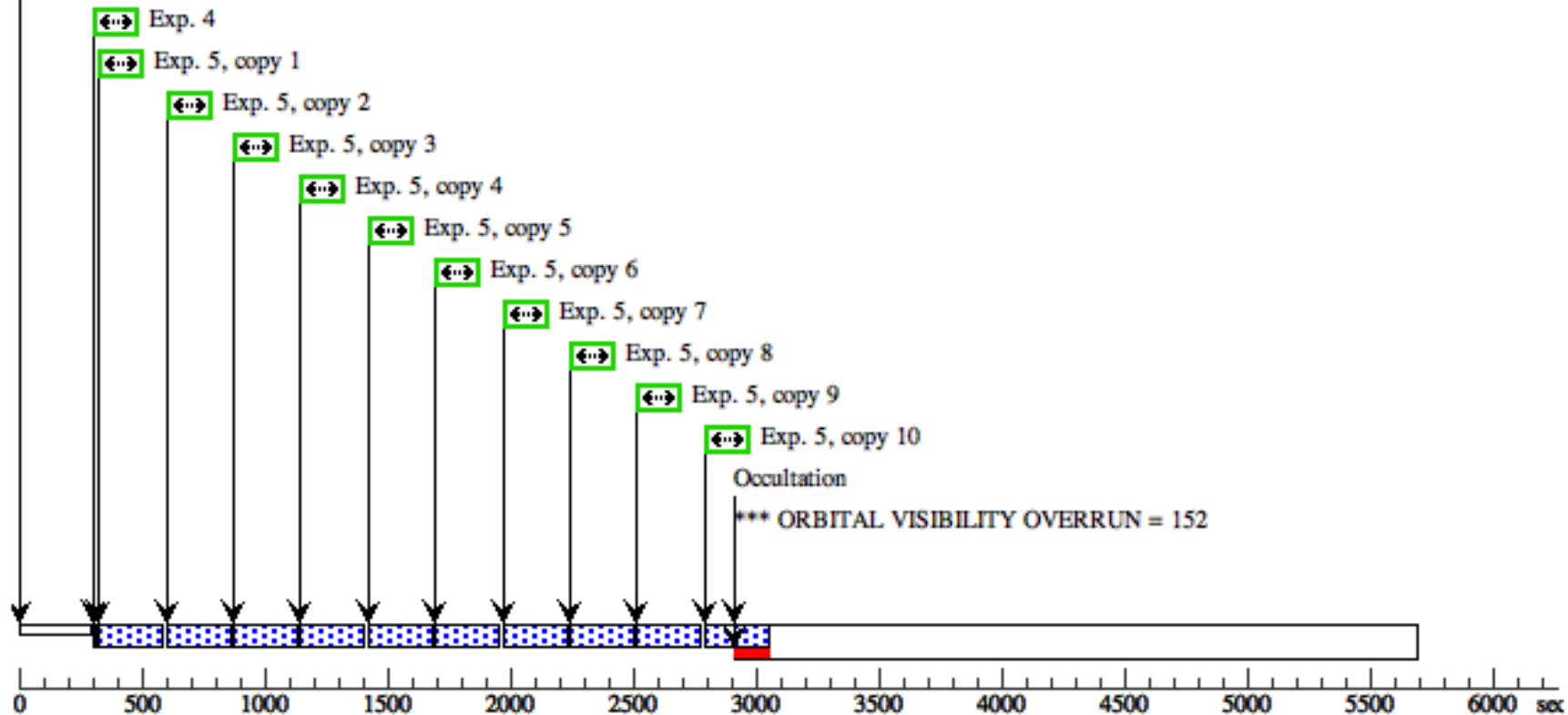
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	Sequence 10-14 Non -Int in HAT-P-41 G7 50L (85)	[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>							
13	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	Sequence 10-14 Non -Int in HAT-P-41 G7 50L (85)	[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	Sequence 10-14 Non -Int in HAT-P-41 G7 50L (85)	240 Secs X 4 (960 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]
<i>Comments: Expected peak count level = 50,000 e-</i>							



Orbit 2

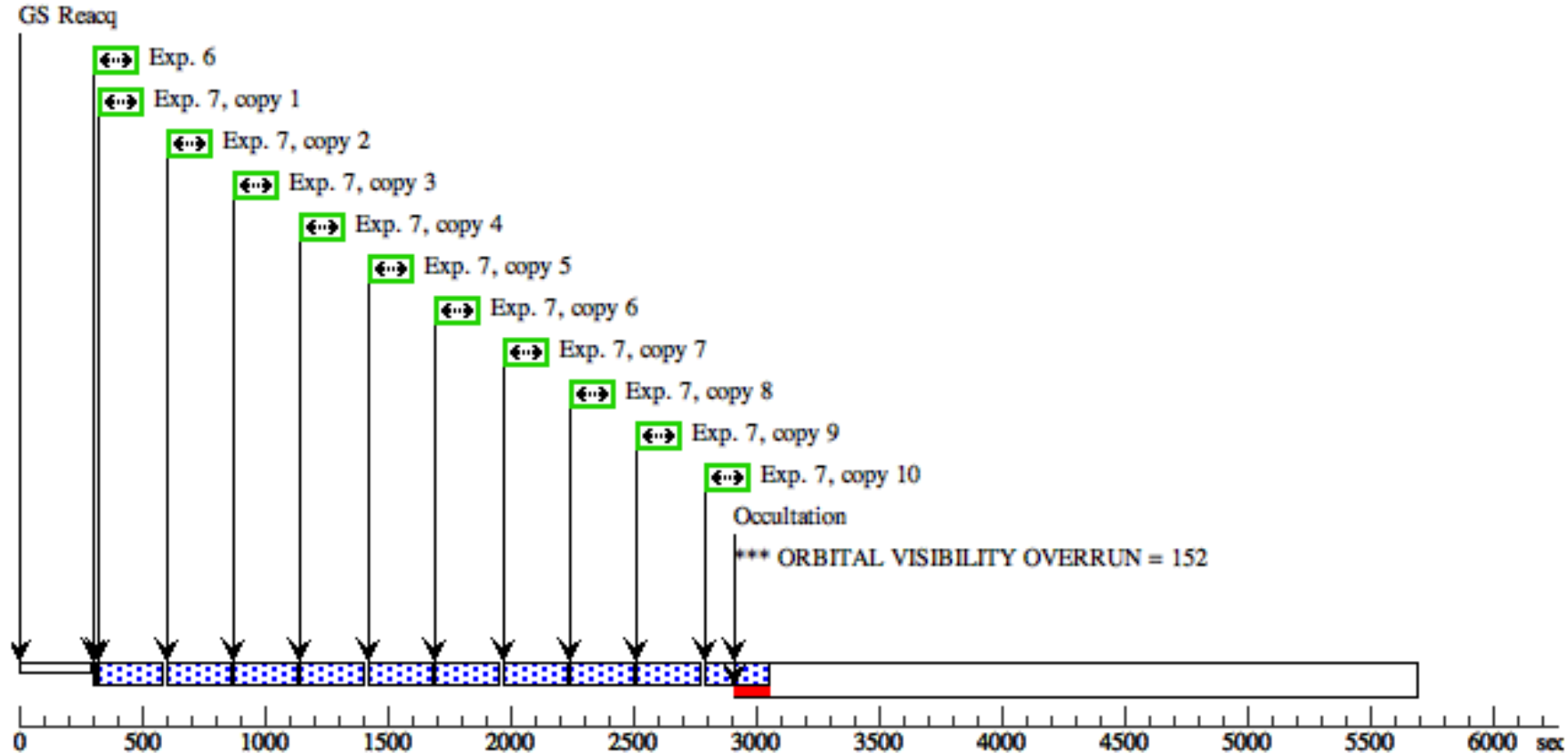
Server Version: 20181130

GS Reacq



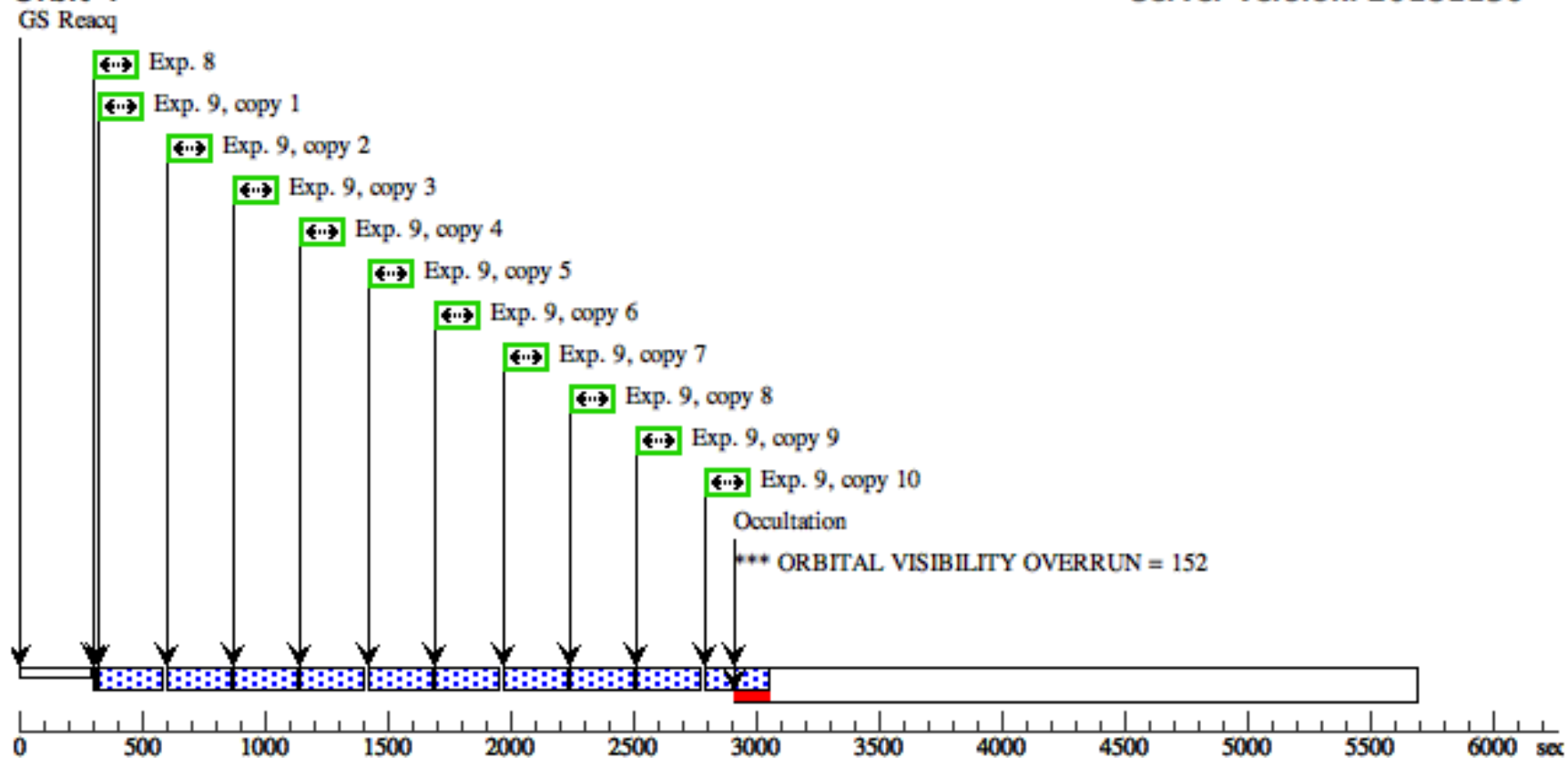
Orbit 3

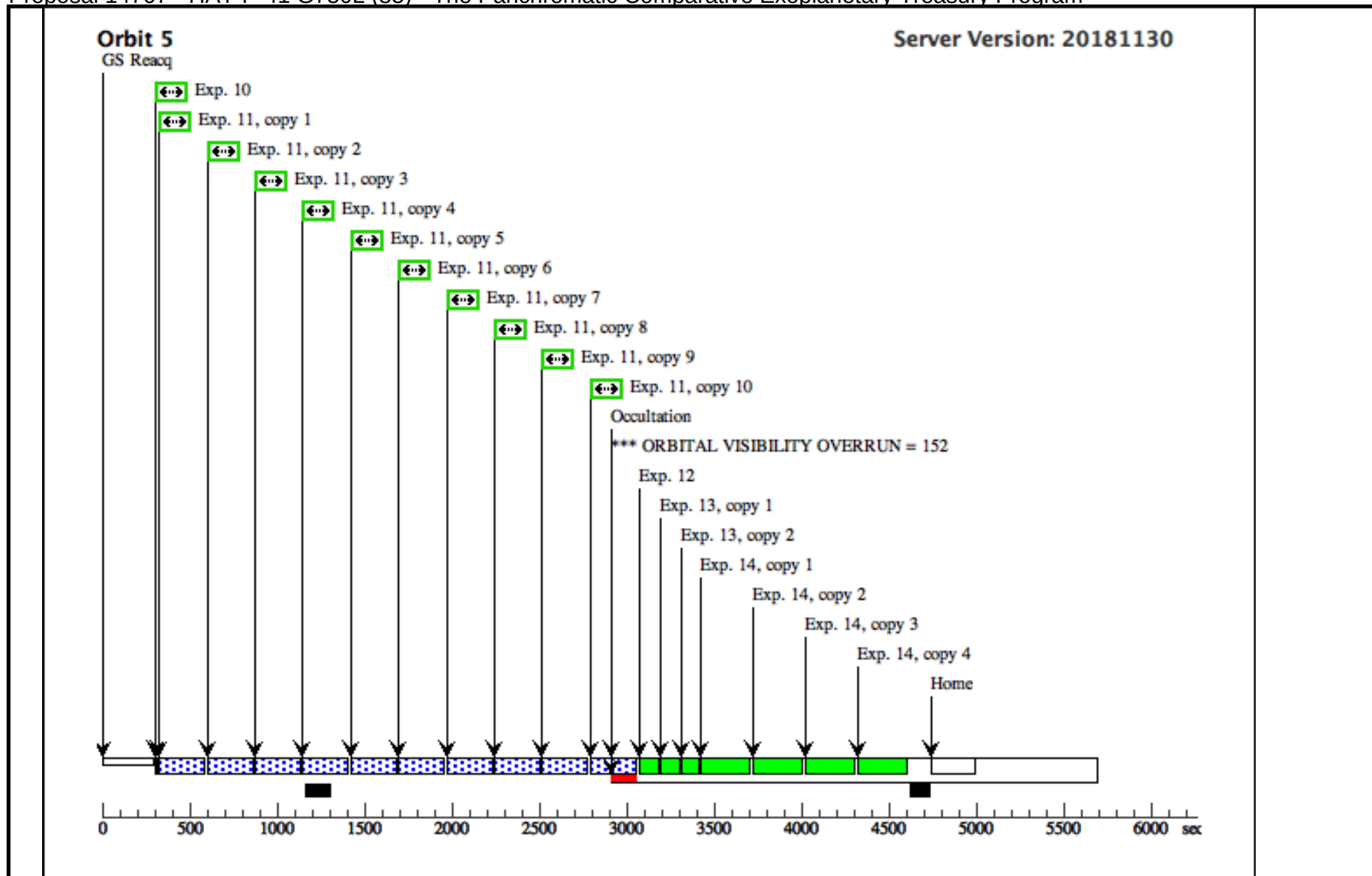
Server Version: 20181130



Orbit 4

Server Version: 20181130





Proposal 14767 - HAT-P-41 G750L (H5) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-41 G750L (H5), completed	Wed Jun 05 15:15:06 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 2.694047 D AND ZERO-PHASE HJD2454983.86167	
	Comments: HAT-P-41. G750L. STIS visit. It is essential that the five orbits be scheduled in a continuous block. Repeat of failed visit 85	

[illegible]

Proposal 14767 - HAT-P-41 G750L (H5) - The Panchromatic Comparative Exoplanetary Treasury Program

	(HAT-P-41 G750L (H5)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(HAT-P-41 G750L (H5)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(17)	HAT-P-41	RA: 19 49 17.4387 (297.3226612d)	Proper Motion RA: -7.6 mas/yr	V=11.1
			Dec: +04 40 20.72 (4.67242d)	Proper Motion Dec: -11.7 mas/yr	
			Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.				
	Category=STAR				
Description=[EXTRA-SOLAR PLANETARY SYSTEM, G V-IV]					
Extended=NO					
	Reference Frame: ICRS				

Proposal 14767 - HAT-P-41 G750L (H5) - The Panchromatic Comparative Exoplanetary Treasury Program

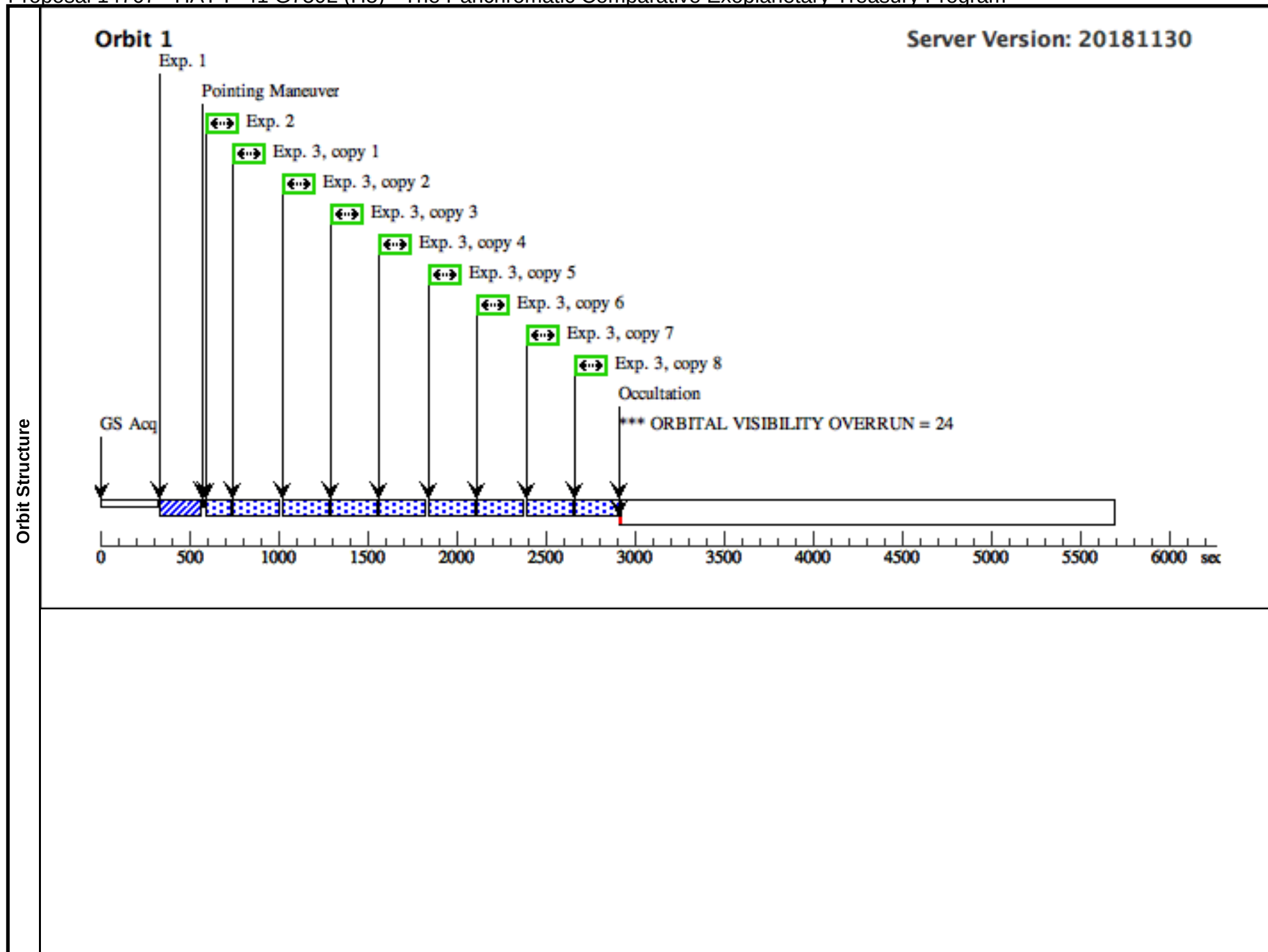
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5300)	(17) HAT-P-41	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.93 TO 0.934	Sequence 1-3 Non-Int in HAT-P-41 G750L (H5)	0.5 Secs (0.5 Secs) [==>]	[1]
	2	HAT-P-41 G750L Orbit 1	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-41 G750L (H5)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	HAT-P-41 G750L Orbit 1 (STIS.sp.82 2692)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in HAT-P-41 G750L (H5)	253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	HAT-P-41 G750L Orbit 2	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-41 G750L (H5)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	HAT-P-41 G750L Orbit 2 (STIS.sp.82 2692)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in HAT-P-41 G750L (H5)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	HAT-P-41 G750L Orbit 3	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 6-7 Non-Int in HAT-P-41 G750L (H5)	1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - HAT-P-41 G750L (H5) - The Panchromatic Comparative Exoplanetary Treasury Program

7	HAT-P-41 G750L Orbit 3 (STIS.sp.82 2692)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in HAT-P-41 G750 L (H5)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	HAT-P-41 G750L Orbit 4	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-41 G750 L (H5)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
9	HAT-P-41 G750L Orbit 4 (STIS.sp.82 2692)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in HAT-P-41 G750 L (H5)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	HAT-P-41 G750L Orbit 5	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in HAT-P-41 G750L (H5)	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>								
11	HAT-P-41 G750L Orbit 5 (STIS.sp.82 2692)	(17) HAT-P-41	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in HAT-P-41 G750L (H5)	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - HAT-P-41 G750L (H5) - The Panchromatic Comparative Exoplanetary Treasury Program

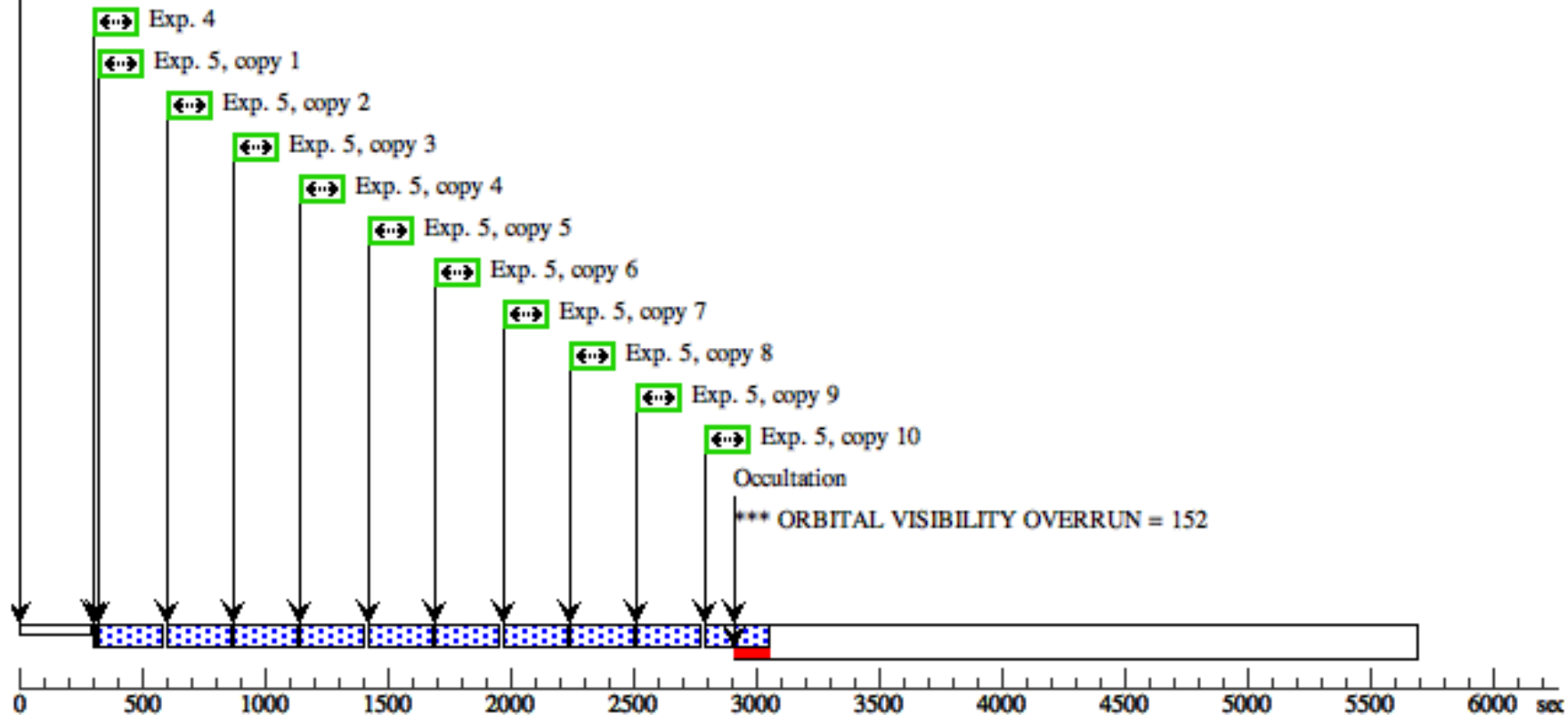
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	Sequence 10-14 Non -Int in HAT-P-41 G7 50L (H5)	[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>							
13	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	Sequence 10-14 Non -Int in HAT-P-41 G7 50L (H5)	[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	Sequence 10-14 Non -Int in HAT-P-41 G7 50L (H5)	240 Secs X 4 (960 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]
<i>Comments: Expected peak count level = 50,000 e-</i>							



Orbit 2

Server Version: 20181130

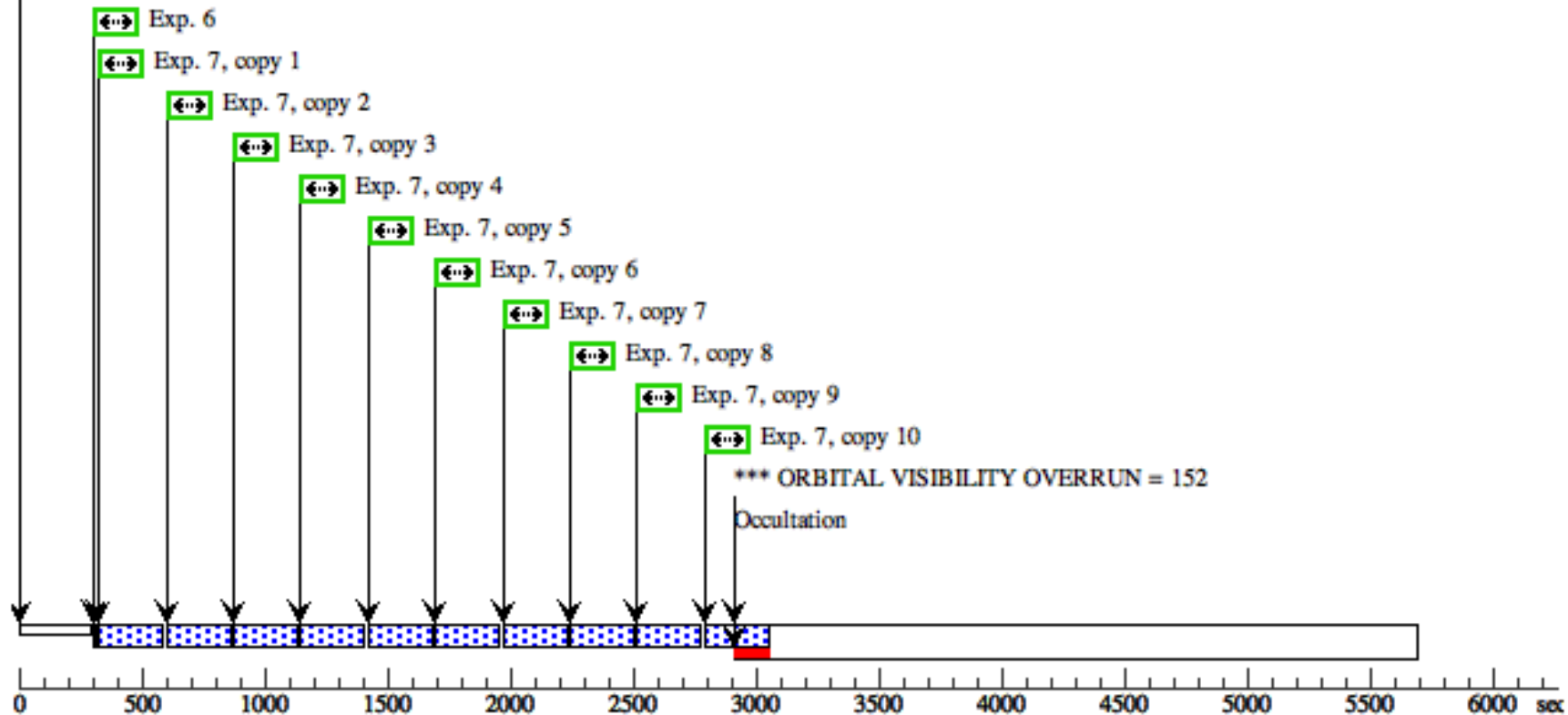
GS Reacq



Orbit 3

Server Version: 20181130

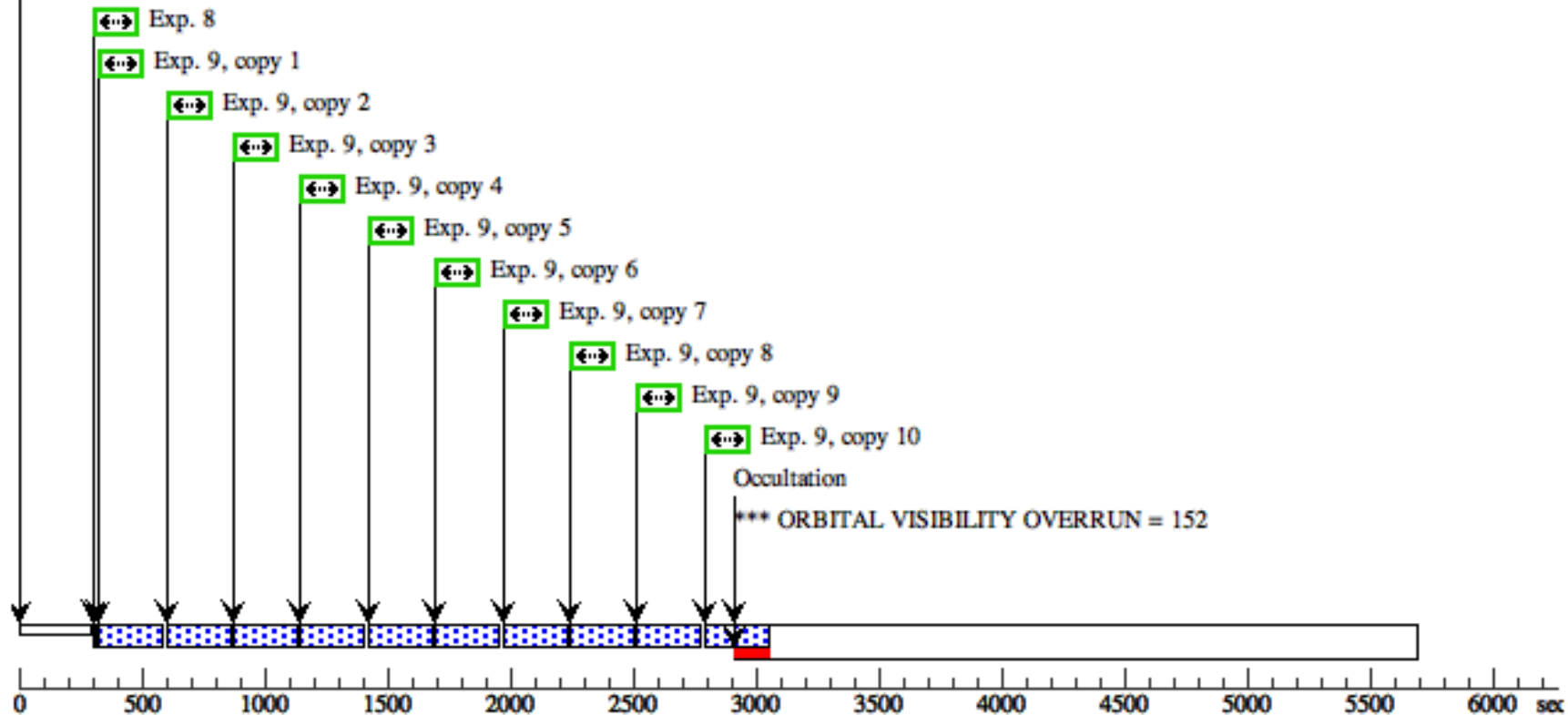
GS Reacq

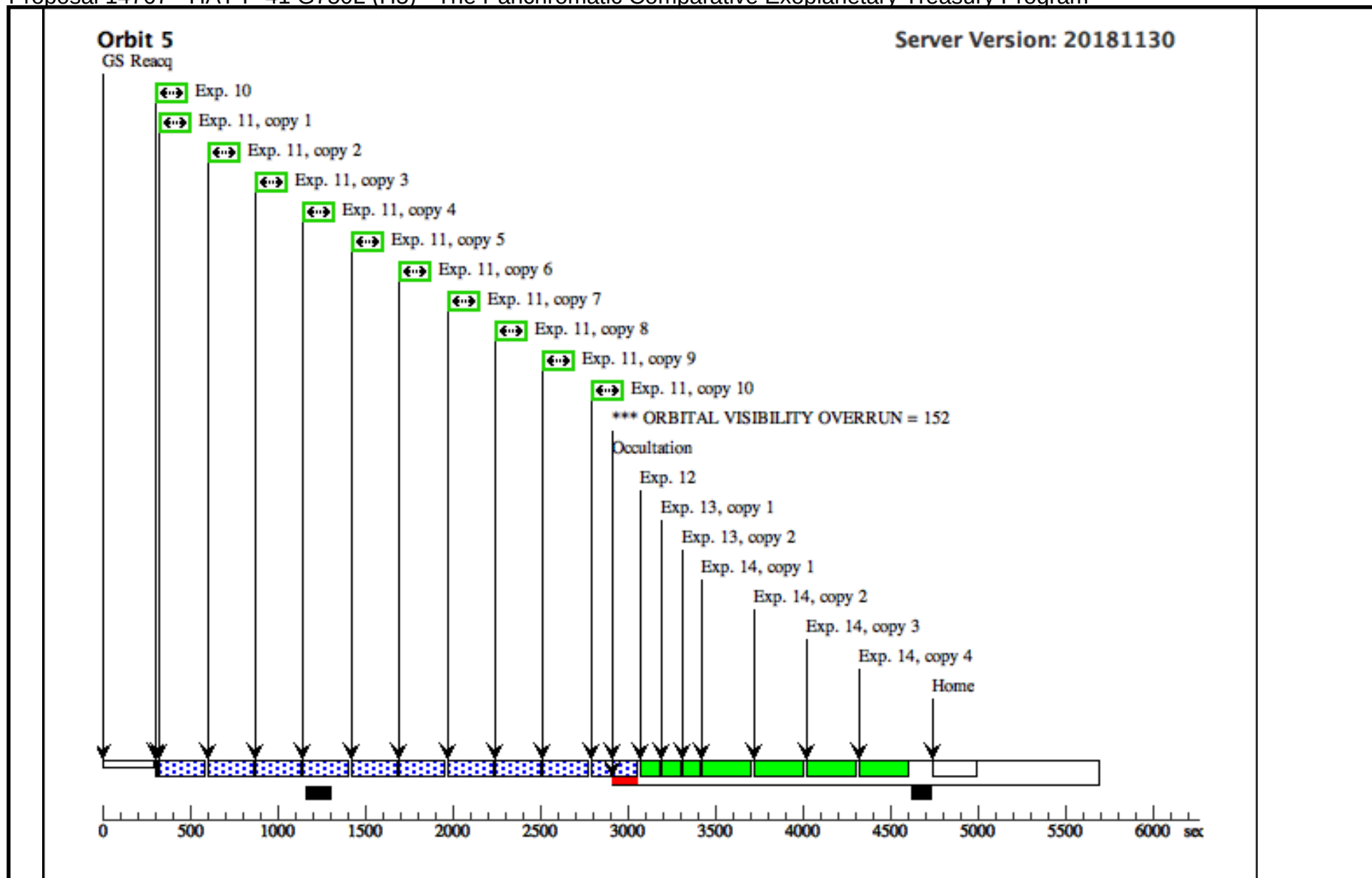


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - HAT-P-41 WFC3 Eclipse (86) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-41 WFC3 Eclipse (86), completed Wed Jun 05 15:15:06 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; ORIENT 82D TO 202 D; ORIENT 262D TO 360 D; ORIENT 0.1D TO 22 D; Period 2.694047 D AND ZERO-PHASE HJD2454983.86167 <i>Comments: It is essential that the five orbits be scheduled in a coninuous block.</i>				
Diagnostics	(HAT-P-41 WFC3 Eclipse (86)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Eclipse (86)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Eclipse (86)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Eclipse (86)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Eclipse (86)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Eclipse (86)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Eclipse (86)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Eclipse (86)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Eclipse (86)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(17)	HAT-P-41	RA: 19 49 17.4387 (297.3226612d) Dec: +04 40 20.72 (4.67242d) Equinox: J2000	Proper Motion RA: -7.6 mas/yr Proper Motion Dec: -11.7 mas/yr Epoch of Position: 2000	V=11.1 Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, G V-IV] Extended=NO				

Proposal 14767 - HAT-P-41 WFC3 Eclipse (86) - The Panchromatic Comparative Exoplanetary Treasury Program

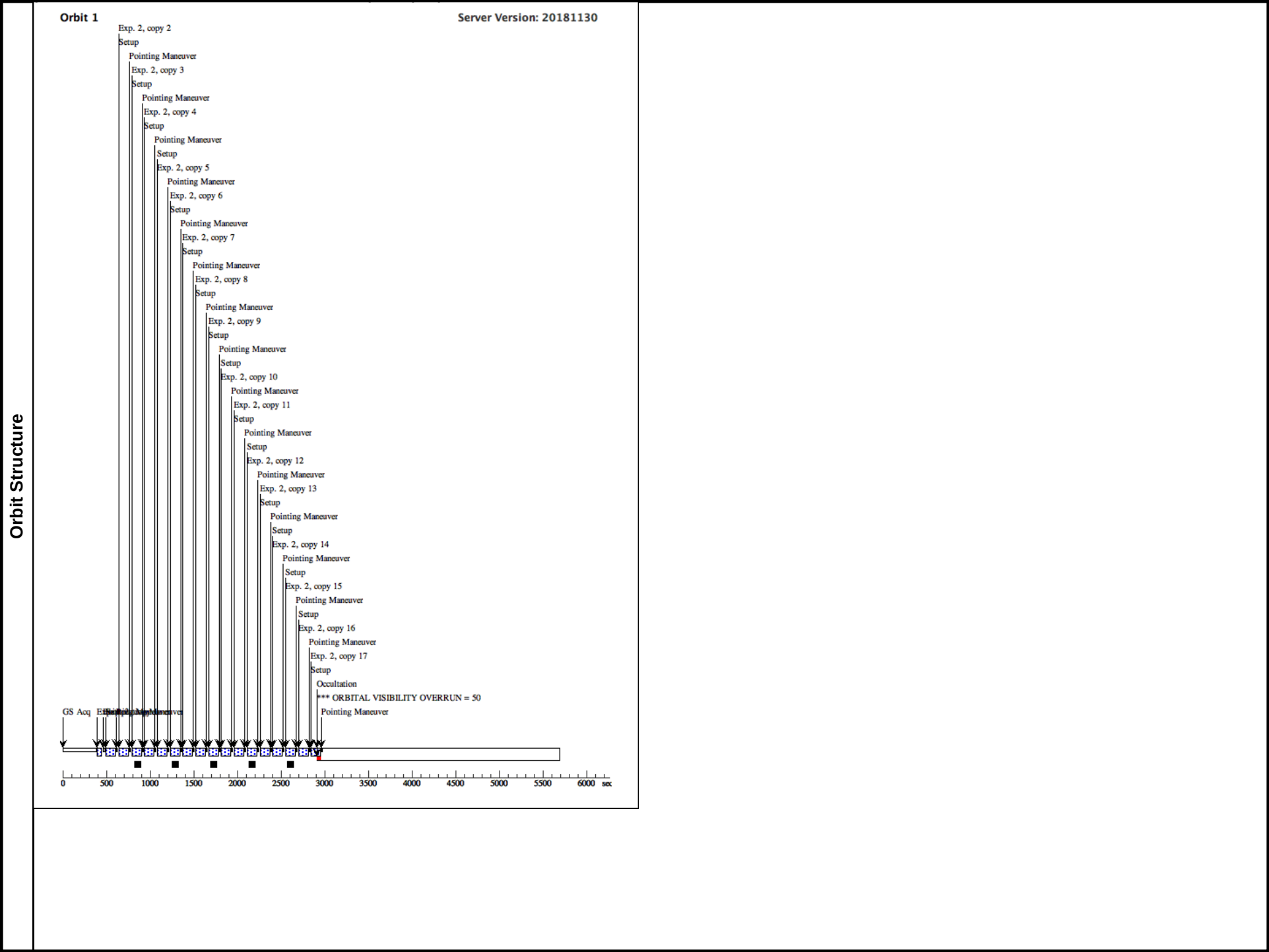
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(17) HAT-P-41	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=5; SAMP-SEQ=SPARS10	POS TARG 0.0,0.0; PHASE 0.4300 TO 0.4394	Sequence 1-2 Non-Int in HAT-P-41 WFC3 Eclipse (86)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2		(17) HAT-P-41	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS10; NSAMP=12	POS TARG 0.0,-8; SPATIAL SCAN 0.0 65,90.0 Degrees,Forward	Sequence 1-2 Non-Int in HAT-P-41 WFC3 Eclipse (86)	81.089172 Secs X 17 (1378.516 Secs) [==>(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]
	3		(17) HAT-P-41	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS10; NSAMP=12	POS TARG 0.0,-8; SPATIAL SCAN 0.0 65,90.0 Degrees,Forward	Sequence 3-3 Non-Int in HAT-P-41 WFC3 Eclipse (86)	81.089172 Secs X 19 (1540.694 Secs) [==>(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)]	[2]

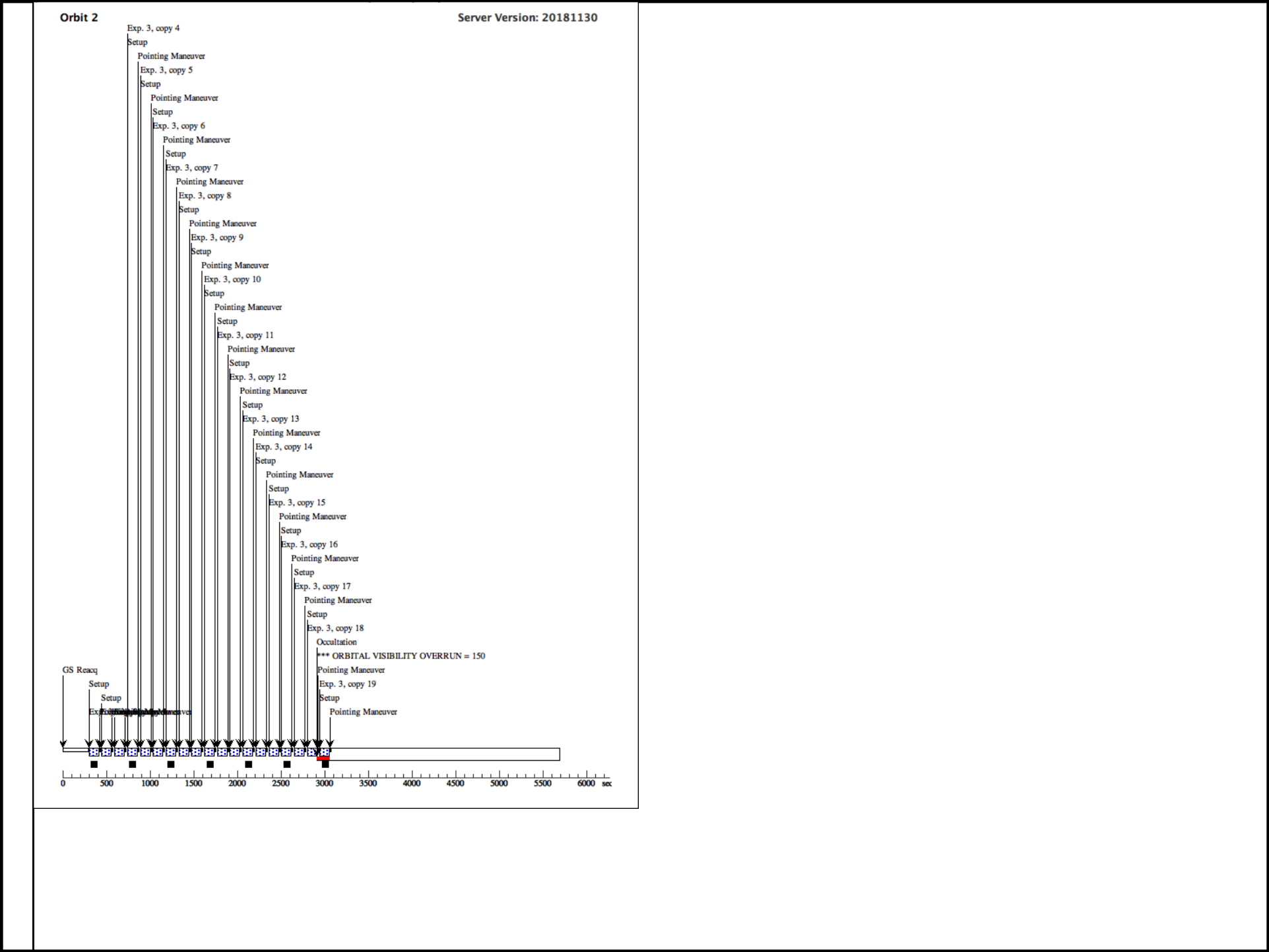
Proposal 14767 - HAT-P-41 WFC3 Eclipse (86) - The Panchromatic Comparative Exoplanetary Treasury Program

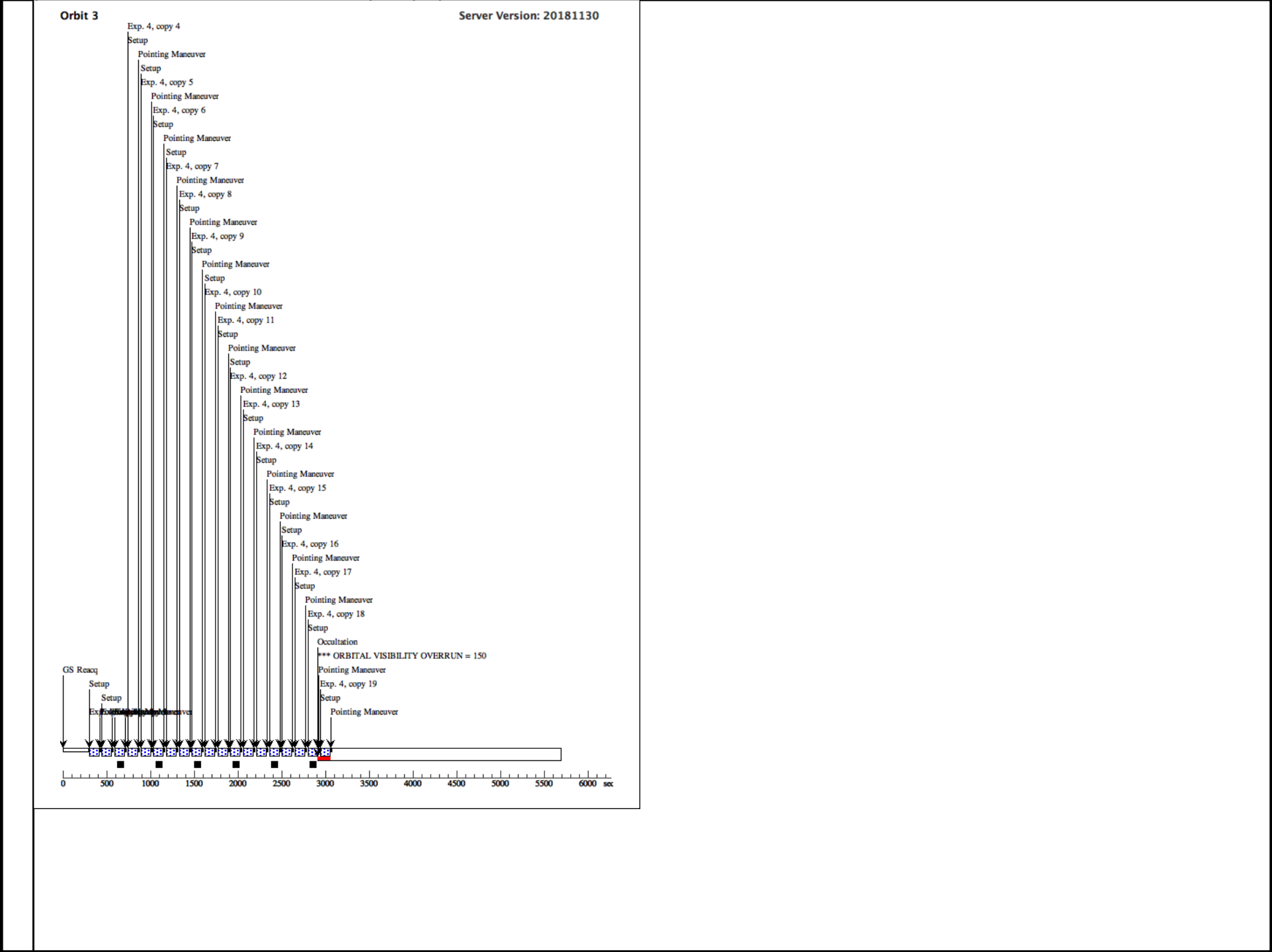
4	(17) HAT-P-41	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=12	POS TARG 0.0,-8; SPATIAL SCAN 0.0 65,90.0 Degrees,For ward	Sequence 4-4 Non-In t in HAT-P-41 WFC 3 Eclipse (86)	81.089172 Secs X 19 (1540.694 Sec s)	
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 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)]	[3]
5	(17) HAT-P-41	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=12	POS TARG 0.0,-8; SPATIAL SCAN 0.0 65,90.0 Degrees,For ward	Sequence 5-5 Non-In t in HAT-P-41 WFC 3 Eclipse (86)	81.089172 Secs X 19 (1540.694 Sec s)	
							[==>(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)]	[4]

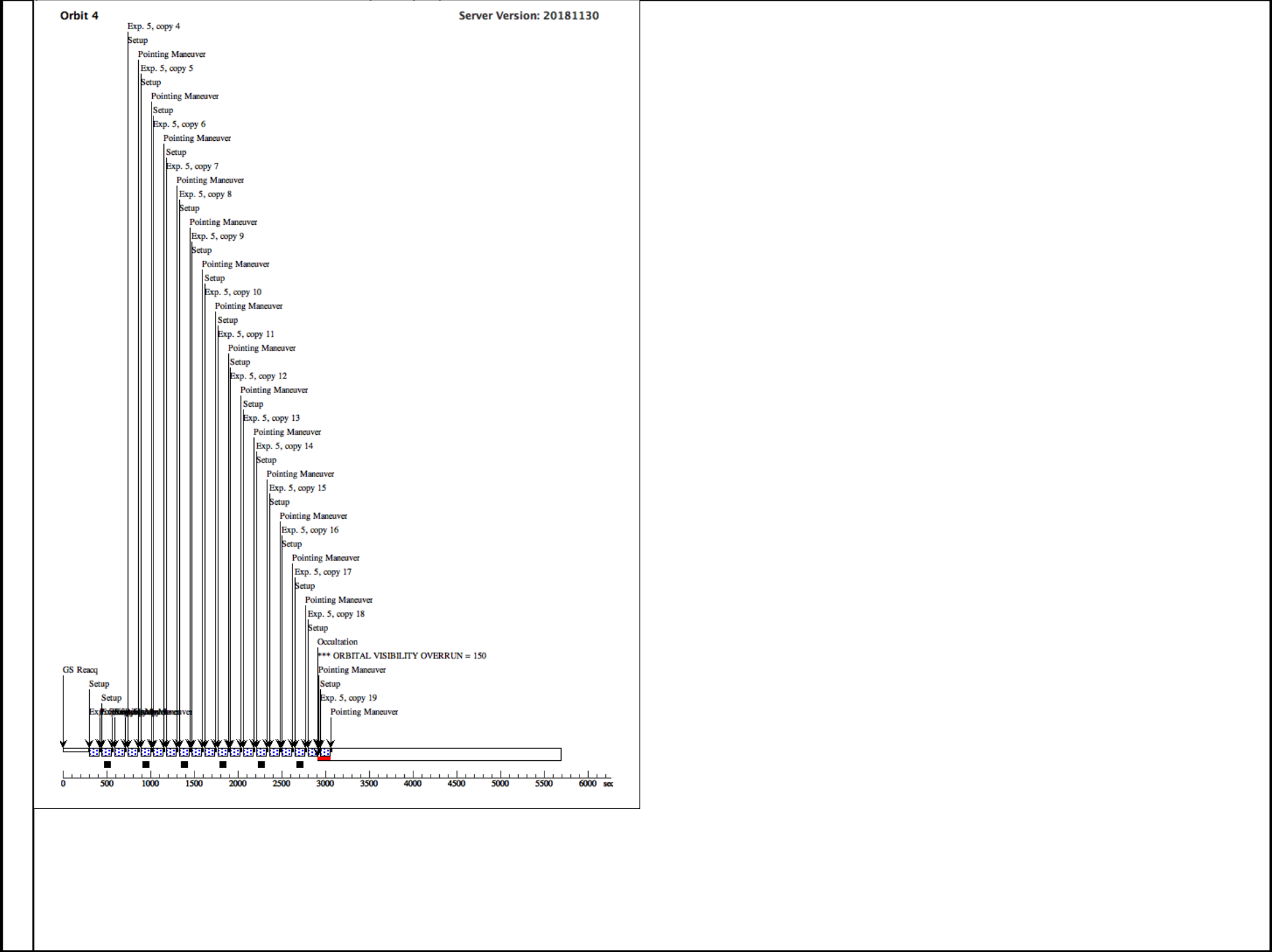
Proposal 14767 - HAT-P-41 WFC3 Eclipse (86) - The Panchromatic Comparative Exoplanetary Treasury Program

