



14792 - Remastering the classics: A thermal inversion for the hot Jupiter archetype HAT-P-7b?

Cycle: 24, Proposal Category: GO
(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) HAT-P-7	WFC3/IR	5	29-Jul-2016 15:43:59.0	yes
02	(1) HAT-P-7	WFC3/IR	5	29-Jul-2016 15:44:37.0	yes

10 Total Orbits Used

ABSTRACT

One of the key questions raised by the Spitzer characterization of transiting exoplanets is the cause of thermal inversions in hot Jupiter atmospheres. This is a question that has motivated numerous observational and theoretical efforts to search for and explain the phenomenon over the last eight years. However, recent work by our team and others indicates that some previous claims of thermal inversion detections based on Spitzer data are

ambiguous at best, and even wrong in some cases. On the other hand, new WFC3 spectroscopy data have suggested that other hot Jupiters may indeed have thermal inversions, thus reigniting an old debate.

We propose here to characterize the best remaining thermal inversion archetype suggested by Spitzer observations. We will measure the thermal emission spectrum of the transiting hot Jupiter HAT-P-7b by observing secondary eclipses with WFC3. The WFC3 spectrum will unambiguously reveal the thermal structure of the planet's atmosphere and definitely test the influential thermal inversion hypothesis.

It is of vital importance to get to the bottom of this issue now. If thermal inversions as we have been envisioning them are a real phenomenon, then the community will want to study the question of their origin in more detail with JWST. However, if the previous claims were spurious and we continue to believe that this is a problem worth investigating, then we will be following a blind alley with early JWST observations. We have a chance to address the influential thermal inversion hypothesis today with HST, and thus to establish the best foundation for the exciting future ahead with JWST.

OBSERVING DESCRIPTION

This program is focused on secondary eclipse observations of the exoplanet HAT-P-7b. There will be two visits of five orbits each. The sequence for each visit will be two orbits out of eclipse, two orbits in eclipse (eclipse duration is 196 minutes), and one orbit out of eclipse. Both visits will be done with the G141 grism and using bi-directional spatial scanning. Each orbit begins with a direct image through the F126N filter for wavelength calibration. All observations are using the GRISM256 subarray.

The observations must be precisely scheduled to catch the eclipses. I have given a +/- 10 minute window on the phase constraint and used the schedulability=40 for this first submission.

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Fri Jul 29 19:44:41 GMT 2016

Visit	Proposal 14792, HAT7-eclipse (01) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; Period 2.2047372 D AND ZERO-PHASE HJD2454731.68039					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	HAT-P-7	RA: 19 28 59.3616 (292.2473400d) Dec: +47 58 10.26 (47.96952d) Equinox: J2000	Proper Motion RA: -14.8 mas/yr Proper Motion Dec: 8.7 mas/yr Epoch of Position: 2000.0	V=10.48 H = 9.3	Reference Frame: SIMBAD
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					

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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Image	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID NSAMP=2	PHASE 0.41396338 TO 0.42026295	Sequence 1-21 Non-Int in HAT7-eclipse (01)	0.55563 Secs (0.556 Secs) [==>]	[1]
	2	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs) [==>]	[1]
	3	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs) [==>]	[1]
	4	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs) [==>]	[1]
	5	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs) [==>]	[1]
	6	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs) [==>]	[1]
	7	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs) [==>]	[1]
	8	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs) [==>]	[1]
	9	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs) [==>]	[1]
	10	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs) [==>]	[1]
	11	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs) [==>]	[1]
	12	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs) [==>]	[1]
13	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs) [==>]	[1]	

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14	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[1]
15	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[1]
16	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[1]
17	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[1]
18	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[1]
19	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[1]
20	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[1]
21	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[1]
22	Image	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2		Sequence 22-43 Non-Int in HAT7-eclipse (01)	0.55563 Secs (0.556 Secs)	[==>]	[2]
23	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[2]
24	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[2]
25	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[2]
26	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[2]

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27	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
28	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
29	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
30	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
31	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
32	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
33	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
34	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
35	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
36	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
37	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
38	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
39	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]

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40	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
41	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
42	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
43	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[2]
44	Image	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2		Sequence 44-65 Non-Int in HAT7-eclipse (01)	0.55563 Secs (0.556 Secs)	[3]
45	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
46	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
47	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
48	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
49	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
50	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
51	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
52	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]

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53	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
54	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
55	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
56	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
57	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
58	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
59	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
60	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
61	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
62	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
63	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
64	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]
65	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[3]

Proposal 14792 - HAT7-eclipse (01) - Remastering the classics: A thermal inversion for the hot Jupiter archetype HAT-P-7b?