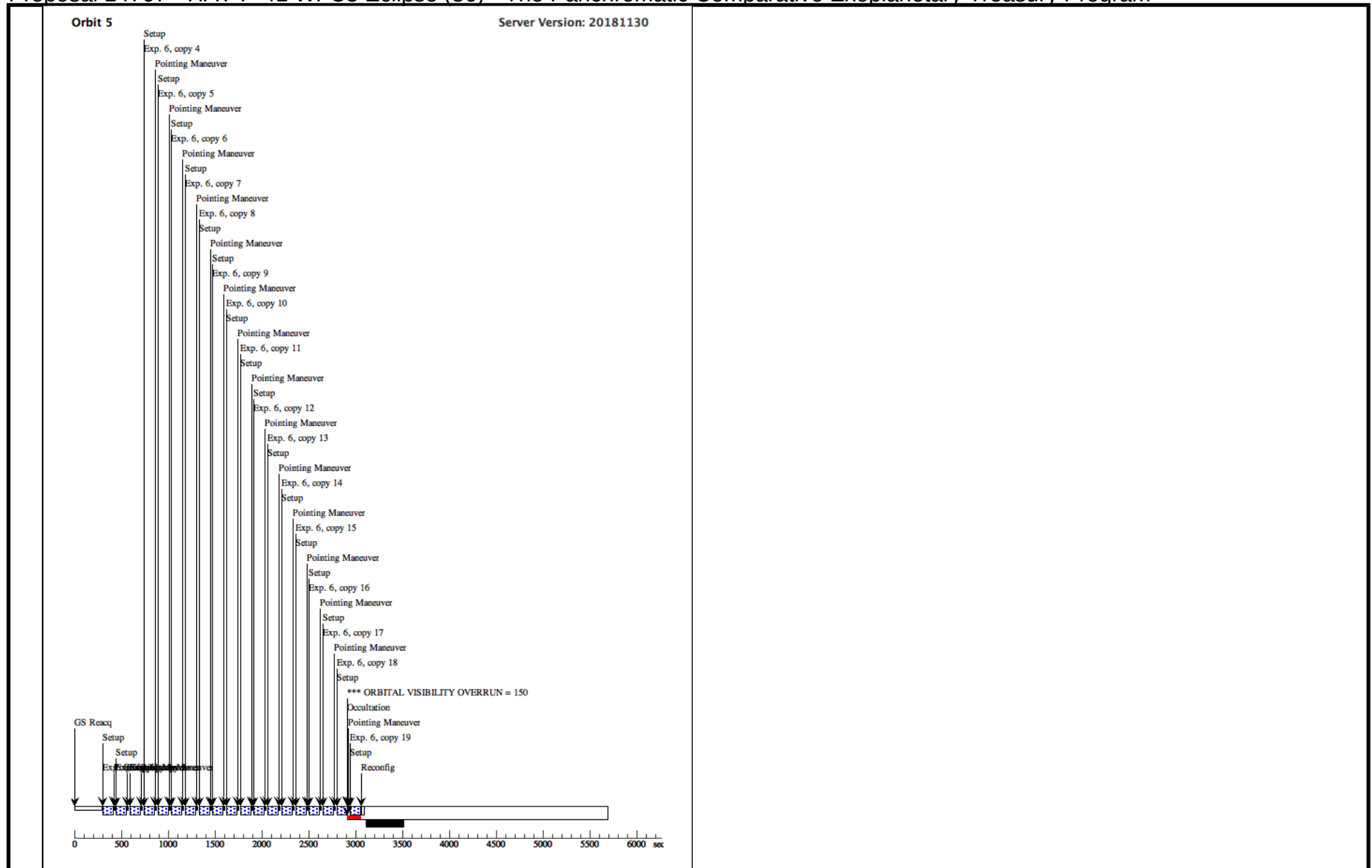
6	(17) HAT-P-41	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=12	POS TARG 0.0,-8; SPATIAL SCAN 0.0 65,90.0 Degrees,For ward	Sequence 6-6 Non-In t in HAT-P-41 WFC 3 Eclipse (86)	81.089172 Secs X 19 (1540.694 Sec s)	
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 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)]	[5]











Proposal 14767 - HAT-P-41 WFC3 Transit (87) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, HAT-P-41 WFC3 Transit (87), completed Wed Jun 05 15:15:06 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; ORIENT 82D TO 202 D; ORIENT 262D TO 360 D; ORIENT 0.1D TO 22 D; Period 2.694047 D AND ZERO-PHASE HJD2454983.86167 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>				
Diagnostics	(HAT-P-41 WFC3 Transit (87)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Transit (87)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Transit (87)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Transit (87)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Transit (87)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Transit (87)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Transit (87)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Transit (87)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HAT-P-41 WFC3 Transit (87)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
	(17)	HAT-P-41	RA: 19 49 17.4387 (297.3226612d) Dec: +04 40 20.72 (4.67242d) Equinox: J2000	Proper Motion RA: -7.6 mas/yr Proper Motion Dec: -11.7 mas/yr Epoch of Position: 2000	V=11.1 Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, G V-IV] Extended=NO				

Proposal 14767 - HAT-P-41 WFC3 Transit (87) - The Panchromatic Comparative Exoplanetary Treasury Program

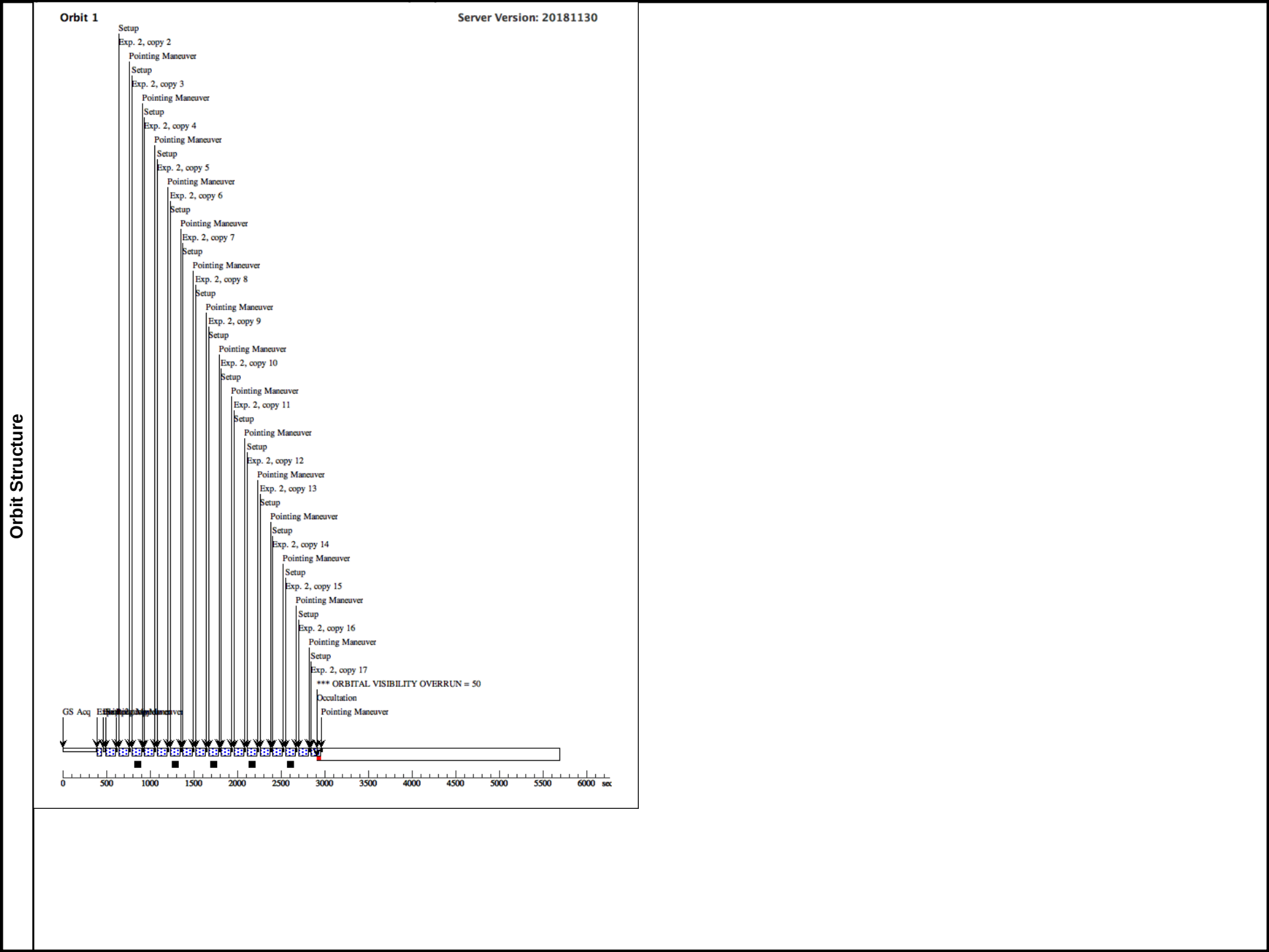
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(17) HAT-P-41	WFC3/IR, MULTIACCUM, IRSUB256	F139M	NSAMP=5; SAMP-SEQ=SPARS10	POS TARG 0.0,0.0; PHASE 0.9300 TO 0.9394	Sequence 1-2 Non-Int in HAT-P-41 WFC3 Transit (87)	29.663763 Secs (29.664 Secs) [==>]	[1]
	2		(17) HAT-P-41	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS10; NSAMP=12	POS TARG 0.0,-8; SPATIAL SCAN 0.0 65,90.0 Degrees,Forward	Sequence 1-2 Non-Int in HAT-P-41 WFC3 Transit (87)	81.089172 Secs X 17 (1378.516 Secs) [==>(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]
	3		(17) HAT-P-41	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS10; NSAMP=12	POS TARG 0.0,-8; SPATIAL SCAN 0.0 65,90.0 Degrees,Forward	Sequence 3-3 Non-Int in HAT-P-41 WFC3 Transit (87)	81.089172 Secs X 19 (1540.694 Secs) [==>(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)]	[2]

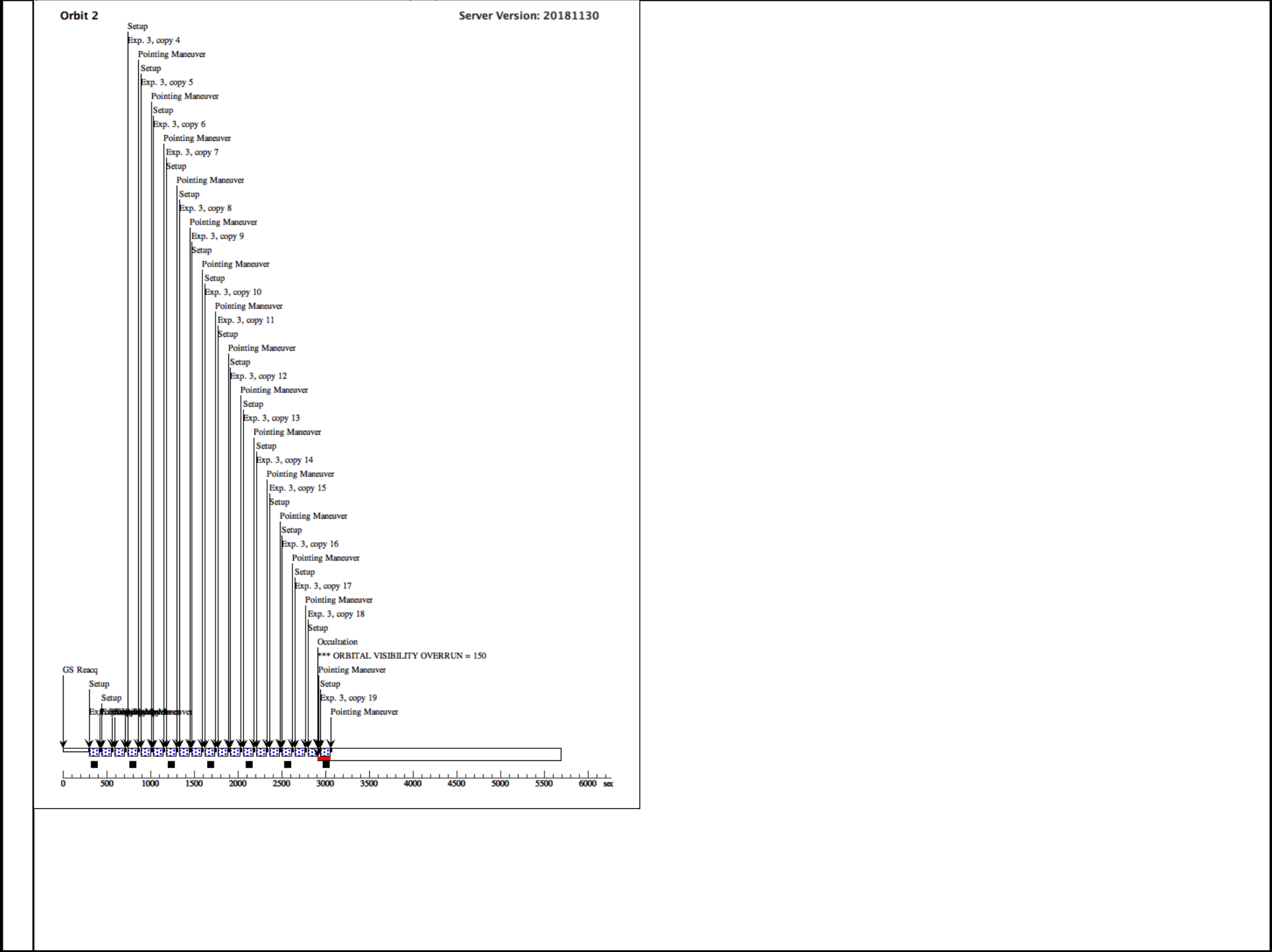
Proposal 14767 - HAT-P-41 WFC3 Transit (87) - The Panchromatic Comparative Exoplanetary Treasury Program

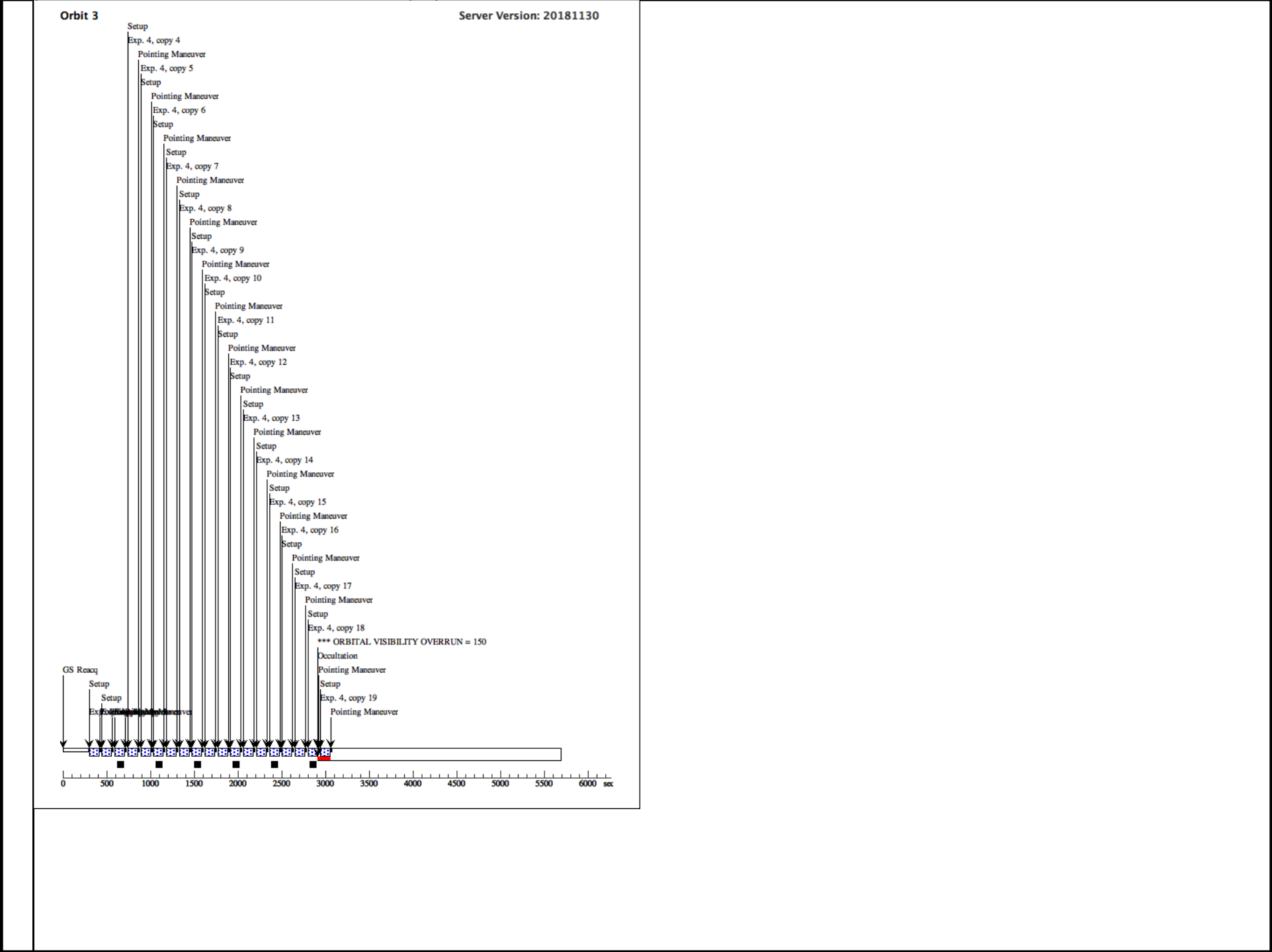
4	(17) HAT-P-41	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=12	POS TARG 0.0,-8; SPATIAL SCAN 0.0 65,90.0 Degrees,For ward	Sequence 4-4 Non-In t in HAT-P-41 WFC 3 Transit (87)	81.089172 Secs X 19 (1540.694 Sec s)	
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 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)]	[3]
5	(17) HAT-P-41	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=12	POS TARG 0.0,-8; SPATIAL SCAN 0.0 65,90.0 Degrees,For ward	Sequence 5-5 Non-In t in HAT-P-41 WFC 3 Transit (87)	81.089172 Secs X 19 (1540.694 Sec s)	
							[==>(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)]	[4]

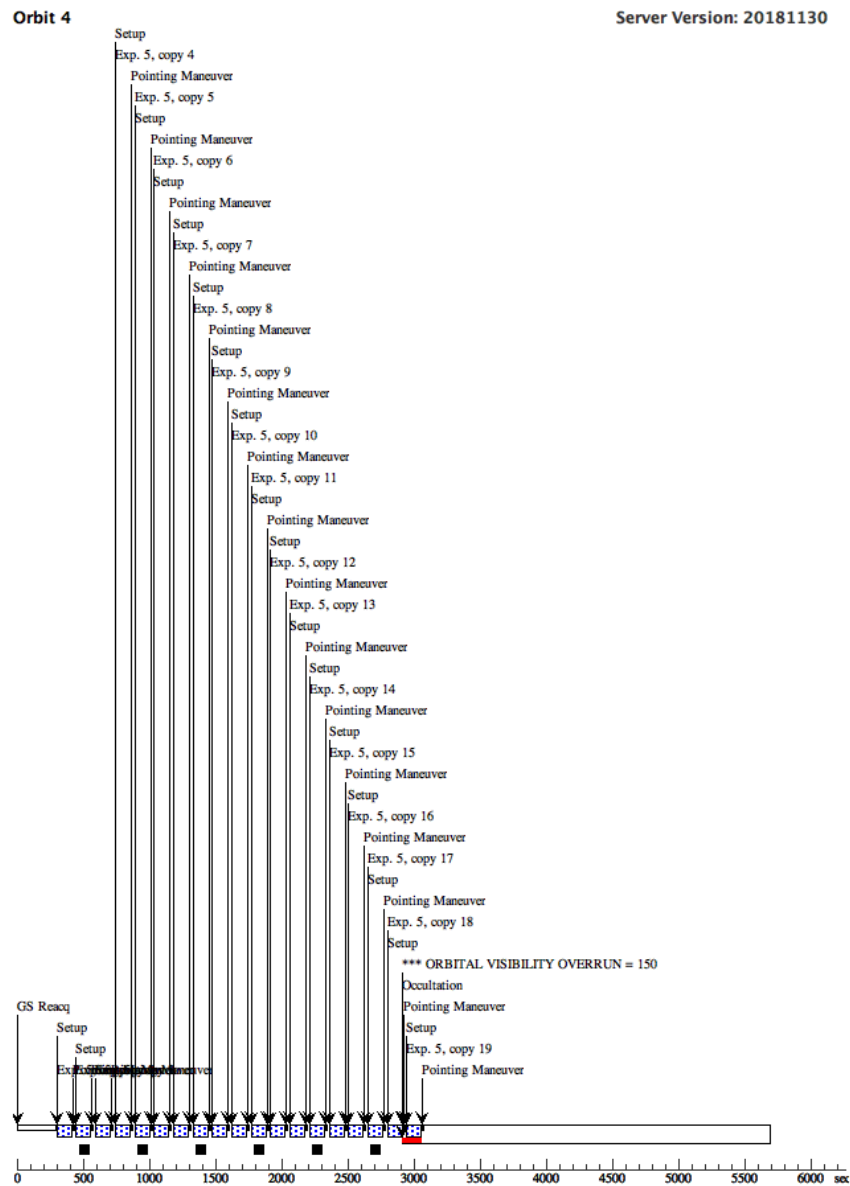
Proposal 14767 - HAT-P-41 WFC3 Transit (87) - The Panchromatic Comparative Exoplanetary Treasury Program

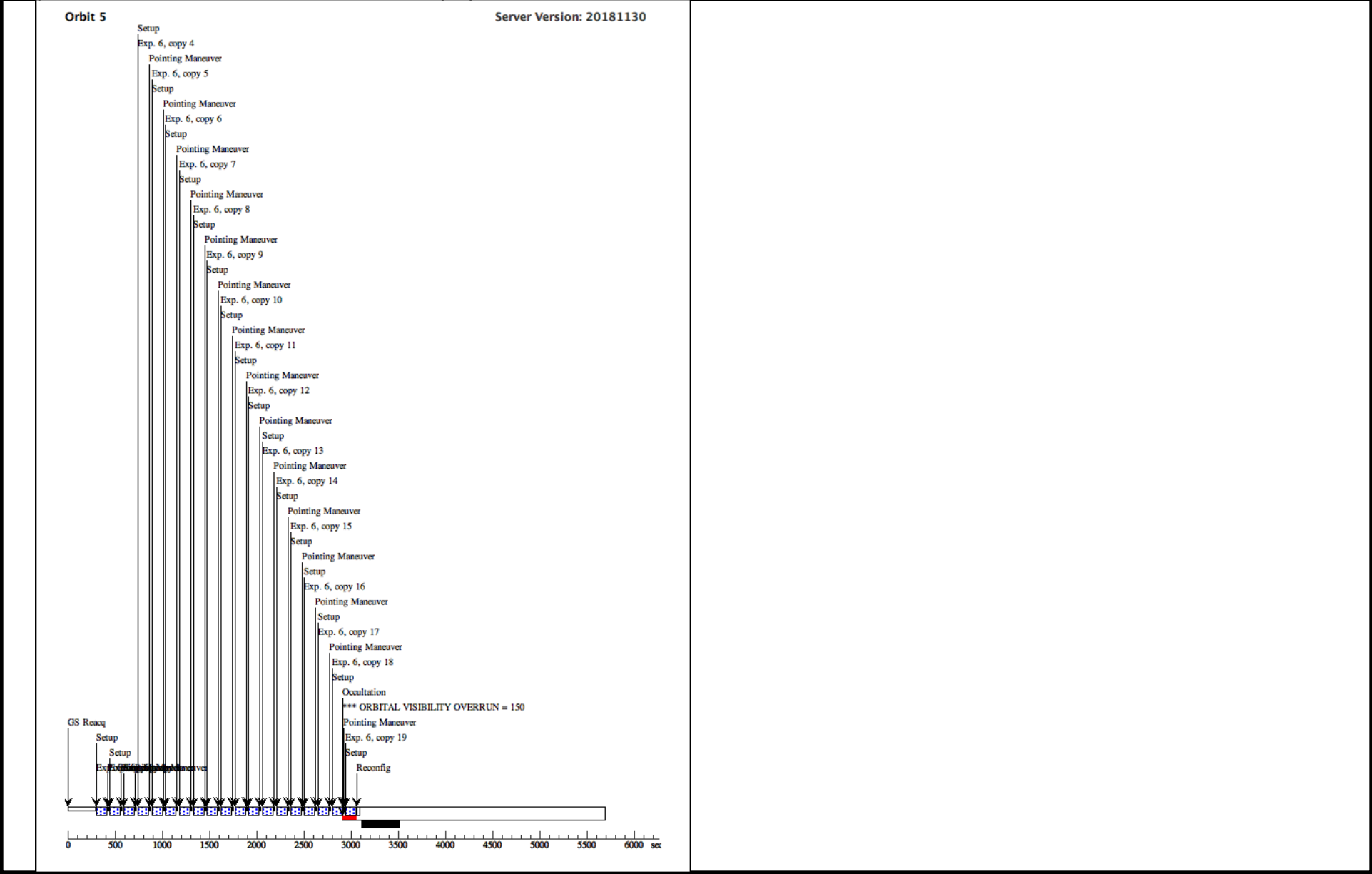
6	(17) HAT-P-41	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=12	POS TARG 0.0,-8; SPATIAL SCAN 0.0 65,90.0 Degrees,For ward	Sequence 6-6 Non-In t in HAT-P-41 WFC 3 Transit (87)	81.089172 Secs X 19 (1540.694 Sec s)	
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 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)]	[5]











Proposal 14767 - KELT-7 G430L (88) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, KELT-7 G430L (88), failed	Wed Jun 05 15:15:06 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 2.7347785 D AND ZERO-PHASE HJD2456355.229809	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

[illegible]

[illegible]

Proposal 14767 - KELT-7 G430L (88) - The Panchromatic Comparative Exoplanetary Treasury Program

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(18)	KELT-7	RA: 05 13 10.9294 (78.2955392d)	Proper Motion RA: 10.40 mas/yr	V=8.54	Reference Frame: ICRS
			Dec: +33 19 5.40 (33.31817d)	Proper Motion Dec: -49.70 mas/yr		
			Equinox: J2000	Parallax: 0.008"		
				Epoch of Position: 2000		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F0-F2] Extended=NO						

Proposal 14767 - KELT-7 G430L (88) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5315)	(18) KELT-7	STIS/CCD, ACQ, F28X50OII	MIRROR	GAIN=4	PHASE 0.93 TO 0.936	Sequence 1-3 Non-Int in KELT-7 G430L (88)	7 Secs (7 Secs) [==>]	[1]
	Comments: To budget for preferred F28X50LP. Saturation with F28X50OII is calculated at 17.9 sec.									
	2	Kelt-7 G430 L Orbit 1	(18) KELT-7	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in KELT-7 G430L (88)	1 Secs (1 Secs) [==>]	[1]
	Comments: Shorter exposure to minimize instrument systematic of first exposure in each orbit.									
	3	Kelt-7 G430 L Orbit 1 (STIS.sp.82 3151)	(18) KELT-7	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in KELT-7 G430L (88)	116 Secs X 16 (1856 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)]	[1]
	Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.									
	4	Kelt-7 G430 L Orbit 2	(18) KELT-7	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in KELT-7 G430L (88)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - KELT-7 G430L (88) - The Panchromatic Comparative Exoplanetary Treasury Program

5	Kelt-7 G430 (18) KELT-7 L Orbit 2 (STIS.sp.82 3151)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 4-5 Non-In t in KELT-7 G430L (88)	116 Secs X 20 (2320 Secs)	[2]
						[==>(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)]	
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.							
6	Kelt-7 G430 (18) KELT-7 L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-In t in KELT-7 G430L (88)	1 Secs (1 Secs)	[3]
						[==>]	
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - KELT-7 G430L (88) - The Panchromatic Comparative Exoplanetary Treasury Program

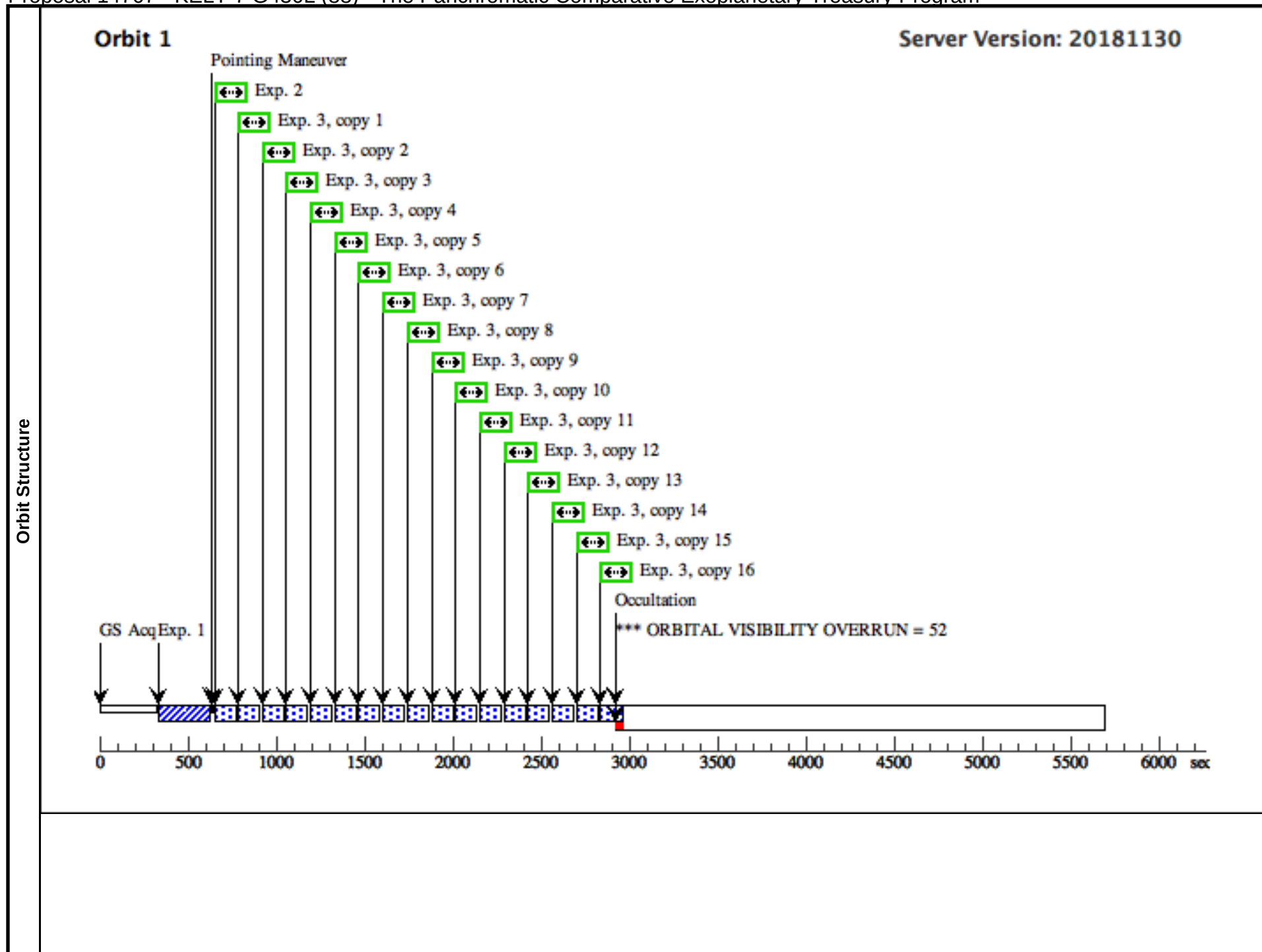
7	Kelt-7 G430 (18) KELT-7 L Orbit 3 (STIS.sp.82 3151)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-In t in KELT-7 G430L (88)	116 Secs X 20 (2320 Secs)	[3]
						[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(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)]	
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.							
8	Kelt-7 G430 (18) KELT-7 L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-In t in KELT-7 G430L (88)	1 Secs (1 Secs)	[4]
						[==>]	
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - KELT-7 G430L (88) - The Panchromatic Comparative Exoplanetary Treasury Program

9	Kelt-7 G430 (18) KELT-7 L Orbit 4 (STIS.sp.82 3151)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in KELT-7 G430L (88)	116 Secs X 20 (2320 Secs) [==>(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)]	[4]
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.							
10	Kelt-7 G430 (18) KELT-7 L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in KELT-7 G430L (88)	1 Secs (1 Secs) [==>]	[5]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - KELT-7 G430L (88) - The Panchromatic Comparative Exoplanetary Treasury Program

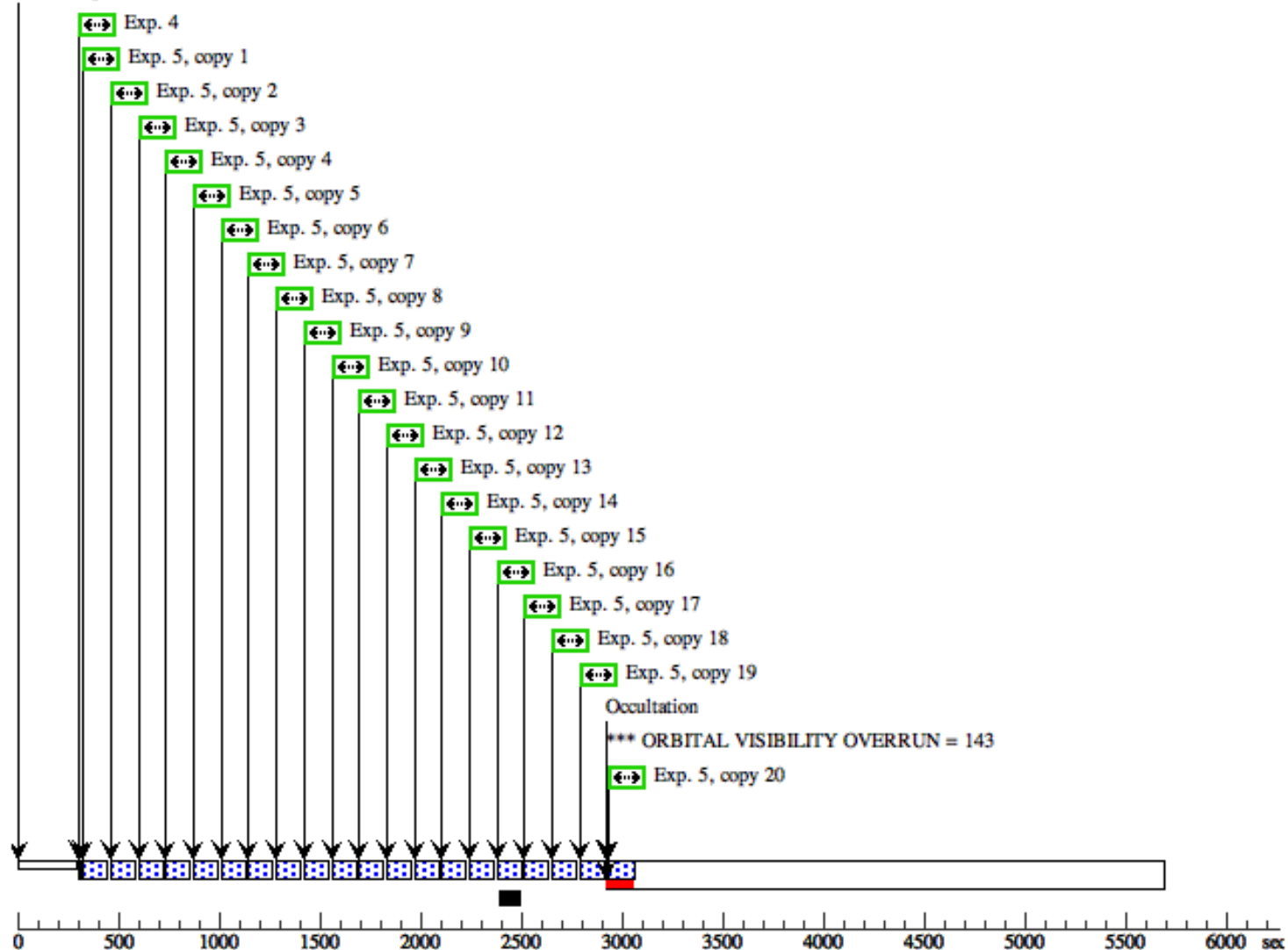
11	Kelt-7 G430 (18) KELT-7 L Orbit 5 (STIS.sp.82 3151)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non -Int in KELT-7 G430 L (88)	116 Secs X 20 (2320 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 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)]	[5]
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.							
12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		Sequence 10-12 Non -Int in KELT-7 G430 L (88)	[==>]	[5]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle							



Orbit 2

Server Version: 20181130

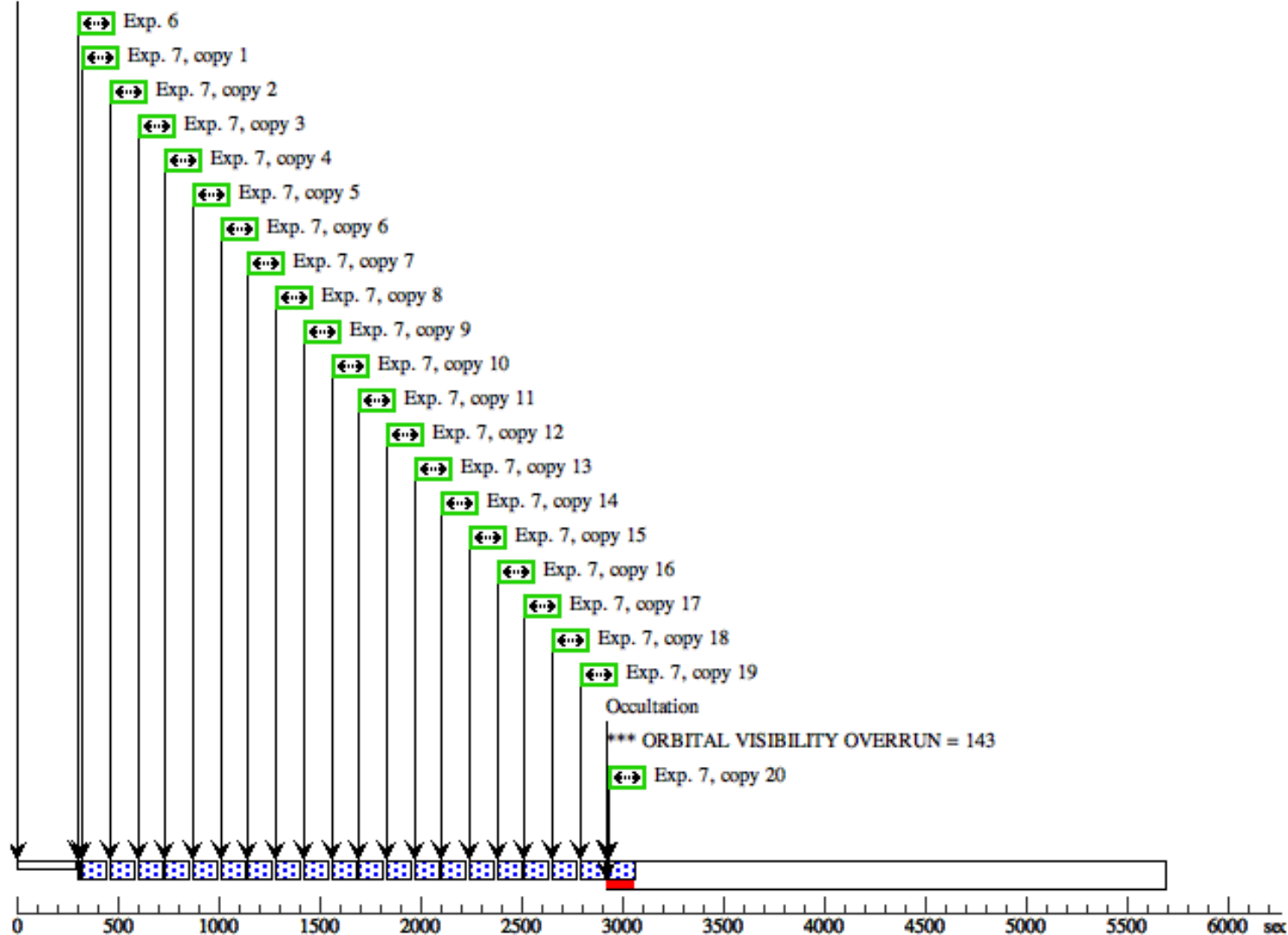
GS Reacq



Orbit 3

Server Version: 20181130

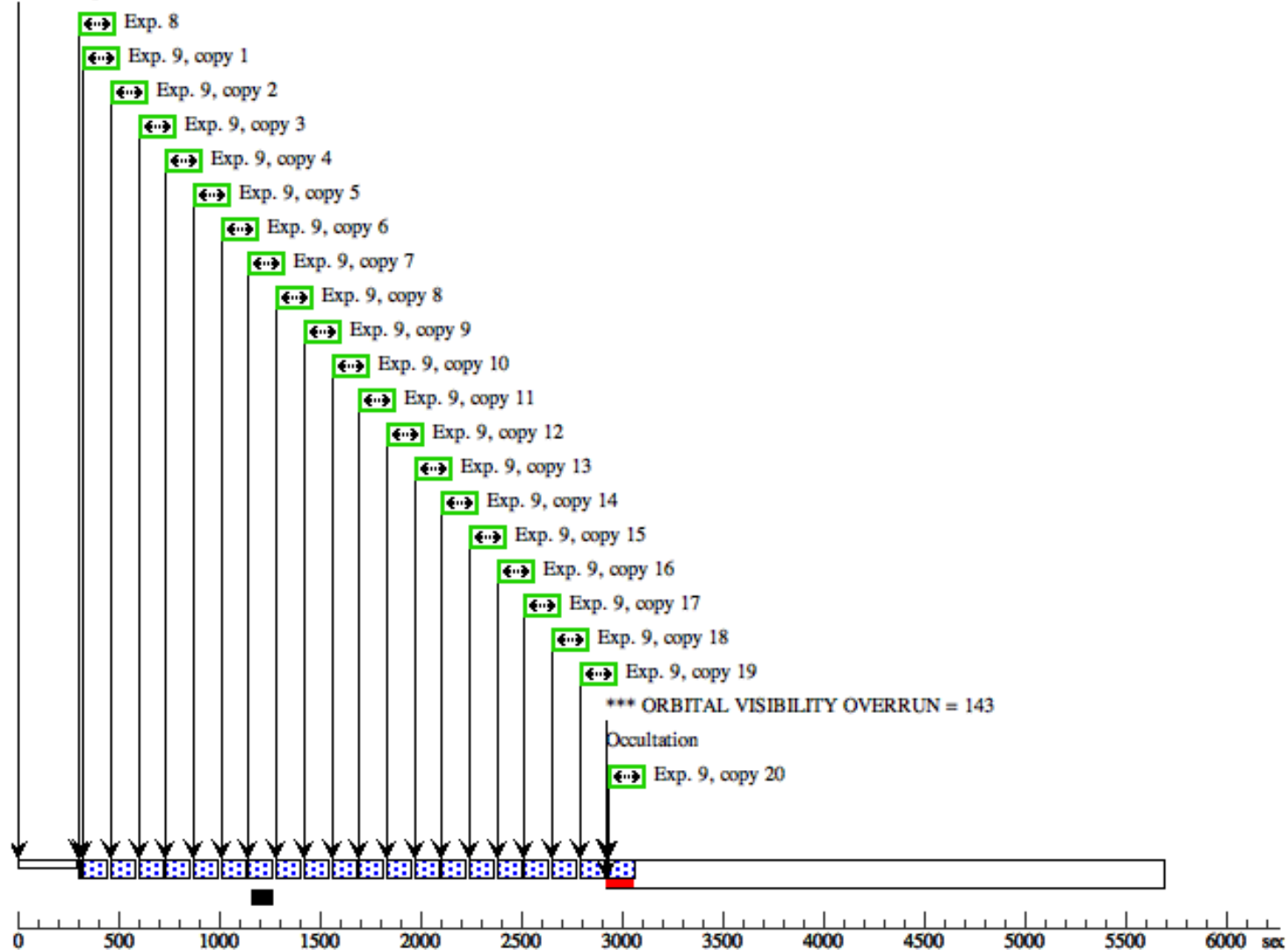
GS Reacq

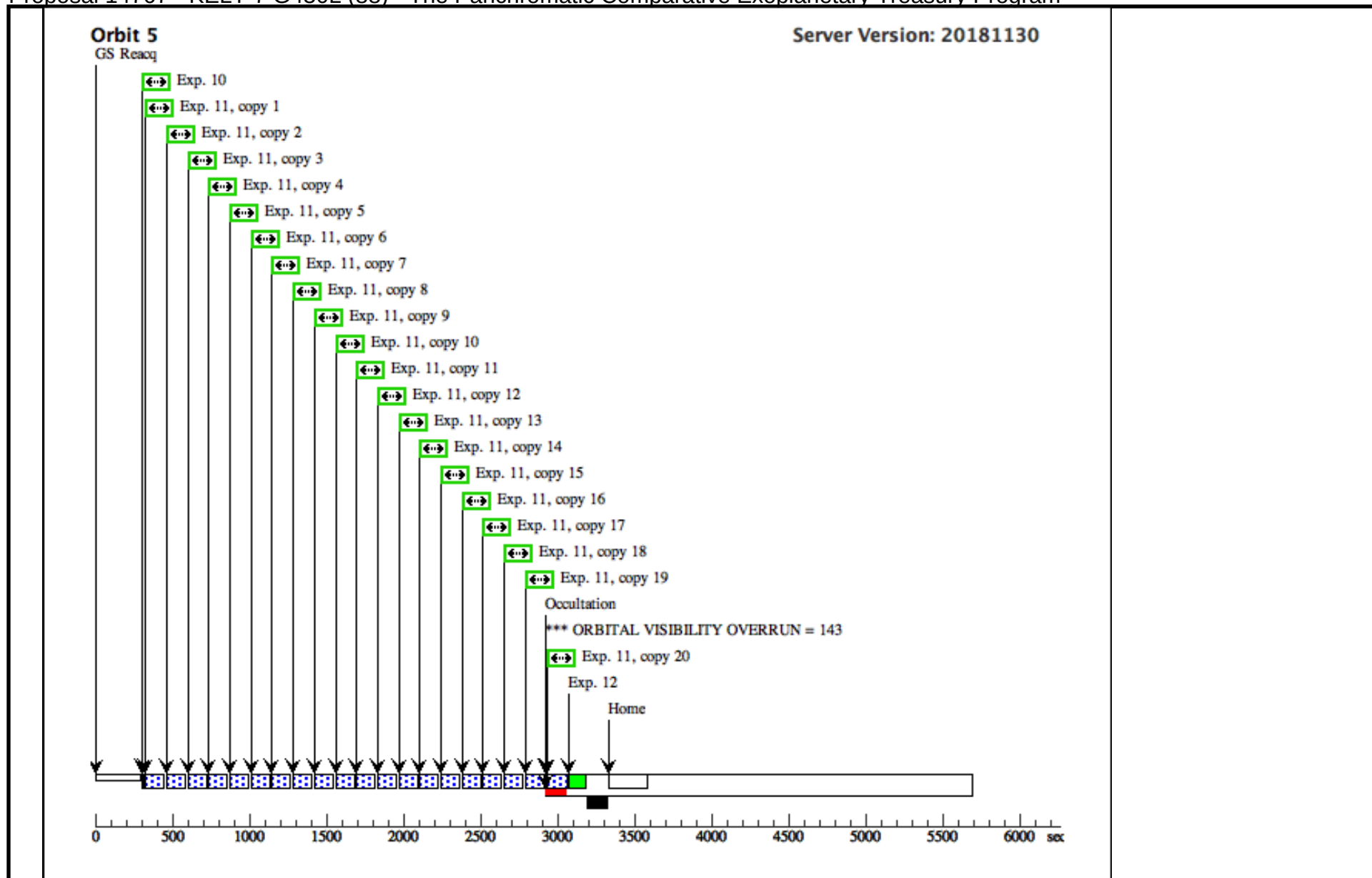


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - KELT-7 G430L (K8) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, KELT-7 G430L (K8), completed	Wed Jun 05 15:15:06 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 2.7347785 D AND ZERO-PHASE HJD2456355.229809	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - KELT-7 G430L (K8) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

[illegible]

Proposal 14767 - KELT-7 G430L (K8) - The Panchromatic Comparative Exoplanetary Treasury Program

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(18)	KELT-7	RA: 05 13 10.9294 (78.2955392d)	Proper Motion RA: 10.40 mas/yr	V=8.54	Reference Frame: ICRS
			Dec: +33 19 5.40 (33.31817d)	Proper Motion Dec: -49.70 mas/yr		
			Equinox: J2000	Parallax: 0.008"		
				Epoch of Position: 2000		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F0-F2] Extended=NO						

Proposal 14767 - KELT-7 G430L (K8) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5315)	(18) KELT-7	STIS/CCD, ACQ, F28X50OII	MIRROR	GAIN=4	PHASE 0.93 TO 0.936	Sequence 1-3 Non-Int in KELT-7 G430L (K8)	7 Secs (7 Secs) [==>]	[1]
	Comments: To bright for preferred F28X50LP. Saturation with F28X50OII is calculated at 17.9 sec.									
	2	Kelt-7 G430 L Orbit 1	(18) KELT-7	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in KELT-7 G430L (K8)	1 Secs (1 Secs) [==>]	[1]
	Comments: Shorter exposure to minimize instrument systematic of first exposure in each orbit.									
	3	Kelt-7 G430 L Orbit 1 (STIS.sp.82 3151)	(18) KELT-7	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in KELT-7 G430L (K8)	116 Secs X 16 (1856 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)]	[1]
	Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.									
	4	Kelt-7 G430 L Orbit 2	(18) KELT-7	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in KELT-7 G430L (K8)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - KELT-7 G430L (K8) - The Panchromatic Comparative Exoplanetary Treasury Program

5	Kelt-7 G430 (18) KELT-7 L Orbit 2 (STIS.sp.82 3151)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 4-5 Non-In t in KELT-7 G430L (K8)	116 Secs X 20 (2320 Secs) [==>(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)]	[2]
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.							
6	Kelt-7 G430 (18) KELT-7 L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-In t in KELT-7 G430L (K8)	1 Secs (1 Secs) [==>]	[3]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - KELT-7 G430L (K8) - The Panchromatic Comparative Exoplanetary Treasury Program

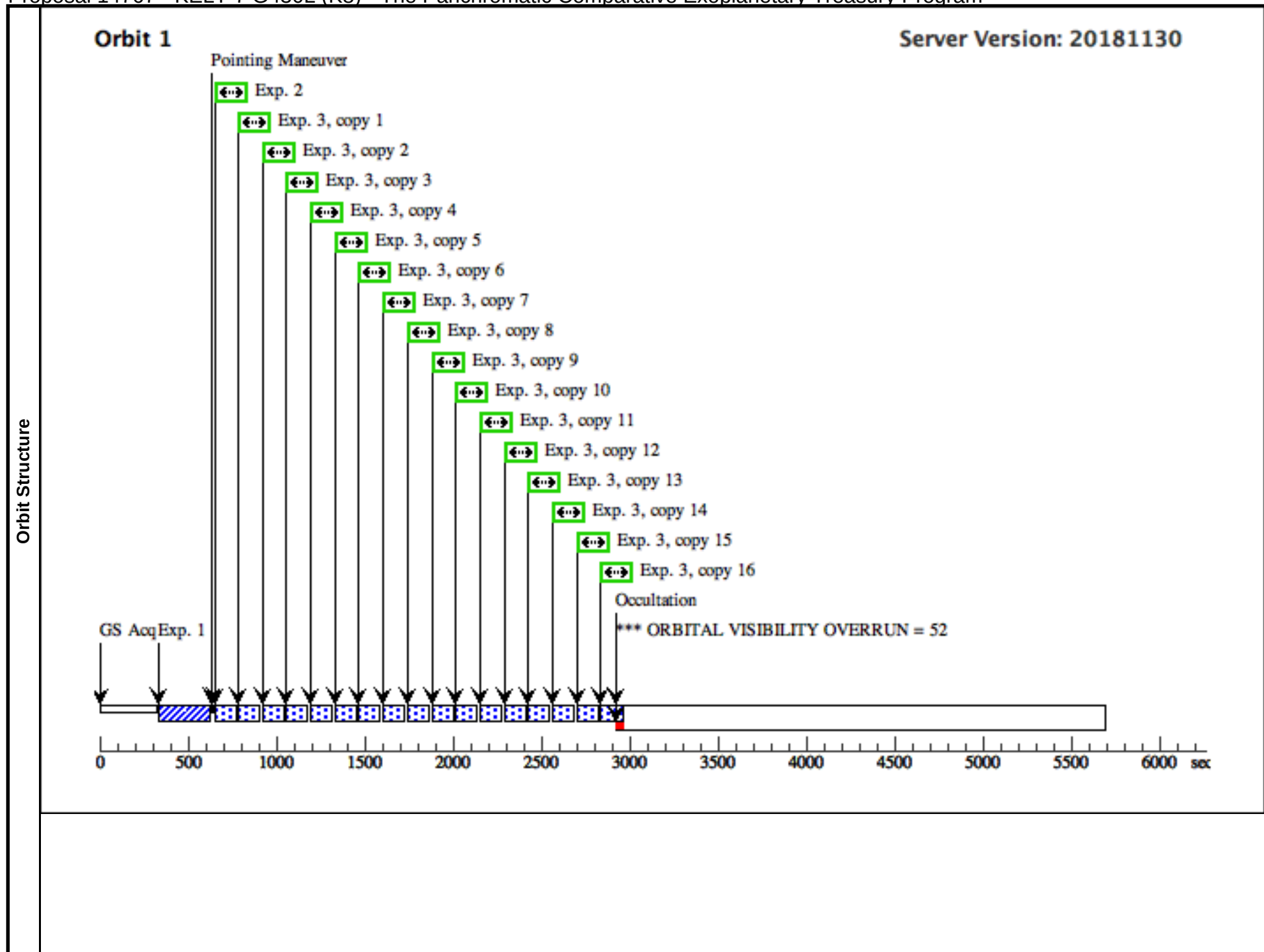
7	Kelt-7 G430 (18) KELT-7 L Orbit 3 (STIS.sp.82 3151)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in KELT-7 G430L (K8)	116 Secs X 20 (2320 Secs)	[3]
						[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 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)]	
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.							
8	Kelt-7 G430 (18) KELT-7 L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in KELT-7 G430L (K8)	1 Secs (1 Secs)	[4]
						[==>]	
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - KELT-7 G430L (K8) - The Panchromatic Comparative Exoplanetary Treasury Program

9	Kelt-7 G430 (18) KELT-7 L Orbit 4 (STIS.sp.82 3151)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in KELT-7 G430L (K8)	116 Secs X 20 (2320 Secs) [==>(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)]	[4]
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.							
10	Kelt-7 G430 (18) KELT-7 L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in KELT-7 G430L (K8)	1 Secs (1 Secs) [==>]	[5]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - KELT-7 G430L (K8) - The Panchromatic Comparative Exoplanetary Treasury Program

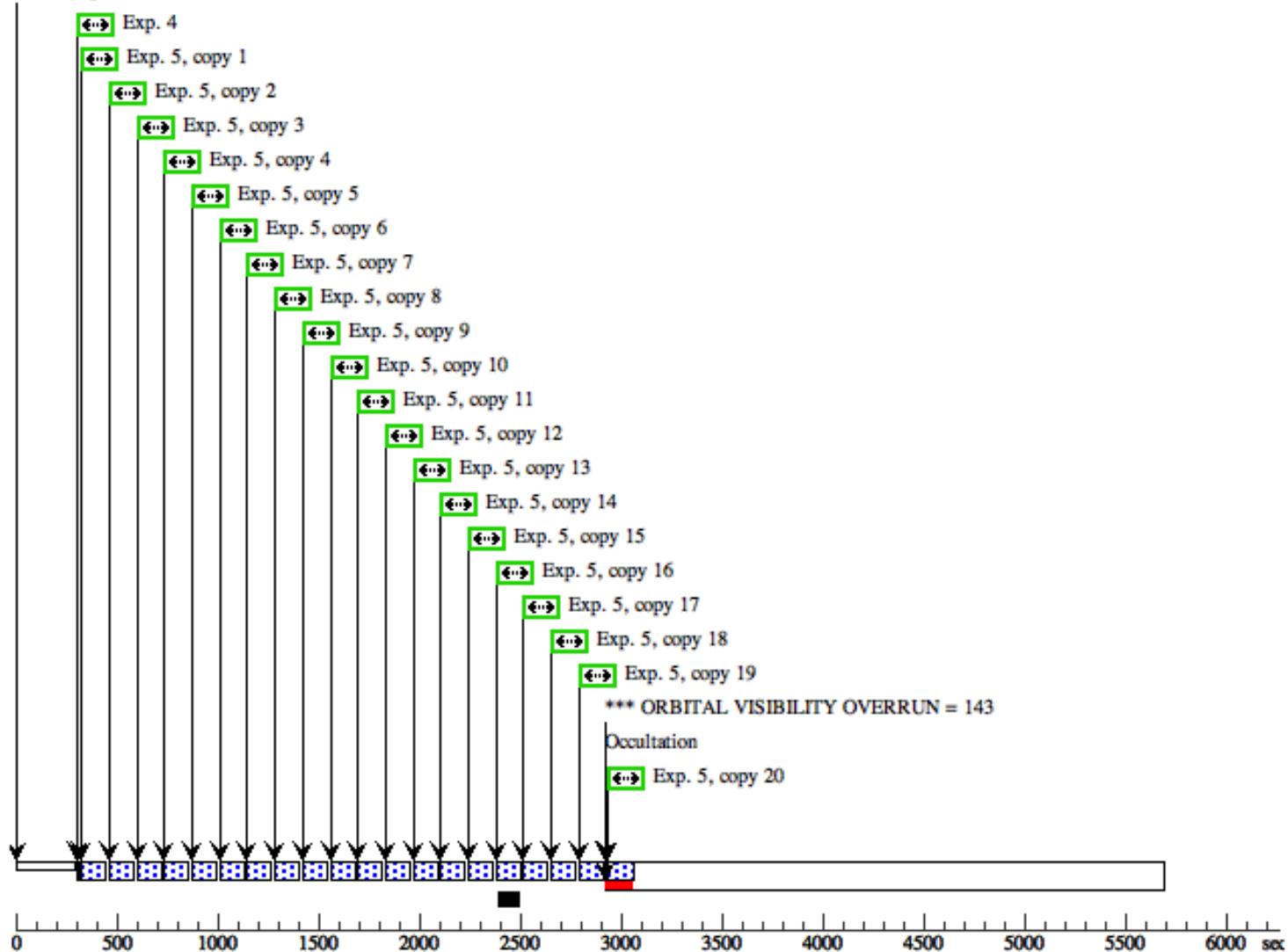
11	Kelt-7 G430 (18) KELT-7 L Orbit 5 (STIS.sp.82 3151)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non -Int in KELT-7 G430 L (K8)	116 Secs X 20 (2320 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 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)]	[5]
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.							
12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		Sequence 10-12 Non -Int in KELT-7 G430 L (K8)	[==>]	[5]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle							



Orbit 2

Server Version: 20181130

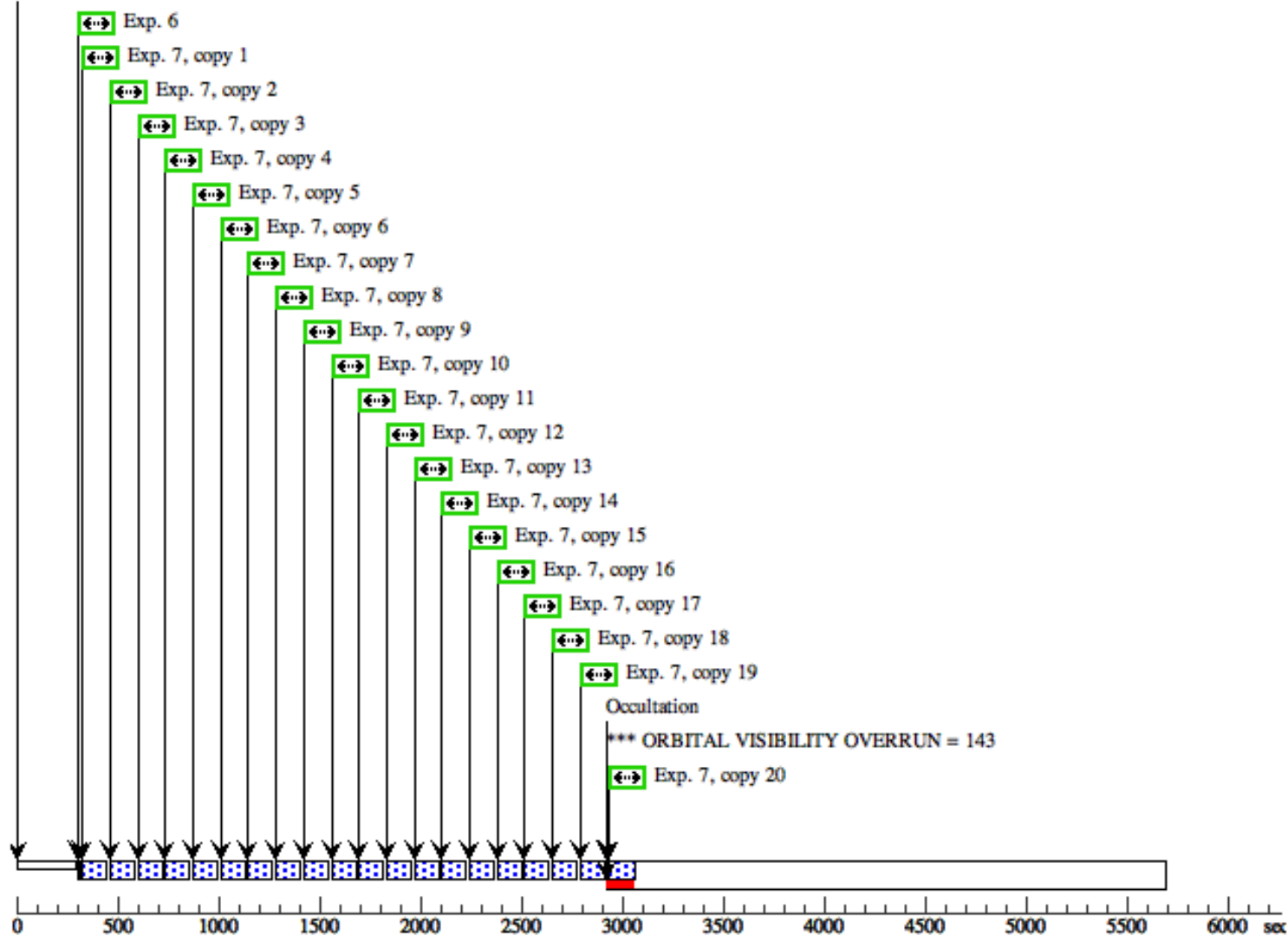
GS Reacq



Orbit 3

Server Version: 20181130

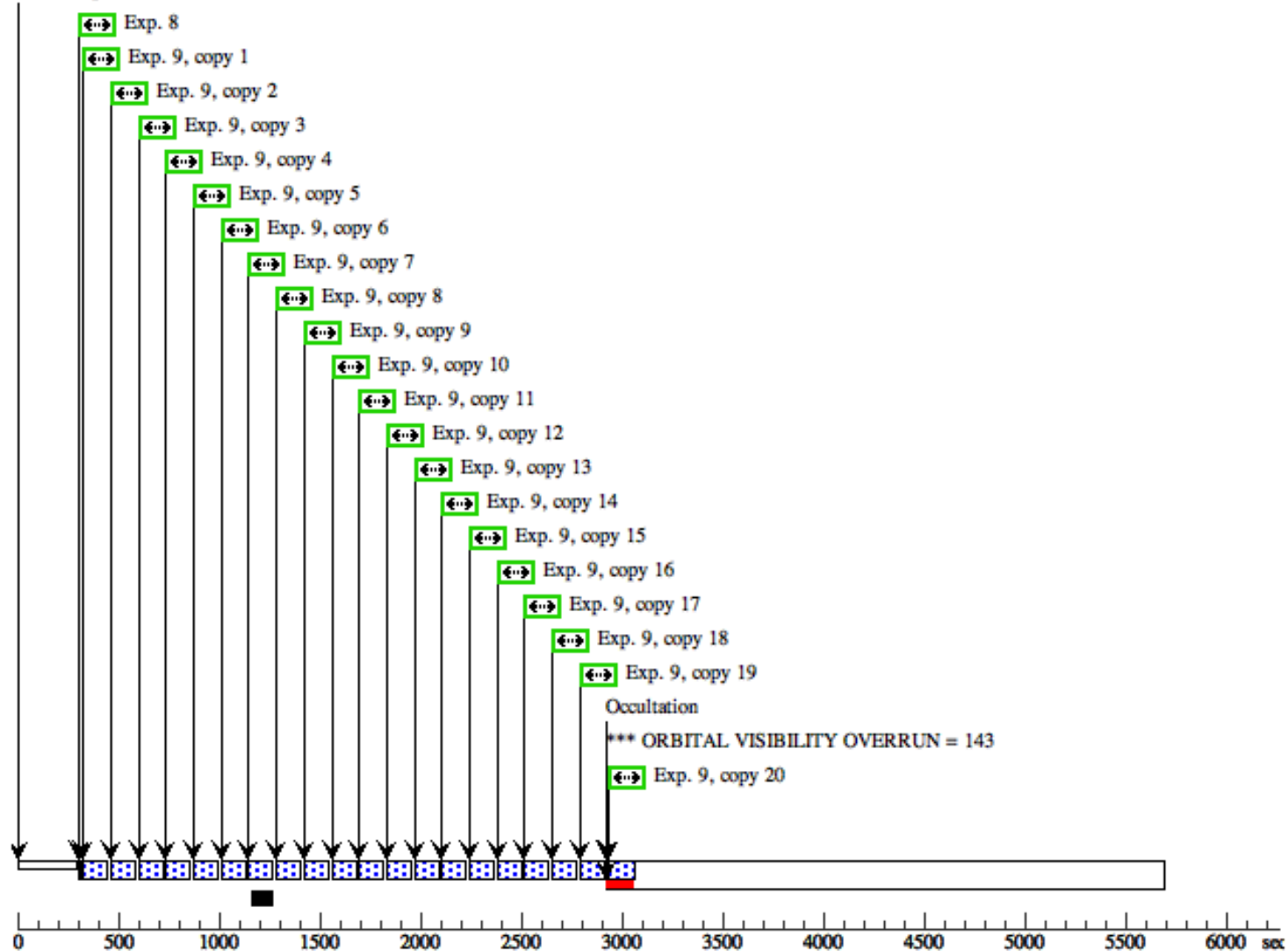
GS Reacq

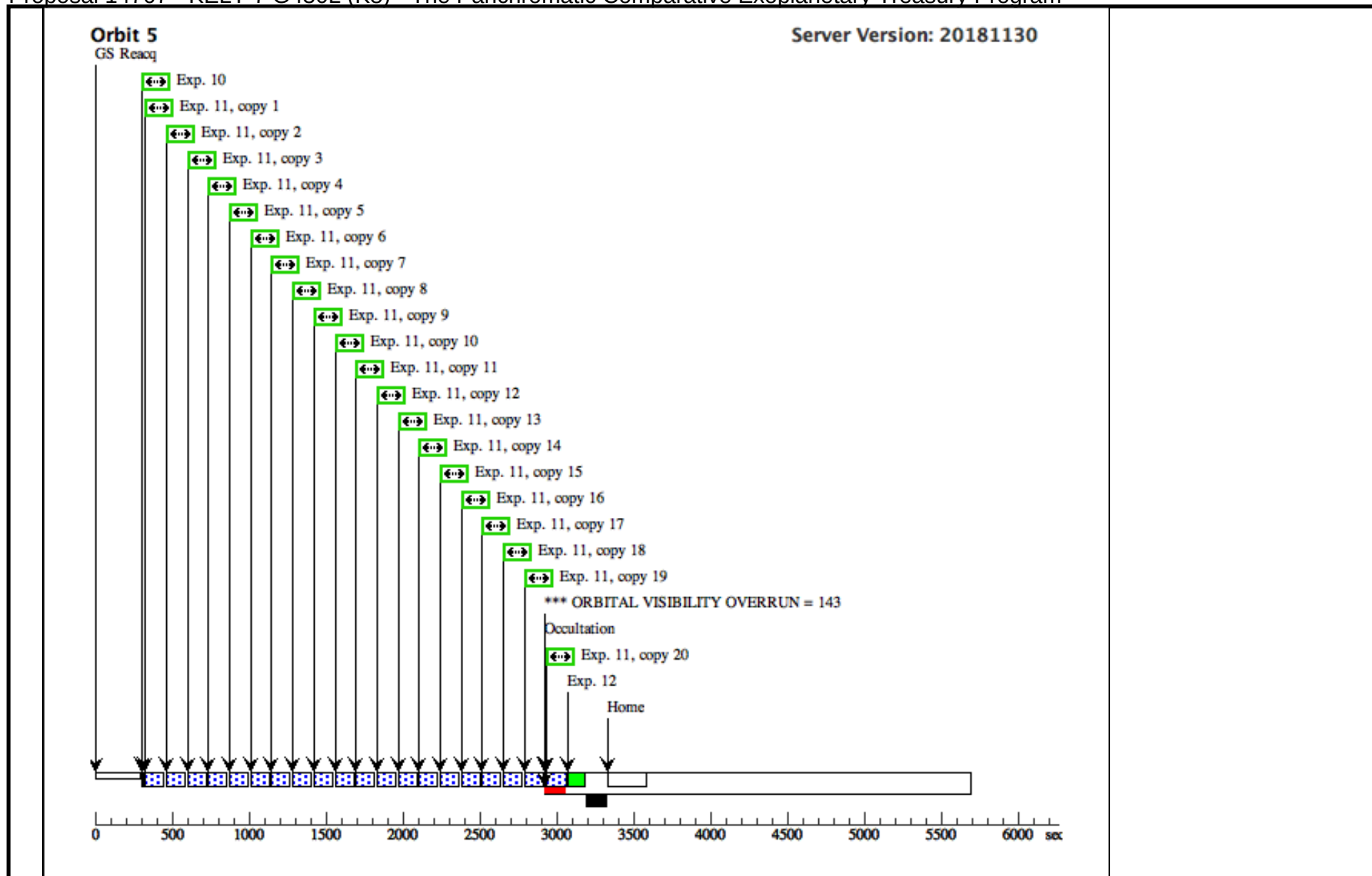


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - KELT-7 G430L x2 (89) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, KELT-7 G430L x2 (89), completed	Wed Jun 05 15:15:06 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 2.7347785 D AND ZERO-PHASE HJD2456355.229809	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - KELT-7 G430L x2 (89) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

[illegible]

Proposal 14767 - KELT-7 G430L x2 (89) - The Panchromatic Comparative Exoplanetary Treasury Program

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(18)	KELT-7	RA: 05 13 10.9294 (78.2955392d)	Proper Motion RA: 10.40 mas/yr	V=8.54	Reference Frame: ICRS
			Dec: +33 19 5.40 (33.31817d)	Proper Motion Dec: -49.70 mas/yr		
			Equinox: J2000	Parallax: 0.008"		
				Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F0-F2] Extended=NO					

Proposal 14767 - KELT-7 G430L x2 (89) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5315)	(18) KELT-7	STIS/CCD, ACQ, F28X50OII	MIRROR	GAIN=4	PHASE 0.93 TO 0.936	Sequence 1-3 Non-Int in KELT-7 G430L x2 (89)	7 Secs (7 Secs) [==>]	[1]
	Comments: To bring for preferred F28X50LP. Saturation with F28X50OII is calculated at 17.9 sec.									
	2	Kelt-7 G430 L Orbit 1	(18) KELT-7	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in KELT-7 G430L x2 (89)	1 Secs (1 Secs) [==>]	[1]
	Comments: Shorter exposure to minimize instrument systematic of first exposure in each orbit.									
	3	Kelt-7 G430 L Orbit 1 (STIS.sp.82 3151)	(18) KELT-7	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in KELT-7 G430L x2 (89)	116 Secs X 16 (1856 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)]	[1]
	Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.									
	4	Kelt-7 G430 L Orbit 2	(18) KELT-7	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in KELT-7 G430L x2 (89)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - KELT-7 G430L x2 (89) - The Panchromatic Comparative Exoplanetary Treasury Program

5	Kelt-7 G430 (18) KELT-7 L Orbit 2 (STIS.sp.82 3151)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 4-5 Non-Int in KELT-7 G430L x2 (89)	116 Secs X 20 (2320 Secs) [==>(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)]	[2]
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.							
6	Kelt-7 G430 (18) KELT-7 L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in KELT-7 G430L x2 (89)	1 Secs (1 Secs) [==>]	[3]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - KELT-7 G430L x2 (89) - The Panchromatic Comparative Exoplanetary Treasury Program

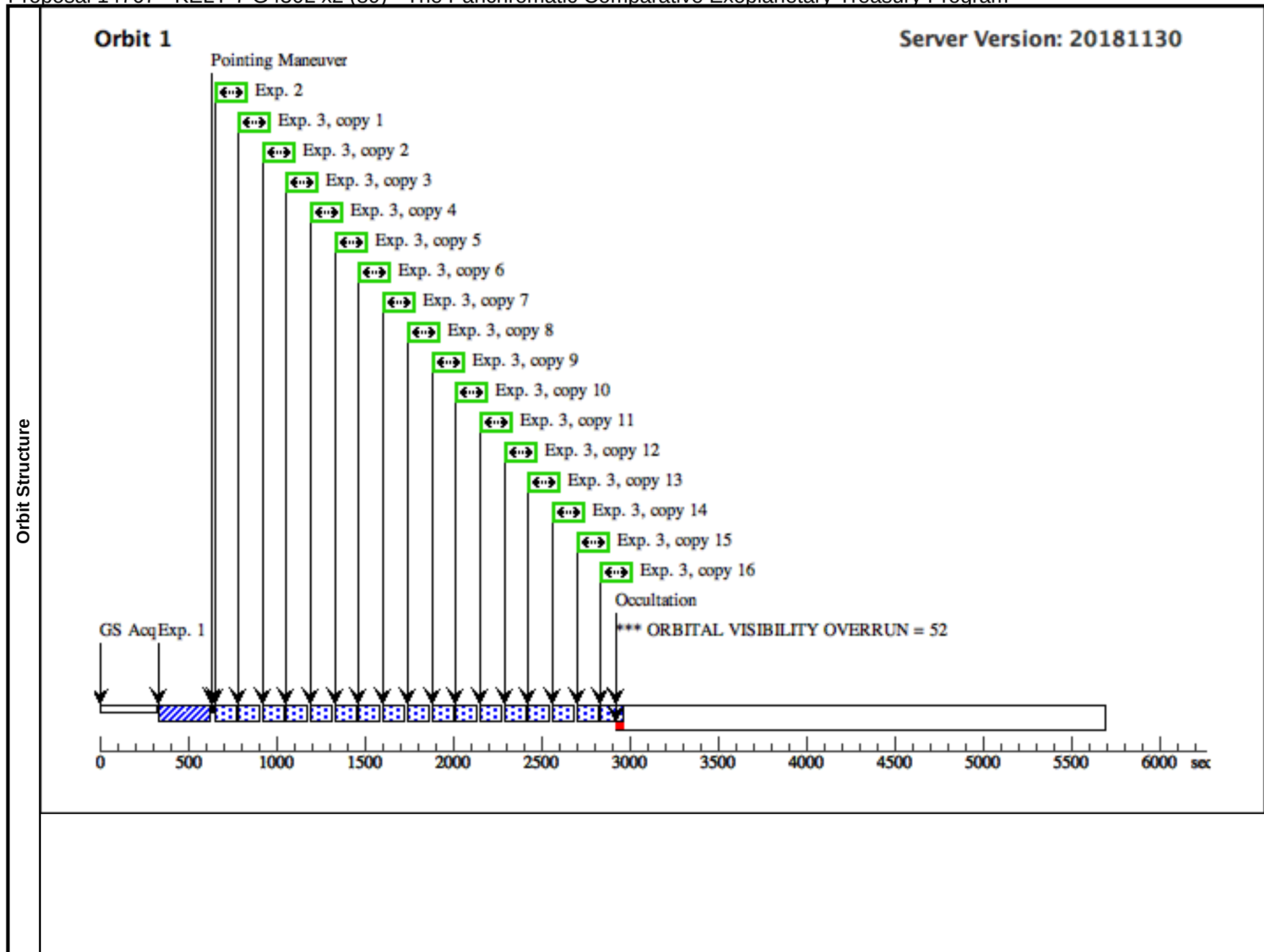
7	Kelt-7 G430 (18) KELT-7 L Orbit 3 (STIS.sp.82 3151)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in KELT-7 G430L x2 (89)	116 Secs X 20 (2320 Secs)	[3]
						[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(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)]	
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.							
8	Kelt-7 G430 (18) KELT-7 L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in KELT-7 G430L x2 (89)	1 Secs (1 Secs)	[4]
						[==>]	
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - KELT-7 G430L x2 (89) - The Panchromatic Comparative Exoplanetary Treasury Program

9	Kelt-7 G430 (18) KELT-7 L Orbit 4 (STIS.sp.82 3151)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in KELT-7 G430L x2 (89)	116 Secs X 20 (2320 Secs) [==>(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)]	[4]
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.							
10	Kelt-7 G430 (18) KELT-7 L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in KELT-7 G430L x2 (89)	1 Secs (1 Secs) [==>]	[5]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - KELT-7 G430L x2 (89) - The Panchromatic Comparative Exoplanetary Treasury Program

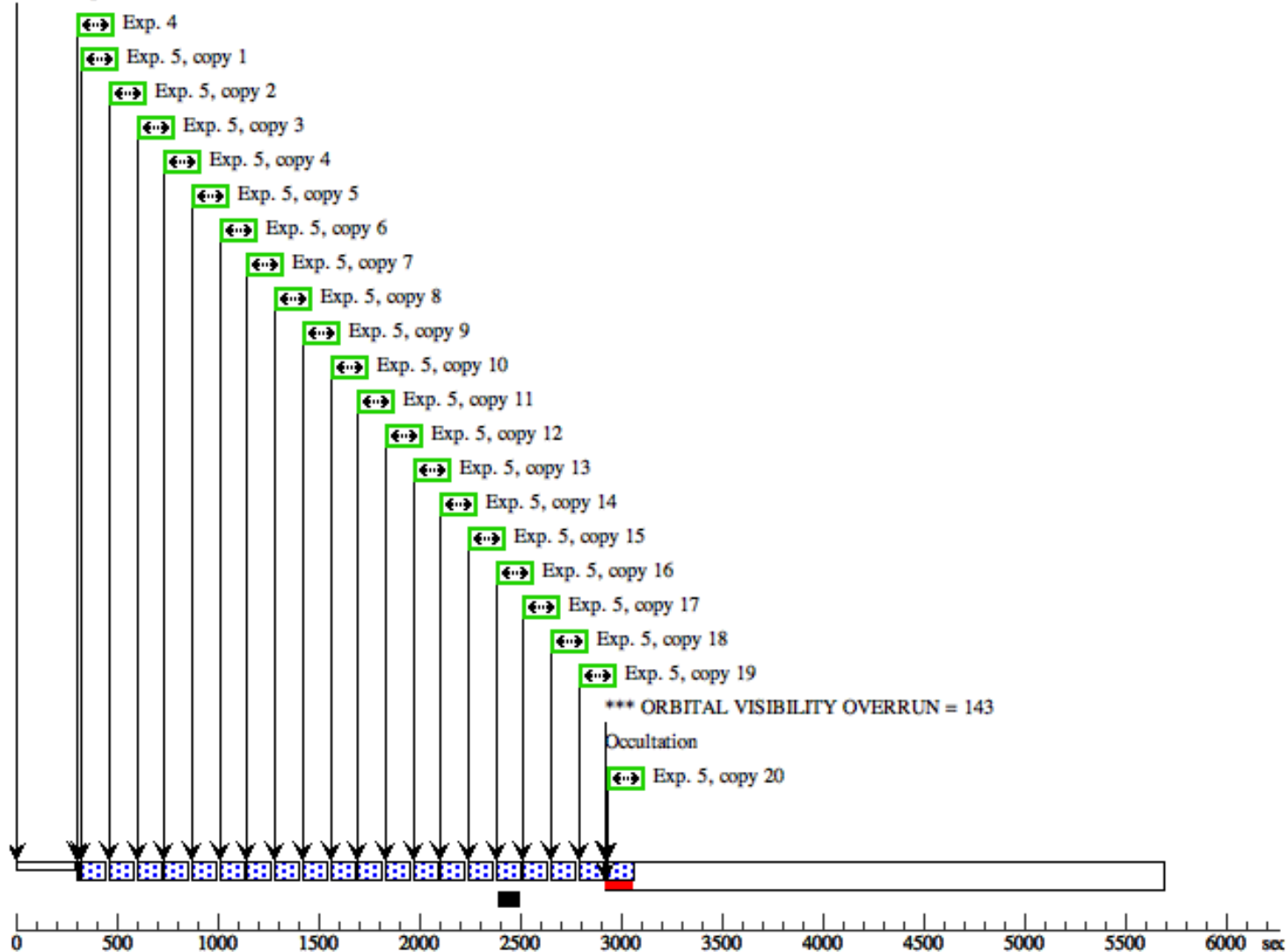
11	Kelt-7 G430 (18) KELT-7 L Orbit 5 (STIS.sp.82 3151)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non -Int in KELT-7 G430 L x2 (89)	116 Secs X 20 (2320 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 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)]	[5]
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 250 ppm per resolution element, per HST orbit are expected.							
12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		Sequence 10-12 Non -Int in KELT-7 G430 L x2 (89)	[==>]	[5]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle							



Orbit 2

Server Version: 20181130

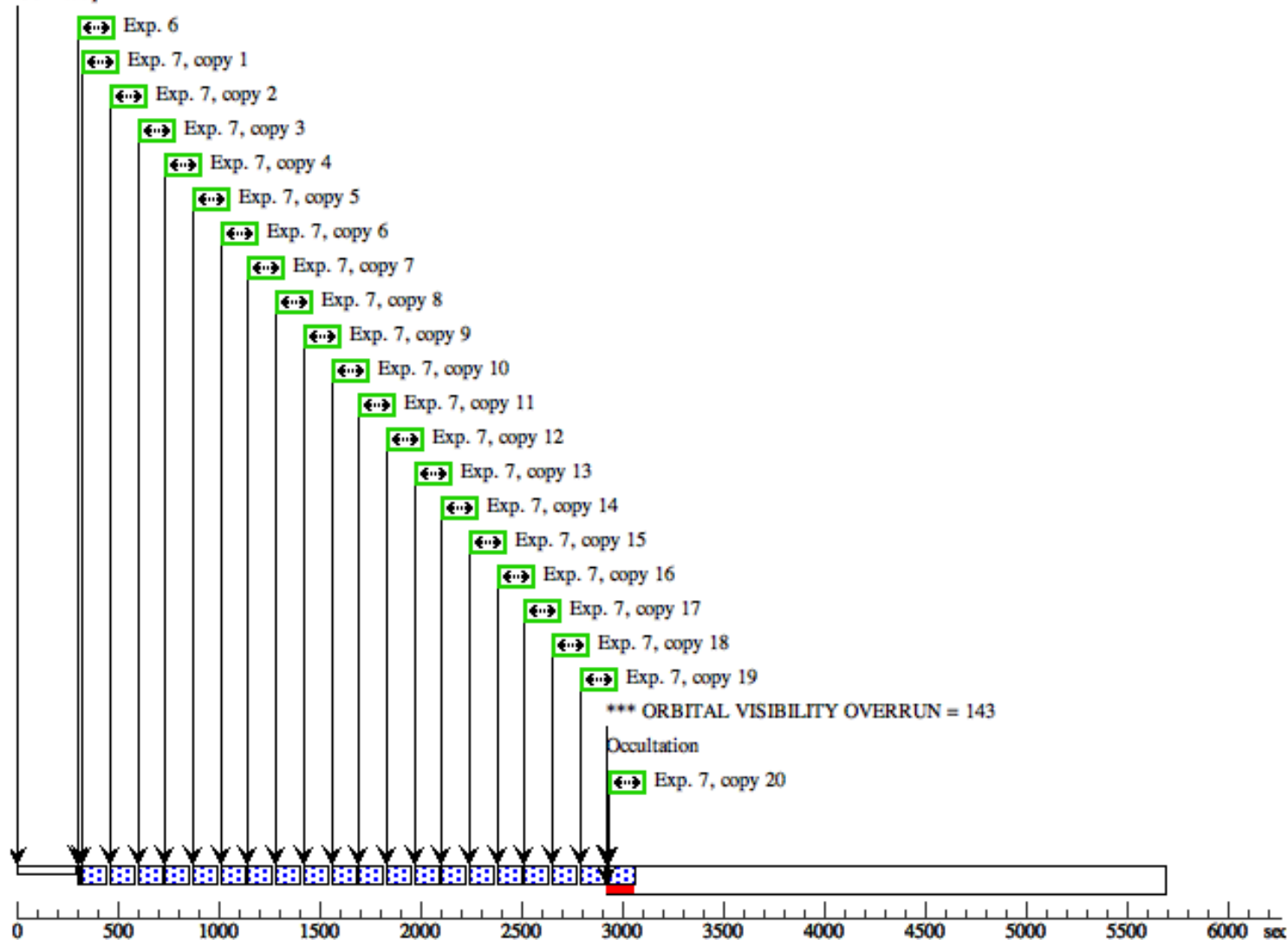
GS Reacq



Orbit 3

Server Version: 20181130

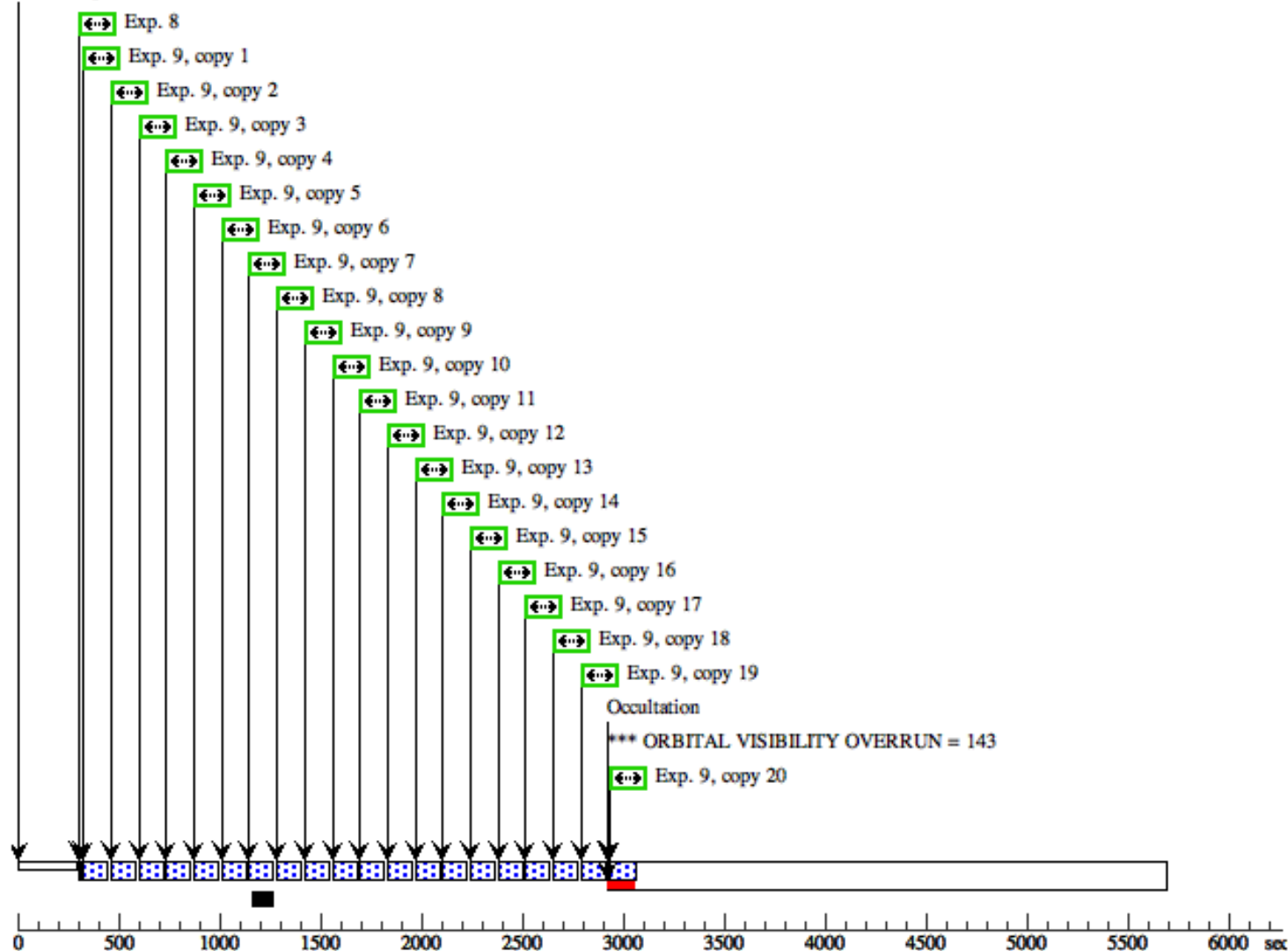
GS Reacq

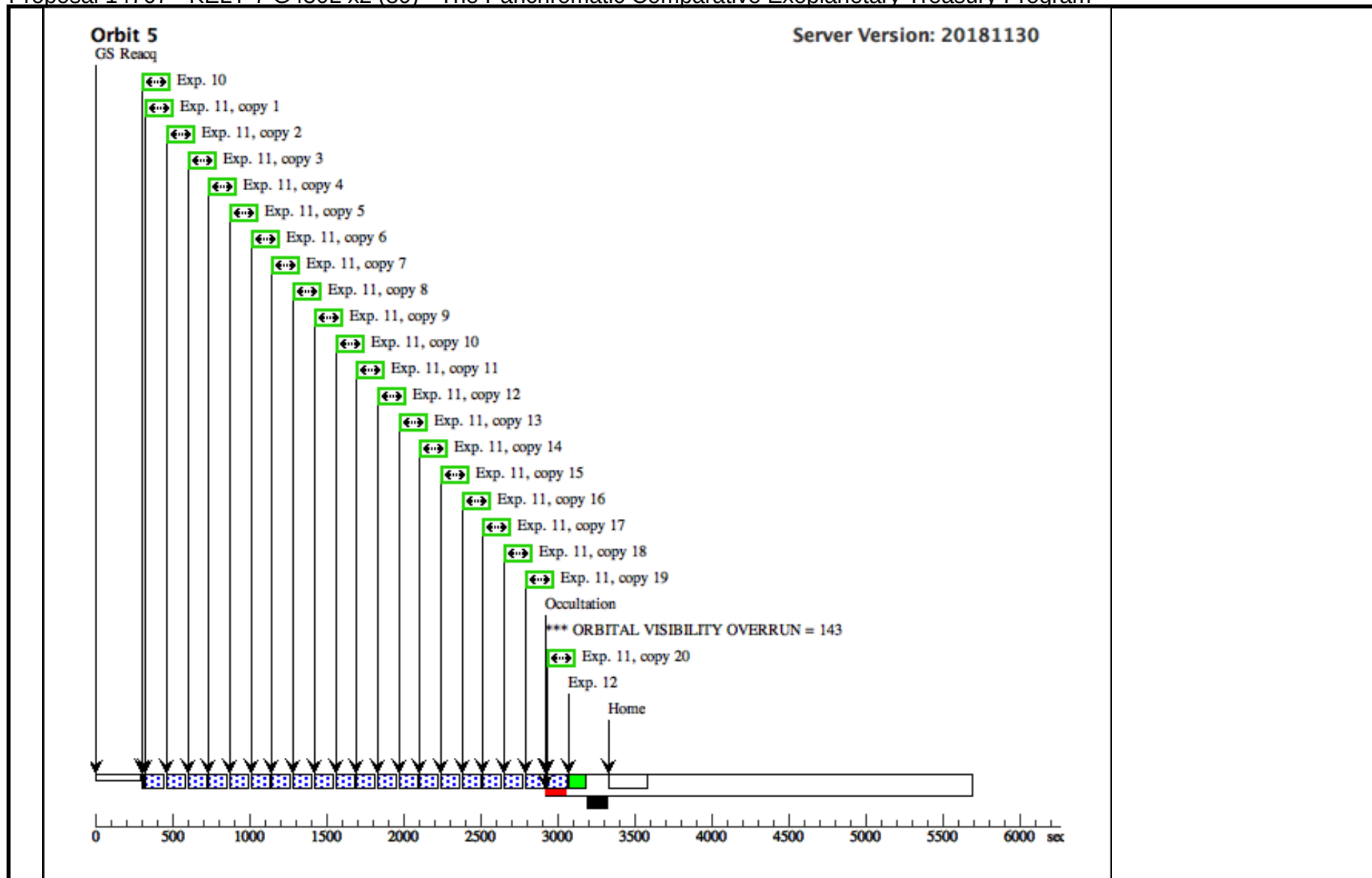


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - KELT-7 G750L (90) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, KELT-7 G750L (90), completed	Wed Jun 05 15:15:07 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 2.7347785 D AND ZERO-PHASE HJD2456355.229809	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - KELT-7 G750L (90) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

[illegible]

Proposal 14767 - KELT-7 G750L (90) - The Panchromatic Comparative Exoplanetary Treasury Program

	(KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (KELT-7 G750L (90)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(18)	KELT-7	RA: 05 13 10.9294 (78.2955392d) Dec: +33 19 5.40 (33.31817d) Equinox: J2000	Proper Motion RA: 10.40 mas/yr Proper Motion Dec: -49.70 mas/yr Parallax: 0.008" Epoch of Position: 2000	V=8.54	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=STAR					
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, F0-F2]					
	Extended=NO					

Proposal 14767 - KELT-7 G750L (90) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5315)	(18) KELT-7	STIS/CCD, ACQ, F28X50OII	MIRROR	GAIN=4	PHASE 0.93 TO 0.936	Sequence 1-3 Non-Int in KELT-7 G750L (90)	7 Secs (7 Secs) [==>]	[1]
	Comments: To bright for preferred F28X50LP. Saturation with F28X50OII is calculated at 17.9 sec.									
	2	Kelt-7 G750 L Orbit 1	(18) KELT-7	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in KELT-7 G750L (90)	1 Secs (1 Secs) [==>]	[1]
	Comments: Shorter exposure to minimize instrument systematic of first exposure in each orbit.									
	3	Kelt-7 G750 L Orbit 1 (STIS.sp.82 3154)	(18) KELT-7	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in KELT-7 G750L (90)	88 Secs X 20 (1760 Secs) [==>(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]
	Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 200 ppm per resolution element, per HST orbit are expected.									
	4	Kelt-7 G750 L Orbit 2	(18) KELT-7	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in KELT-7 G750L (90)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - KELT-7 G750L (90) - The Panchromatic Comparative Exoplanetary Treasury Program

5	Kelt-7 G750 (18) KELT-7 L Orbit 2 (STIS.sp.82 3154)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 4-5 Non-Int in KELT-7 G750L (90)	88 Secs X 25 (2200 Secs) [==>(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)]	[2]
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 200 ppm per resolution element, per HST orbit are expected.							
6	Kelt-7 G750 (18) KELT-7 L Orbit 3	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in KELT-7 G750L (90)	1 Secs (1 Secs) [==>]	[3]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - KELT-7 G750L (90) - The Panchromatic Comparative Exoplanetary Treasury Program

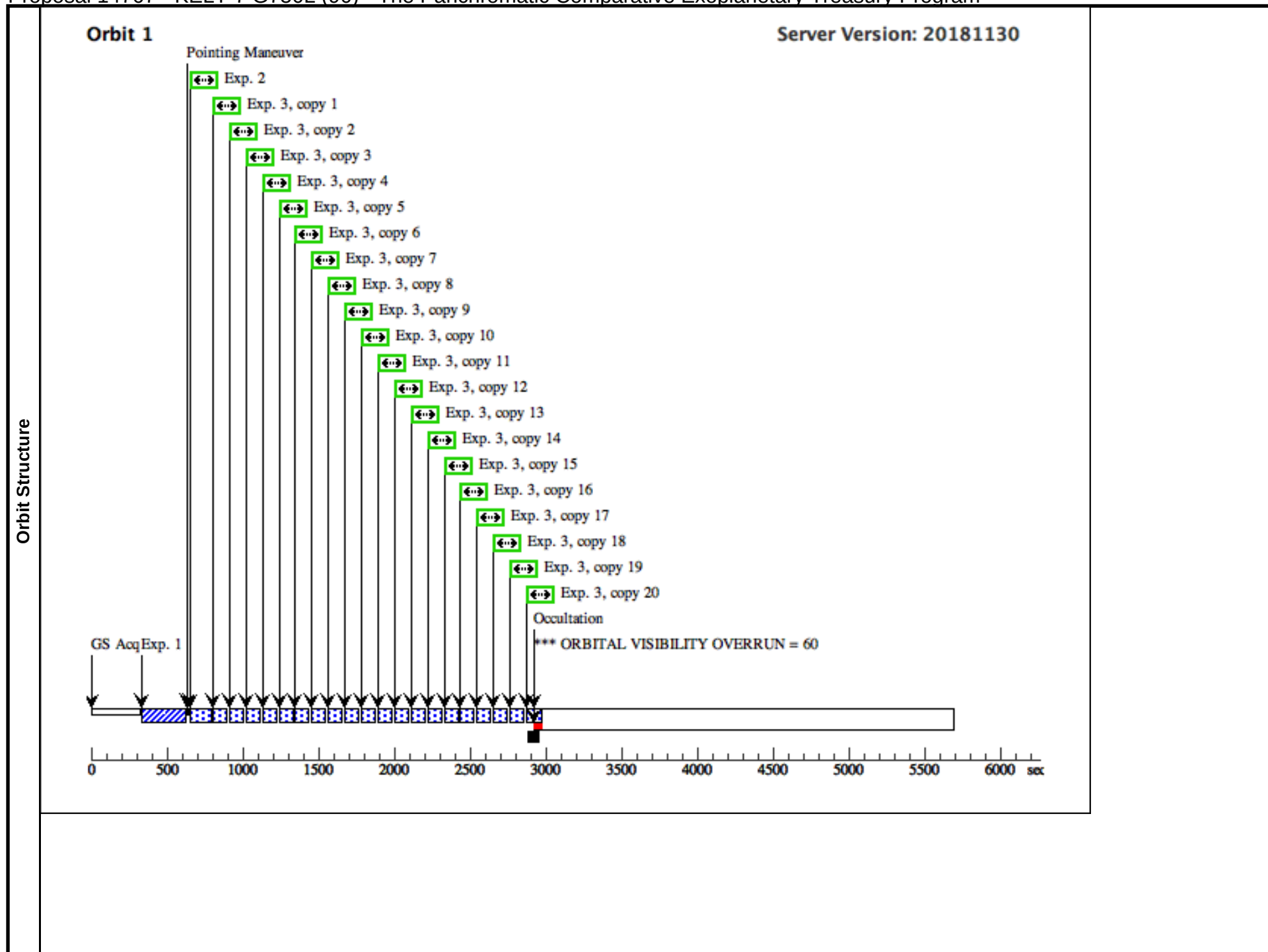
7	Kelt-7 G750 (18) KELT-7 L Orbit 3 (STIS.sp.82 3154)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-In t in KELT-7 G750L (90)	88 Secs X 25 (2200 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(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)]	[3]
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 200 ppm per resolution element, per HST orbit are expected.							
8	Kelt-7 G750 (18) KELT-7 L Orbit 4	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-In t in KELT-7 G750L (90)	1 Secs (1 Secs) [==>]	[4]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - KELT-7 G750L (90) - The Panchromatic Comparative Exoplanetary Treasury Program

9	Kelt-7 G750 (18) KELT-7 L Orbit 4 (STIS.sp.82 3154)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in KELT-7 G750L (90)	88 Secs X 25 (2200 Secs) [==>(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)]	[4]
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 200 ppm per resolution element, per HST orbit are expected.							
10	Kelt-7 G750 (18) KELT-7 L Orbit 5	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in KELT-7 G750L (90)	1 Secs (1 Secs) [==>]	[5]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - KELT-7 G750L (90) - The Panchromatic Comparative Exoplanetary Treasury Program

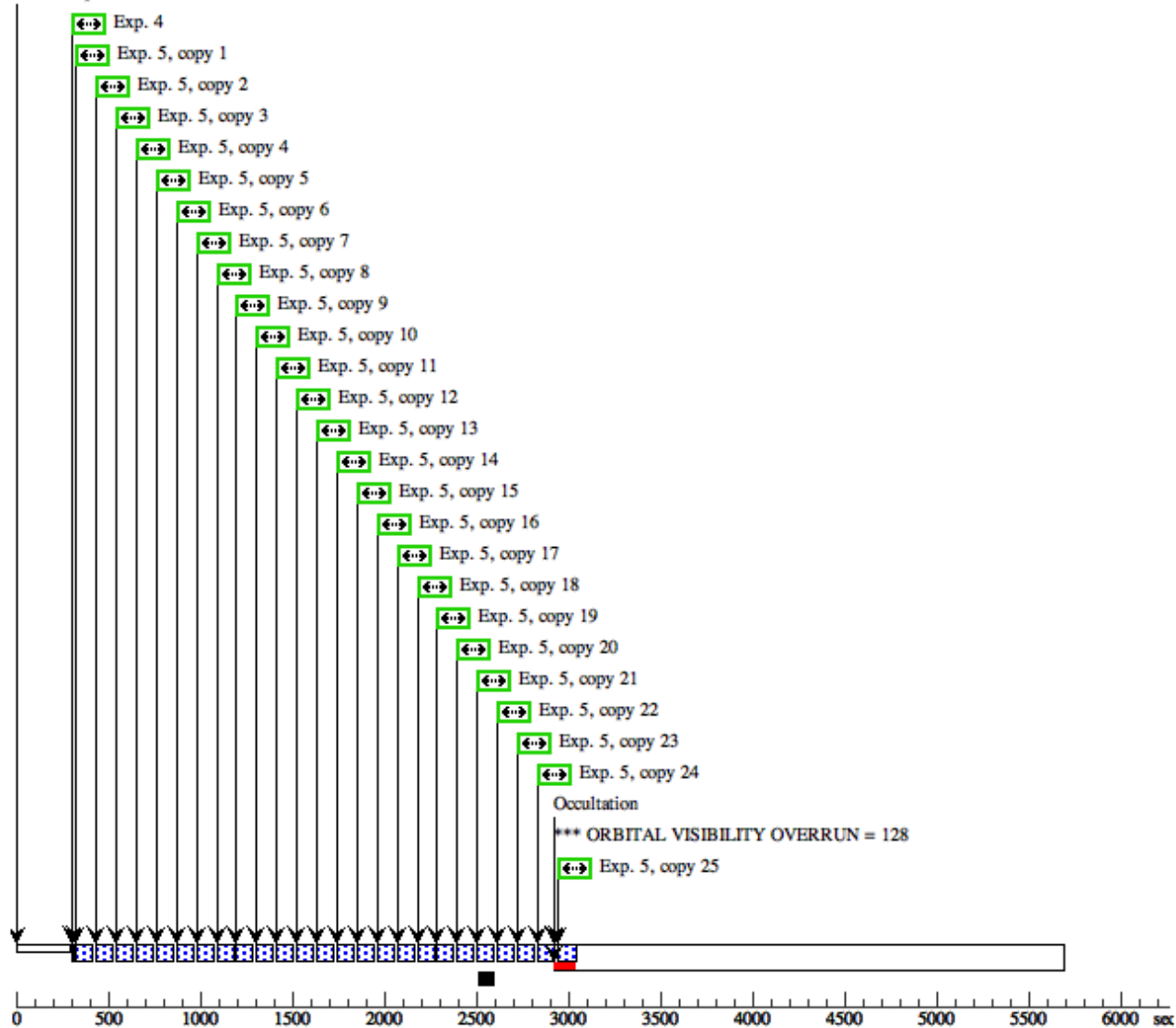
11	Kelt-7 G750 (18) KELT-7 L Orbit 5 (STIS.sp.82 3154)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non -Int in KELT-7 G750 L (90)	88 Secs X 25 (2200 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 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)]	[5]
Comments: Exposure will saturate at the brightest pixel by 2x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 2x oversaturation at the brightest pixel. Photon-limited precisions of 200 ppm per resolution element, per HST orbit are expected.							
12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		Sequence 10-14 Non -Int in KELT-7 G750 L (90)	[==>]	[5]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle							
13	Flat CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		Sequence 10-14 Non -Int in KELT-7 G750 L (90)	[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	Sequence 10-14 Non -Int in KELT-7 G750 L (90)	240 Secs X 4 (960 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[5]
Comments: Expected peak count level = 50,000 e-							