66	Image	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2	Sequence 66-87 Non-Int in HAT7-eclipse (01)	0.55563 Secs (0.556 Secs) [==>]	[4]
67	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0,0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (01) [==>]	[4]
68	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0,0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (01) [==>]	[4]
69	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0,0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (01) [==>]	[4]
70	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0,0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (01) [==>]	[4]
71	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0,0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (01) [==>]	[4]
72	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0,0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (01) [==>]	[4]
73	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0,0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (01) [==>]	[4]
74	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0,0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (01) [==>]	[4]
75	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0,0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (01) [==>]	[4]
76	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0,0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (01) [==>]	[4]
77	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0,0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (01) [==>]	[4]
78	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0,0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (01) [==>]	[4]

Proposal 14792 - HAT7-eclipse (01) - Remastering the classics: A thermal inversion for the hot Jupiter archetype HAT-P-7b?

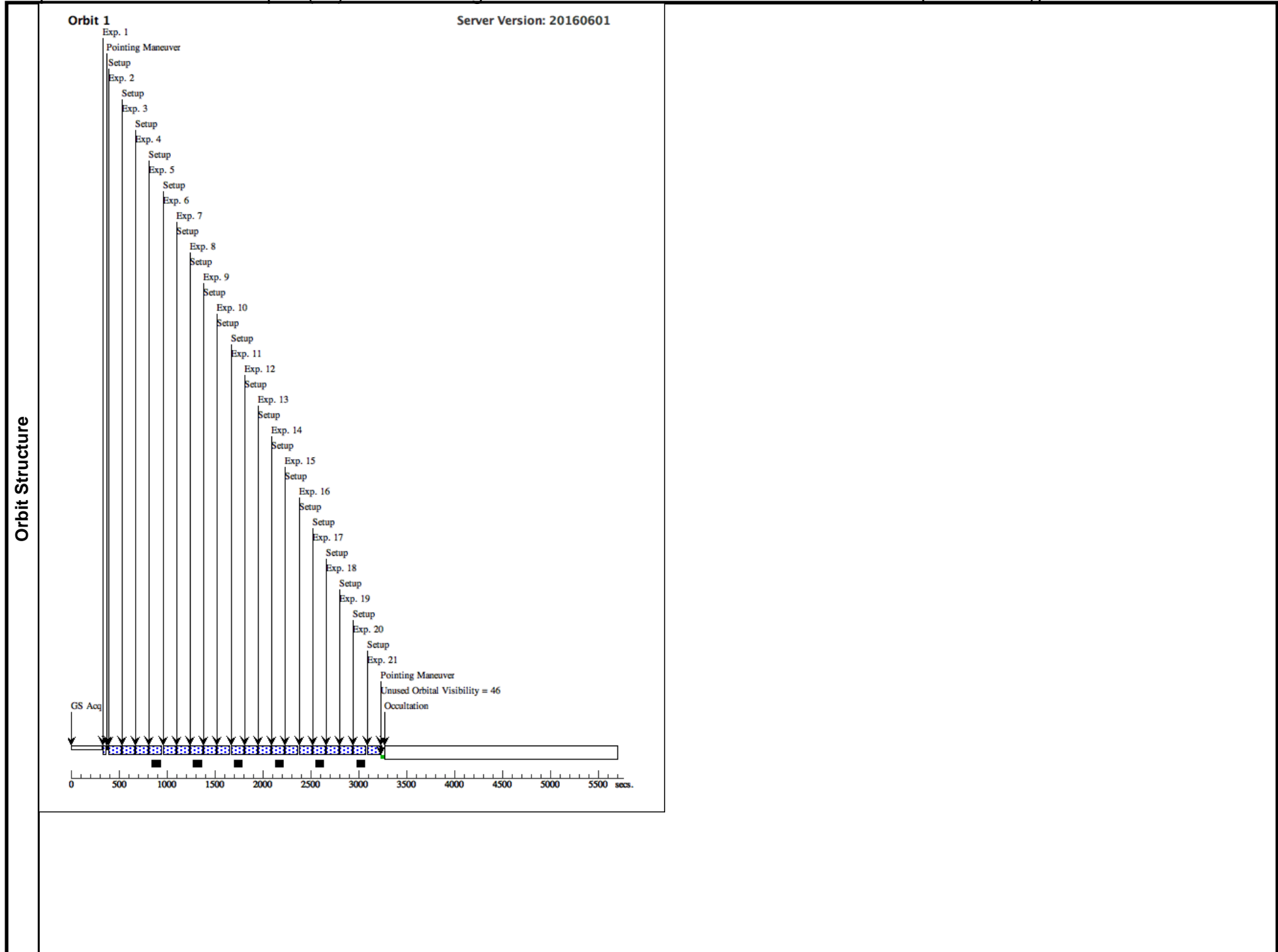
79	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[4]
80	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[4]
81	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[4]
82	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[4]
83	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[4]
84	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[4]
85	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[4]
86	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[4]
87	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[4]
88	Image	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2		Sequence 88-109 Non-Int in HAT7-eclipse (01)	0.555633 Secs (0.556 Secs)	[5]
89	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[5]
90	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[5]
91	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[5]