Orbit 2

Server Version: 20181130

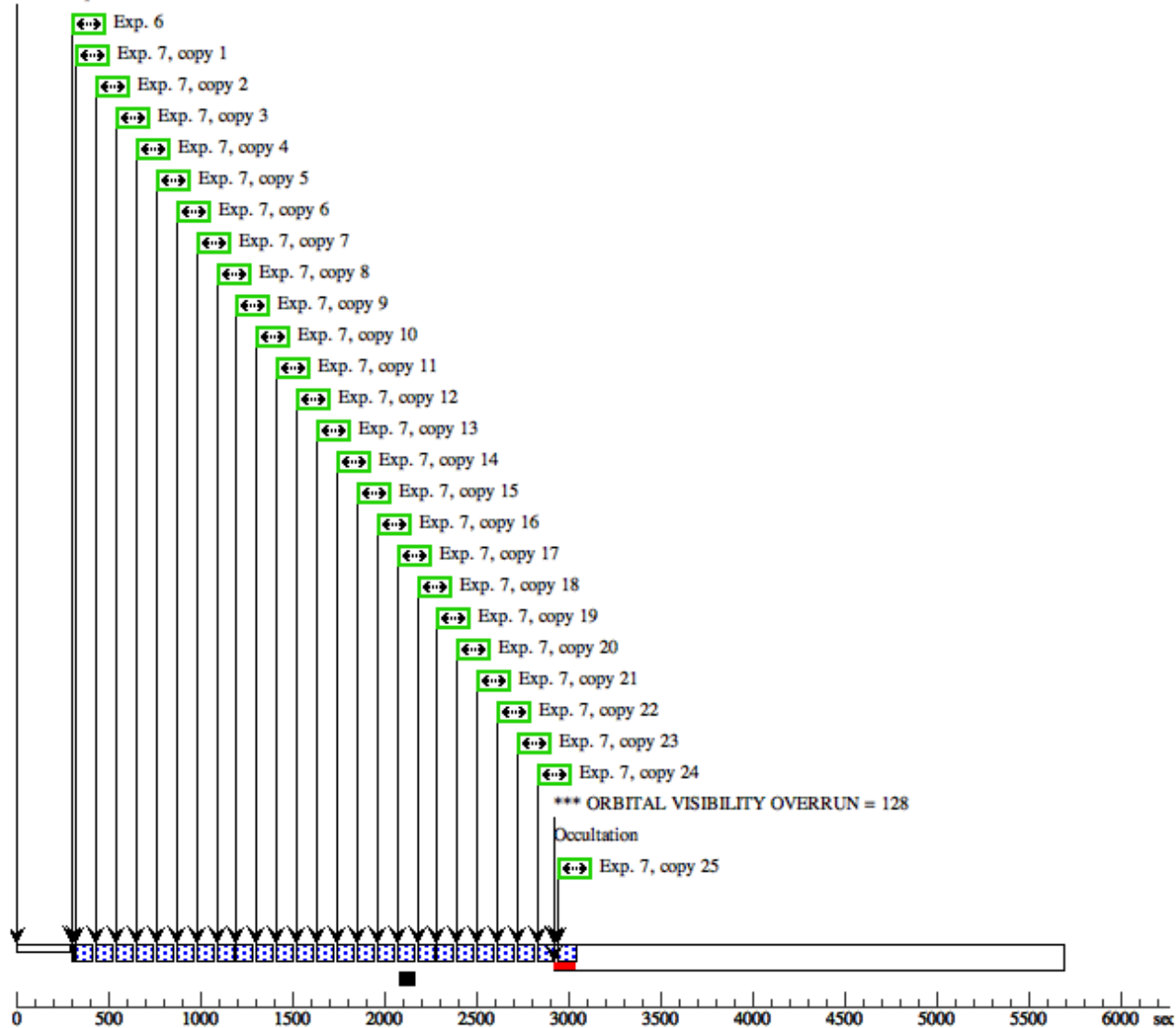
GS Reacq

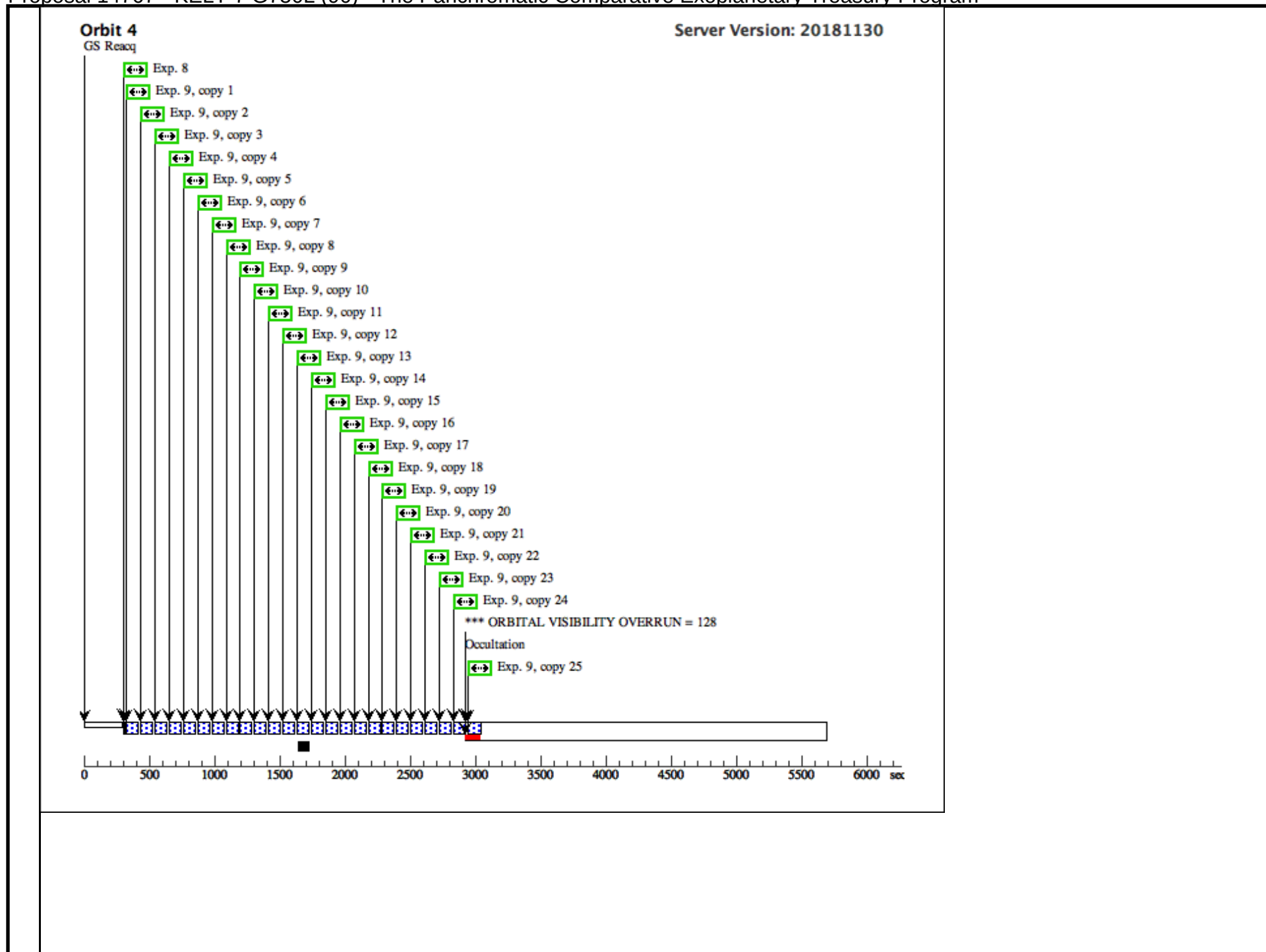


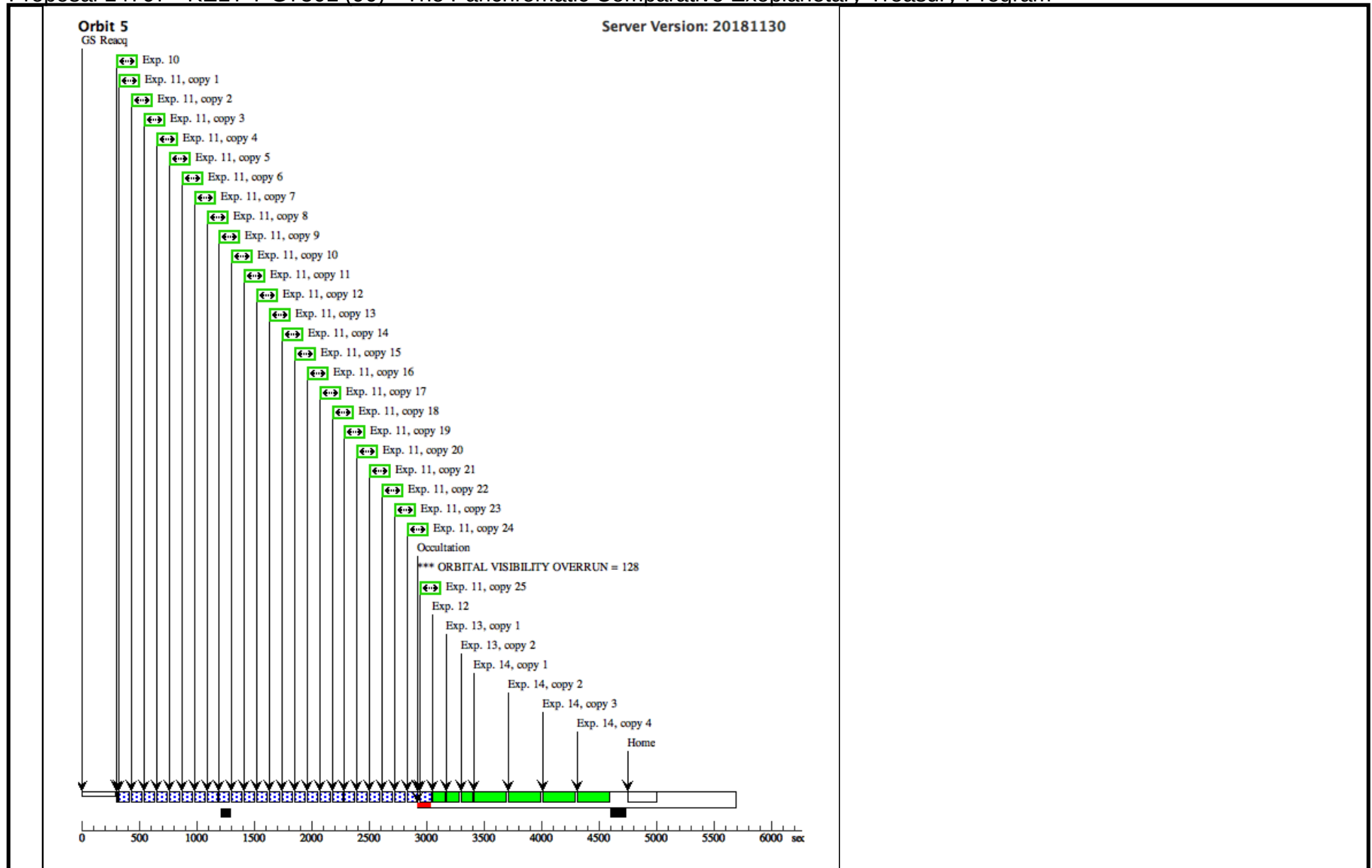
Orbit 3

Server Version: 20181130

GS Reacq







Proposal 14767 - KELT-7 WFC3 transit (91) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, KELT-7 WFC3 transit (91), completed Wed Jun 05 15:15:07 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 2.7347785 D AND ZERO-PHASE HJD2456355.229809 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>				
Diagnostics	(KELT-7 WFC3 transit (91)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (KELT-7 WFC3 transit (91)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (KELT-7 WFC3 transit (91)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (KELT-7 WFC3 transit (91)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (KELT-7 WFC3 transit (91)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(18)	KELT-7	RA: 05 13 10.9294 (78.2955392d) Dec: +33 19 5.40 (33.31817d) Equinox: J2000	Proper Motion RA: 10.40 mas/yr Proper Motion Dec: -49.70 mas/yr Parallax: 0.008" Epoch of Position: 2000	V=8.54 Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F0-F2] Extended=NO				

Proposal 14767 - KELT-7 WFC3 transit (91) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM256	F139M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.930 TO 0.938	Sequence 1-3 Non-Int in KELT-7 WFC3 transit (91)	1.389075 Secs (1.389 Secs) [==>]	[1]
	Comments: The Filter image aperture has been changed to the GRISM256 from IRSUB256 to match the correct procedures as described in the handbook and obtain the correct wavelength calibration position.									
	2		(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=4	POS TARG 0.0,-16; SPATIAL SCAN 0.9,90.0 Degrees, Round trip	Sequence 1-3 Non-Int in KELT-7 WFC3 transit (91)	22.317276 Secs X 17 (758.787 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)]	[1]
	3		(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=SPARS 10; NSAMP=10		Sequence 1-3 Non-Int in KELT-7 WFC3 transit (91)	92.940958 Secs X 2 (185.882 Secs) [==>(Copy 1)] [==>(Copy 2)]	[1]

Proposal 14767 - KELT-7 WFC3 transit (91) - The Panchromatic Comparative Exoplanetary Treasury Program

4	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=4	POS TARG 0.0,-16; SPATIAL SCAN 0.9 ,90.0 Degrees,Round trip	Sequence 4-6 Non-In t in KELT-7 WFC3 t ransit (91)	22.317276 Secs X 19 (848.056 Secs)	[2]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)] [==>(Copy 18, Forward)] [==>(Copy 18, Reverse)] [==>(Copy 19, Forward)] [==>(Copy 19, Reverse)]	
5	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=10		Sequence 4-6 Non-In t in KELT-7 WFC3 t ransit (91)	29.32291 Secs (29.323 Secs)	
							[==>]	[2]
6	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=9		Sequence 4-6 Non-In t in KELT-7 WFC3 t ransit (91)	26.390619 Secs (26.391 Secs)	
							[==>]	[2]

Proposal 14767 - KELT-7 WFC3 transit (91) - The Panchromatic Comparative Exoplanetary Treasury Program

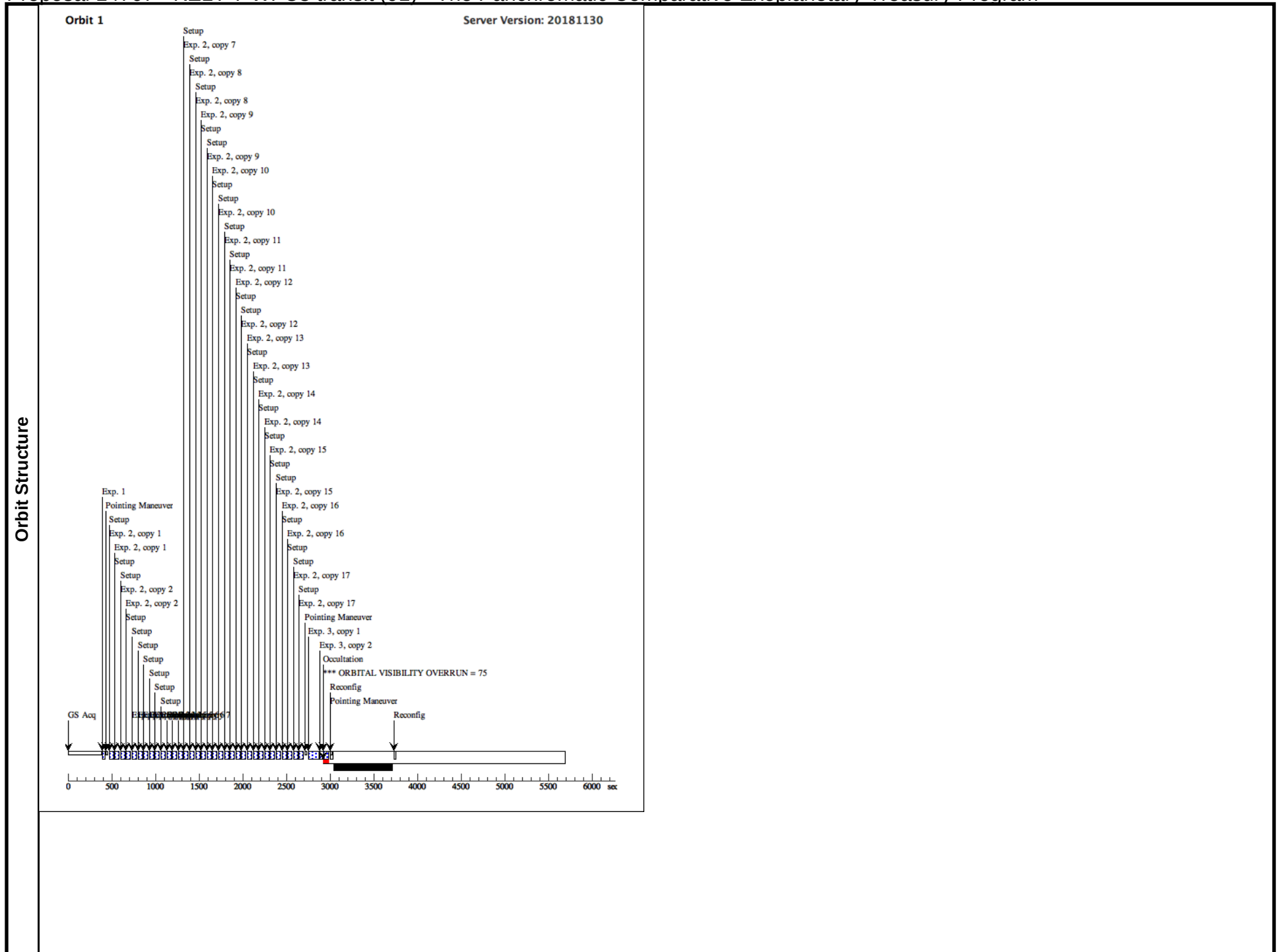
7	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=4	POS TARG 0.0,-16; SPATIAL SCAN 0.9 ,90.0 Degrees, Round trip	Sequence 7-9 Non-In t in KELT-7 WFC3 t ransit (91)	22.317276 Secs X 19 (848.056 Secs)	[3]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)] [==>(Copy 18, Forward)] [==>(Copy 18, Reverse)] [==>(Copy 19, Forward)] [==>(Copy 19, Reverse)]	
8	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=10		Sequence 7-9 Non-In t in KELT-7 WFC3 t ransit (91)	29.32291 Secs (29.323 Secs)	
							[==>]	[3]
9	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=9		Sequence 7-9 Non-In t in KELT-7 WFC3 t ransit (91)	26.390619 Secs (26.391 Secs)	
							[==>]	[3]

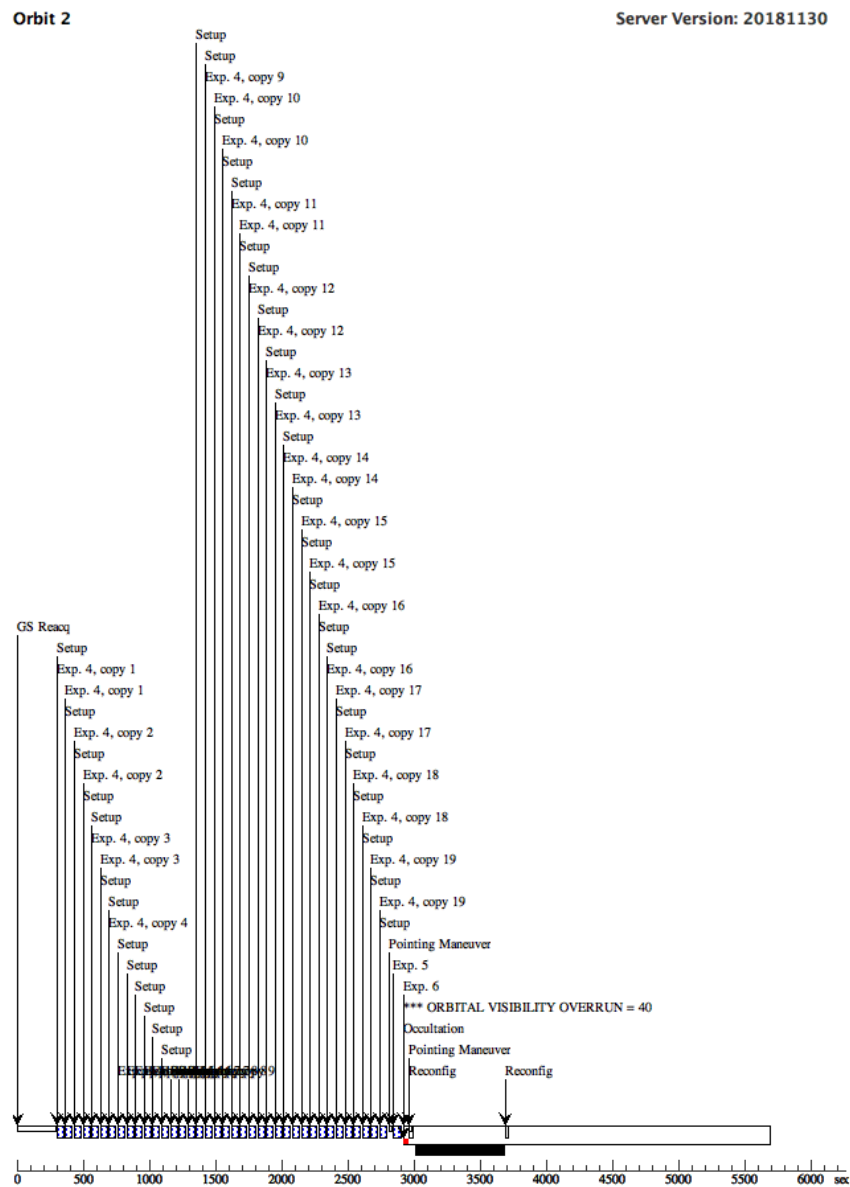
Proposal 14767 - KELT-7 WFC3 transit (91) - The Panchromatic Comparative Exoplanetary Treasury Program

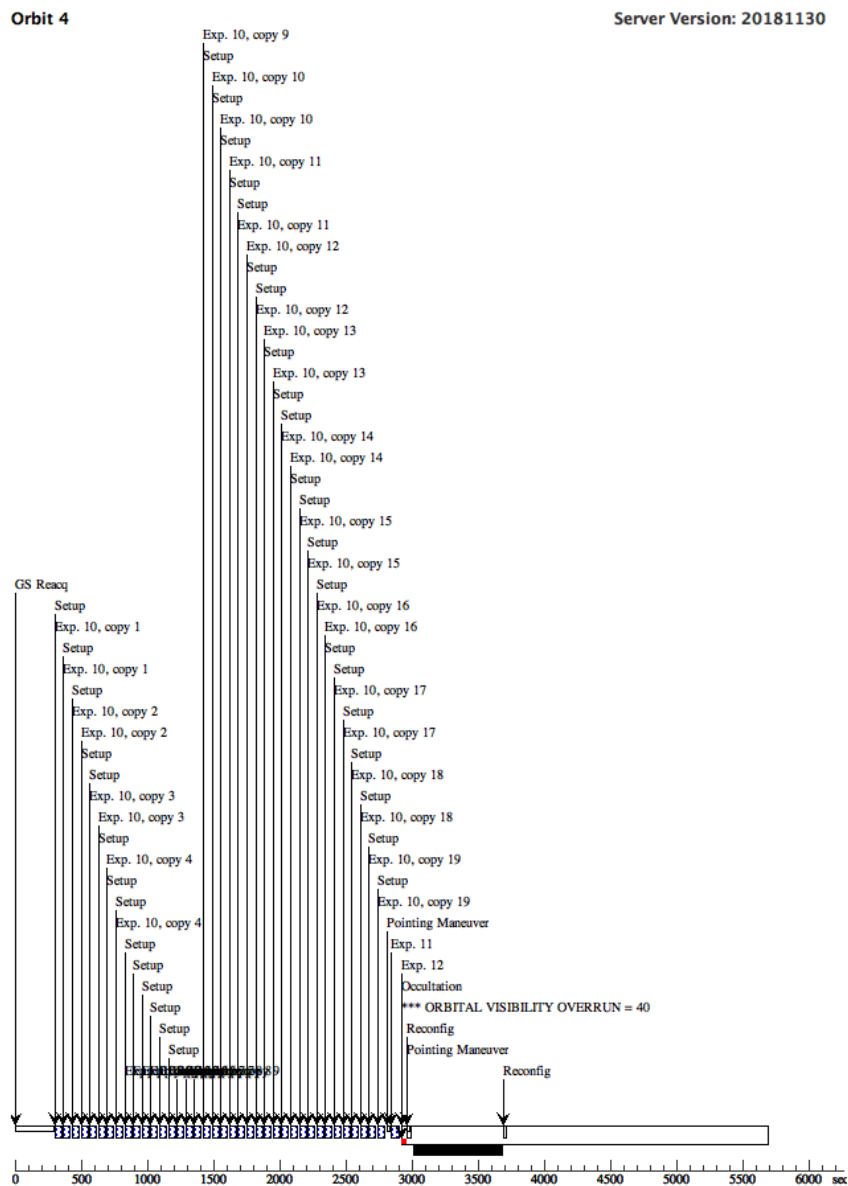
10	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=4	POS TARG 0.0,-16; SPATIAL SCAN 0.9 ,90.0 Degrees,Round trip	Sequence 10-12 Non -Int in KELT-7 WFC 3 transit (91)	22.317276 Secs X 19 (848.056 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)] [==>(Copy 18, Forward)] [==>(Copy 18, Reverse)] [==>(Copy 19, Forward)] [==>(Copy 19, Reverse)]	[4]
11	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=10		Sequence 10-12 Non -Int in KELT-7 WFC 3 transit (91)	29.32291 Secs (29.323 Secs) [==>]	[4]
12	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=9		Sequence 10-12 Non -Int in KELT-7 WFC 3 transit (91)	26.390619 Secs (26.391 Secs) [==>]	[4]

Proposal 14767 - KELT-7 WFC3 transit (91) - The Panchromatic Comparative Exoplanetary Treasury Program

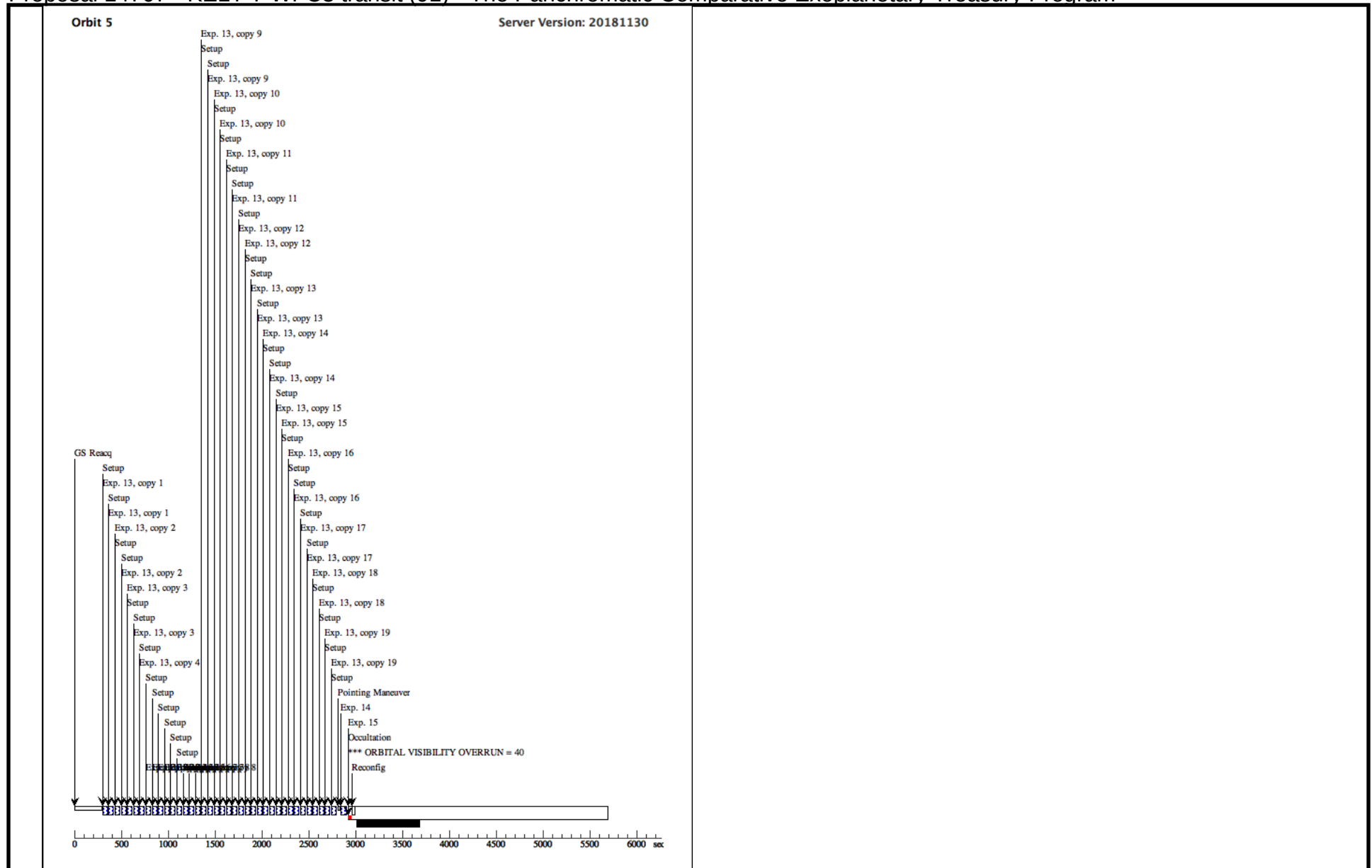
13	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=4	POS TARG 0.0,-16; SPATIAL SCAN 0.9 ,90.0 Degrees,Round trip	Sequence 13-15 Non -Int in KELT-7 WFC 3 transit (91)	22.317276 Secs X 19 (848.056 Secs)	[5]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)] [==>(Copy 18, Forward)] [==>(Copy 18, Reverse)] [==>(Copy 19, Forward)] [==>(Copy 19, Reverse)]	
14	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=10		Sequence 13-15 Non -Int in KELT-7 WFC 3 transit (91)	29.32291 Secs (29.323 Secs)	
							[==>]	[5]
15	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=9		Sequence 13-15 Non -Int in KELT-7 WFC 3 transit (91)	26.390619 Secs (26.391 Secs)	
							[==>]	[5]







Proposal 14767 - KELT-7 WFC3 transit (91) - The Panchromatic Comparative Exoplanetary Treasury Program



Proposal 14767 - KELT-7 WFC3 eclipse (92) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, KELT-7 WFC3 eclipse (92), completed Wed Jun 05 15:15:07 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 2.7347785 D AND ZERO-PHASE HJD2456355.229809 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>				
Diagnostics	(KELT-7 WFC3 eclipse (92)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (KELT-7 WFC3 eclipse (92)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (KELT-7 WFC3 eclipse (92)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (KELT-7 WFC3 eclipse (92)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (KELT-7 WFC3 eclipse (92)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(18)	KELT-7	RA: 05 13 10.9294 (78.2955392d) Dec: +33 19 5.40 (33.31817d) Equinox: J2000	Proper Motion RA: 10.40 mas/yr Proper Motion Dec: -49.70 mas/yr Parallax: 0.008" Epoch of Position: 2000	V=8.54 Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F0-F2] Extended=NO				

Proposal 14767 - KELT-7 WFC3 eclipse (92) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM256	F139M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.4299 TO 0.4377	Sequence 1-3 Non-Int in KELT-7 WFC3 eclipse (92)	1.389075 Secs (1.389 Secs) [==>]	[1]
	Comments: The Filter image aperture has been changed to the GRISM256 from IRSUB256 to match the correct procedures as described in the handbook and obtain the correct wavelength calibration position.									
	2		(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=4	POS TARG 0.0,-16; SPATIAL SCAN 0.9,90.0 Degrees,Round trip	Sequence 1-3 Non-Int in KELT-7 WFC3 eclipse (92)	22.317276 Secs X 17 (758.787 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)]	[1]
	3		(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=SPARS 10; NSAMP=10		Sequence 1-3 Non-Int in KELT-7 WFC3 eclipse (92)	92.940958 Secs X 2 (185.882 Secs) [==>(Copy 1)] [==>(Copy 2)]	[1]

Proposal 14767 - KELT-7 WFC3 eclipse (92) - The Panchromatic Comparative Exoplanetary Treasury Program

4	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=4	POS TARG 0.0,-16; SPATIAL SCAN 0.9 ,90.0 Degrees, Round trip	Sequence 4-6 Non-In t in KELT-7 WFC3 e clipse (92)	22.317276 Secs X 19 (848.056 Secs)	[2]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)] [==>(Copy 18, Forward)] [==>(Copy 18, Reverse)] [==>(Copy 19, Forward)] [==>(Copy 19, Reverse)]	
5	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=10		Sequence 4-6 Non-In t in KELT-7 WFC3 e clipse (92)	29.32291 Secs (29.323 Secs)	
							[==>]	[2]
6	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=9		Sequence 4-6 Non-In t in KELT-7 WFC3 e clipse (92)	26.390619 Secs (26.391 Secs)	
							[==>]	[2]

Proposal 14767 - KELT-7 WFC3 eclipse (92) - The Panchromatic Comparative Exoplanetary Treasury Program

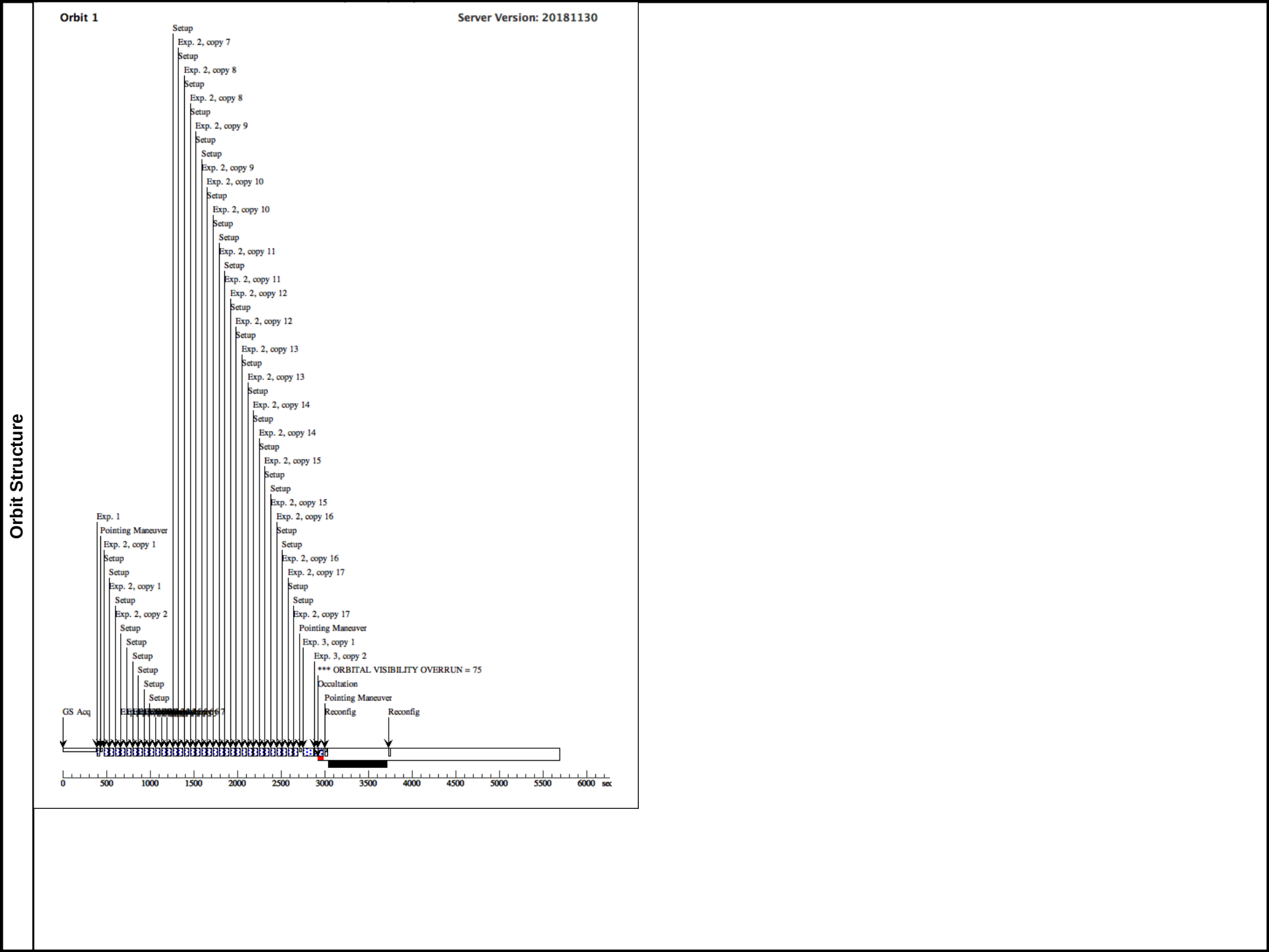
7	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=4	POS TARG 0.0,-16; SPATIAL SCAN 0.9 ,90.0 Degrees, Round trip	Sequence 7-9 Non-In t in KELT-7 WFC3 e clipse (92)	22.317276 Secs X 19 (848.056 Secs)	
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)] [==>(Copy 18, Forward)] [==>(Copy 18, Reverse)] [==>(Copy 19, Forward)] [==>(Copy 19, Reverse)]	[3]
8	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=10		Sequence 7-9 Non-In t in KELT-7 WFC3 e clipse (92)	29.32291 Secs (29.323 Secs)	
							[==>]	[3]
9	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=9		Sequence 7-9 Non-In t in KELT-7 WFC3 e clipse (92)	26.390619 Secs (26.391 Secs)	
							[==>]	[3]

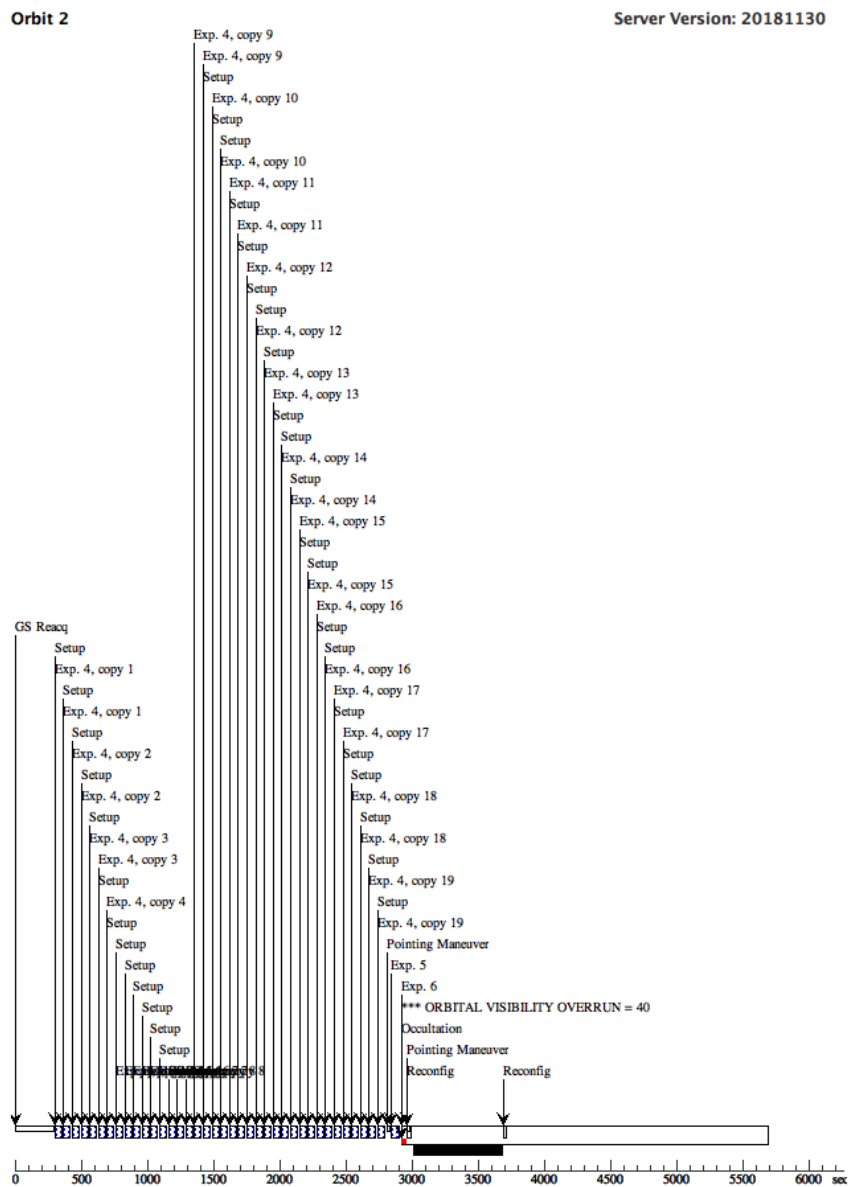
Proposal 14767 - KELT-7 WFC3 eclipse (92) - The Panchromatic Comparative Exoplanetary Treasury Program

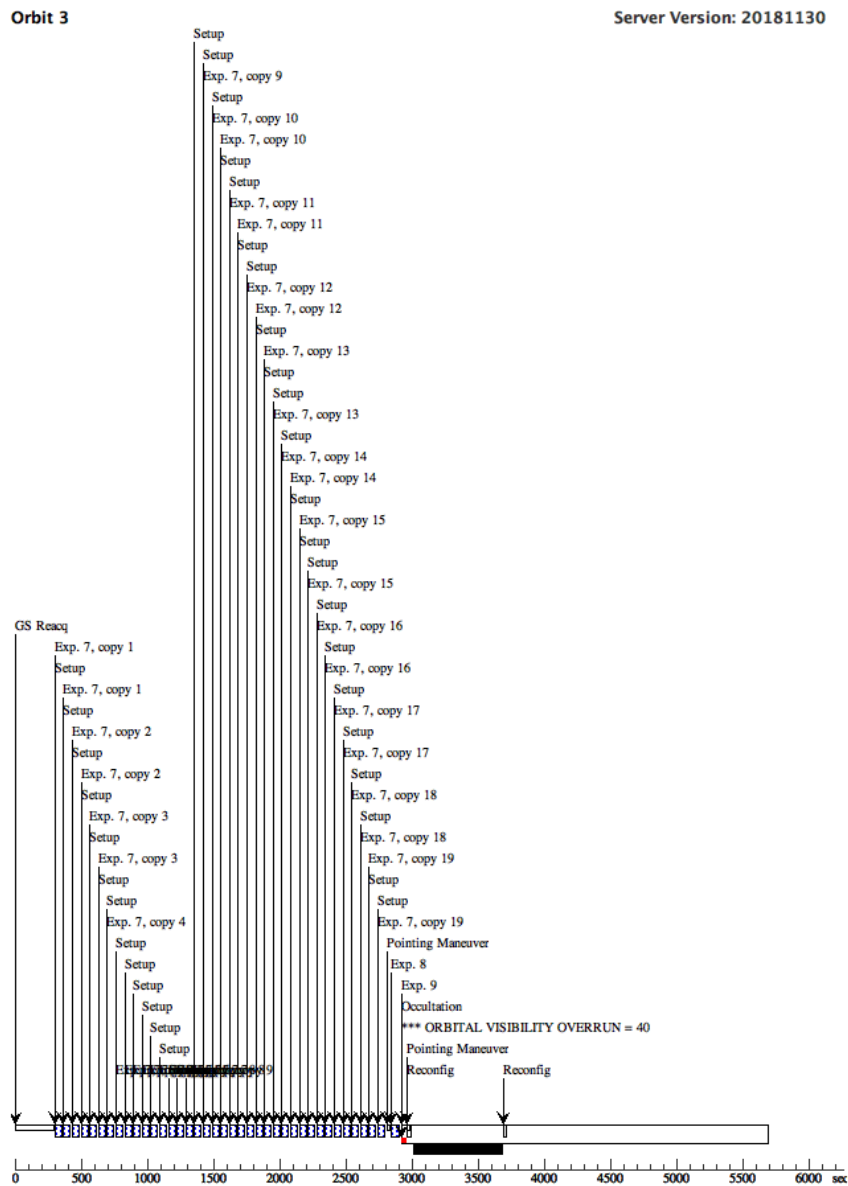
10	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=4	POS TARG 0.0,-16; SPATIAL SCAN 0.9 ,90.0 Degrees, Round trip	Sequence 10-12 Non -Int in KELT-7 WFC 3 eclipse (92)	22.317276 Secs X 19 (848.056 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)] [==>(Copy 18, Forward)] [==>(Copy 18, Reverse)] [==>(Copy 19, Forward)] [==>(Copy 19, Reverse)]	[4]
11	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=10		Sequence 10-12 Non -Int in KELT-7 WFC 3 eclipse (92)	29.32291 Secs (29.323 Secs) [==>]	[4]
12	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=9		Sequence 10-12 Non -Int in KELT-7 WFC 3 eclipse (92)	26.390619 Secs (26.391 Secs) [==>]	[4]

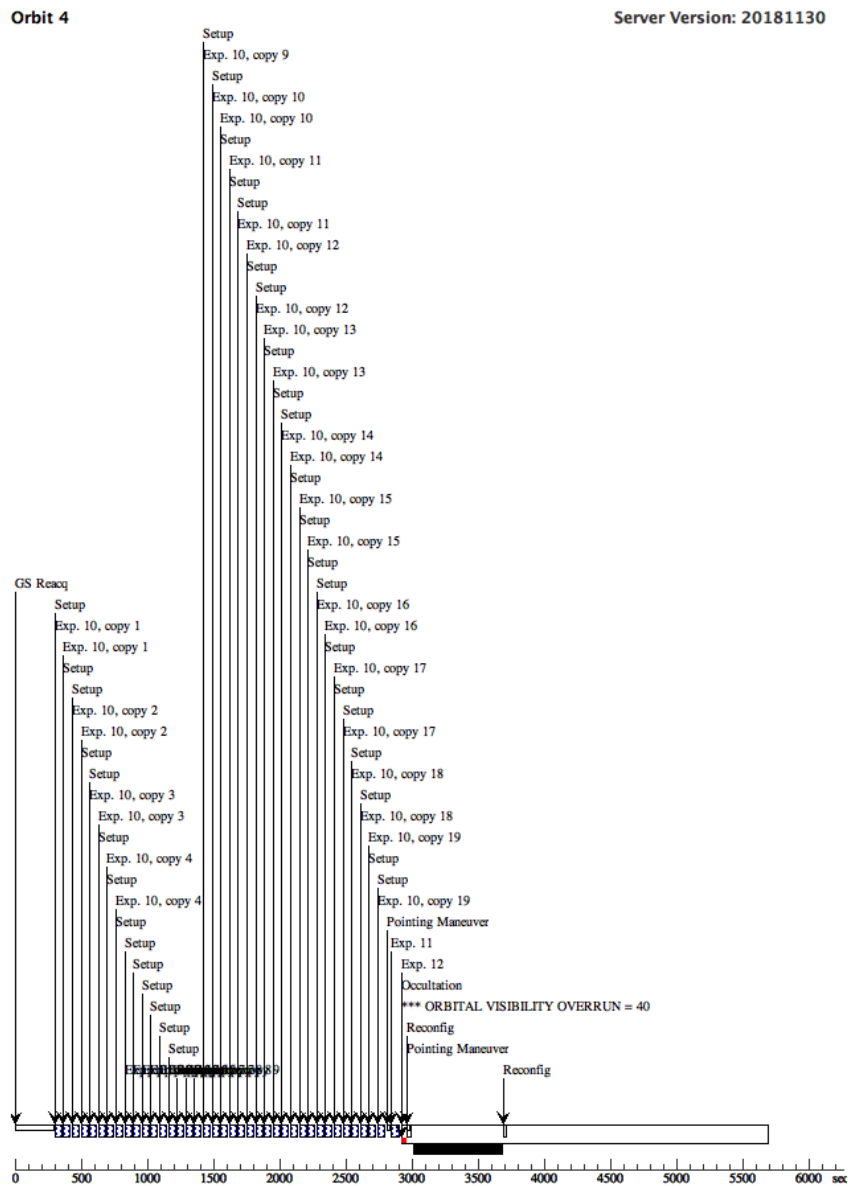
Proposal 14767 - KELT-7 WFC3 eclipse (92) - The Panchromatic Comparative Exoplanetary Treasury Program

13	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=4	POS TARG 0.0,-16; SPATIAL SCAN 0.9 ,90.0 Degrees,Round trip	Sequence 13-15 Non -Int in KELT-7 WFC 3 eclipse (92)	22.317276 Secs X 19 (848.056 Secs)	[5]
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)] [==>(Copy 10, Forward)] [==>(Copy 10, Reverse)] [==>(Copy 11, Forward)] [==>(Copy 11, Reverse)] [==>(Copy 12, Forward)] [==>(Copy 12, Reverse)] [==>(Copy 13, Forward)] [==>(Copy 13, Reverse)] [==>(Copy 14, Forward)] [==>(Copy 14, Reverse)] [==>(Copy 15, Forward)] [==>(Copy 15, Reverse)] [==>(Copy 16, Forward)] [==>(Copy 16, Reverse)] [==>(Copy 17, Forward)] [==>(Copy 17, Reverse)] [==>(Copy 18, Forward)] [==>(Copy 18, Reverse)] [==>(Copy 19, Forward)] [==>(Copy 19, Reverse)]	
14	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=10		Sequence 13-15 Non -Int in KELT-7 WFC 3 eclipse (92)	29.32291 Secs (29.323 Secs)	
							[==>]	[5]
15	(18) KELT-7	WFC3/IR, MULTIACCUM, GRISM1024	F139M	SAMP-SEQ=RAPID ; NSAMP=9		Sequence 13-15 Non -Int in KELT-7 WFC 3 eclipse (92)	26.390619 Secs (26.391 Secs)	
							[==>]	[5]

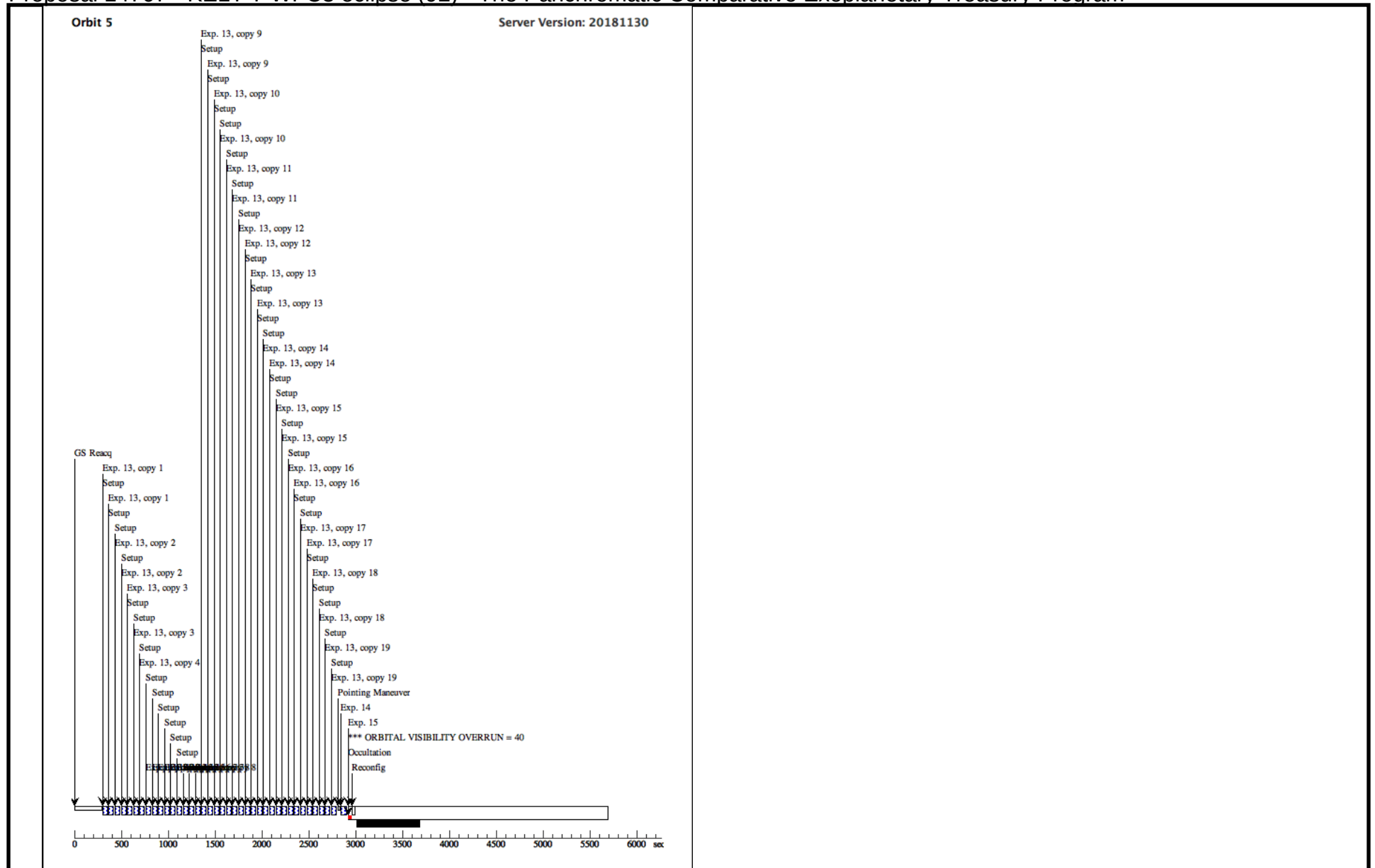








Proposal 14767 - KELT-7 WFC3 eclipse (92) - The Panchromatic Comparative Exoplanetary Treasury Program



Proposal 14767 - WASP-76 G430L (93) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-76 G430L (93), completed	Wed Jun 05 15:15:07 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 1.809886 D AND ZERO-PHASE HJD2456107.85507	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

[illegible]

Proposal 14767 - WASP-76 G430L (93) - The Panchromatic Comparative Exoplanetary Treasury Program

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(WASP-76 G430L (93)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(19)	WASP-76	RA: 01 46 31.8590 (26.6327458d)	Proper Motion RA: 47.3 mas/yr	V=9.5
			Dec: +02 42 2.07 (2.70058d)	Proper Motion Dec: -38.9 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.				
	Category=STAR				
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]				
	Extended=NO				

Proposal 14767 - WASP-76 G430L (93) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5317)	(19) WASP-76	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.894 TO 0.903		0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.29 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.52, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	WASP-76 G 430L Orbit 1	(19) WASP-76	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
Exposures	3	WASP-76 G 430L Orbit 1 (STIS.sp.82 1971)	(19) WASP-76	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			140 Secs X 14 (1960 Secs) [==>(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)]	[1]
	4	WASP-76 G 430L Orbit 2	(19) WASP-76	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-76 G430L (93) - The Panchromatic Comparative Exoplanetary Treasury Program

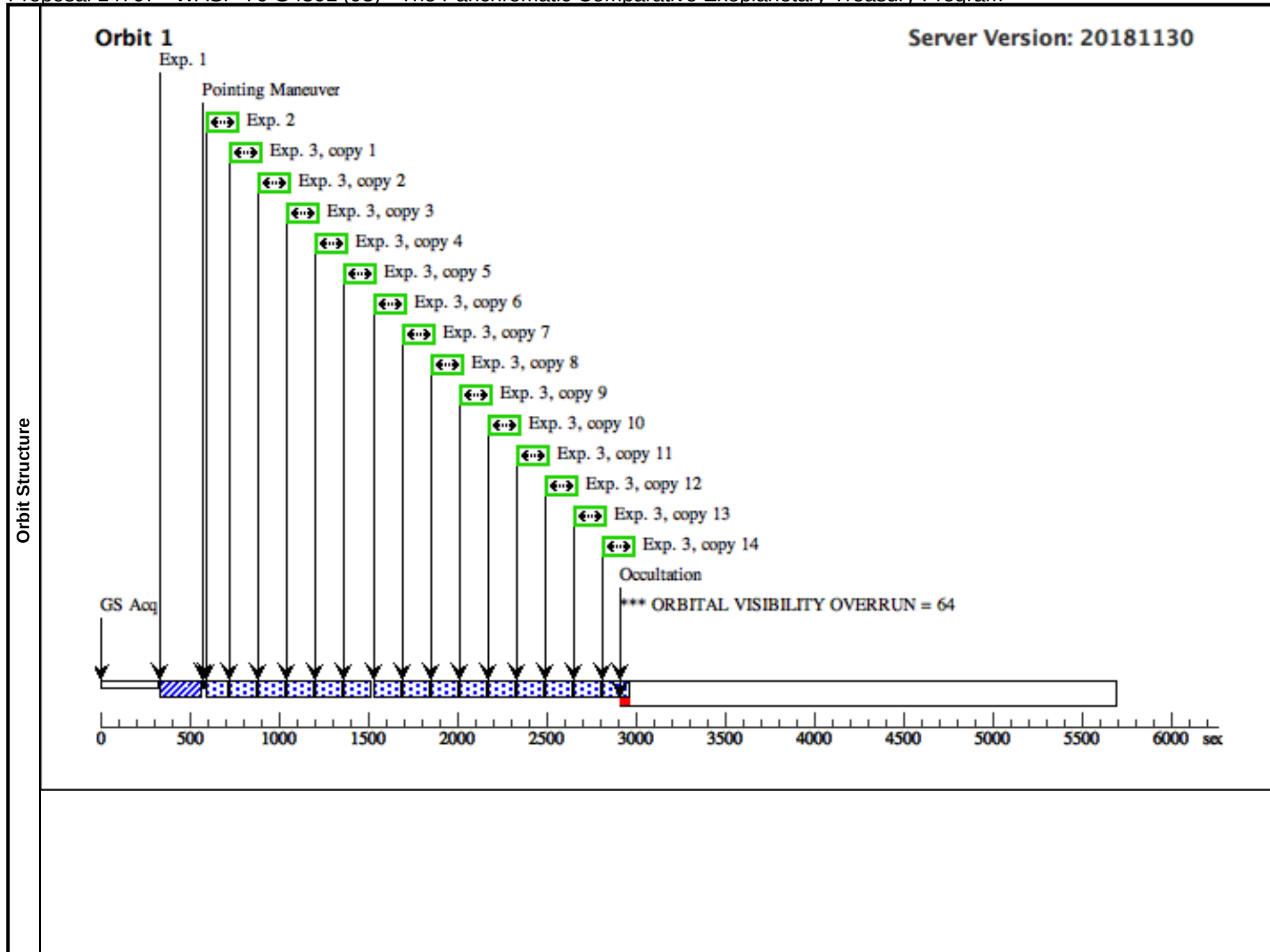
5	WASP-76 G (19) WASP-76 430L Orbit 2 (STIS.sp.82 1971)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	140 Secs X 17 (2380 Secs)	[2]
					[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	
6	WASP-76 G (19) WASP-76 430L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs (1 Secs)	[3]
					[==>]	
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
7	WASP-76 G (19) WASP-76 430L Orbit 3 (STIS.sp.82 1971)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	140 Secs X 17 (2380 Secs)	[3]
					[==>(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)]	

Proposal 14767 - WASP-76 G430L (93) - The Panchromatic Comparative Exoplanetary Treasury Program

8	WASP-76 G (19) WASP-76 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>						
9	WASP-76 G (19) WASP-76 430L Orbit 4 (STIS.sp.82 1971)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]
10	WASP-76 G (19) WASP-76 430L Orbit 5 (STIS.sp.82 1971)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	140 Secs X 17 (2380 Secs) [==>(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)]	[5]

Proposal 14767 - WASP-76 G430L (93) - The Panchromatic Comparative Exoplanetary Treasury Program

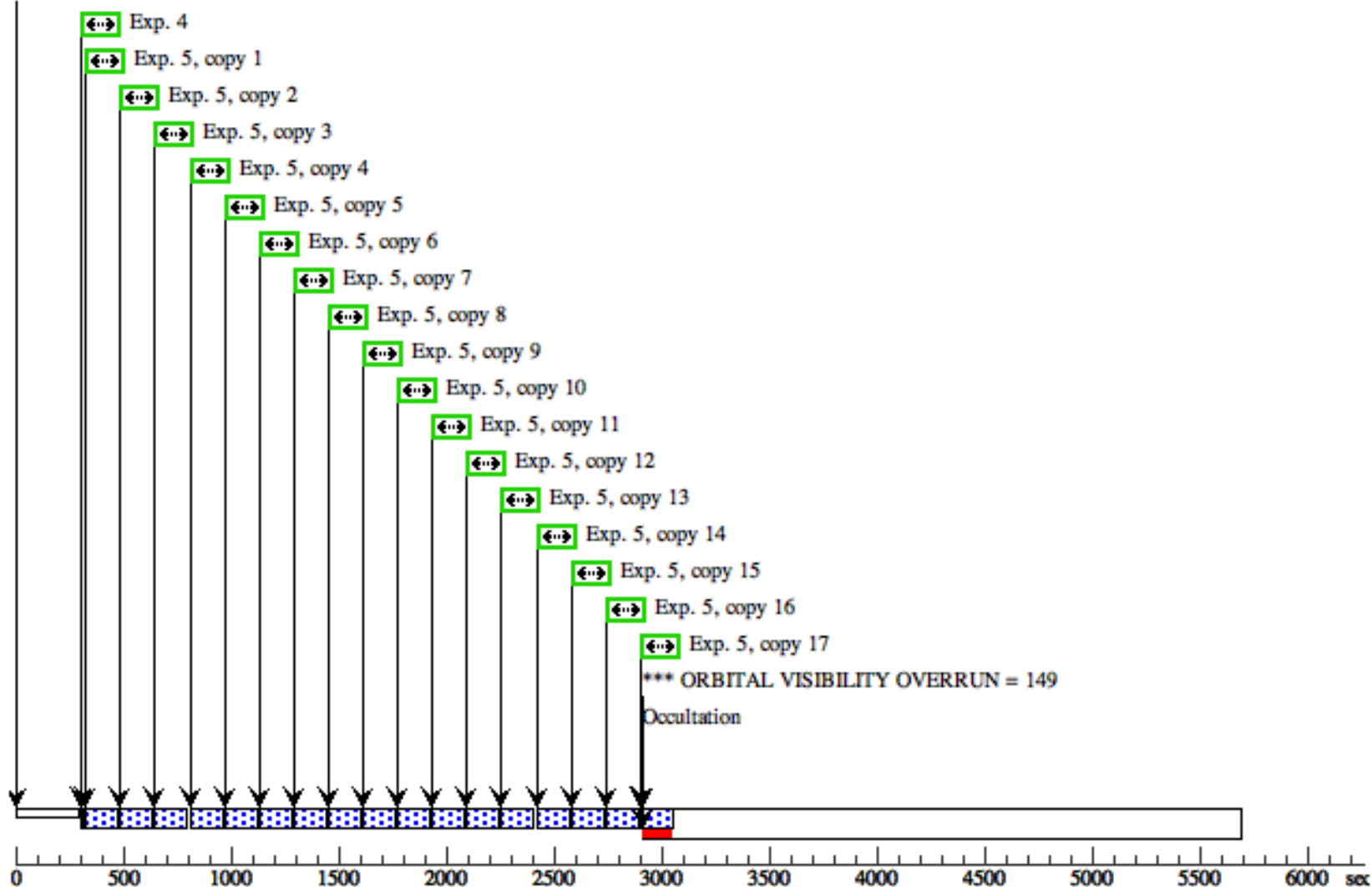
	11	WASP-76 G (19) WASP-76 430L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs (1 Secs)	
						[==>]	[5]
						<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>	
	12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		[==>]	[5]
						<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>	



Orbit 2

Server Version: 20181130

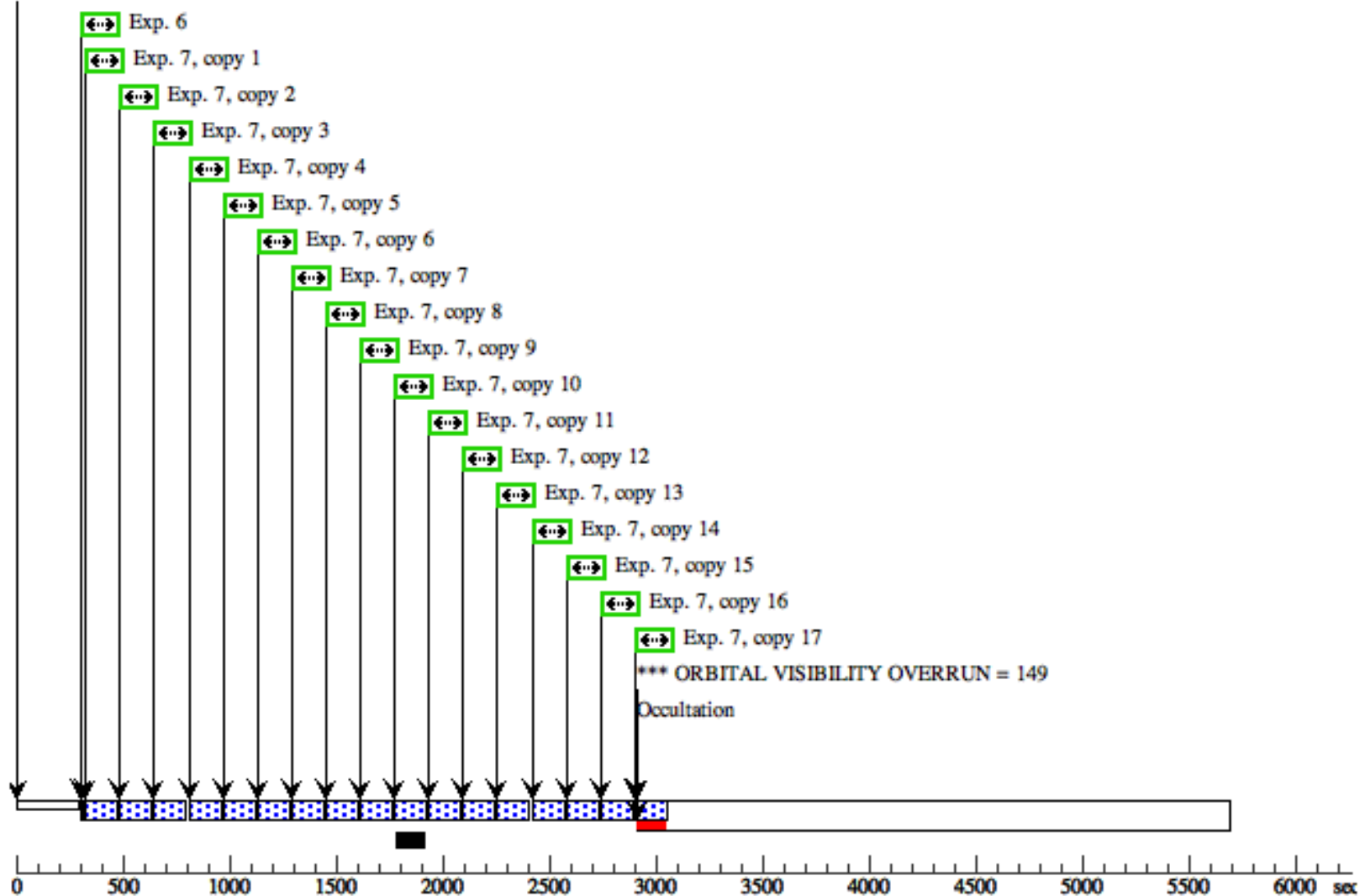
GS Reacq



Orbit 3

GS Reacq

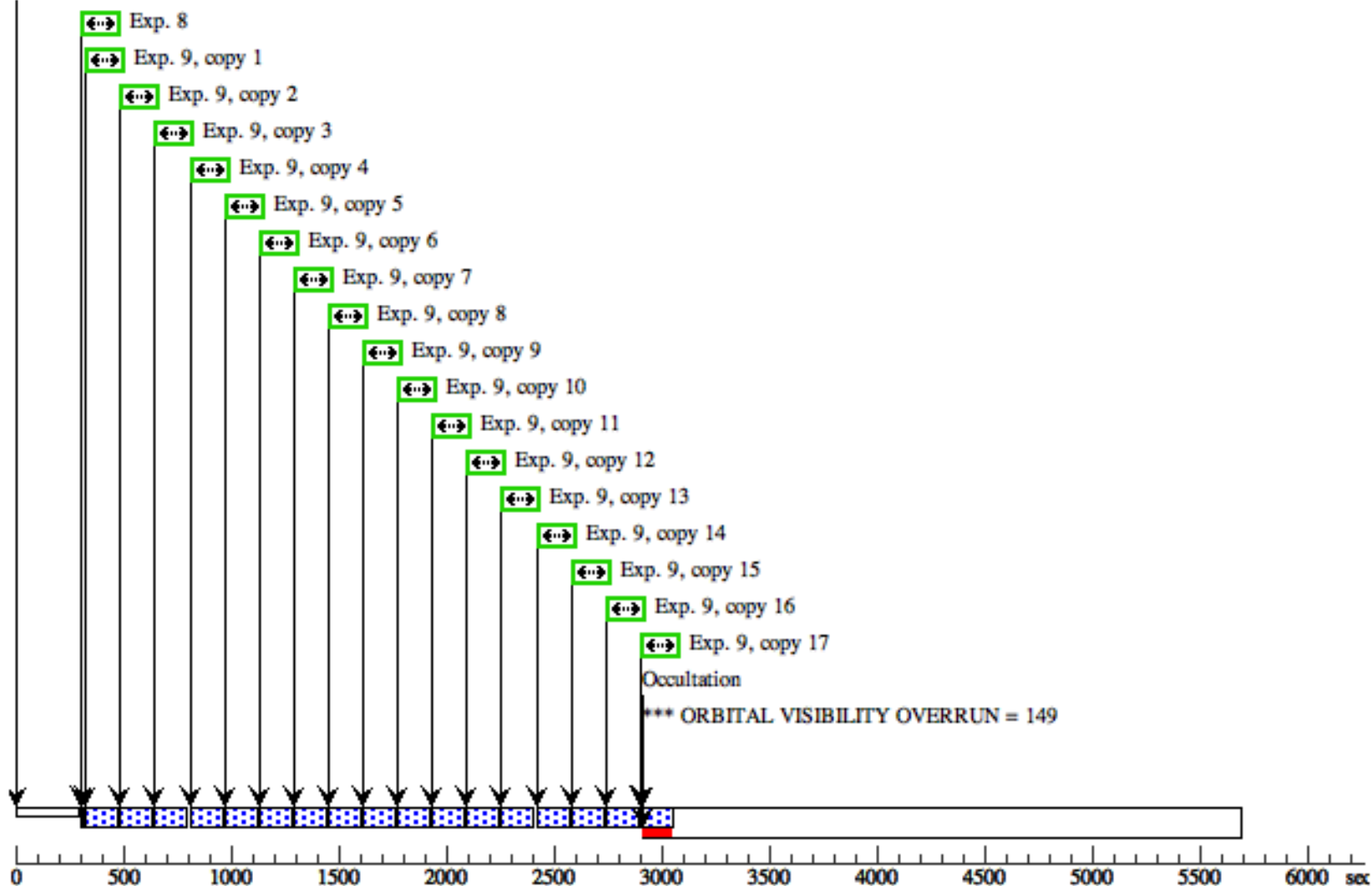
Server Version: 20181130

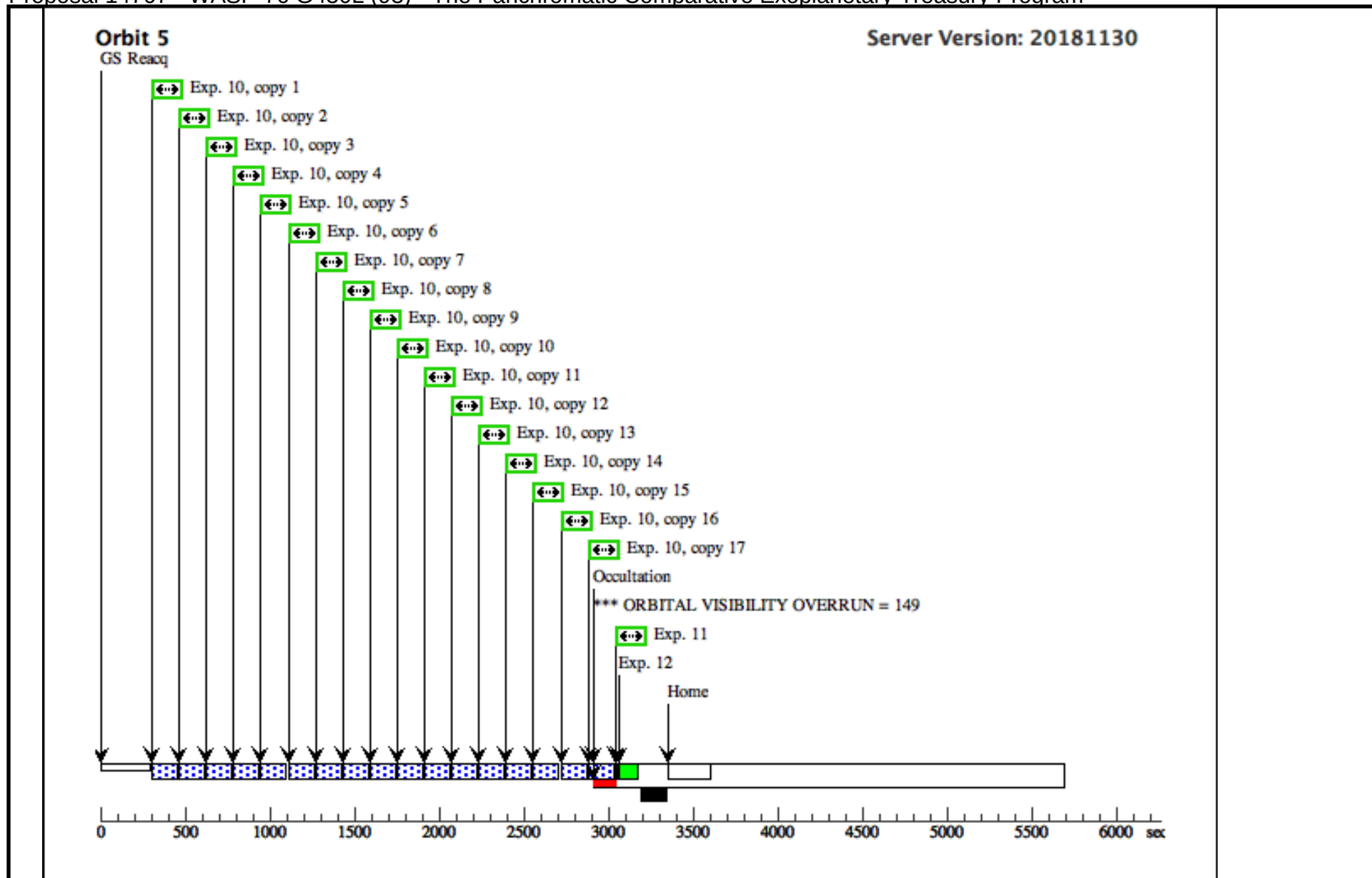


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-76 G430L x2 (94) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-76 G430L x2 (94), completed	Wed Jun 05 15:15:07 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 1.809886 D AND ZERO-PHASE HJD2456107.85507	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - WASP-76 G430L x2 (94) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-76 G430L x2 (94) - The Panchromatic Comparative Exoplanetary Treasury Program

	(WASP-76 G430L x2 (94)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-76 G430L x2 (94)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-76 G430L x2 (94)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-76 G430L x2 (94)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-76 G430L x2 (94)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-76 G430L x2 (94)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-76 G430L x2 (94)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-76 G430L x2 (94)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-76 G430L x2 (94)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-76 G430L x2 (94)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-76 G430L x2 (94)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-76 G430L x2 (94)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL 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Proposal 14767 - WASP-76 G430L x2 (94) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5317)	(19) WASP-76	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.894 TO 0.903	Sequence 1-3 Non-Int in WASP-76 G430L x2 (94)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.29 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.52, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	WASP-76 G 430L Orbit 1	(19) WASP-76	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-76 G430L x2 (94)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
Exposures	3	WASP-76 G 430L Orbit 1 (STIS.sp.82 1971)	(19) WASP-76	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-76 G430L x2 (94)	140 Secs X 14 (1960 Secs) [==>(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)]	[1]
	4	WASP-76 G 430L Orbit 2	(19) WASP-76	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-76 G430L x2 (94)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-76 G430L x2 (94) - The Panchromatic Comparative Exoplanetary Treasury Program

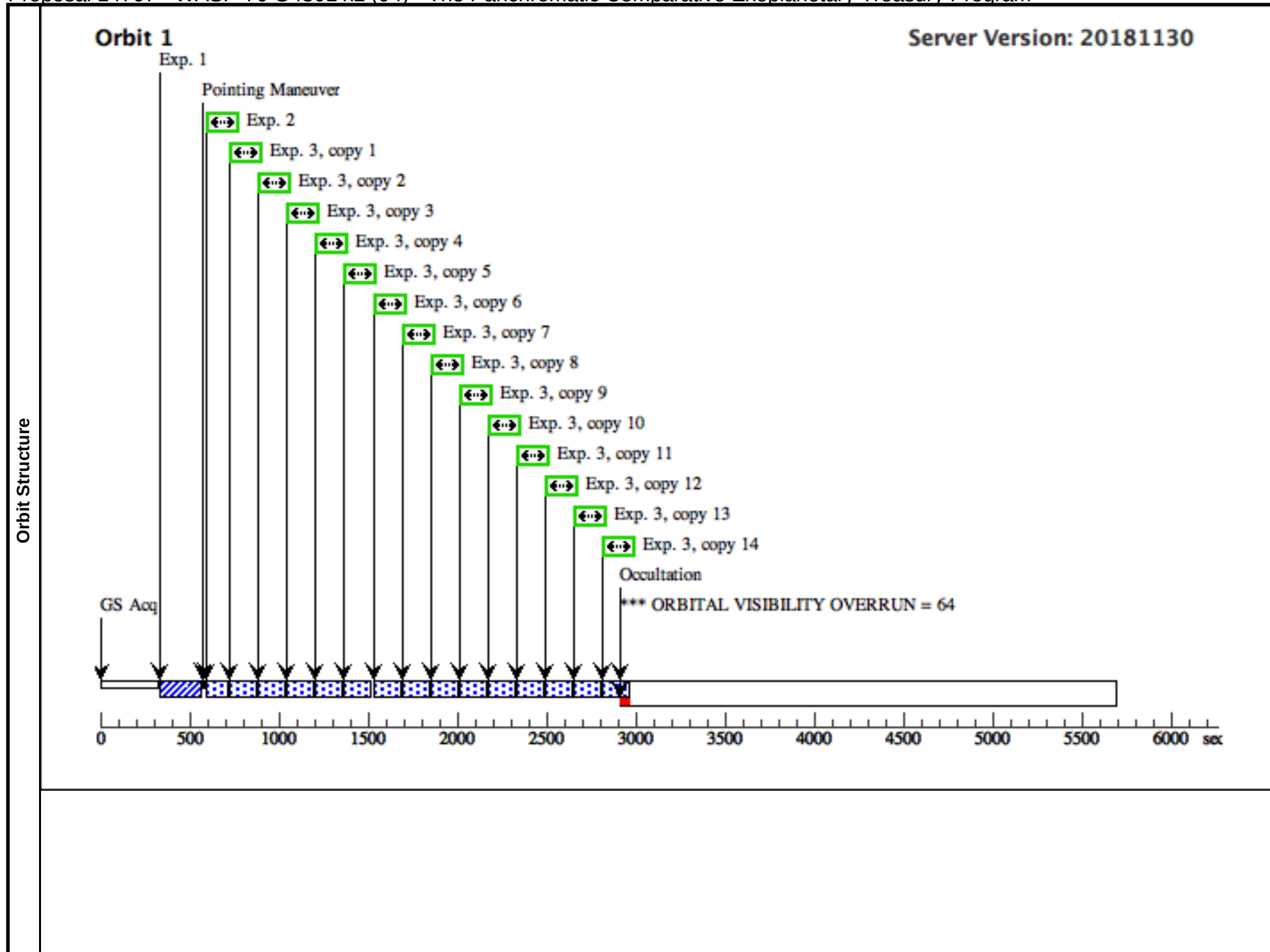
5	WASP-76 G (19) WASP-76 430L Orbit 2 (STIS.sp.82 1971)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 4-5 Non-Int in WASP-76 G430 L x2 (94)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
6	WASP-76 G (19) WASP-76 430L Orbit 3	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-76 G430 L x2 (94)	1 Secs (1 Secs) [==>]	[3]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
7	WASP-76 G (19) WASP-76 430L Orbit 3 (STIS.sp.82 1971)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-76 G430 L x2 (94)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[3]

Proposal 14767 - WASP-76 G430L x2 (94) - The Panchromatic Comparative Exoplanetary Treasury Program

8	WASP-76 G (19) WASP-76 430L Orbit 4	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-76 G430 L x2 (94)	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-76 G (19) WASP-76 430L Orbit 4 (STIS.sp.82 1971)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-76 G430 L x2 (94)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]
10	WASP-76 G (19) WASP-76 430L Orbit 5 (STIS.sp.82 1971)	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non-Int in WASP-76 G430L x2 (94)	140 Secs X 17 (2380 Secs) [==>(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)]	[5]

Proposal 14767 - WASP-76 G430L x2 (94) - The Panchromatic Comparative Exoplanetary Treasury Program

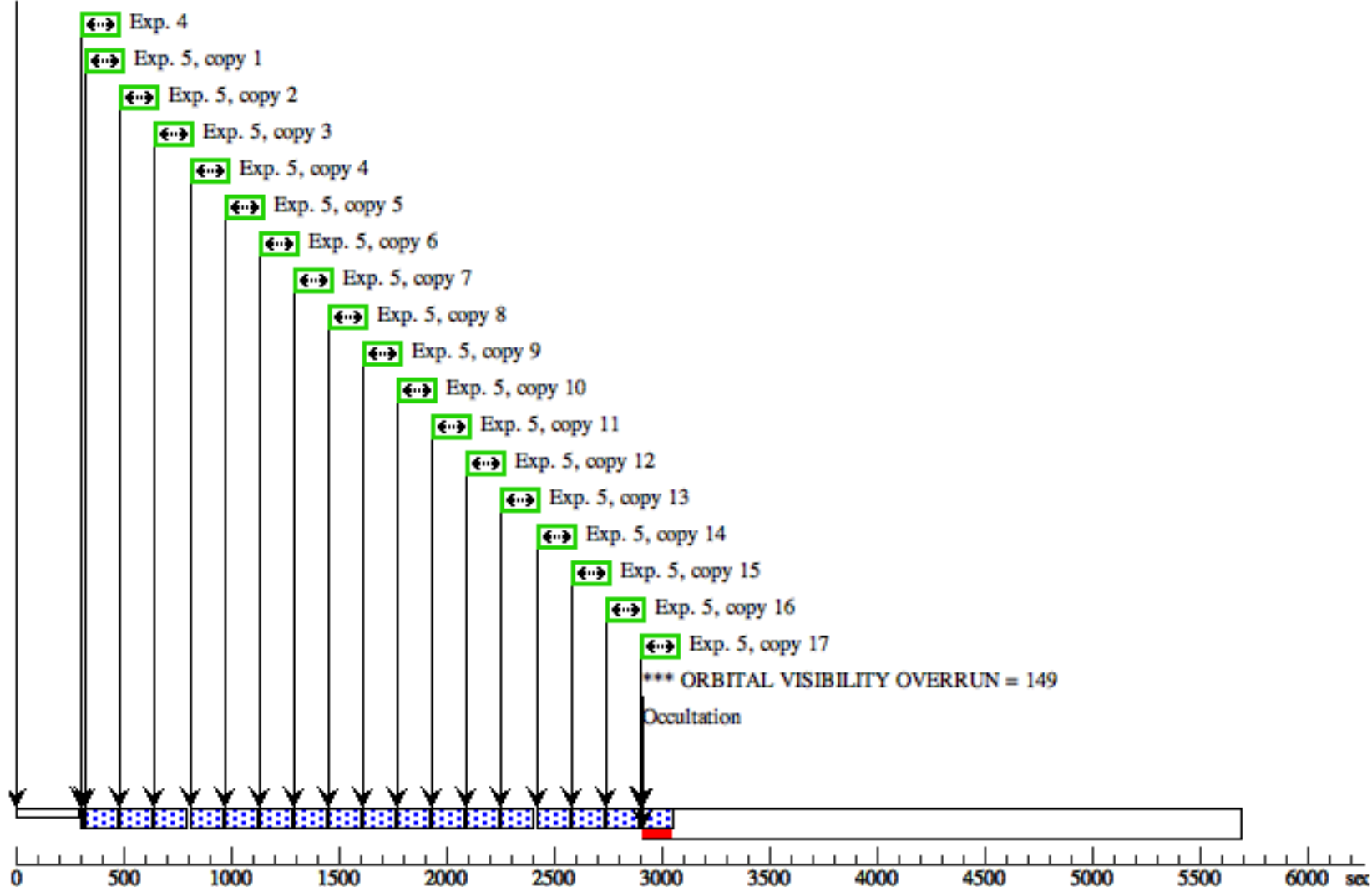
	11	WASP-76 G (19) WASP-76 430L Orbit 5	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-12 Non -Int in WASP-76 G4 30L x2 (94)	1 Secs (1 Secs)	
							[==>]	[5]
							<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>	
	12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A		Sequence 10-12 Non -Int in WASP-76 G4 30L x2 (94)	[==>]	[5]
							<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>	



Orbit 2

Server Version: 20181130

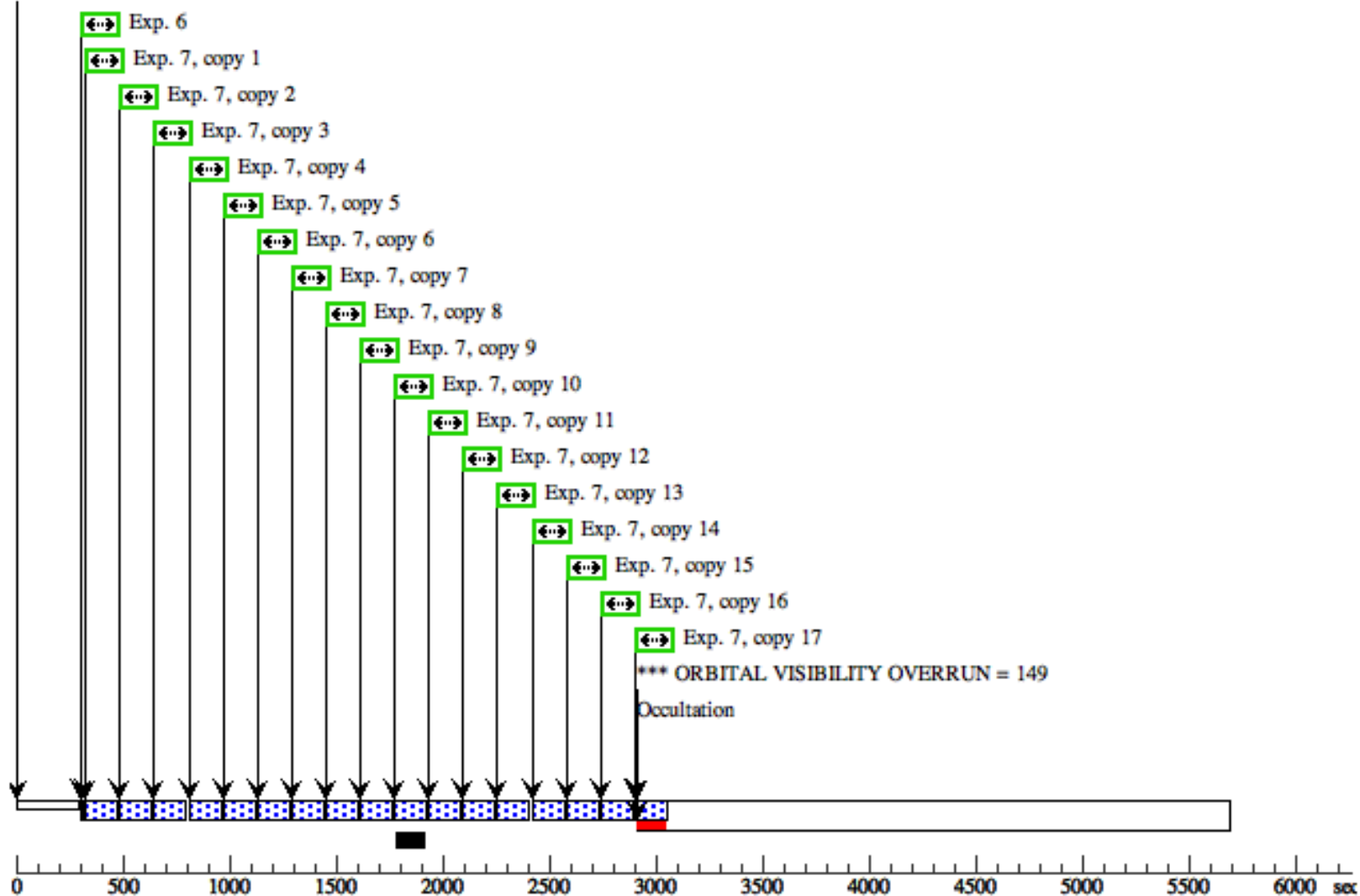
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Orbit 3

Server Version: 20181130

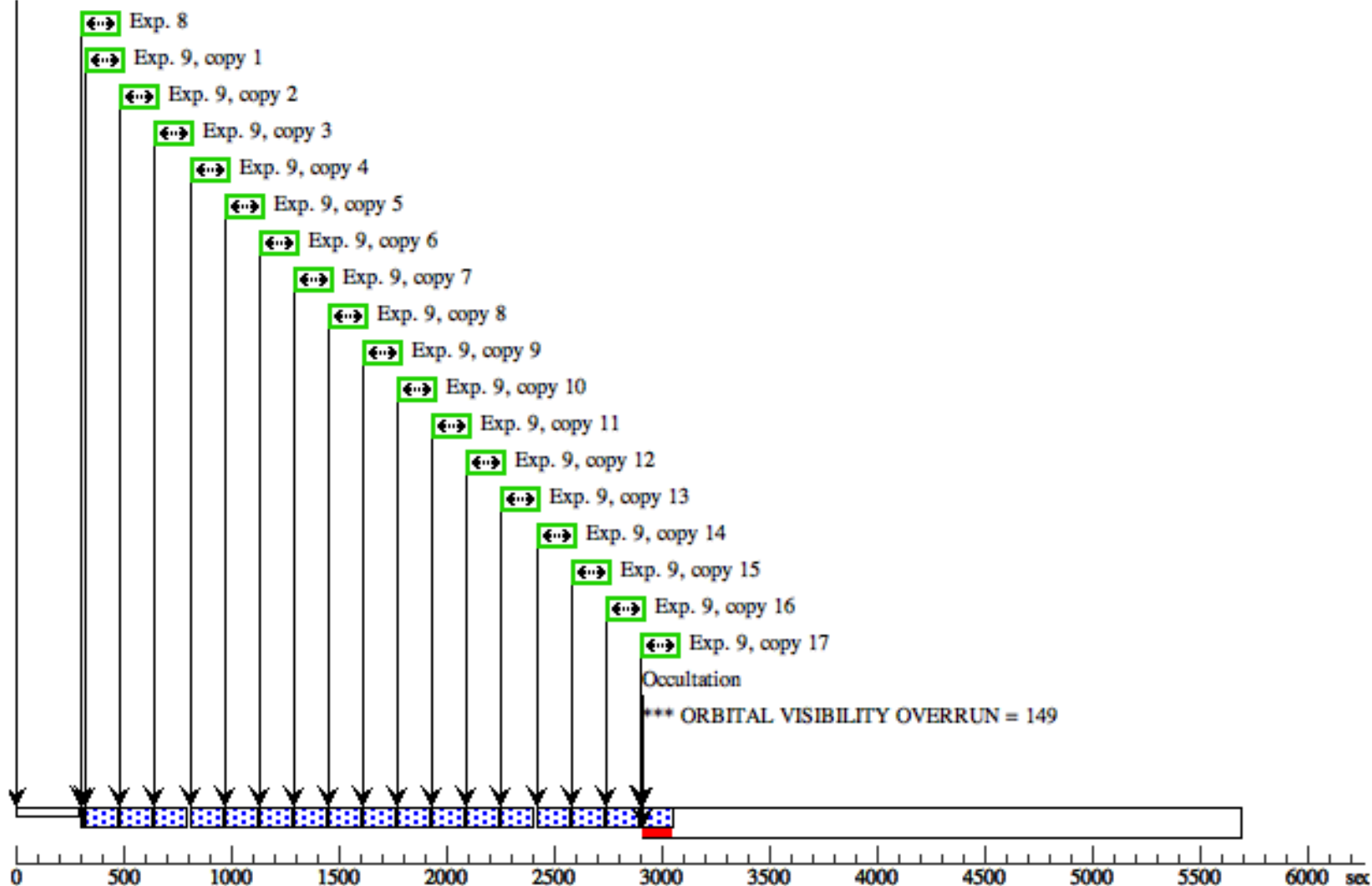
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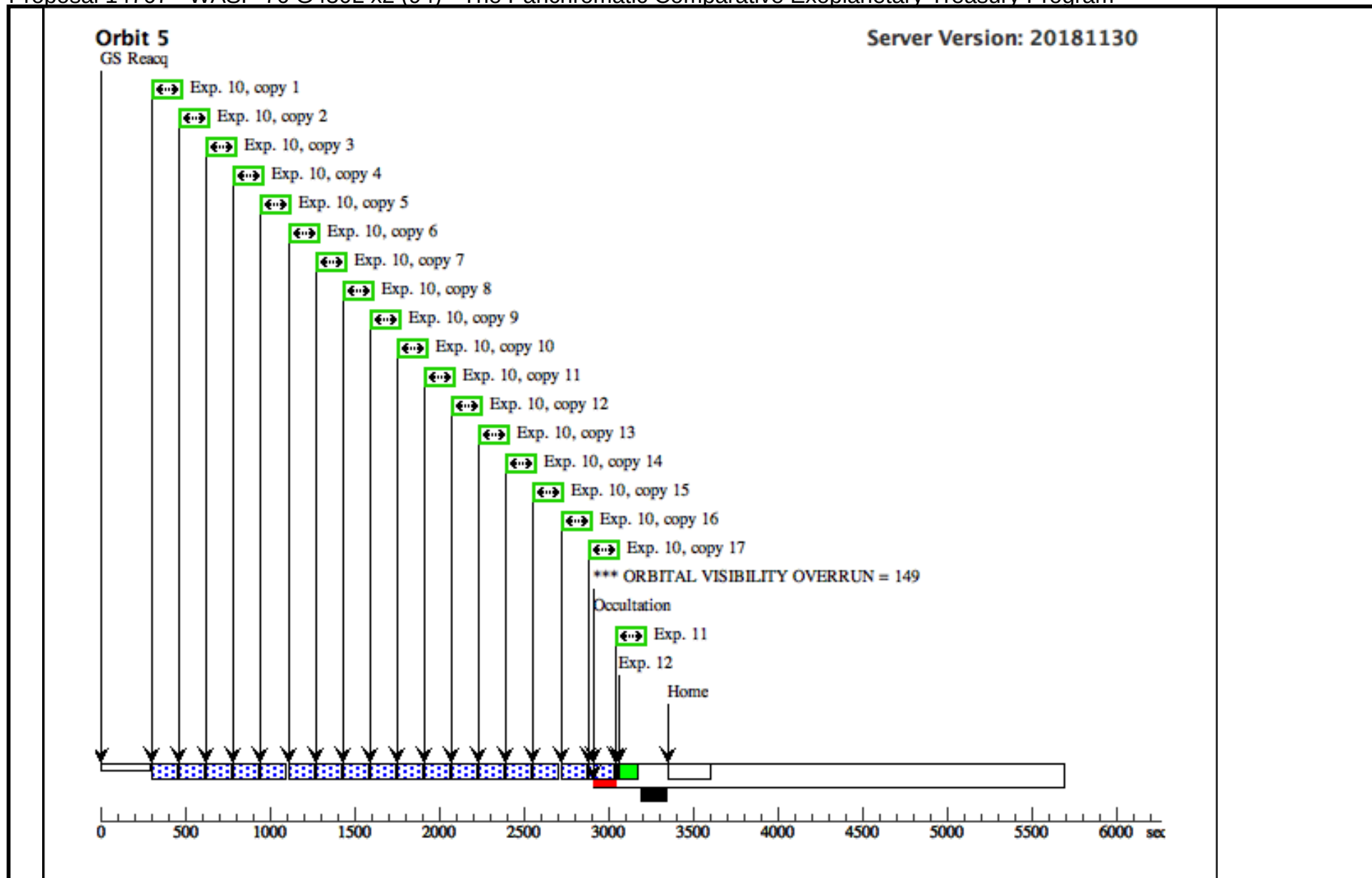


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-74 WFC3 Transit (79) - The Panchromatic Comparative Exoplanetary Treasury Program

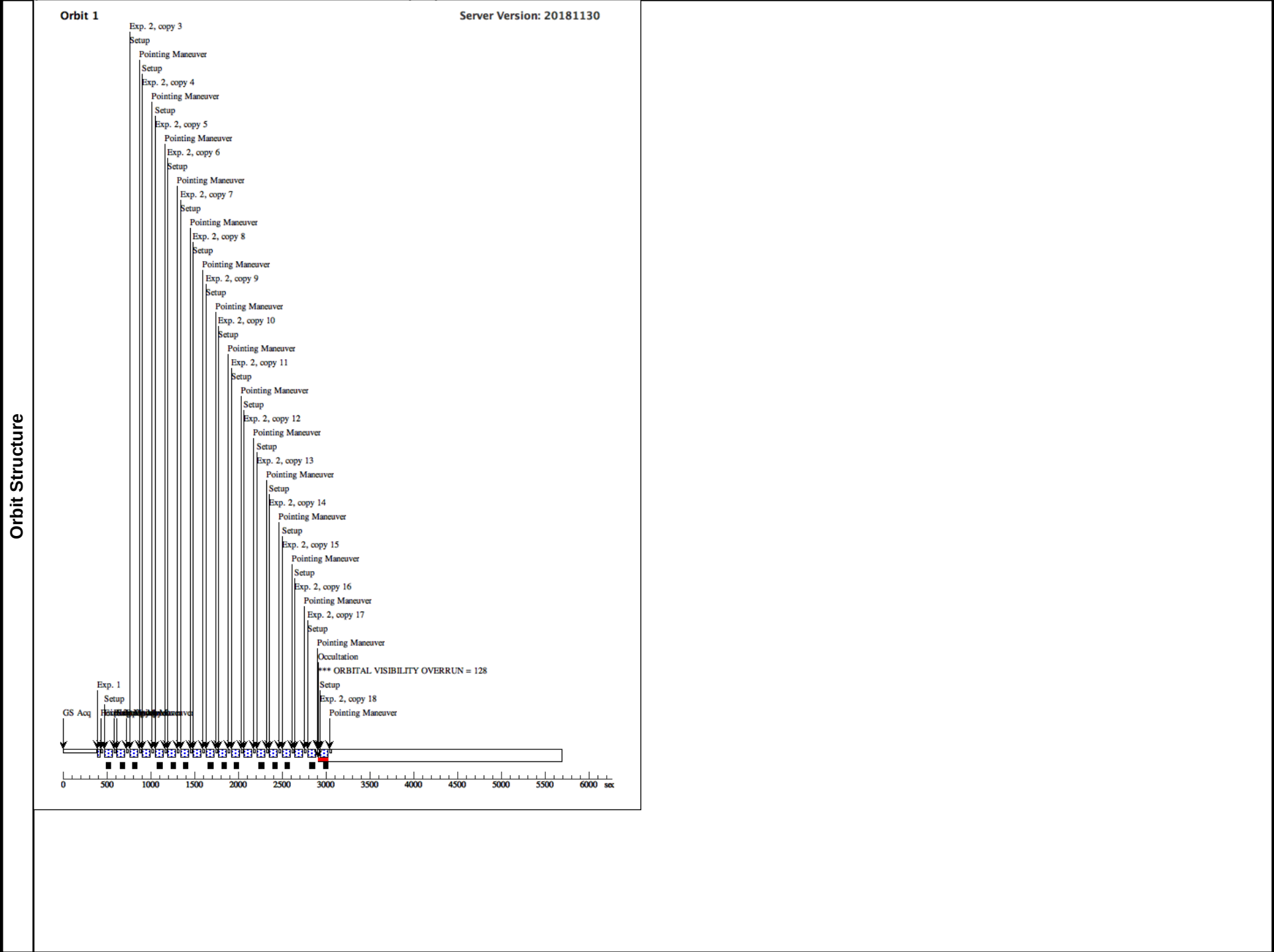
Visit	Proposal 14767, WASP-74 WFC3 Transit (79), completed					Wed Jun 05 15:15:07 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR					
	Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; ORIENT 253D TO 359.999 D; ORIENT 73D TO 193 D; ORIENT 0D TO 13 D; Period 2.137750 D AND ZERO-PHASE HJD2456506.8918					
Diagnostics	Comments: It is essential that the four orbits be scheduled in a coninuous block.					
	(WASP-74 WFC3 Transit (79)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-74 WFC3 Transit (79)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-74 WFC3 Transit (79)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	(WASP-74 WFC3 Transit (79)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	WASP-74	RA: 20 18 9.3241 (304.5388504d) Dec: -01 04 32.62 (-1.07573d) Equinox: J2000	Proper Motion RA: 1.6 mas/yr Proper Motion Dec: -64.4 mas/yr Epoch of Position: 2000	V=9.7	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9] Extended=NO					

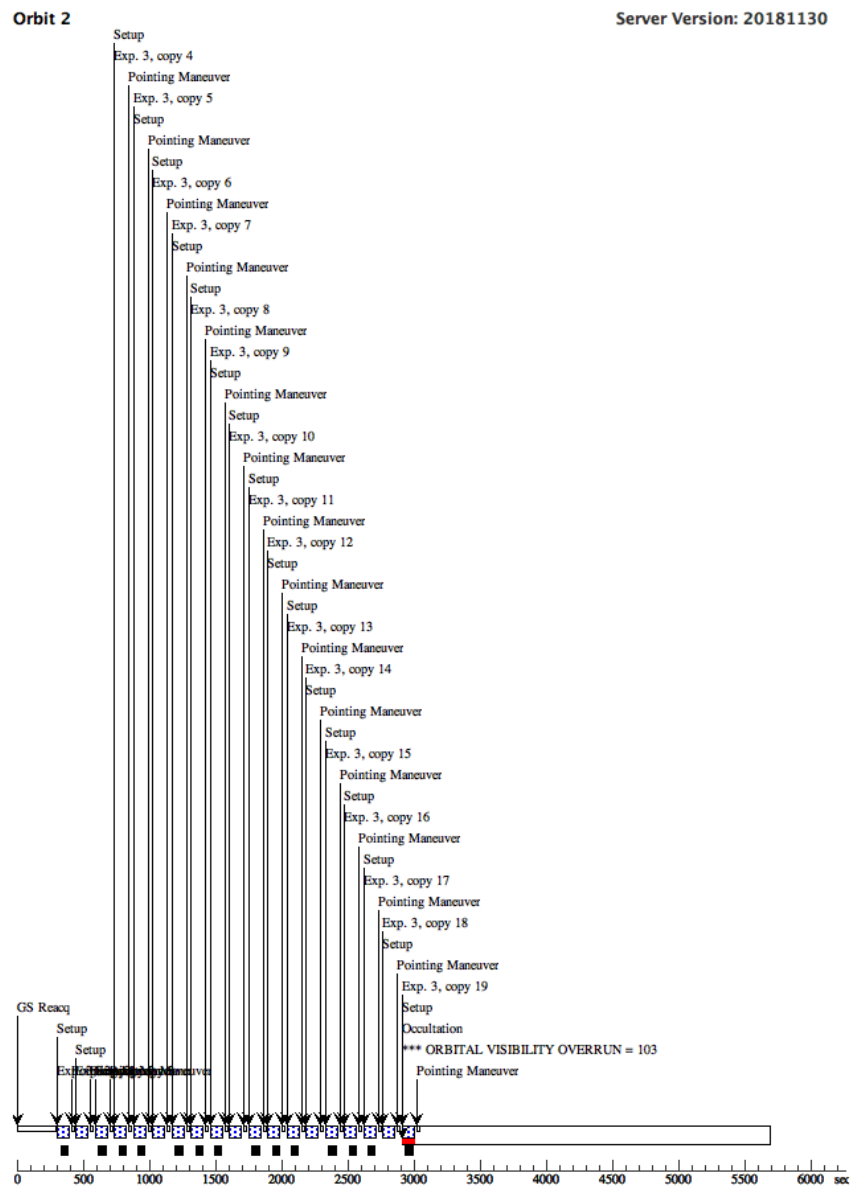
Proposal 14767 - WASP-74 WFC3 Transit (79) - The Panchromatic Comparative Exoplanetary Treasury Program

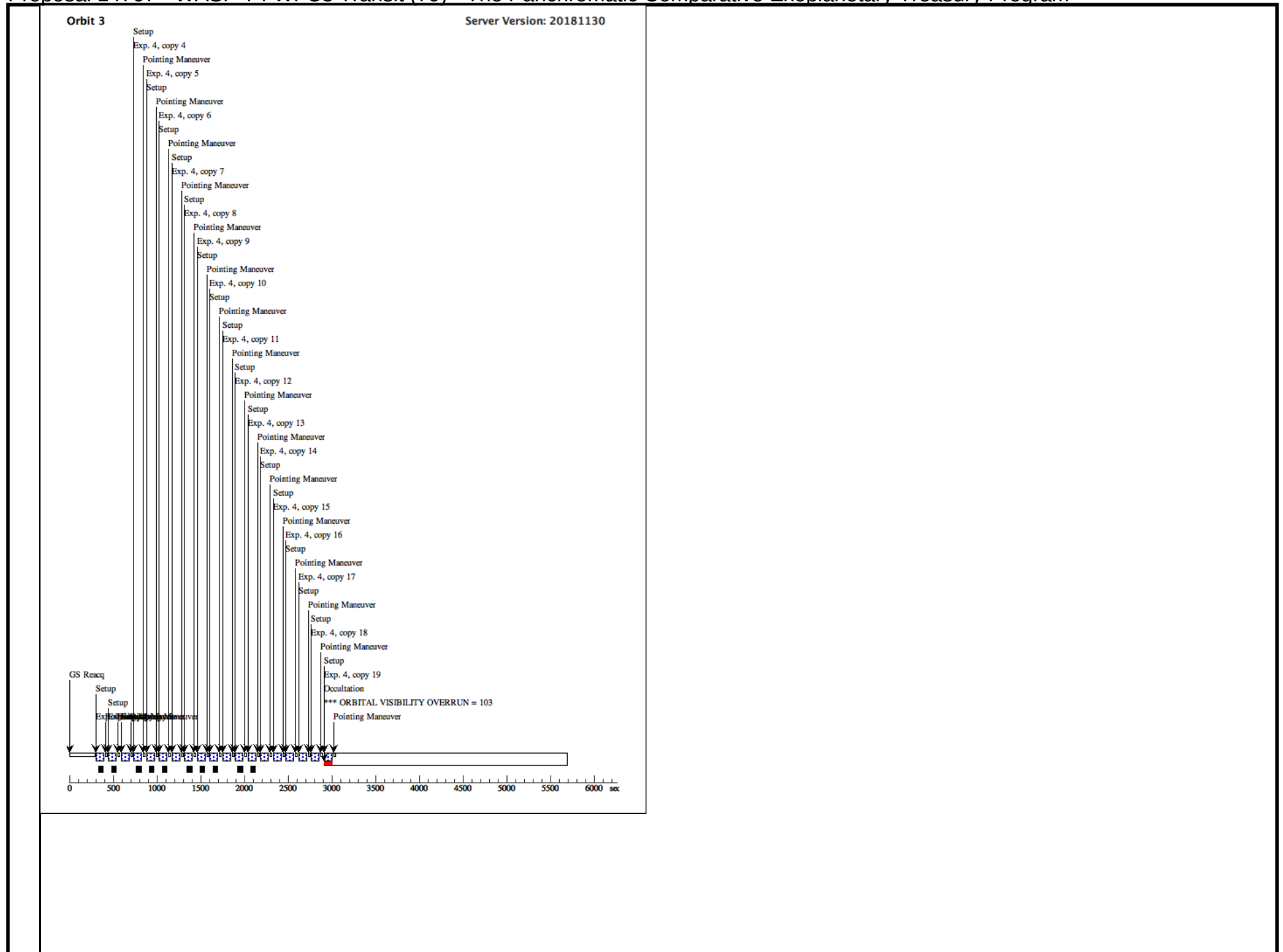
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(16) WASP-74	WFC3/IR, MULTIACCUM, IRSUB512	F139M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.9290 TO 0.9380	Sequence 1-2 Non-Int in WASP-74 WFC3 Transit (79)	4.265135 Secs (4.265 Secs) [==>]	[1]
	2		(16) WASP-74	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -10.0,-14; SPATIAL SCAN 0.25,90.0 Degrees,Forward	Sequence 1-2 Non-Int in WASP-74 WFC3 Transit (79)	69.61678 Secs X 18 (1253.102 Secs) [==>(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]
	3		(16) WASP-74	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -10.0,-14; SPATIAL SCAN 0.25,90.0 Degrees,Forward	Sequence 3-3 Non-Int in WASP-74 WFC3 Transit (79)	69.61678 Secs X 19 (1322.719 Secs) [==>(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)]	[2]