Proposal 14792 - HAT7-eclipse (01) - Remastering the classics: A thermal inversion for the hot Jupiter archetype HAT-P-7b?

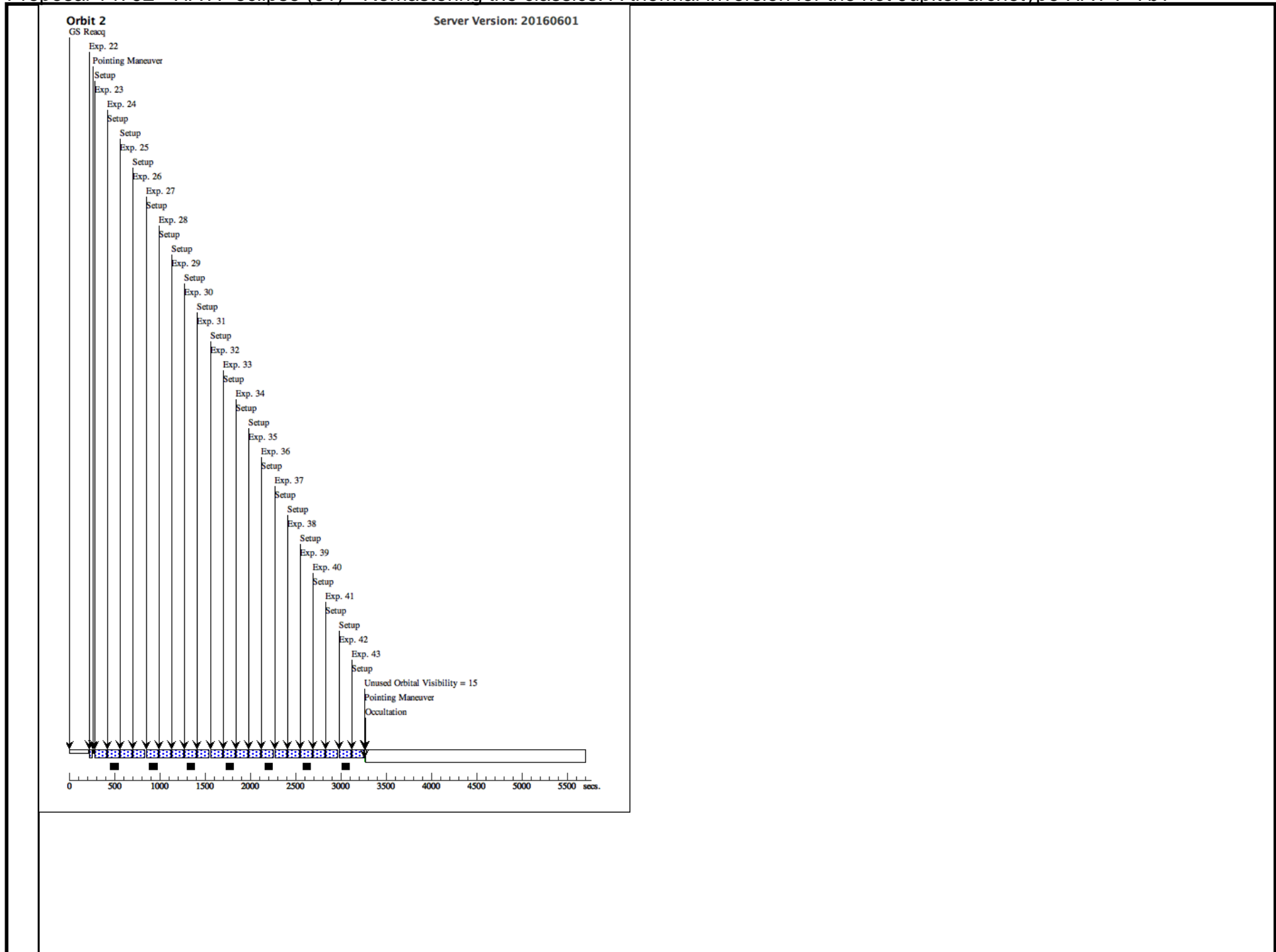
92	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
93	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
94	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
95	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
96	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
97	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
98	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
99	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
100	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
101	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
102	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
103	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
104	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]

Proposal 14792 - HAT7-eclipse (01) - Remastering the classics: A thermal inversion for the hot Jupiter archetype HAT-P-7b?