Proposal 14767 - WASP-74 WFC3 Transit (79) - The Panchromatic Comparative Exoplanetary Treasury Program

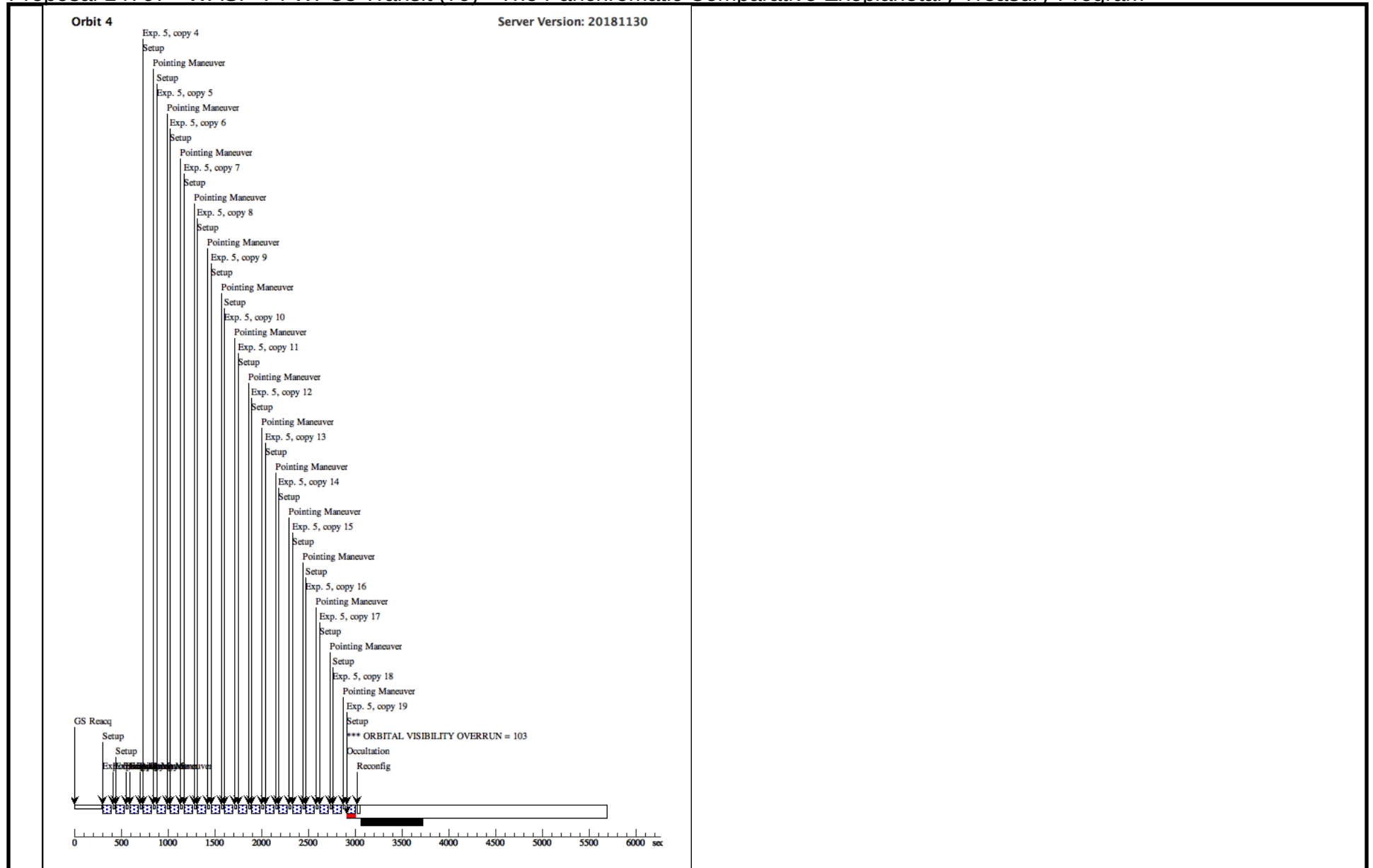
4	(16) WASP-74	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -10.0,-1 4; SPATIAL SCAN 0.2 5,90.0 Degrees,Forward	Sequence 4-4 Non-Int in WASP-74 WFC3 Transit (79)	69.61678 Secs X 19 (1322.719 Secs)	[3]
5	(16) WASP-74	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -10.0,-1 4; SPATIAL SCAN 0.2 5,90.0 Degrees,Forward	Sequence 5-5 Non-Int in WASP-74 WFC3 Transit (79)	69.61678 Secs X 19 (1322.719 Secs)	[4]







Proposal 14767 - WASP-74 WFC3 Transit (79) - The Panchromatic Comparative Exoplanetary Treasury Program



Proposal 14767 - WASP-74 WFC3 Eclipse (80) - The Panchromatic Comparative Exoplanetary Treasury Program

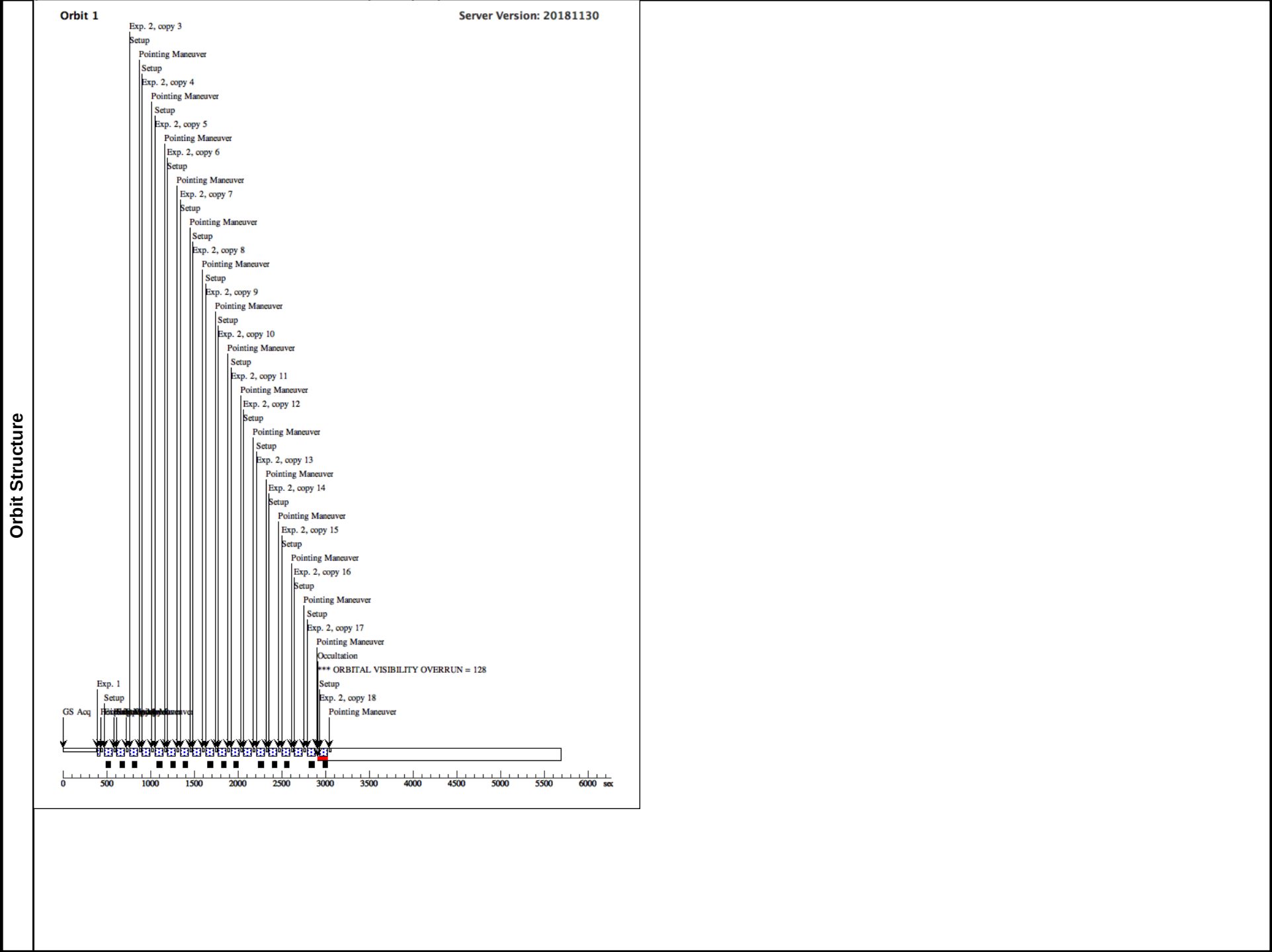
Visit	Proposal 14767, WASP-74 WFC3 Eclipse (80), completed					Wed Jun 05 15:15:08 GMT 2019
	Diagnostic Status: Warning					
Diagnostics	Scientific Instruments: WFC3/IR					
	Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; ORIENT 253D TO 359.999 D; ORIENT 73D TO 193 D; ORIENT 0D TO 13 D; Period 2.137750 D AND ZERO-PHASE HJD2456506.8918					
	Comments: It is essential that the four orbits be scheduled in a coninuous block.					
	(WASP-74 WFC3 Eclipse (80)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	(WASP-74 WFC3 Eclipse (80)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-74 WFC3 Eclipse (80)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-74 WFC3 Eclipse (80)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(WASP-74 WFC3 Eclipse (80)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	WASP-74	RA: 20 18 9.3241 (304.5388504d)	Proper Motion RA: 1.6 mas/yr	V=9.7	Reference Frame: ICRS
			Dec: -01 04 32.62 (-1.07573d)	Proper Motion Dec: -64.4 mas/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
Category=STAR						
Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]						
Extended=NO						

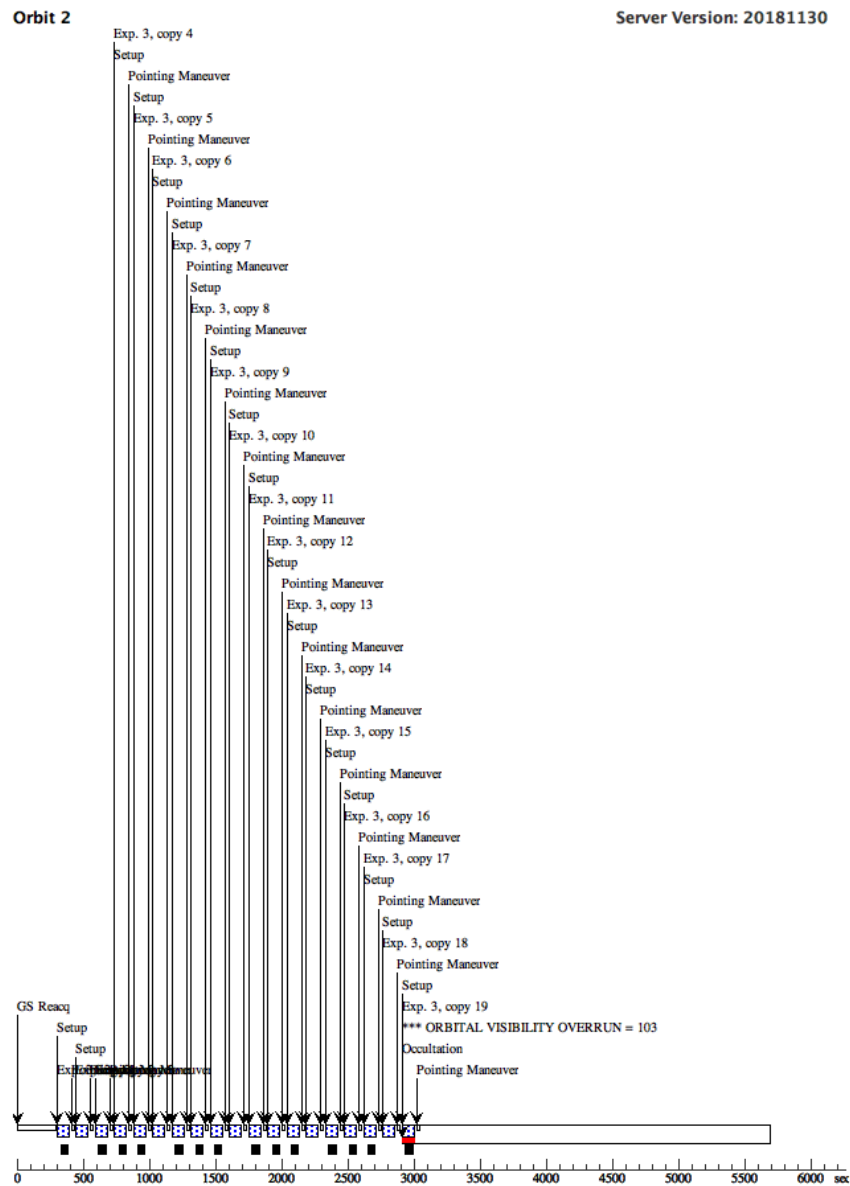
Proposal 14767 - WASP-74 WFC3 Eclipse (80) - The Panchromatic Comparative Exoplanetary Treasury Program

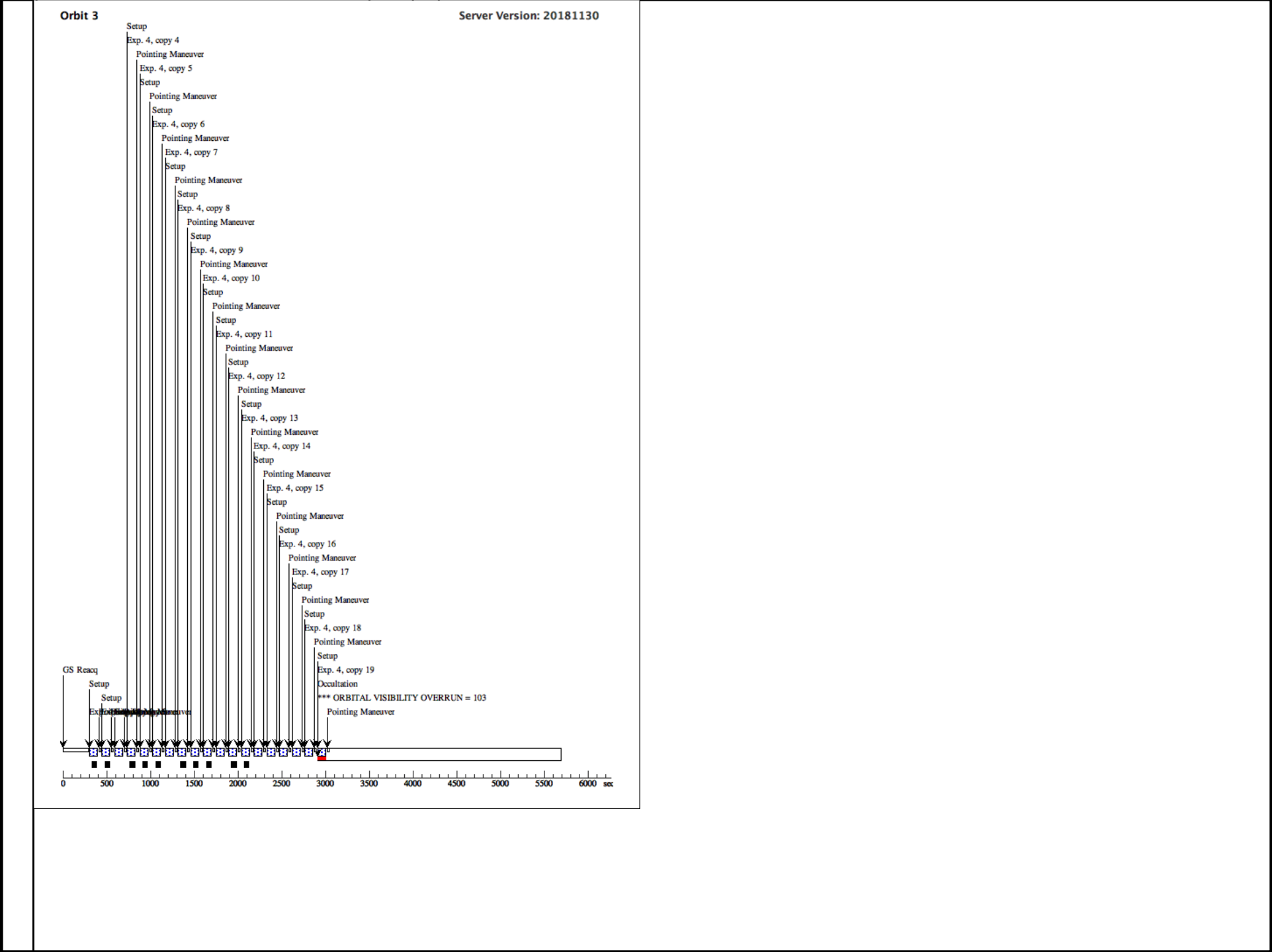
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(16) WASP-74	WFC3/IR, MULTIACCUM, GRISM512	F139M	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.429 TO 0.438	Sequence 1-2 Non-Int in WASP-74 WFC3 Eclipse (80)	4.265135 Secs (4.265 Secs) [==>]	[1]
	Comments: The Filter image aperture has been changed to the GRISM512 from IRSUB512 to match the correct procedures as described in the handbook and obtain the correct wavelength calibration position.									
	2		(16) WASP-74	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -10.0,-14; SPATIAL SCAN 0.25,90.0 Degrees,Forward	Sequence 1-2 Non-Int in WASP-74 WFC3 Eclipse (80)	69.61678 Secs X 18 (1253.102 Secs) [==>(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]
	3		(16) WASP-74	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -10.0,-14; SPATIAL SCAN 0.25,90.0 Degrees,Forward	Sequence 3-3 Non-Int in WASP-74 WFC3 Eclipse (80)	69.61678 Secs X 19 (1322.719 Secs) [==>(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)]	[2]

Proposal 14767 - WASP-74 WFC3 Eclipse (80) - The Panchromatic Comparative Exoplanetary Treasury Program

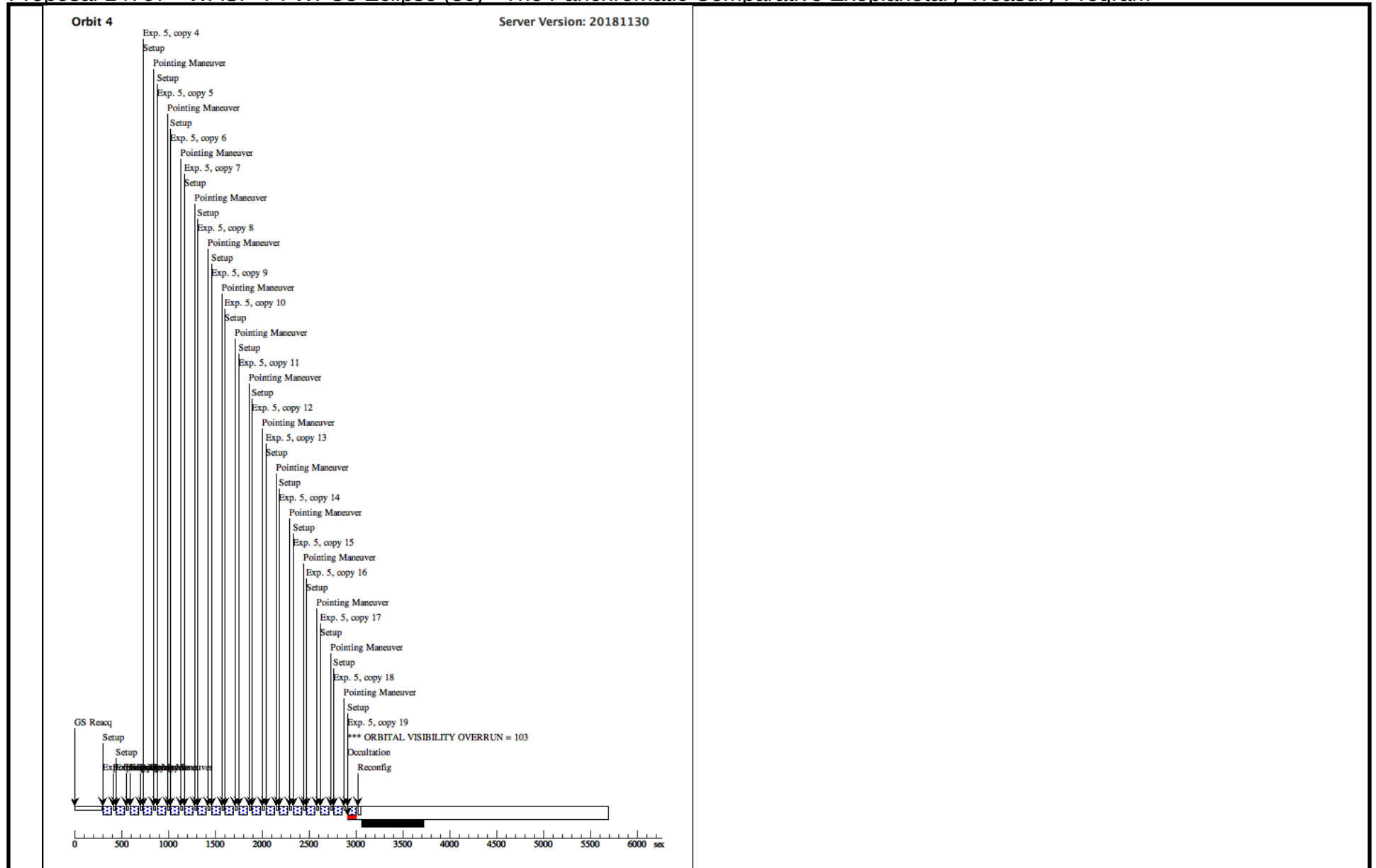
4	(16) WASP-74	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -10.0,-1 4; SPATIAL SCAN 0.2 5,90.0 Degrees,Forward	Sequence 4-4 Non-Int in WASP-74 WFC3 Eclipse (80)	69.61678 Secs X 19 (1322.719 Secs)	[3]
							[==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(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)]	
5	(16) WASP-74	WFC3/IR, MULTIACCUM, GRISM512	G141	SAMP-SEQ=SPARS 25; NSAMP=4	POS TARG -10.0,-1 4; SPATIAL SCAN 0.2 5,90.0 Degrees,Forward	Sequence 5-5 Non-Int in WASP-74 WFC3 Eclipse (80)	69.61678 Secs X 19 (1322.719 Secs)	[4]
							[==>(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)]	







Proposal 14767 - WASP-74 WFC3 Eclipse (80) - The Panchromatic Comparative Exoplanetary Treasury Program



Proposal 14767 - WASP-76 G750L (95) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-76 G750L (95), completed	Wed Jun 05 15:15:08 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 1.809886 D AND ZERO-PHASE HJD2456107.85507	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - WASP-76 G750L (95) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-76 G750L (95) - The Panchromatic Comparative Exoplanetary Treasury Program

	(WASP-76 G750L (95)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-76 G750L (95)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-76 G750L (95)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-76 G750L (95)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
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	(WASP-76 G750L (95)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
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	(WASP-76 G750L (95)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-76 G750L (95)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-76 G750L (95)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-76 G750L (95)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-76 G750L (95)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-76 G750L (95)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-76 G750L (95)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-76 G750L (95)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-76 G750L (95)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(19)	WASP-76	RA: 01 46 31.8590 (26.6327458d)	Proper Motion RA: 47.3 mas/yr	V=9.5
			Dec: +02 42 2.07 (2.70058d)	Proper Motion Dec: -38.9 mas/yr	Reference Frame: ICRS
			Equinox: J2000	Epoch of Position: 2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.				
	Category=STAR				
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]				
	Extended=NO				

Proposal 14767 - WASP-76 G750L (95) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5317)	(19) WASP-76	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.894 TO 0.903	Sequence 1-3 Non-Int in WASP-76 G750L (95)	0.1 Secs (0.1 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.29 seconds. Minimum exposure time (0.1 seconds) used here, target has Vmag=9.52, which is within limiting magintude of 8.4 with F28X50LP (Table 8.3 STIS handbook).									
	2	Wasp-76 G7 50L Orbit 1	(19) WASP-76	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-76 G750L (95)	1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
Exposures	3	Wasp-76 G7 50L Orbit 1 (STIS.sp.82 1973)	(19) WASP-76	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 1-3 Non-Int in WASP-76 G750L (95)	140 Secs X 13 (1820 Secs) [==>(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)]	[1]
	Comments: Exposure will saturate at the brightest pixel by 1.3x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.3x oversaturation at the brightest pixel. Photon-limited precisions of 300 ppm per resolution element, per HST orbit are expected.									
	4	Wasp-76 G7 50L Orbit 2	(19) WASP-76	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO		Sequence 4-5 Non-Int in WASP-76 G750L (95)	1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-76 G750L (95) - The Panchromatic Comparative Exoplanetary Treasury Program

5	Wasp-76 G7 (19) WASP-76 50L Orbit 2 (STIS.sp.82 1973)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 4-5 Non-Int in WASP-76 G750 L (95)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[2]
Comments: Exposure will saturate at the brightest pixel by 1.3x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.3x oversaturation at the brightest pixel. Photon-limited precisions of 300 ppm per resolution element, per HST orbit are expected.							
6	Wasp-76 G7 (19) WASP-76 50L Orbit 3	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-76 G750 L (95)	1 Secs (1 Secs) [==>]	[3]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - WASP-76 G750L (95) - The Panchromatic Comparative Exoplanetary Treasury Program

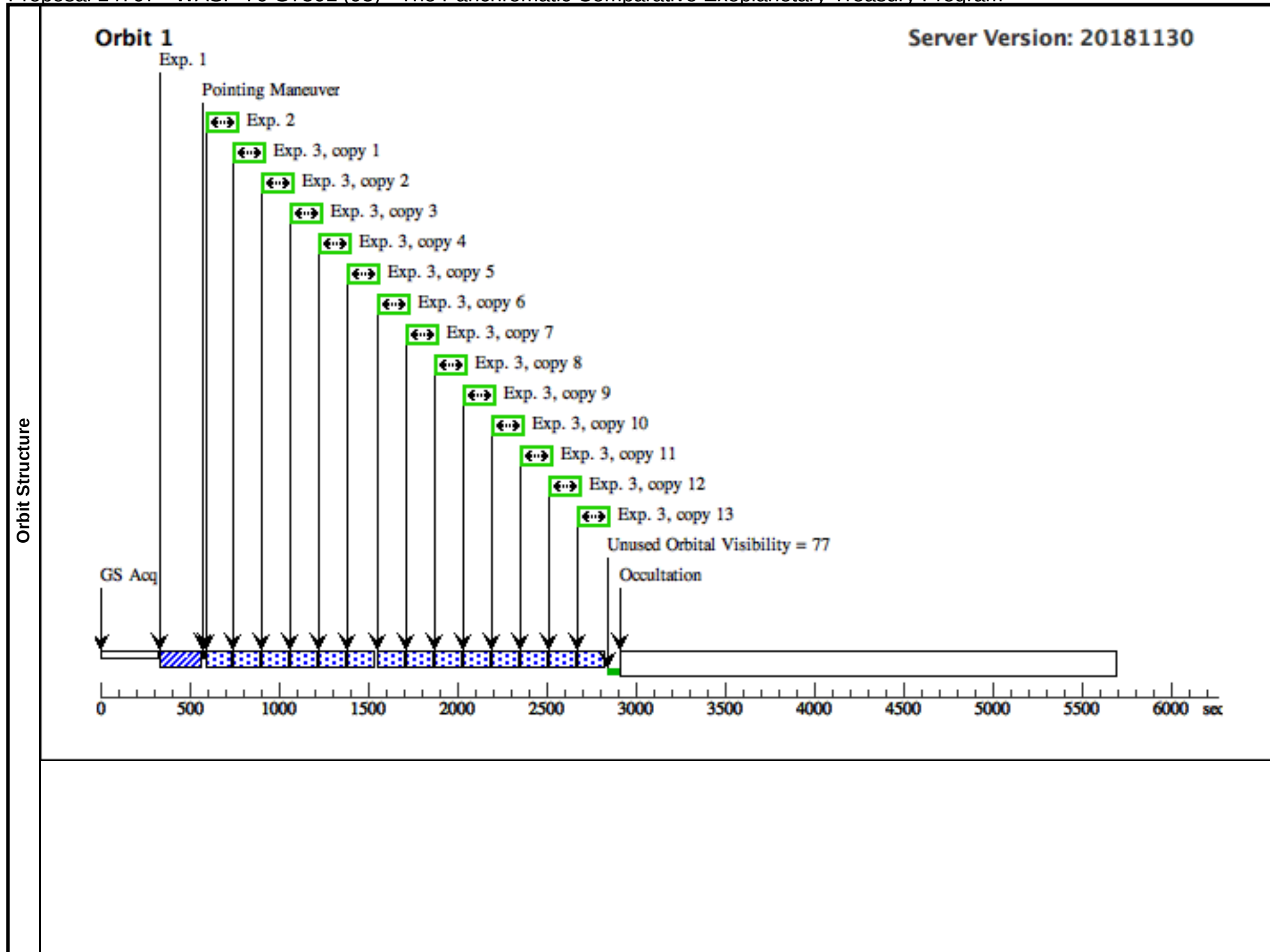
7	Wasp-76 G7 (19) WASP-76 50L Orbit 3 (STIS.sp.82 1973)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 6-7 Non-Int in WASP-76 G750 L (95)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[3]
Comments: Exposure will saturate at the brightest pixel by 1.3x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.3x oversaturation at the brightest pixel. Photon-limited precisions of 300 ppm per resolution element, per HST orbit are expected.							
8	Wasp-76 G7 (19) WASP-76 50L Orbit 4	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-76 G750 L (95)	1 Secs (1 Secs) [==>]	[4]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - WASP-76 G750L (95) - The Panchromatic Comparative Exoplanetary Treasury Program

9	Wasp-76 G7 (19) WASP-76 50L Orbit 4 (STIS.sp.82 1973)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 8-9 Non-Int in WASP-76 G750 L (95)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[4]
Comments: Exposure will saturate at the brightest pixel by 1.3x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.3x oversaturation at the brightest pixel. Photon-limited precisions of 300 ppm per resolution element, per HST orbit are expected.							
10	Wasp-76 G7 (19) WASP-76 50L Orbit 5	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non-Int in WASP-76 G7 50L (95)	1 Secs (1 Secs) [==>]	[5]
Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.							

Proposal 14767 - WASP-76 G750L (95) - The Panchromatic Comparative Exoplanetary Treasury Program

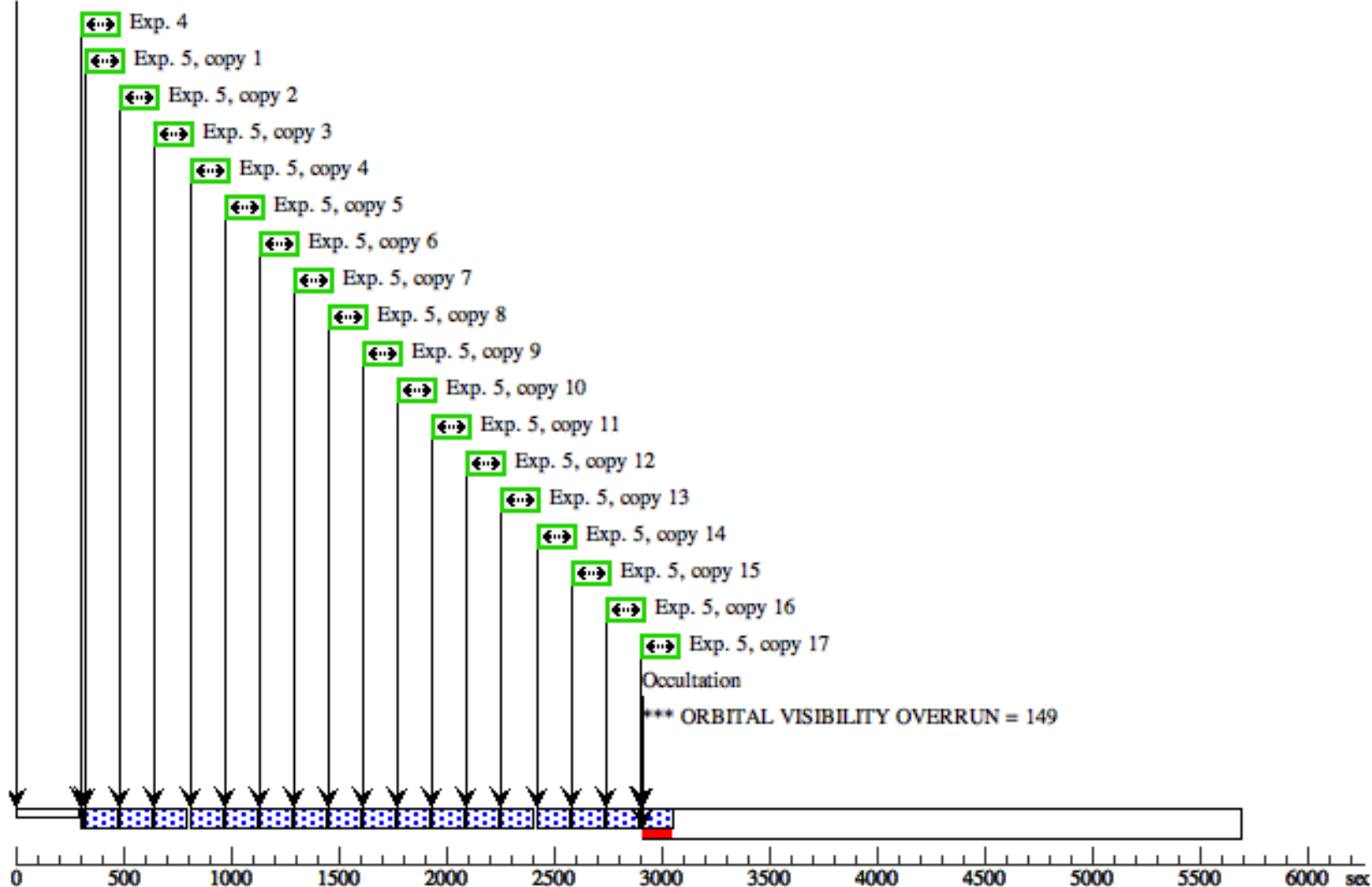
11	Wasp-76 G7 (19) WASP-76 50L Orbit 5 (STIS.sp.82 1973)	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	Sequence 10-14 Non -Int in WASP-76 G7 50L (95)	140 Secs X 17 (2380 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)] [==>(Copy 13)] [==>(Copy 14)] [==>(Copy 15)] [==>(Copy 16)] [==>(Copy 17)]	[5]
Comments: Exposure will saturate at the brightest pixel by 1.3x. STIS is perfectly conserving past saturation with use of GAIN=4, see e.g. Bohlin and Gilliland 2004, AJ, 127, 3508 describing observations of the 0th mag star Vega. We adopt an exposure time of 140 seconds, with a sub-array size of 128 -- sufficiently large to enable tracking sky variations. This will lead to roughly 1.3x oversaturation at the brightest pixel. Photon-limited precisions of 300 ppm per resolution element, per HST orbit are expected.							
12	WAVE WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		Sequence 10-14 Non -Int in WASP-76 G7 50L (95)	[==>]	[5]
Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle							
13	Flat CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		Sequence 10-14 Non -Int in WASP-76 G7 50L (95)	[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	Sequence 10-14 Non -Int in WASP-76 G7 50L (95)	240 Secs X 4 (960 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[5]
Comments: Expected peak count level = 50,000 e-							



Orbit 2

Server Version: 20181130

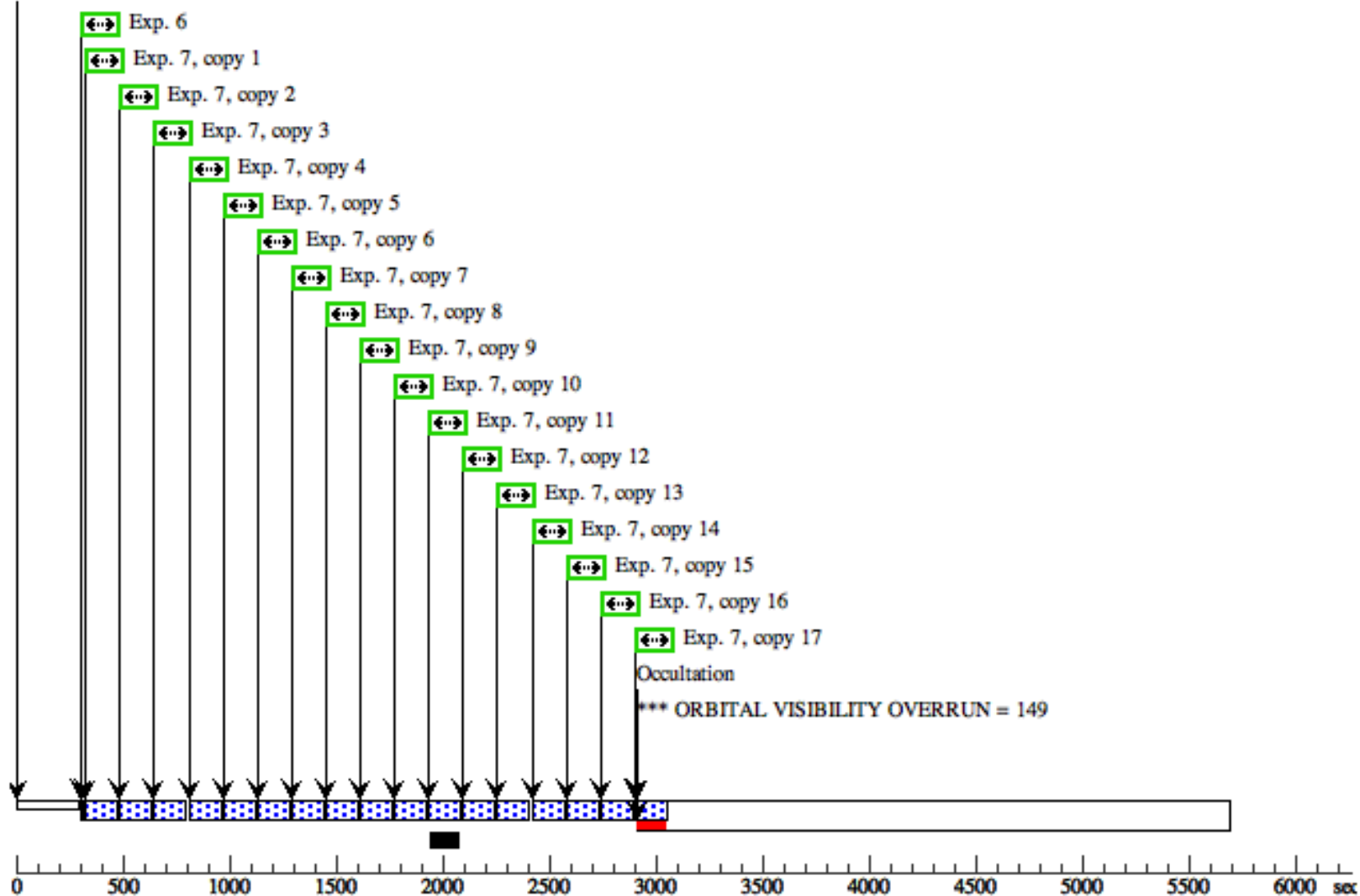
GS Reacq



Orbit 3

Server Version: 20181130

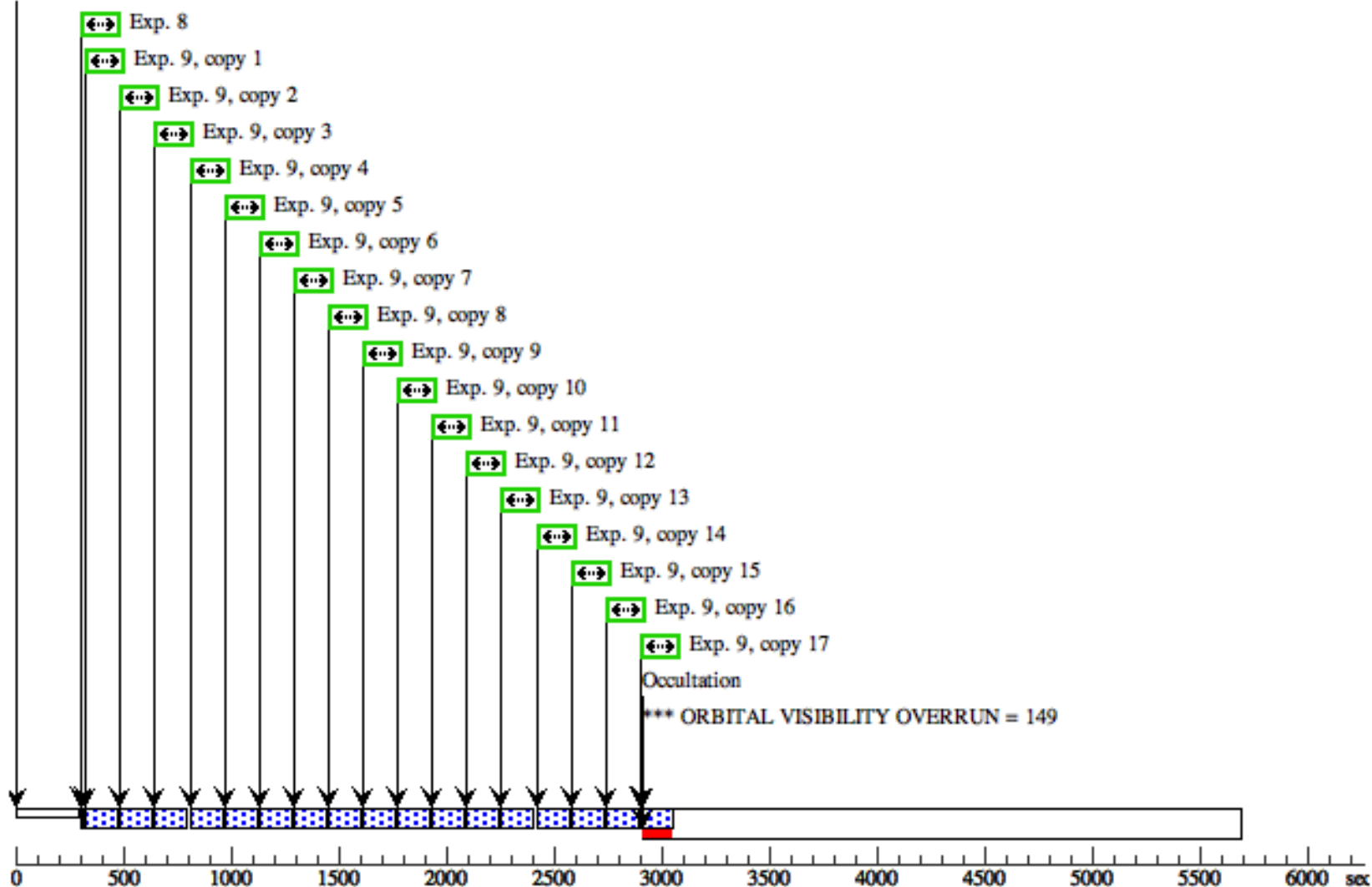
GS Reacq

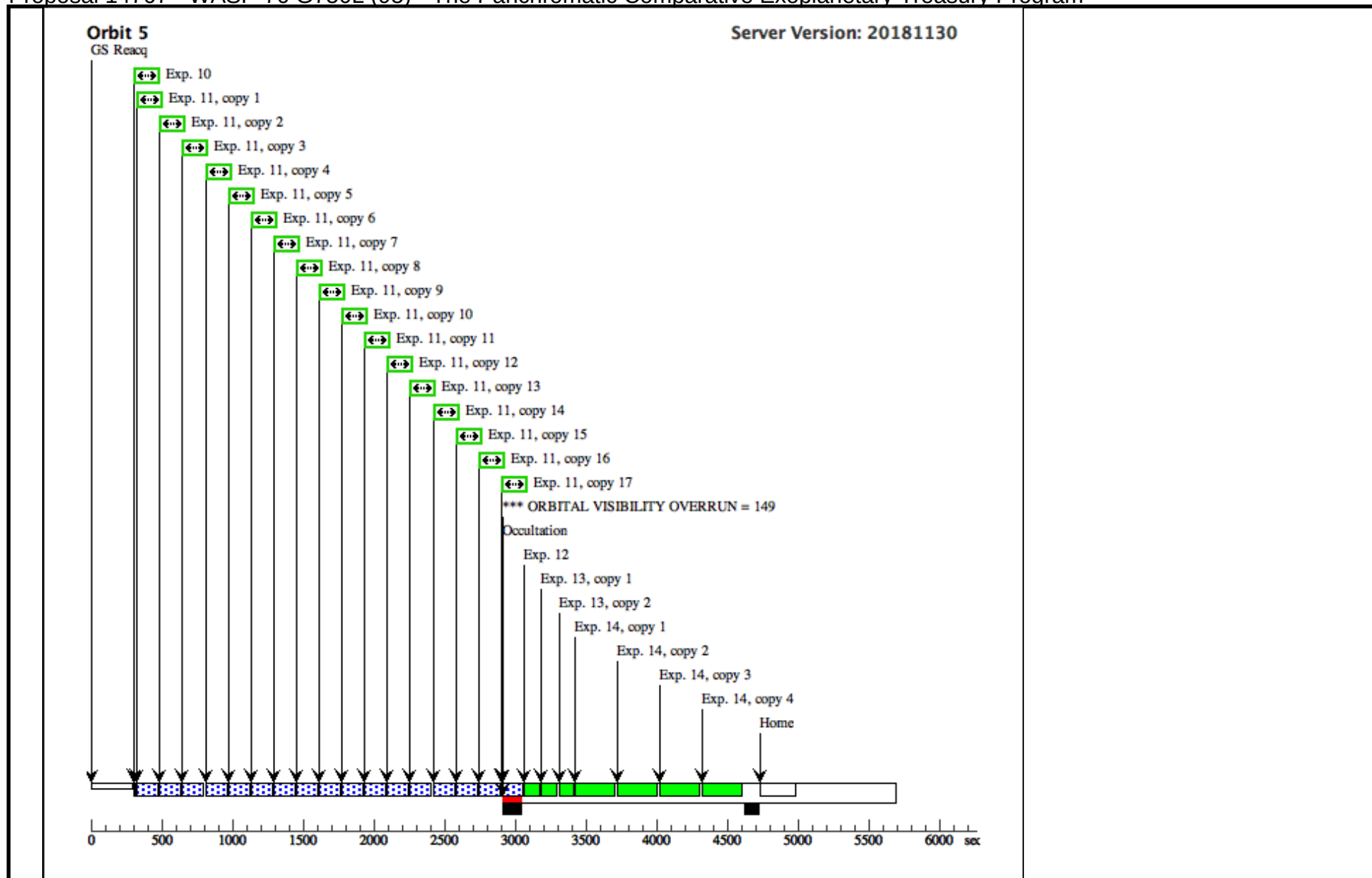


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-76 WFC3 Eclipse (96) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-76 WFC3 Eclipse (96), completed Wed Jun 05 15:15:08 GMT 2019					
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: PCS MODE FINE; GUID TOL 0.05"; GYRO MODE 3GOBAD; SCHED 100%; Period 1.8098887 D AND ZERO-PHASE HJD2456107.85507 <i>Comments: It is essential that the five orbits be scheduled in a continuous block.</i>					
Diagnostics	(WASP-76 WFC3 Eclipse (96)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-76 WFC3 Eclipse (96)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-76 WFC3 Eclipse (96)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-76 WFC3 Eclipse (96)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(19)	WASP-76	RA: 01 46 31.8590 (26.6327458d) Dec: +02 42 2.07 (2.70058d) Equinox: J2000	Proper Motion RA: 47.3 mas/yr Proper Motion Dec: -38.9 mas/yr Epoch of Position: 2000	V=9.5	Reference Frame: ICRS
Fixed Targets	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9] Extended=NO					

Proposal 14767 - WASP-76 WFC3 Eclipse (96) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(19) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	F139M	SAMP-SEQ=SPARS 10; NSAMP=5	POS TARG 0.0,0.0; PHASE 0.3930 TO 0.4030	Sequence 1-3 Non-Int in WASP-76 WFC3 Eclipse (96)	29.663763 Secs (29.664 Secs) [==>]	[1]
	Comments: The Filter image aperture has been changed to the GRISM256 from IRSUB256 to match the correct procedures as described in the handbook and obtain the correct wavelength calibration position.									
	2		(19) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.22,90.0 Degrees,Rounded trip	Sequence 1-3 Non-Int in WASP-76 WFC3 Eclipse (96)	103.128633 Secs X 8 (1650.058 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)]	[1]
	3		(19) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.22,90.0 Degrees,Forward	Sequence 1-3 Non-Int in WASP-76 WFC3 Eclipse (96)	103.128633 Secs (103.129 Secs) [==>]	[1]

Proposal 14767 - WASP-76 WFC3 Eclipse (96) - The Panchromatic Comparative Exoplanetary Treasury Program

4	(19) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Round trip	Sequence 4-5 Non-Int in WASP-76 WFC3 Eclipse (96)	103.128633 Secs X 9 (1856.315 Secs)	
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	[2]
5	(19) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Forward	Sequence 4-5 Non-Int in WASP-76 WFC3 Eclipse (96)	103.128633 Secs (103.129 Secs)	
							[==>]	[2]
6	(19) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Round trip	Sequence 6-7 Non-Int in WASP-76 WFC3 Eclipse (96)	103.128633 Secs X 9 (1856.315 Secs)	
							[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	[3]

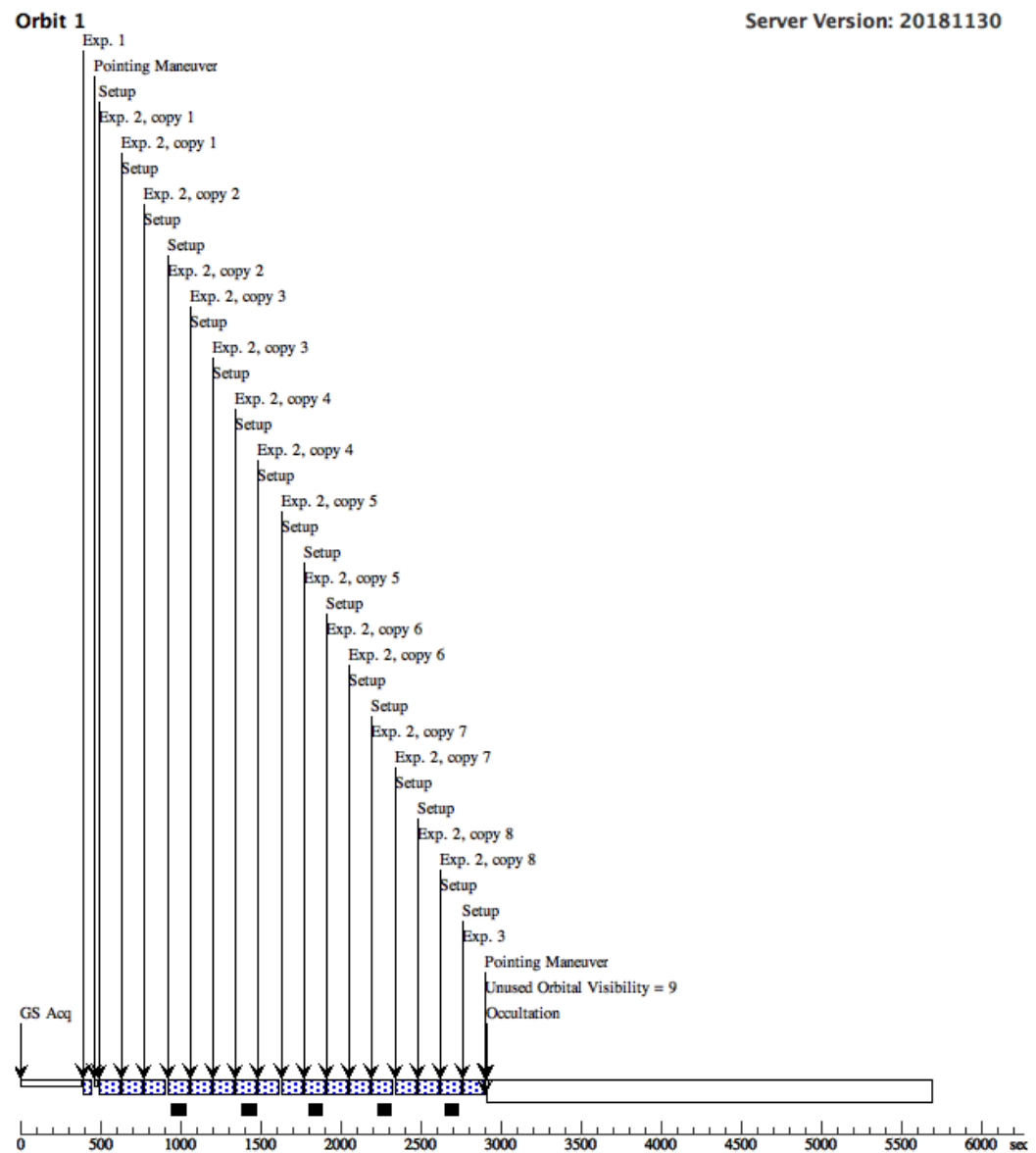
Proposal 14767 - WASP-76 WFC3 Eclipse (96) - The Panchromatic Comparative Exoplanetary Treasury Program

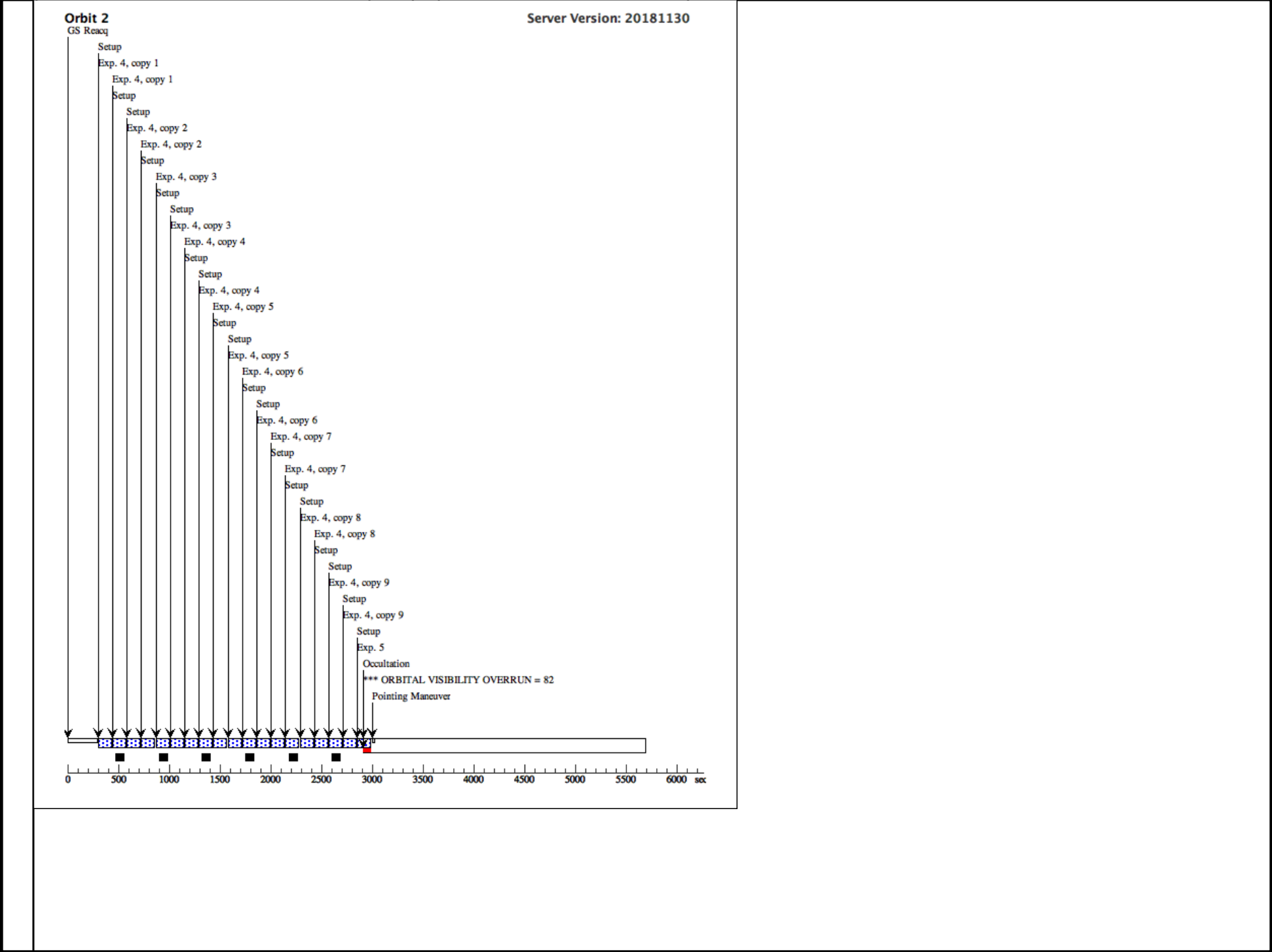
7	(19) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Forward	Sequence 6-7 Non-Int in WASP-76 WFC3 Eclipse (96)	103.128633 Secs (103.129 Secs) [==>]	[3]
8	(19) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Round trip	Sequence 8-9 Non-Int in WASP-76 WFC3 Eclipse (96)	103.128633 Secs X 9 (1856.315 Secs) [==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	[4]
9	(19) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Forward	Sequence 8-9 Non-Int in WASP-76 WFC3 Eclipse (96)	103.128633 Secs (103.129 Secs) [==>]	[4]

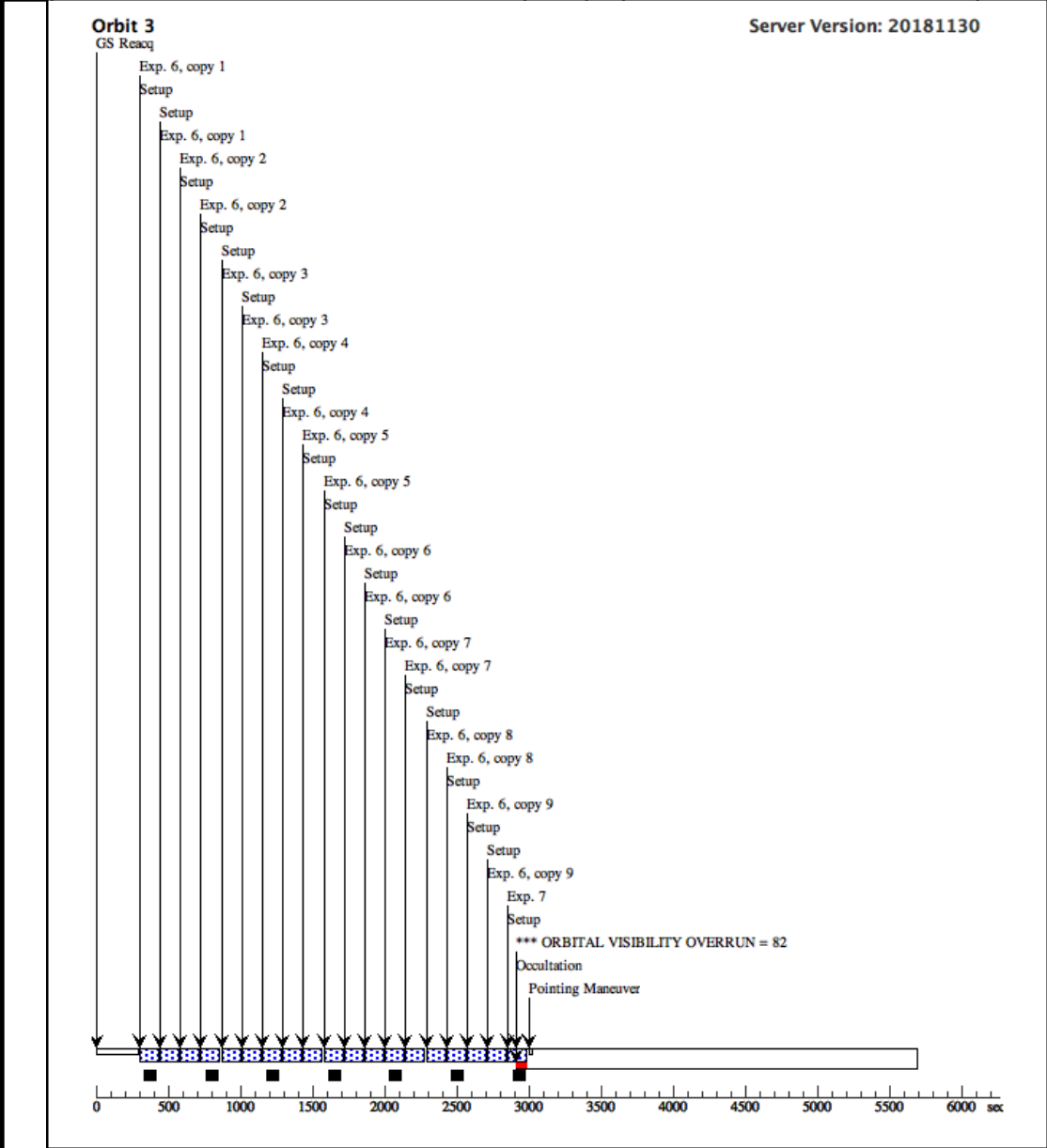
Proposal 14767 - WASP-76 WFC3 Eclipse (96) - The Panchromatic Comparative Exoplanetary Treasury Program

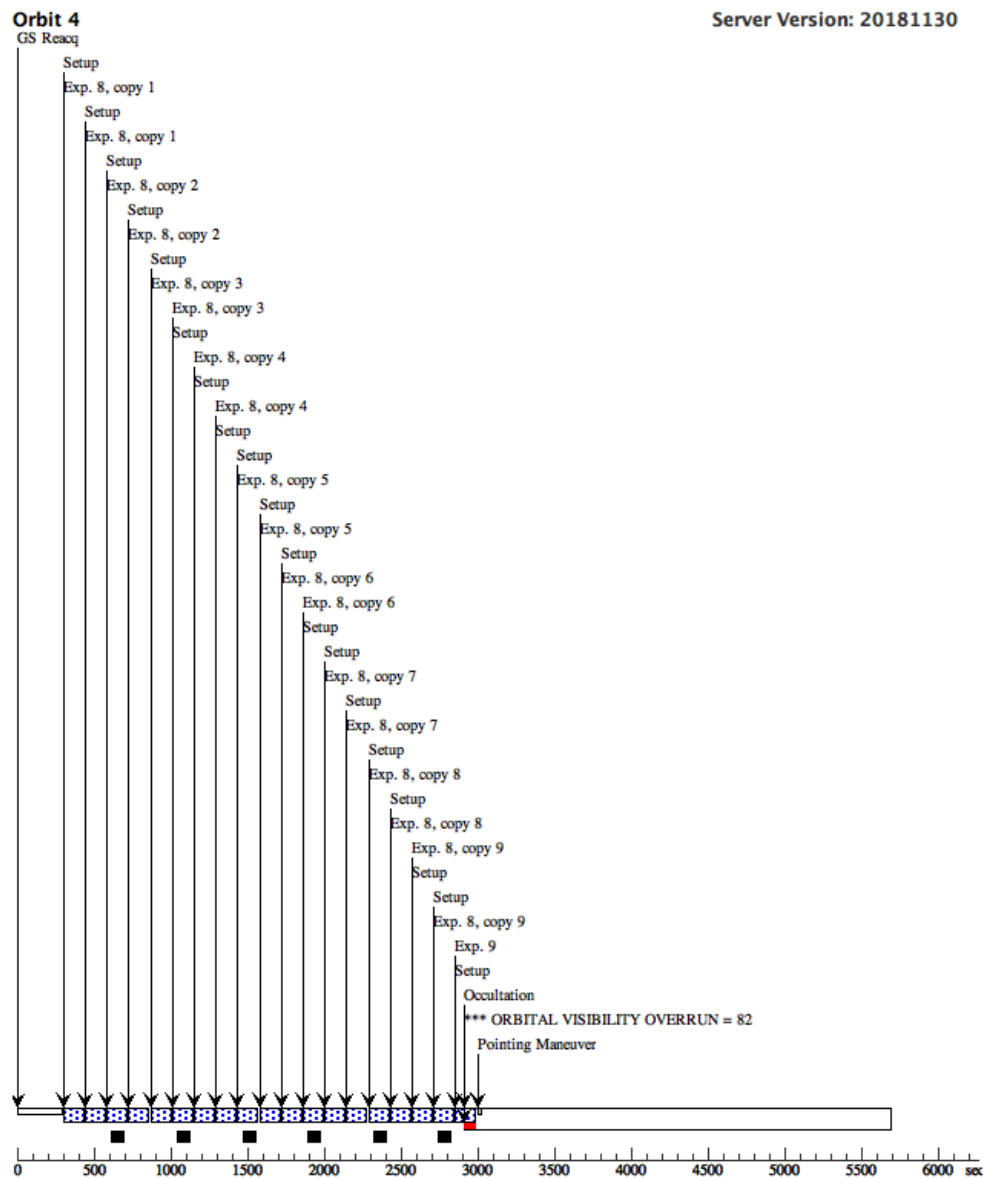
	10	(19) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Roun d trip	Sequence 10-11 Non -Int in WASP-76 WF C3 Eclipse (96)	103.128633 Secs X 9 (1856.315 Sec s)	
								[==>(Copy 1, Forward)] [==>(Copy 1, Reverse)] [==>(Copy 2, Forward)] [==>(Copy 2, Reverse)] [==>(Copy 3, Forward)] [==>(Copy 3, Reverse)] [==>(Copy 4, Forward)] [==>(Copy 4, Reverse)] [==>(Copy 5, Forward)] [==>(Copy 5, Reverse)] [==>(Copy 6, Forward)] [==>(Copy 6, Reverse)] [==>(Copy 7, Forward)] [==>(Copy 7, Reverse)] [==>(Copy 8, Forward)] [==>(Copy 8, Reverse)] [==>(Copy 9, Forward)] [==>(Copy 9, Reverse)]	[5]
	11	(19) WASP-76	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0.0,-14; SPATIAL SCAN 0.2 2,90.0 Degrees,Forw ard	Sequence 10-11 Non -Int in WASP-76 WF C3 Eclipse (96)	103.128633 Secs (103.129 Secs)	
								[==>]	[5]

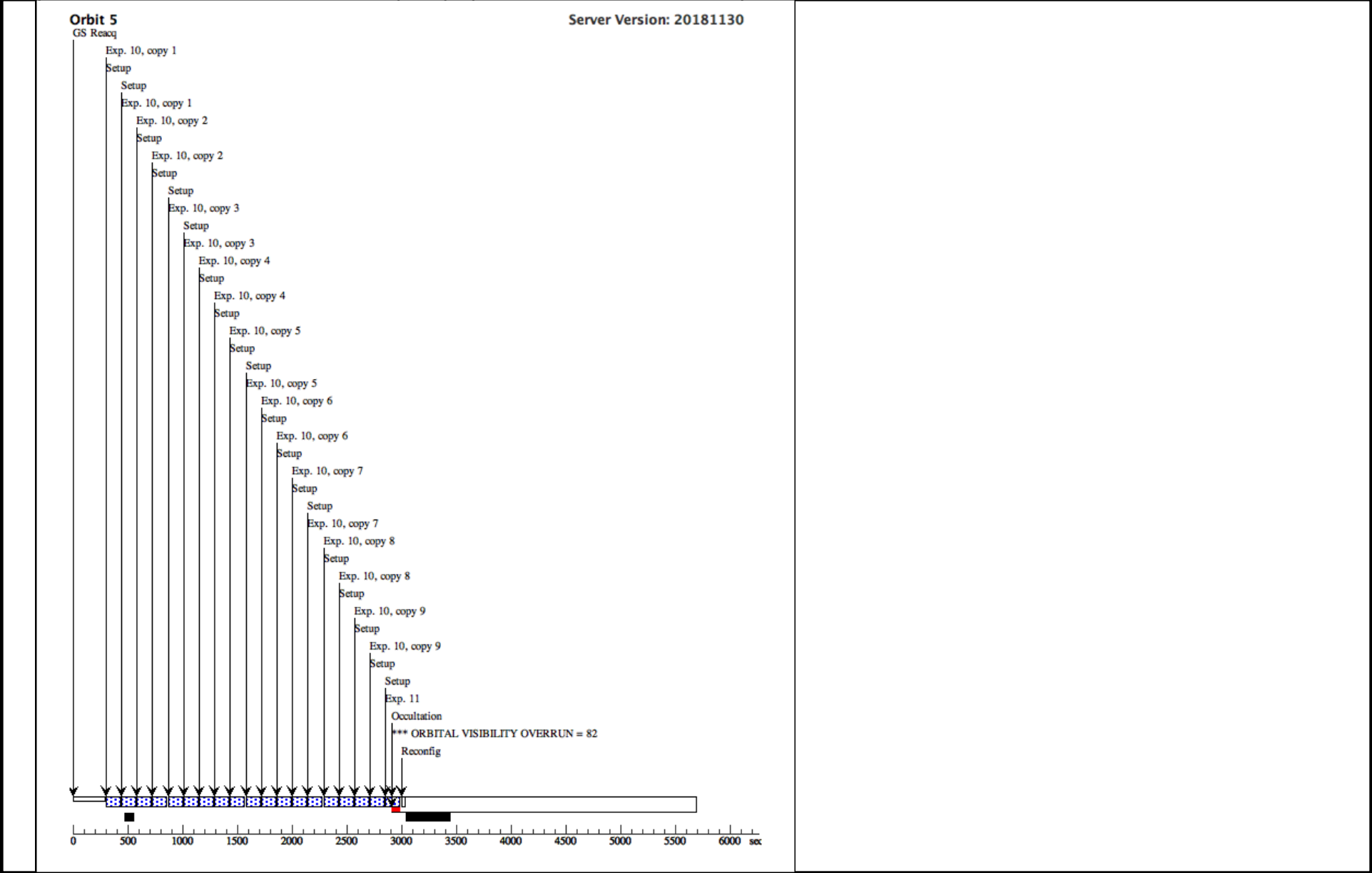
Orbit Structure









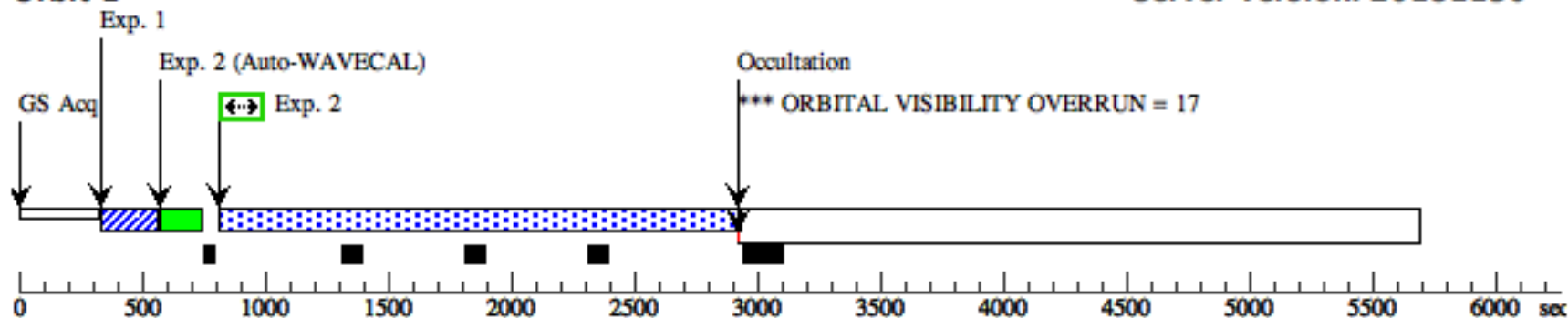


Proposal 14767 - WASP-121 E230M Visit #1 (97) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-121 E230M Visit #1 (97), completed										Wed Jun 05 15:15:08 GMT 2019	
	Diagnostic Status: Warning											
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD											
	Special Requirements: SCHED 100%; Period 1.2749255 D AND ZERO-PHASE HJD2456635.70832											
	Comments: It is essential that the five orbits be scheduled in a coninuous block.											
Diagnostics	(WASP-121 E230M Visit #1 (97)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(WASP-121 E230M Visit #1 (97)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(WASP-121 E230M Visit #1 (97)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(WASP-121 E230M Visit #1 (97)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(WASP-121 E230M Visit #1 (97)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(20)	WASP-121	RA: 07 10 24.0580 (107.6002417d)			Proper Motion RA: -3.4 mas/yr		V=10.4		Reference Frame: ICRS		
		Alt Name1: TYC7630-352-1	Dec: -39 05 50.55 (-39.09737d)			Proper Motion Dec: 28.7 mas/yr		H=9.625				
		Alt Name2: 2MASSJ07102406-3905506	Equinox: J2000			Epoch of Position: 2000						
	Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config.Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ, phase constrained (STIS.im.82 5320)	(20) WASP-121	STIS/CCD, ACQ, F28X50LP		MIRROR	GAIN=4	PHASE 0.853 TO 0.859	Sequence 1-2 Non-Int in WASP-121 E230M Visit #1 (97)	0.2 Secs (0.2 Secs) [==>]		[1]
	Comments: Saturation is calculated at 0.61 seconds. Exposure time 0.2 seconds used here.											
	2	WASP-121 E230M Orbit 1 (STIS.sp.82 6191)	(20) WASP-121	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2		E230M 2707 A	BUFFER-TIME=500		Sequence 1-2 Non-Int in WASP-121 E230M Visit #1 (97)	2100 Secs (2100 Secs) [==>]		[1]
	3	WASP-121 E230M Orbit 2 (STIS.sp.82 6191)	(20) WASP-121	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2		E230M 2707 A	BUFFER-TIME=500			2700 Secs (2740 Secs) [==>2740.0 Secs]		[2]
	4	WASP-121 E230M Orbit 3 (STIS.sp.82 6191)	(20) WASP-121	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2		E230M 2707 A	BUFFER-TIME=500			2700 Secs (2740 Secs) [==>2740.0 Secs]		[3]
	5	WASP-121 E230M Orbit 4 (STIS.sp.82 6191)	(20) WASP-121	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2		E230M 2707 A	BUFFER-TIME=500			2700 Secs (2740 Secs) [==>2740.0 Secs]		[4]
	6	WASP-121 E230M Orbit 5 (STIS.sp.82 6191)	(20) WASP-121	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2		E230M 2707 A	BUFFER-TIME=500			2700 Secs (2740 Secs) [==>2740.0 Secs]		[5]

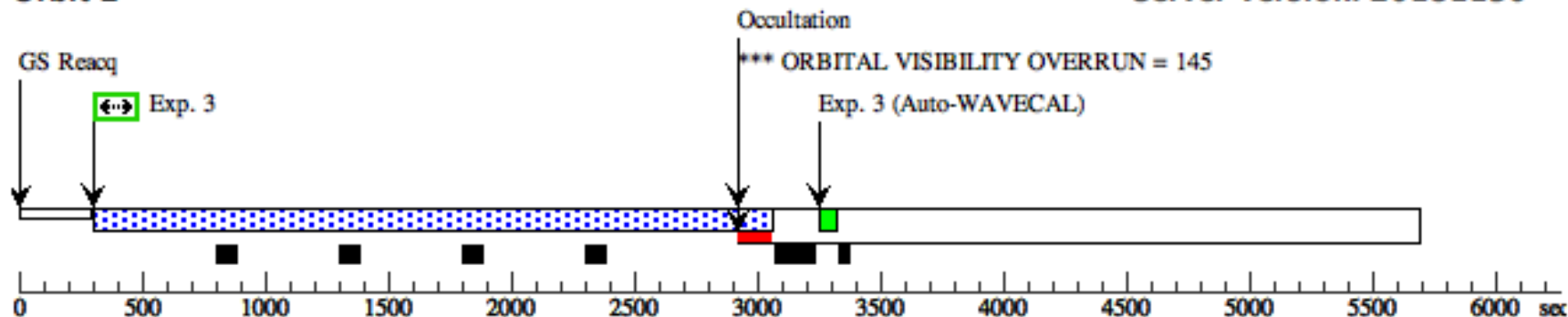
Orbit 1

Server Version: 20181130



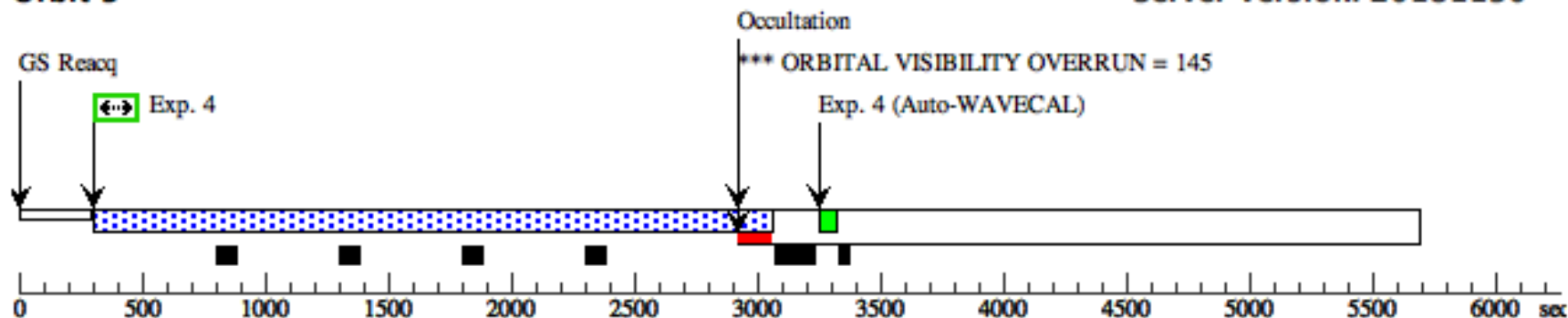
Orbit 2

Server Version: 20181130



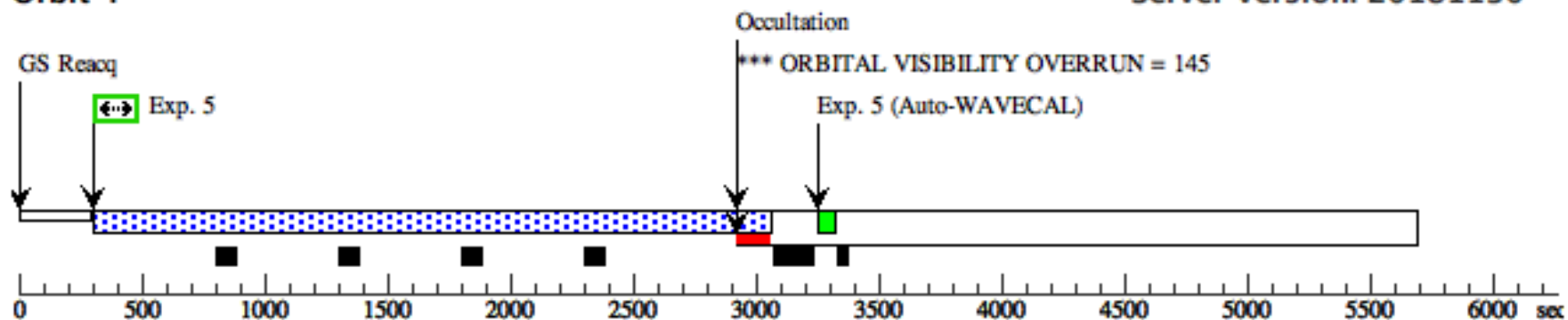
Orbit 3

Server Version: 20181130



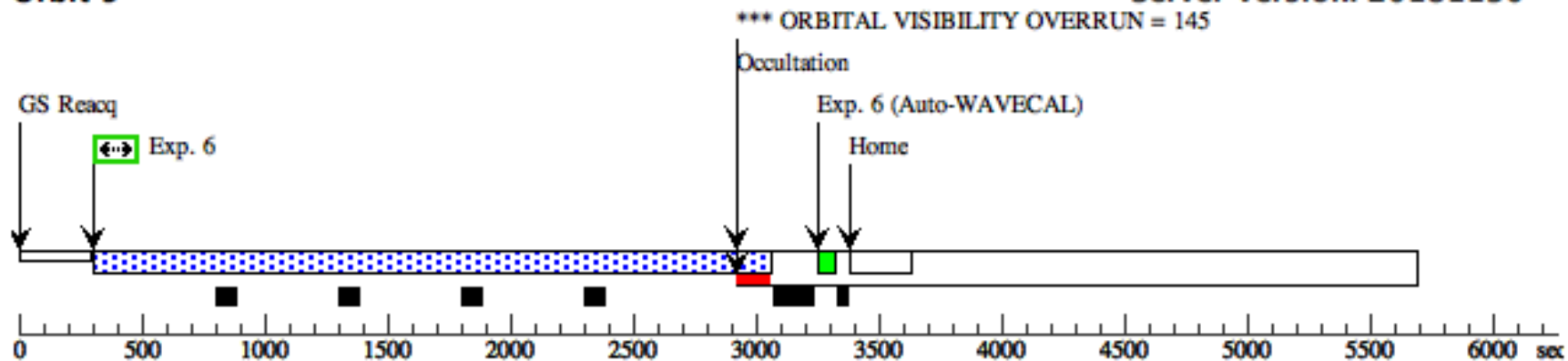
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130

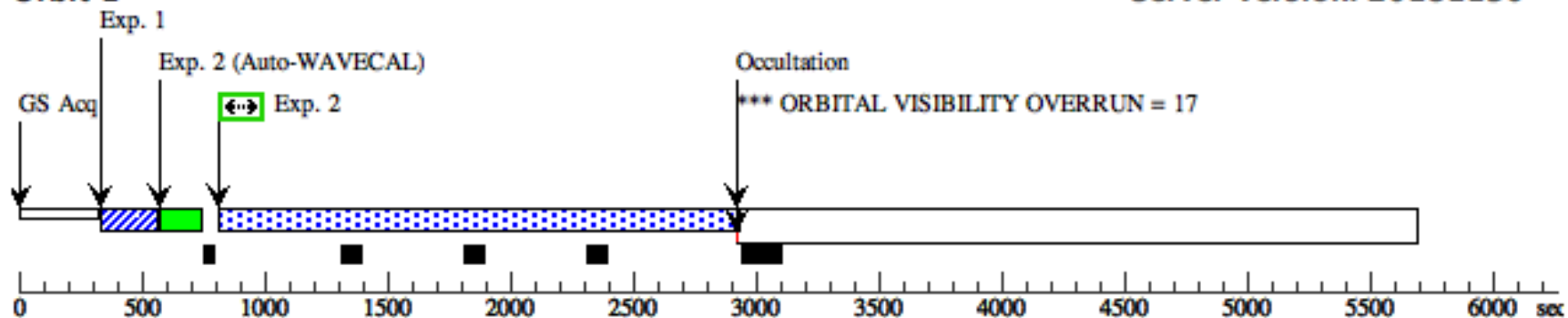


Proposal 14767 - WASP-121 E230M Visit #2 (98) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-121 E230M Visit #2 (98), completed						Wed Jun 05 15:15:08 GMT 2019			
	Diagnostic Status: Warning									
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD									
	Special Requirements: SCHED 100%; Period 1.2749255 D AND ZERO-PHASE HJD2456635.70832									
	Comments: It is essential that the five orbits be scheduled in a coninuous block.									
Diagnostics	(WASP-121 E230M Visit #2 (98)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(WASP-121 E230M Visit #2 (98)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(WASP-121 E230M Visit #2 (98)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(WASP-121 E230M Visit #2 (98)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(WASP-121 E230M Visit #2 (98)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(20)	WASP-121	RA: 07 10 24.0580 (107.6002417d)	Proper Motion RA: -3.4 mas/yr	V=10.4	Reference Frame: ICRS				
		Alt Name1: TYC7630-352-1	Dec: -39 05 50.55 (-39.09737d)	Proper Motion Dec: 28.7 mas/yr	H=9.625					
		Alt Name2: 2MASSJ07102406-3905506	Equinox: J2000	Epoch of Position: 2000						
	Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5320)	(20) WASP-121	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.853 TO 0.859	Sequence 1-2 Non-Int in WASP-121 E230M Visit #2 (98)	0.2 Secs (0.2 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.61 seconds. Exposure time 0.2 seconds used here.									
	2	WASP-121 E230M Orbit 1 (STIS.sp.82 6191)	(20) WASP-121	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=500		Sequence 1-2 Non-Int in WASP-121 E230M Visit #2 (98)	2100 Secs (2100 Secs) [==>]	[1]
	3	WASP-121 E230M Orbit 2 (STIS.sp.82 6191)	(20) WASP-121	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=500			2700 Secs (2740 Secs) [==>2740.0 Secs]	[2]
	4	WASP-121 E230M Orbit 3 (STIS.sp.82 6191)	(20) WASP-121	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=500			2700 Secs (2740 Secs) [==>2740.0 Secs]	[3]
	5	WASP-121 E230M Orbit 4 (STIS.sp.82 6191)	(20) WASP-121	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=500			2700 Secs (2740 Secs) [==>2740.0 Secs]	[4]
	6	WASP-121 E230M Orbit 5 (STIS.sp.82 6191)	(20) WASP-121	STIS/NUV-MAMA, TIME-TAG, 0.2X0.2	E230M 2707 A	BUFFER-TIME=500			2700 Secs (2740 Secs) [==>2740.0 Secs]	[5]

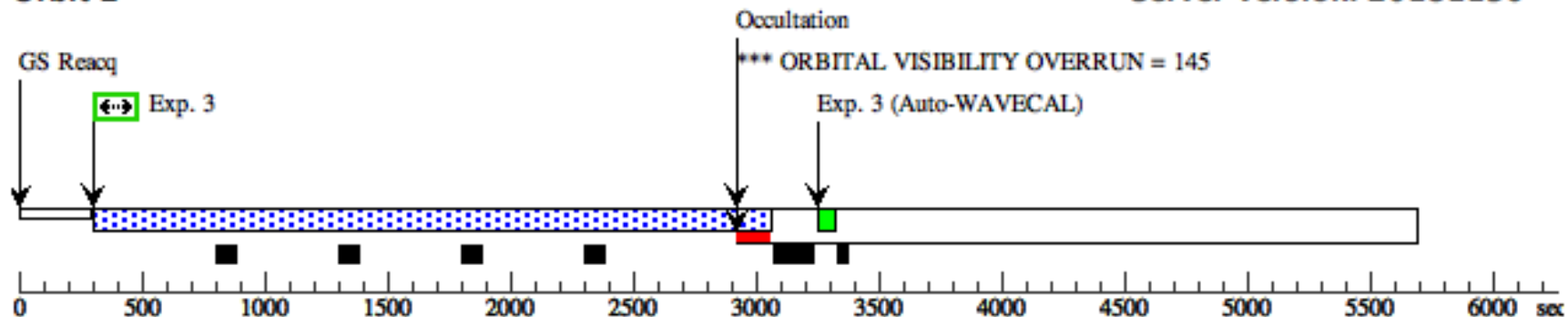
Orbit 1

Server Version: 20181130



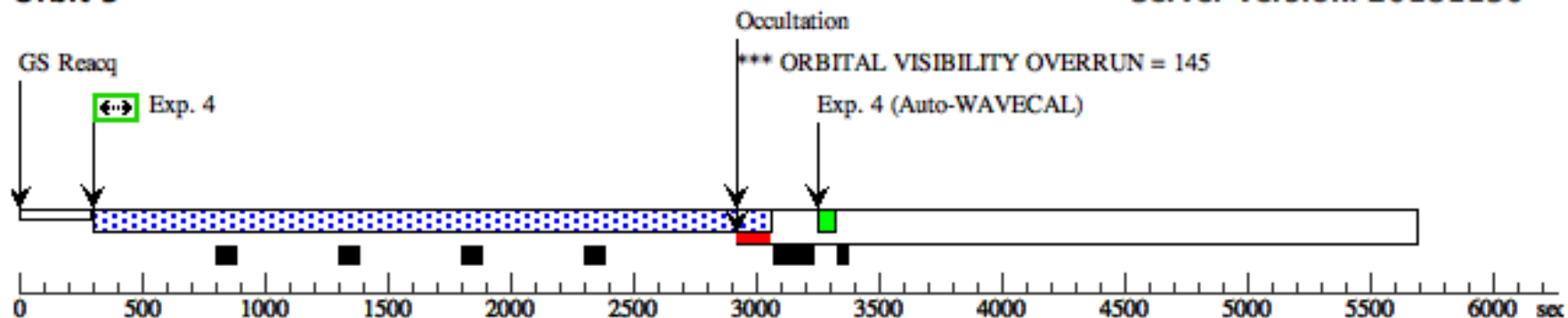
Orbit 2

Server Version: 20181130



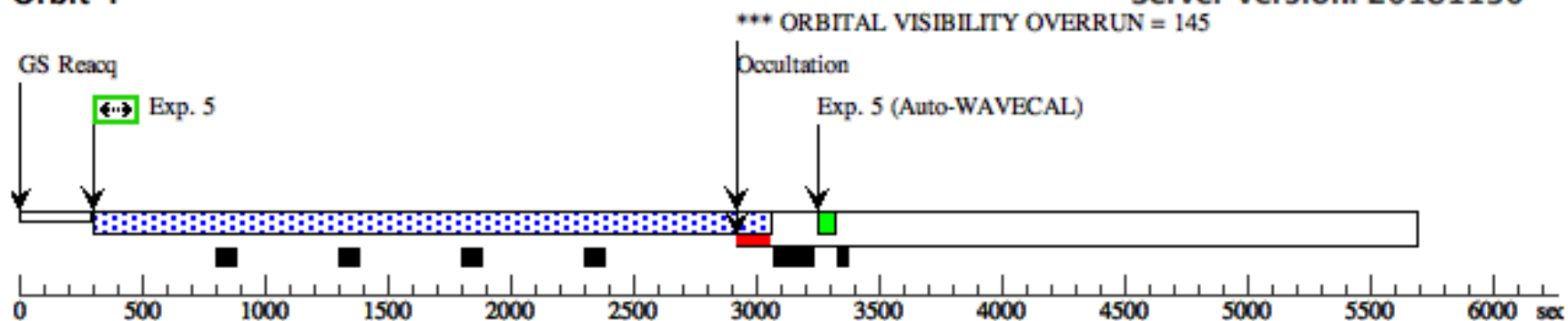
Orbit 3

Server Version: 20181130



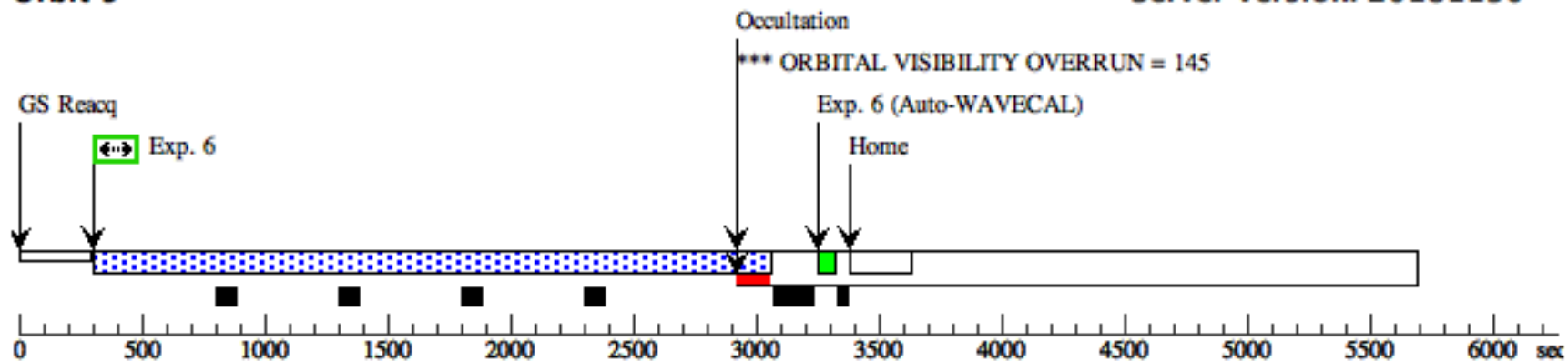
Orbit 4

Server Version: 20181130



Orbit 5

Server Version: 20181130



Proposal 14767 - WASP-121 G430L (99) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-121 G430L (99), completed Diagnostic Status: Warning Scientific Instruments: STIS/CCD Special Requirements: SCHED 100%; Period 1.2749255 D AND ZERO-PHASE HJD2456635.70832 Comments: Phase constrained with other G430L visit to maximize phase coverage of the transit. It is essential that the five orbits be scheduled in a continuous block, free of the SAA. Wed Jun 05 15:15:08 GMT 2019

[illegible]

Proposal 14767 - WASP-121 G430L (99) - The Panchromatic Comparative Exoplanetary Treasury Program

	(WASP-121 G430L (99)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
	(WASP-121 G430L (99)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(20)	WASP-121	RA: 07 10 24.0580 (107.6002417d)	Proper Motion RA: -3.4 mas/yr	V=10.4
		Alt Name1: TYC7630-352-1	Dec: -39 05 50.55 (-39.09737d)	Proper Motion Dec: 28.7 mas/yr	H=9.625
		Alt Name2: 2MASSJ07102406-3905506	Equinox: J2000	Epoch of Position: 2000	
	Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9] Extended=NO				
	Reference Frame: ICRS				

Proposal 14767 - WASP-121 G430L (99) - The Panchromatic Comparative Exoplanetary Treasury Program

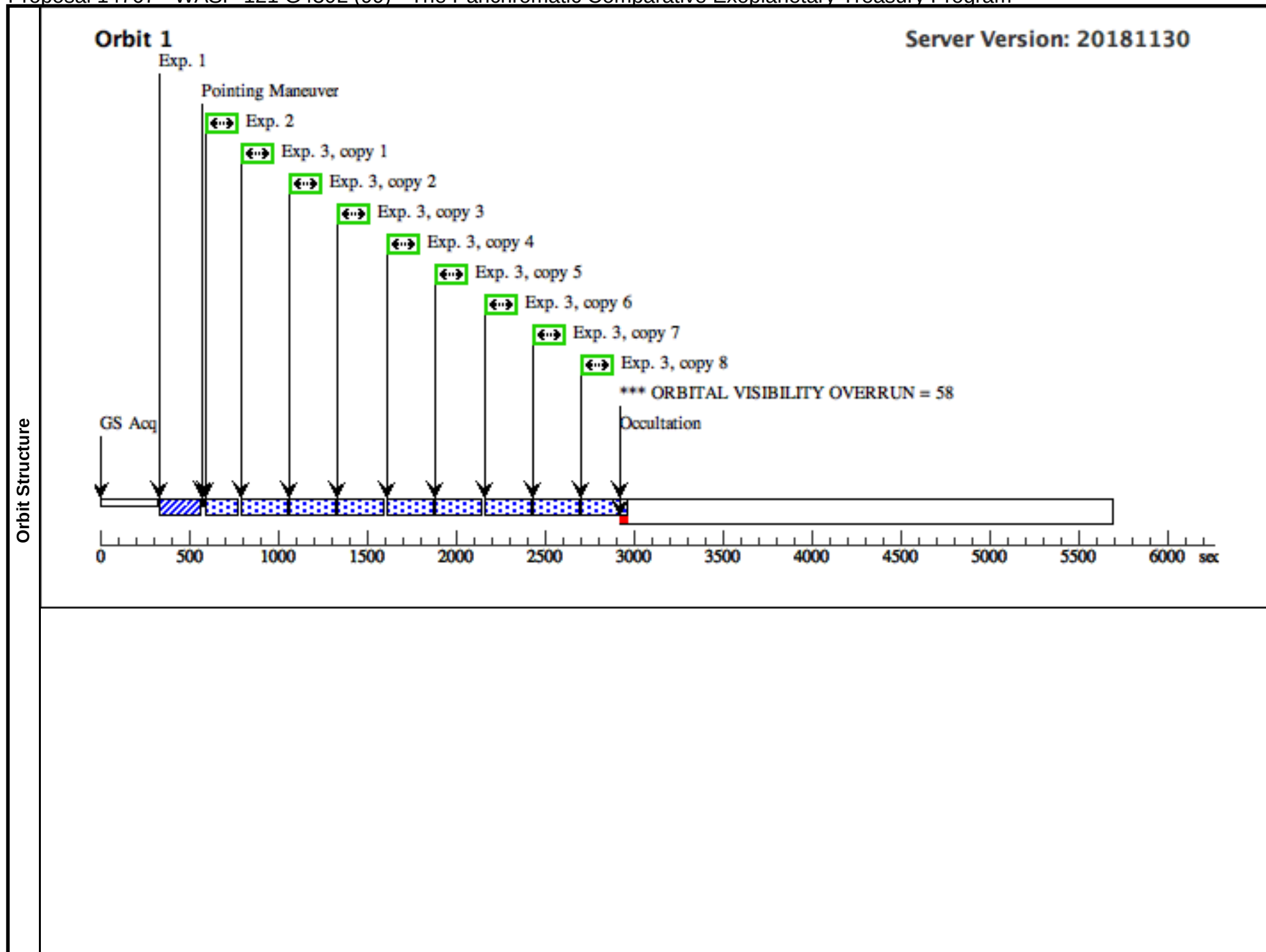
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5320)	(20) WASP-121	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.84 TO 0.8 47		0.2 Secs (0.2 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.61 seconds. Exposure time 0.2 seconds used here.									
	2	WASP-121 G430L Orbit 1	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			66 Secs (66 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-121 G430L Orbit 1 (STIS.sp.82 3157)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	WASP-121 G430L Orbit 2	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-121 G430L Orbit 2 (STIS.sp.82 3157)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-121 G430L Orbit 3	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-121 G430L (99) - The Panchromatic Comparative Exoplanetary Treasury Program

7	WASP-121 G430L Orbit 3 (STIS.sp.82 3157)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-121 G430L Orbit 4	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-121 G430L Orbit 4 (STIS.sp.82 3157)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WASP-121 G430L Orbit 5	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	WASP-121 G430L Orbit 5 (STIS.sp.82 3157)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

Proposal 14767 - WASP-121 G430L (99) - The Panchromatic Comparative Exoplanetary Treasury Program

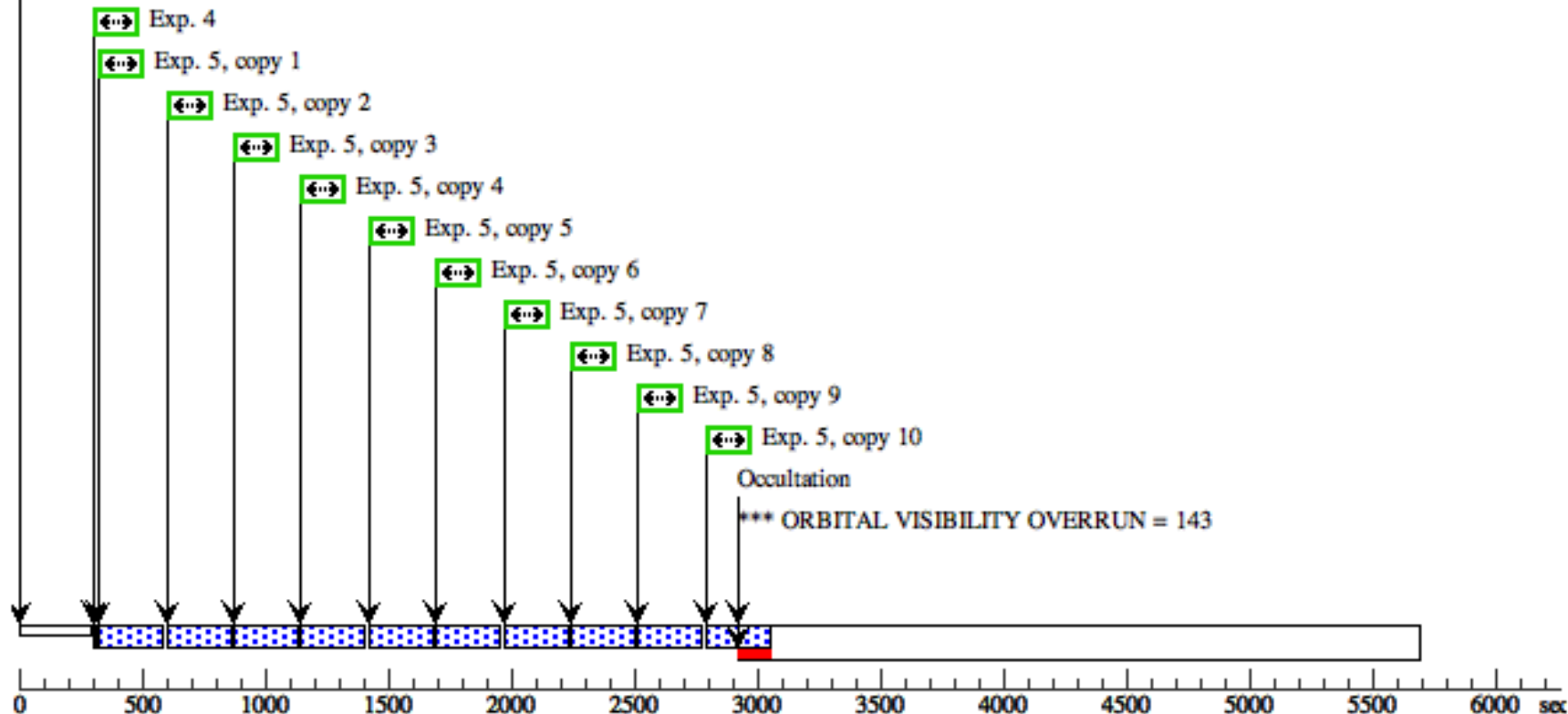
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	[==>]	[5]
					Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle	



Orbit 2

Server Version: 20181130

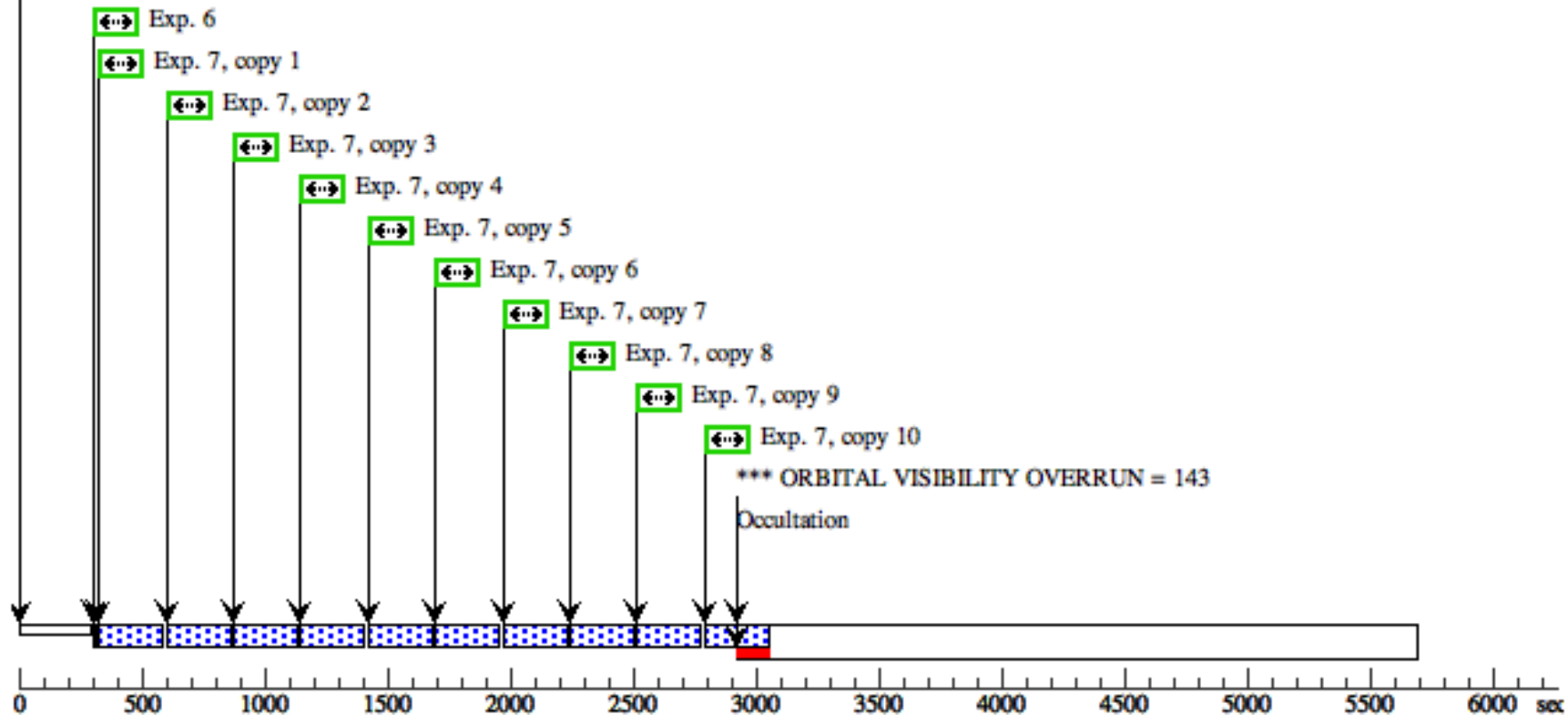
GS Reacq



Orbit 3

Server Version: 20181130

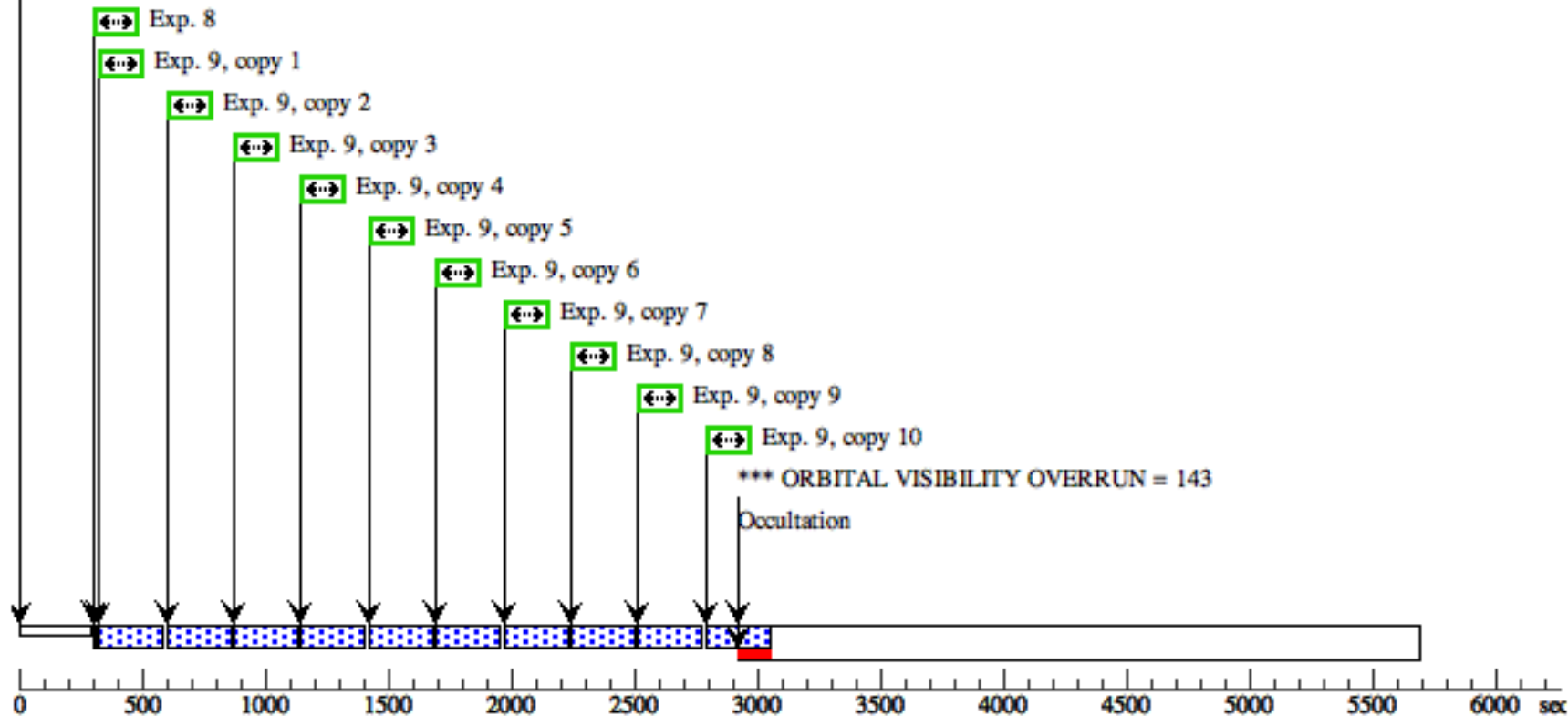
GS Reacq

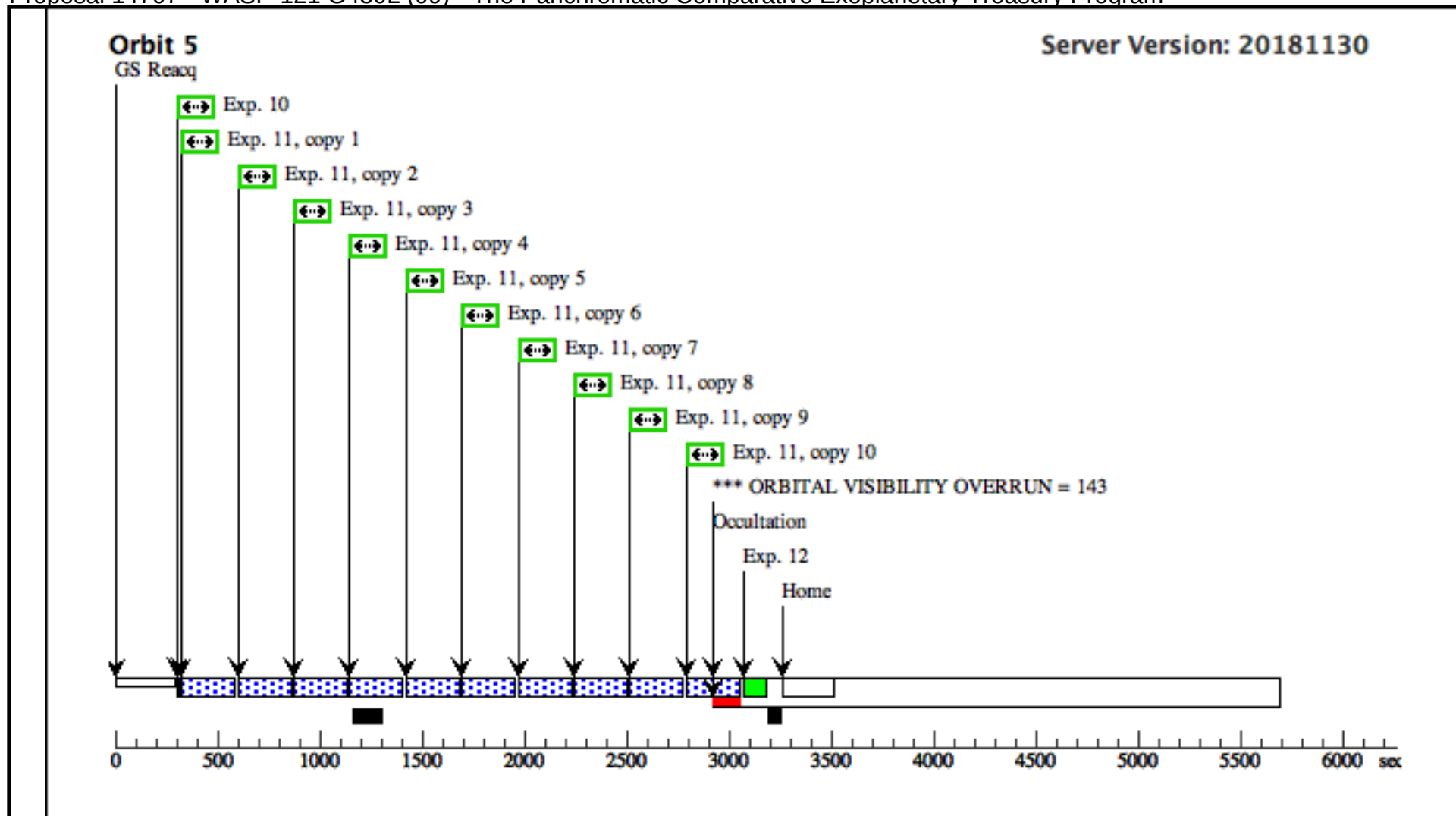


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-121 G430L x2 (A1) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-121 G430L x2 (A1), completed	Wed Jun 05 15:15:08 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 1.2749255 D AND ZERO-PHASE HJD2456635.70832	
	Comments: Phase constrained with other G430L visit to maximize phase coverage of the transit. It is essential that the five orbits be scheduled in a continuous block, free of the SAA.	

[illegible]

Proposal 14767 - WASP-121 G430L x2 (A1) - The Panchromatic Comparative Exoplanetary Treasury Program

	(WASP-121 G430L x2 (A1)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
	(WASP-121 G430L x2 (A1)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(20)	WASP-121	RA: 07 10 24.0580 (107.6002417d)	Proper Motion RA: -3.4 mas/yr	V=10.4	Reference Frame: ICRS
		Alt Name1: TYC7630-352-1	Dec: -39 05 50.55 (-39.09737d)	Proper Motion Dec: 28.7 mas/yr	H=9.625	
		Alt Name2: 2MASSJ07102406-3905506	Equinox: J2000	Epoch of Position: 2000		
		Comments:				
		Category=STAR				
	Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9]					
	Extended=NO					

Proposal 14767 - WASP-121 G430L x2 (A1) - The Panchromatic Comparative Exoplanetary Treasury Program

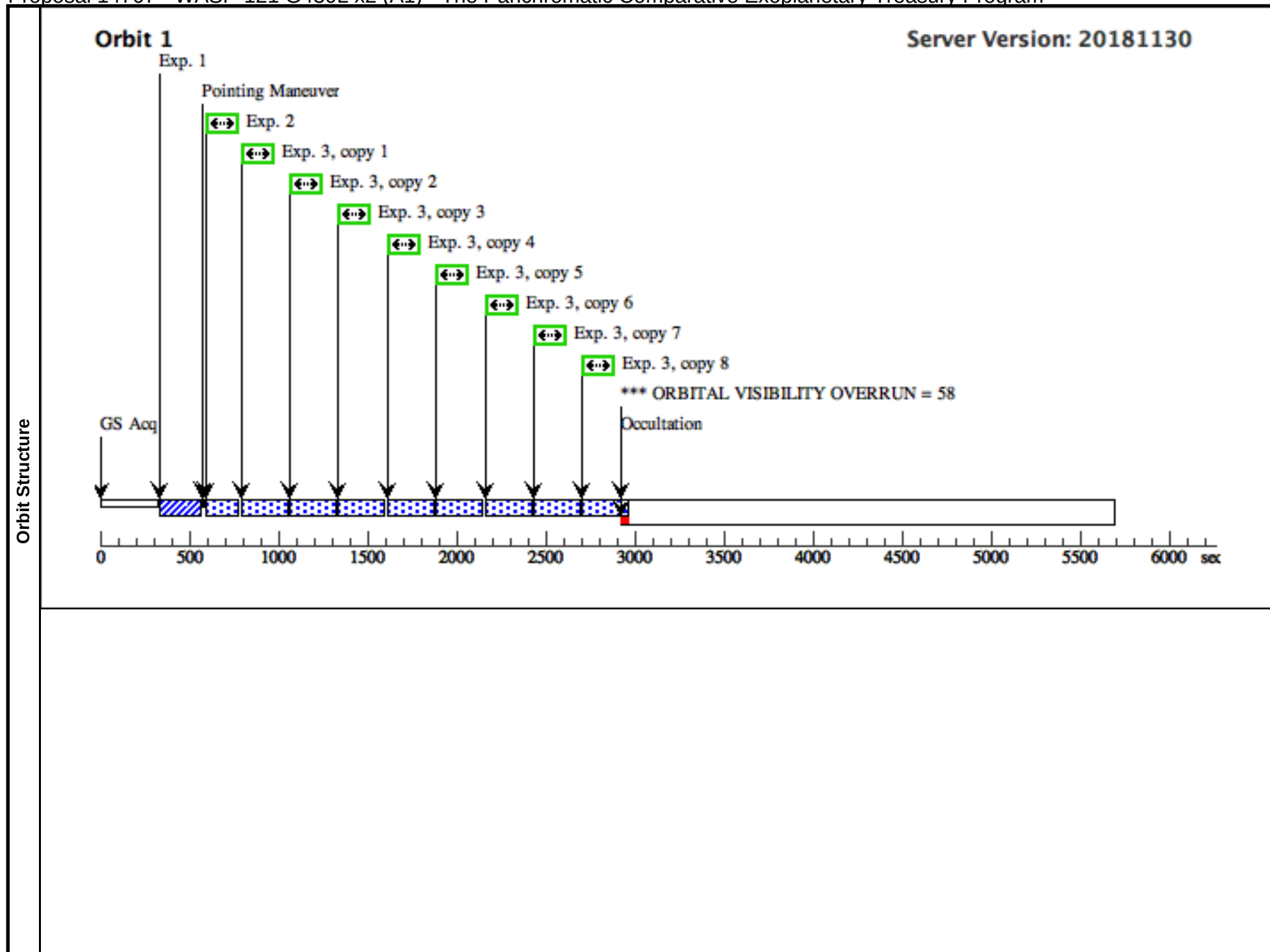
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5320)	(20) WASP-121	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.865 TO 0.872		0.2 Secs (0.2 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.61 seconds. Exposure time 0.2 seconds used here.									
	2	WASP-121 G430L Orbit 1	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			66 Secs (66 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-121 G430L Orbit 1 (STIS.sp.82 3157)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			253 Secs X 8 (2024 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)]	[1]
	4	WASP-121 G430L Orbit 2	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-121 G430L Orbit 2 (STIS.sp.82 3157)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[2]
	6	WASP-121 G430L Orbit 3	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			1 Secs (1 Secs) [==>]	[3]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									

Proposal 14767 - WASP-121 G430L x2 (A1) - The Panchromatic Comparative Exoplanetary Treasury Program

7	WASP-121 G430L Orbit 3 (STIS.sp.82 3157)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[3]
8	WASP-121 G430L Orbit 4	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs (1 Secs) [==>]	[4]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
9	WASP-121 G430L Orbit 4 (STIS.sp.82 3157)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[4]
10	WASP-121 G430L Orbit 5	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	WASP-121 G430L Orbit 5 (STIS.sp.82 3157)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	253 Secs X 10 (2530 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)]	[5]

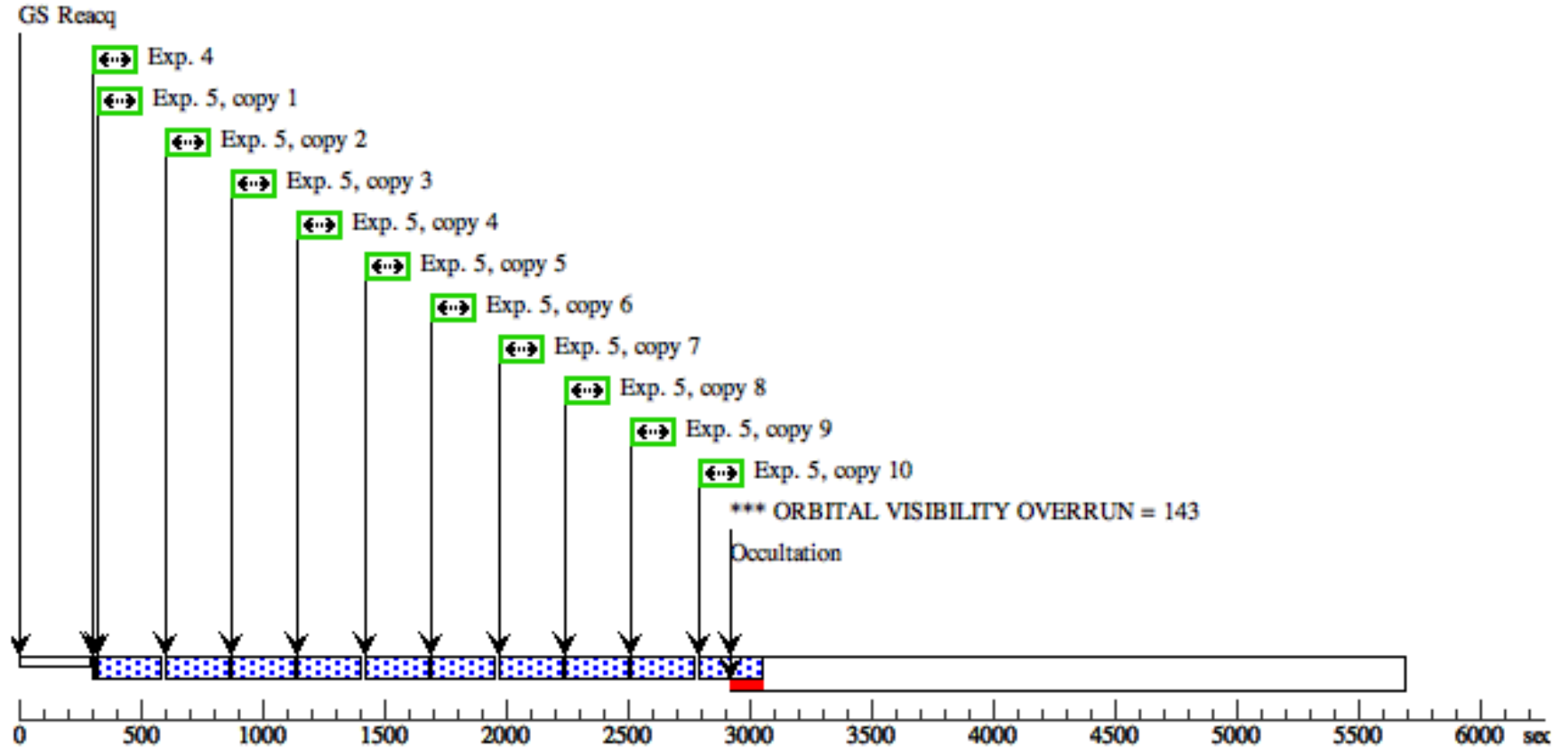
Proposal 14767 - WASP-121 G430L x2 (A1) - The Panchromatic Comparative Exoplanetary Treasury Program

12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	[==>]	[5]
					Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle	



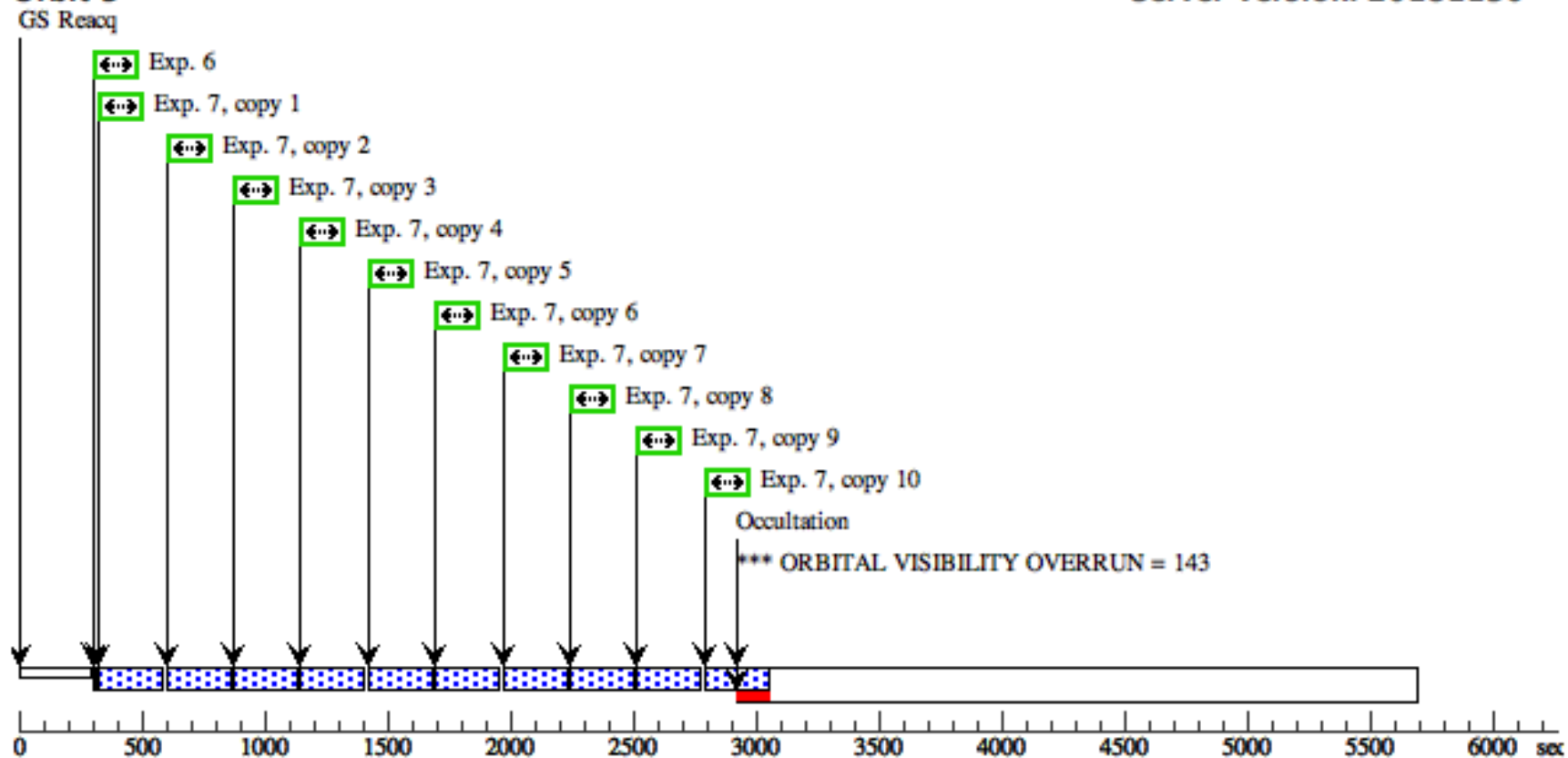
Orbit 2

Server Version: 20181130



Orbit 3

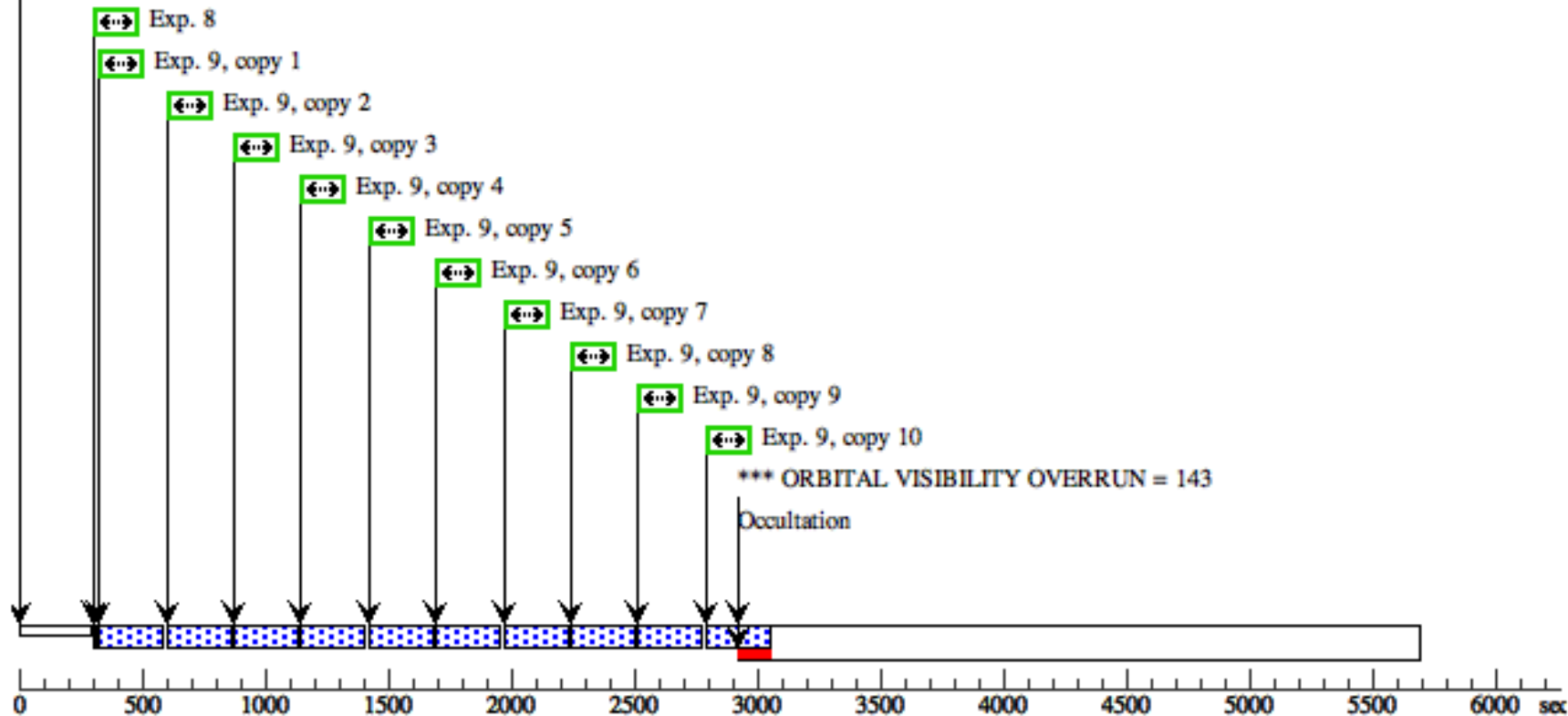
Server Version: 20181130

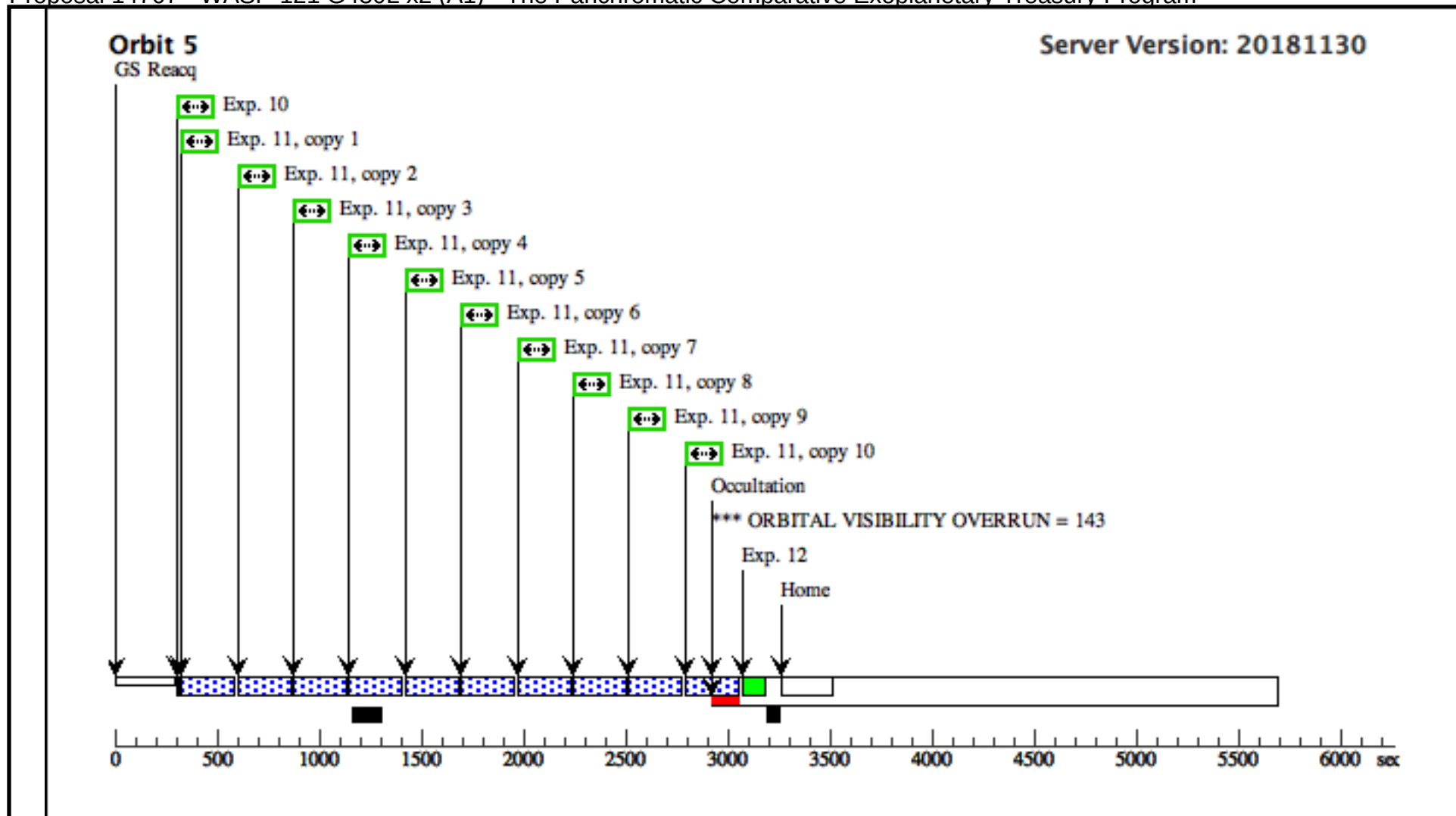


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-121 G750L (A2) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-121 G750L (A2), completed	Wed Jun 05 15:15:08 GMT 2019
	Diagnostic Status: Warning	
	Scientific Instruments: STIS/CCD	
	Special Requirements: SCHED 100%; Period 1.2749255 D AND ZERO-PHASE HJD2456635.70832	
	Comments: It is essential that the five orbits be scheduled in a continuous block.	

Proposal 14767 - WASP-121 G750L (A2) - The Panchromatic Comparative Exoplanetary Treasury Program

Diagnostics

[illegible]

Proposal 14767 - WASP-121 G750L (A2) - The Panchromatic Comparative Exoplanetary Treasury Program

	(WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL (WASP-121 G750L (A2)) Warning (Orbit Planner): STIS SCIENCE TOO FAR FROM WAVECAL					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(20)	WASP-121	RA: 07 10 24.0580 (107.6002417d)	Proper Motion RA: -3.4 mas/yr	V=10.4	Reference Frame: ICRS
		Alt Name1: TYC7630-352-1	Dec: -39 05 50.55 (-39.09737d)	Proper Motion Dec: 28.7 mas/yr	H=9.625	
		Alt Name2: 2MASSJ07102406-3905506	Equinox: J2000	Epoch of Position: 2000		
		Comments: Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9] Extended=NO				

Proposal 14767 - WASP-121 G750L (A2) - The Panchromatic Comparative Exoplanetary Treasury Program

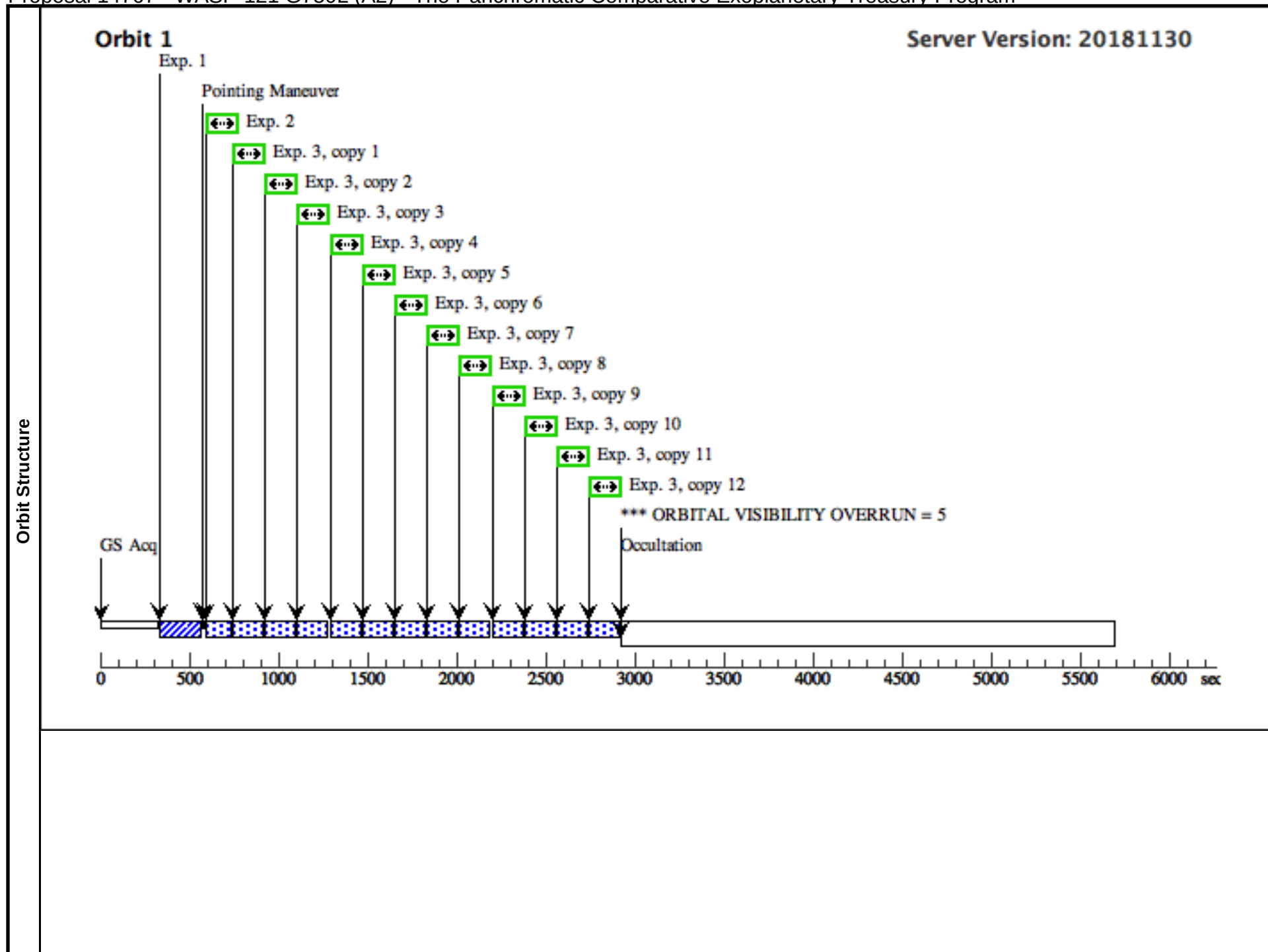
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ, phase constrained (STIS.im.82 5320)	(20) WASP-121	STIS/CCD, ACQ, F28X50LP	MIRROR	GAIN=4	PHASE 0.853 TO 0.859		0.2 Secs (0.2 Secs) [==>]	[1]
	Comments: Saturation is calculated at 0.61 seconds. Exposure time 0.2 seconds used here.									
	2	WASP-121 G750L Orbit 1	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			1 Secs (1 Secs) [==>]	[1]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	3	WASP-121 G750L Orbit 1 (STIS.sp.82 3159)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			161 Secs X 12 (1932 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)] [==>(Copy 5)] [==>(Copy 6)] [==>(Copy 7)] [==>(Copy 8)] [==>(Copy 9)] [==>(Copy 10)] [==>(Copy 11)] [==>(Copy 12)]	[1]
	4	WASP-121 G750L Orbit 2	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			1 Secs (1 Secs) [==>]	[2]
	Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.									
	5	WASP-121 G750L Orbit 2 (STIS.sp.82 3159)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO			161 Secs X 15 (2415 Secs) [==>(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)]	[2]

Proposal 14767 - WASP-121 G750L (A2) - The Panchromatic Comparative Exoplanetary Treasury Program

6	WASP-121 G750L Orbit 3	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs (1 Secs)	
						[==>]	[3]
						Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.	
7	WASP-121 G750L Orbit 3 (STIS.sp.82 3159)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	161 Secs X 15 (2415 Secs)	
						[==>(Copy 1)]	[3]
						[==>(Copy 2)]	
						[==>(Copy 3)]	
						[==>(Copy 4)]	
						[==>(Copy 5)]	
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						[==>(Copy 12)]	
						[==>(Copy 13)]	
						[==>(Copy 14)]	
						[==>(Copy 15)]	
8	WASP-121 G750L Orbit 4	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs (1 Secs)	
						[==>]	[4]
						Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.	
9	WASP-121 G750L Orbit 4 (STIS.sp.82 3159)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	161 Secs X 15 (2415 Secs)	
						[==>(Copy 1)]	[4]
						[==>(Copy 2)]	
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						[==>(Copy 4)]	
						[==>(Copy 5)]	
						[==>(Copy 6)]	
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						[==>(Copy 11)]	
						[==>(Copy 12)]	
						[==>(Copy 13)]	
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Proposal 14767 - WASP-121 G750L (A2) - The Panchromatic Comparative Exoplanetary Treasury Program

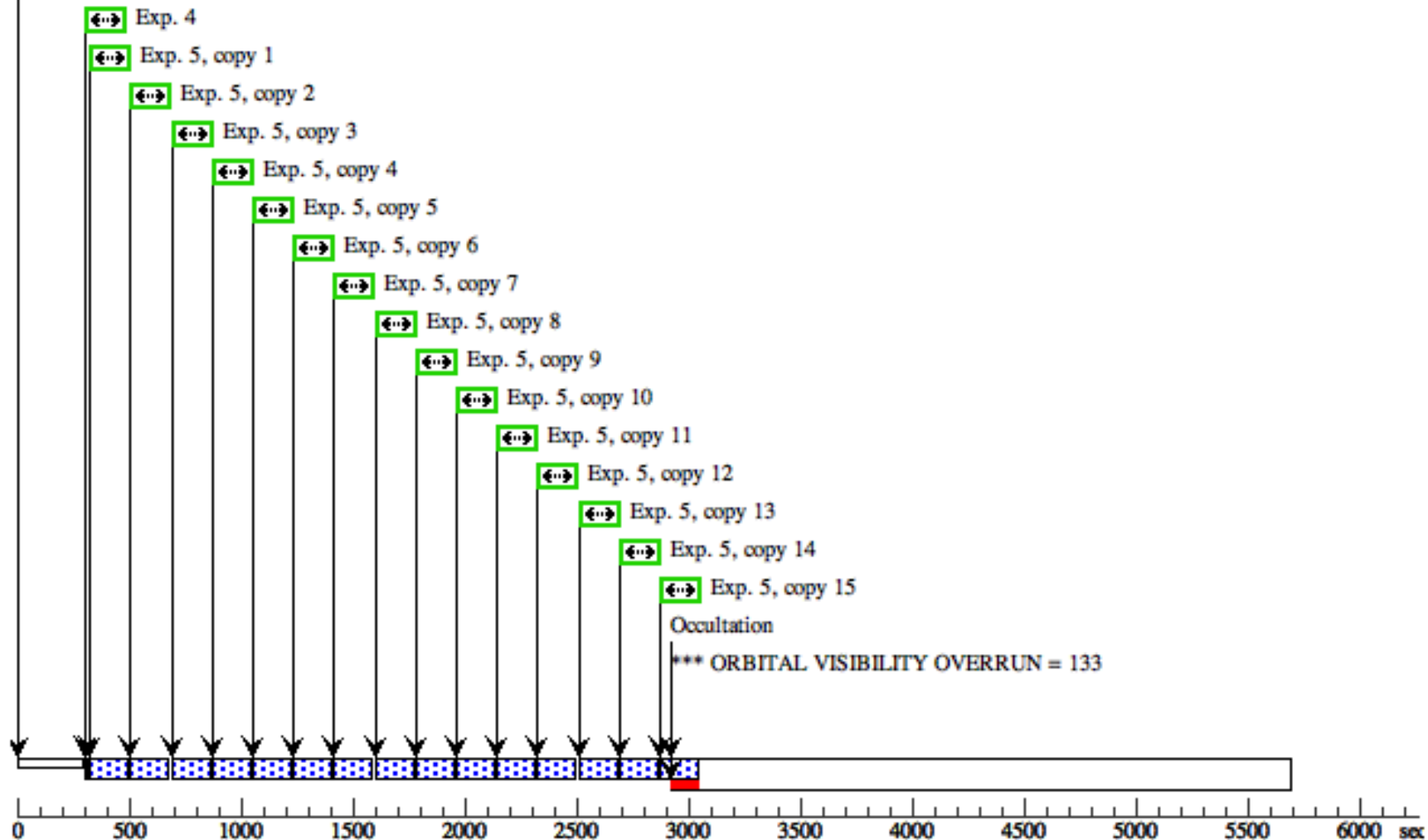
10	WASP-121 G750L Orbit 5	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	1 Secs (1 Secs) [==>]	[5]
<i>Comments: Short exposure to minimize instrument systematic of first exposure in each orbit.</i>							
11	WASP-121 G750L Orbit 5 (STIS.sp.82 3159)	(20) WASP-121	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0; WAVECAL=NO	161 Secs X 15 (2415 Secs) [==>(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)]	[5]
12	WAVE	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		[==>]	[5]
<i>Comments: Explicit WAVECAL, auto-waves disabled to increase duty cycle</i>							
13	Flat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A		[==>(Copy 1)] [==>(Copy 2)]	[5]
14	Tungsten La mp	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTE N; CR-SPLIT=NO; GAIN=4; SIZEAXIS2=128.0	240 Secs X 4 (960 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[5]
<i>Comments: Expected peak count level = 50,000 e-</i>							



Orbit 2

GS Reacq

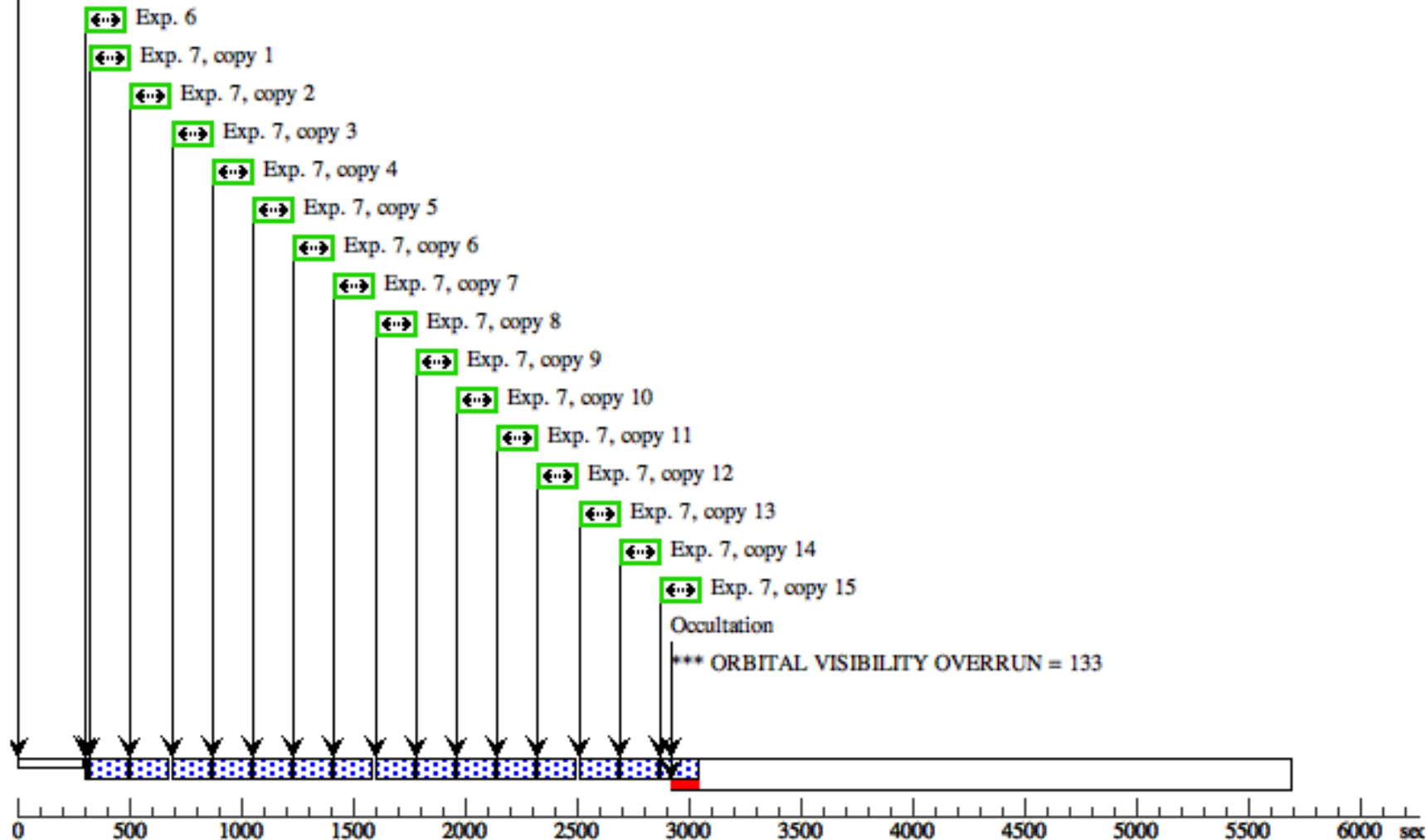
Server Version: 20181130



Orbit 3

Server Version: 20181130

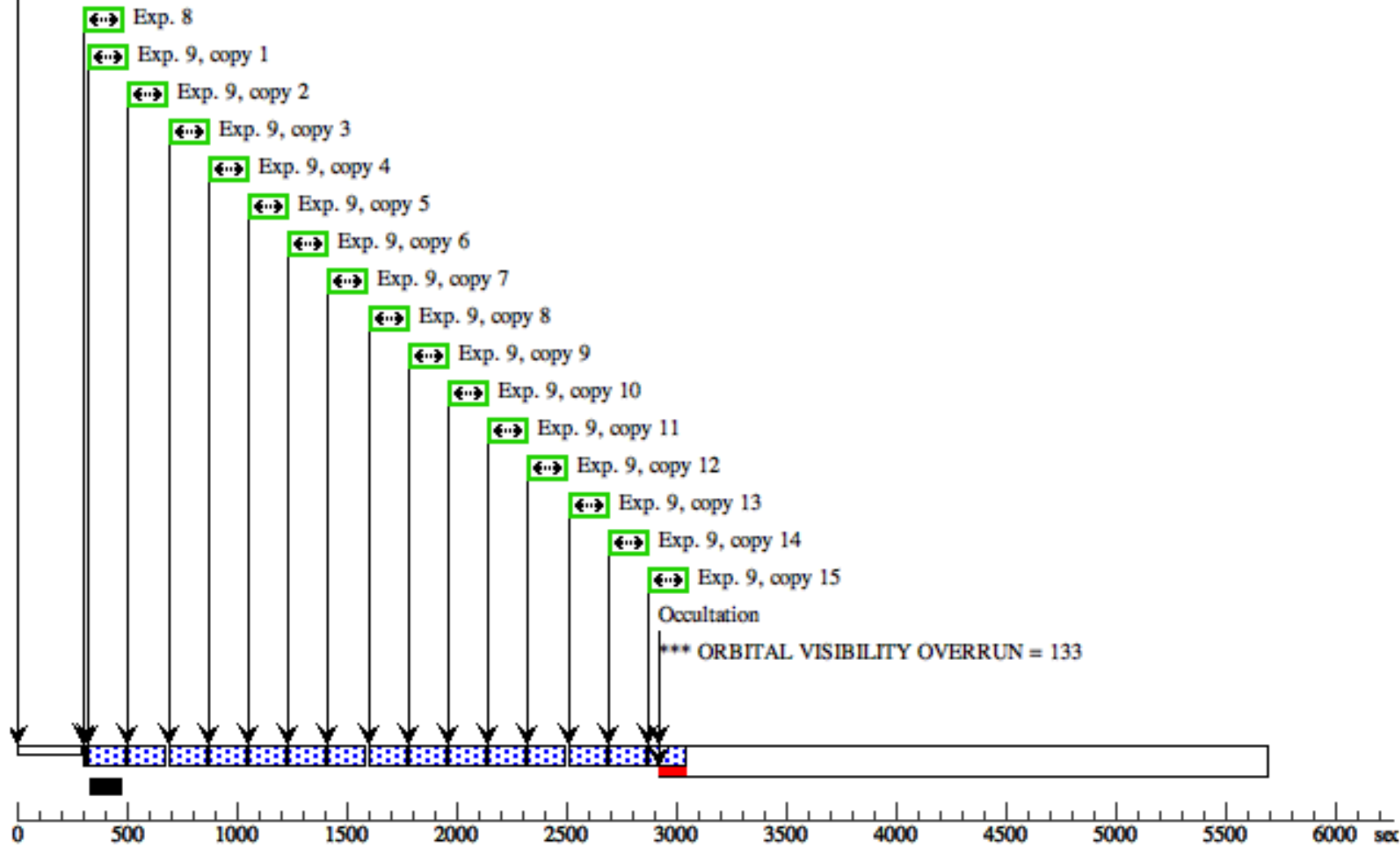
GS Reacq

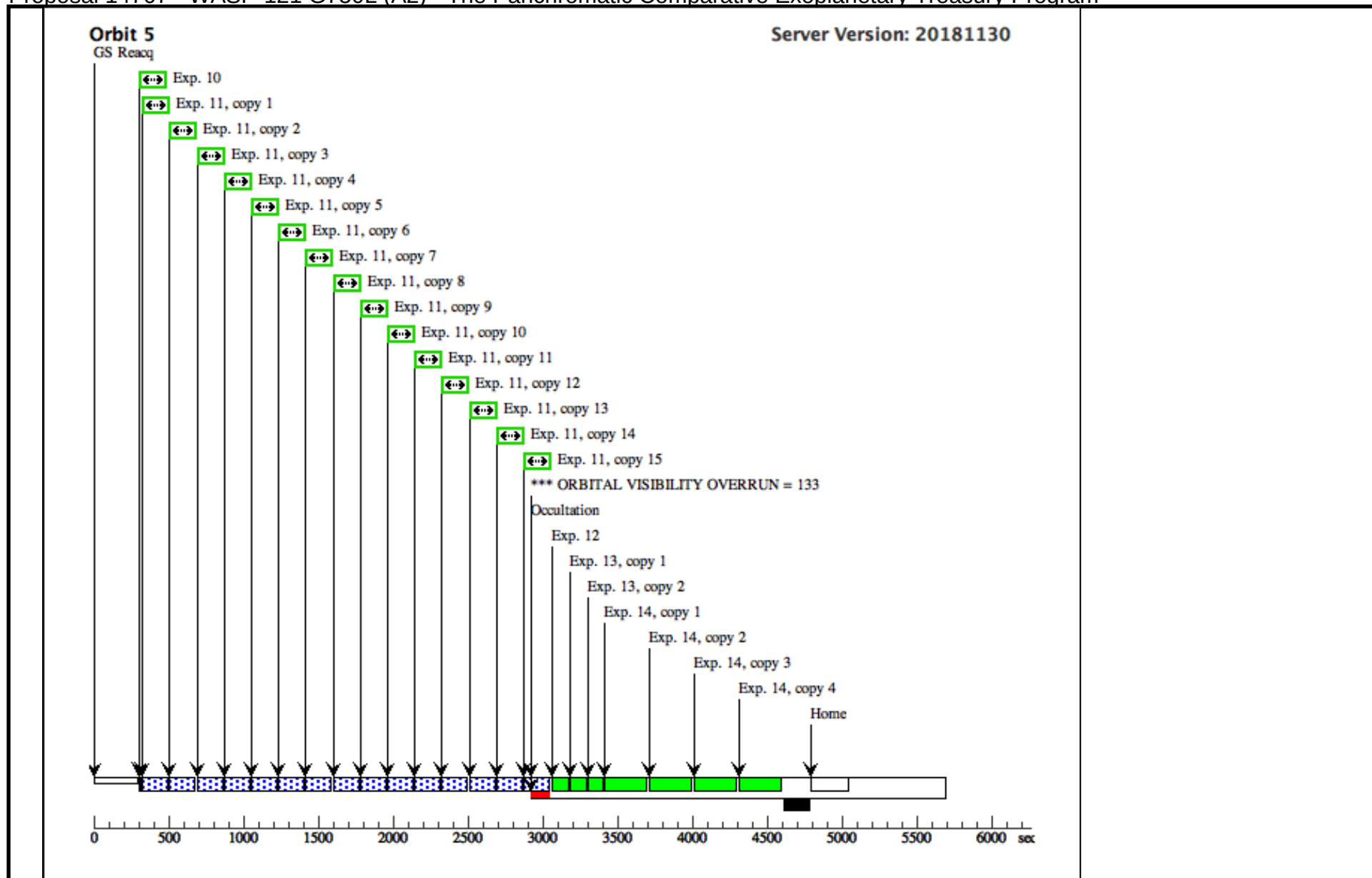


Orbit 4

Server Version: 20181130

GS Reacq





Proposal 14767 - WASP-121 WFC3 Eclipse (A3) - The Panchromatic Comparative Exoplanetary Treasury Program

Visit	Proposal 14767, WASP-121 WFC3 Eclipse (A3), completed Wed Jun 05 15:15:08 GMT 2019					
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: SCHED 100%; ORIENT 25D TO 50 D; ORIENT 125D TO 140 D; ORIENT 310D TO 325 D; ORIENT 200D TO 220 D; Period 1.2749255 D AND ZERO-PHASE HJD2456635.70832 <i>Comments: It is essential that the five HST orbits be scheduled in a contiguous block. We have defined each HST orbit within a non-interruptible sequence, to ensure that all exposures defined within the sequence are taken during the same HST orbit.</i> <i>We will use forward spatial scanning mode to avoid saturation on relatively long exposures and increase observing efficiency.</i> <i>Visit orientation requirements have been defined to avoid spectra from nearby stars overlapping the target spectrum.</i>					
Diagnostics	(WASP-121 WFC3 Eclipse (A3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-121 WFC3 Eclipse (A3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-121 WFC3 Eclipse (A3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-121 WFC3 Eclipse (A3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WASP-121 WFC3 Eclipse (A3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(20)	WASP-121 Alt Name1: TYC7630-352-1 Alt Name2: 2MASSJ07102406-3905506	RA: 07 10 24.0580 (107.6002417d) Dec: -39 05 50.55 (-39.09737d) Equinox: J2000	Proper Motion RA: -3.4 mas/yr Proper Motion Dec: 28.7 mas/yr Epoch of Position: 2000	V=10.4 H=9.625	Reference Frame: ICRS
	<i>Comments:</i> Category=STAR Description=[EXTRA-SOLAR PLANETARY SYSTEM, F3-F9] Extended=NO					

Proposal 14767 - WASP-121 WFC3 Eclipse (A3) - The Panchromatic Comparative Exoplanetary Treasury Program

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Acquisition 1	(20) WASP-121	WFC3/IR, MULTIACCUM, GRISM256	F130N	NSAMP=3; SAMP-SEQ=RAPID	PHASE 0.353 TO 0.359	Sequence 1-3 Non-Int in WASP-121 WFC3 Eclipse (A3)	0.833445 Secs (0.833 Secs) [==>]	[1]
	Comments: Phase-constrained									
	2	Science 1	(20) WASP-121	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-8; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 1-3 Non-Int in WASP-121 WFC3 Eclipse (A3)	103.128633 Secs X 14 (1443.801 Secs) [==>(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)]	[1]
	3	Science 2	(20) WASP-121	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=14; SAMP-SEQ=SPARS10	POS TARG null,-8; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 1-3 Non-Int in WASP-121 WFC3 Eclipse (A3)	95.782146 Secs (95.782 Secs) [==>]	[1]
	Comments: shorter exposure than the rest of the timeseries in order to fit in the gap									
	4	Science 3	(20) WASP-121	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPARS10	POS TARG null,-8; SPATIAL SCAN 0.12,90.0 Degrees,Forward	Sequence 4-4 Non-Int in WASP-121 WFC3 Eclipse (A3)	103.128633 Secs X 16 (1650.058 Secs) [==>(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)]	[2]

Proposal 14767 - WASP-121 WFC3 Eclipse (A3) - The Panchromatic Comparative Exoplanetary Treasury Program

5	Science 4	(20) WASP-121	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-8; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 5-5 Non-Int in WASP-121 WFC3 Eclipse (A3)	103.128633 Secs X 16 (1650.058 Secs)	[3]
								[==>(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)]	
6	Science 5	(20) WASP-121	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-8; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 6-6 Non-Int in WASP-121 WFC3 Eclipse (A3)	103.128633 Secs X 16 (1650.058 Secs)	[4]
								[==>(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)]	

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7	Science 6	(20) WASP-121	WFC3/IR, MULTIACCUM, GRISM256	G141	NSAMP=15; SAMP-SEQ=SPAR S10	POS TARG null,-8; SPATIAL SCAN 0.1 2,90.0 Degrees,Forward	Sequence 7-7 Non-Int in WASP-121 WFC 3 Eclipse (A3)	103.128633 Secs X 16 (1650.058 Secs)	
								[==>(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)]	[5]