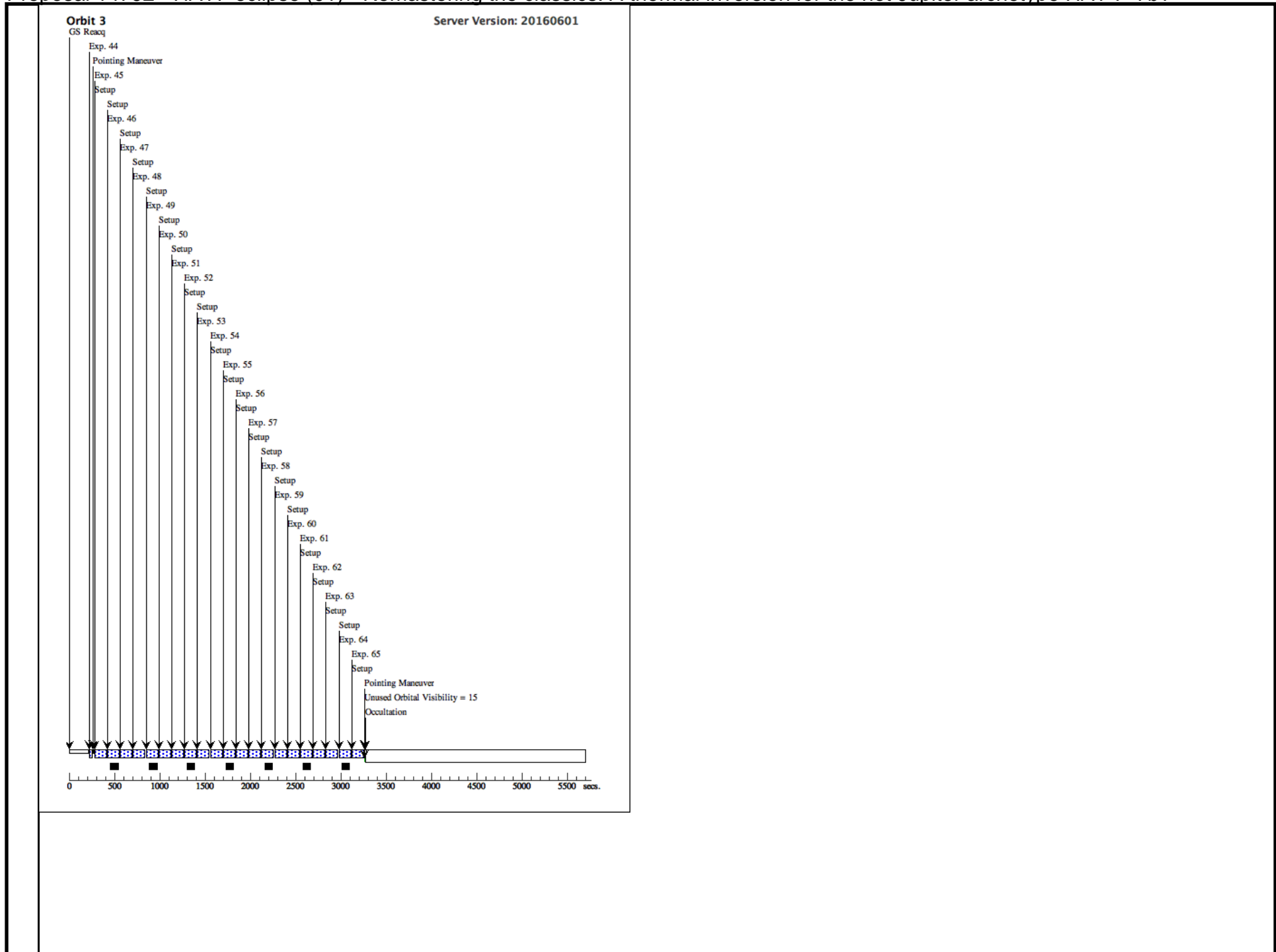
105	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
106	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
107	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
108	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]
109	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (01)	103.128633 Secs (103.129 Secs)	[==>]	[5]



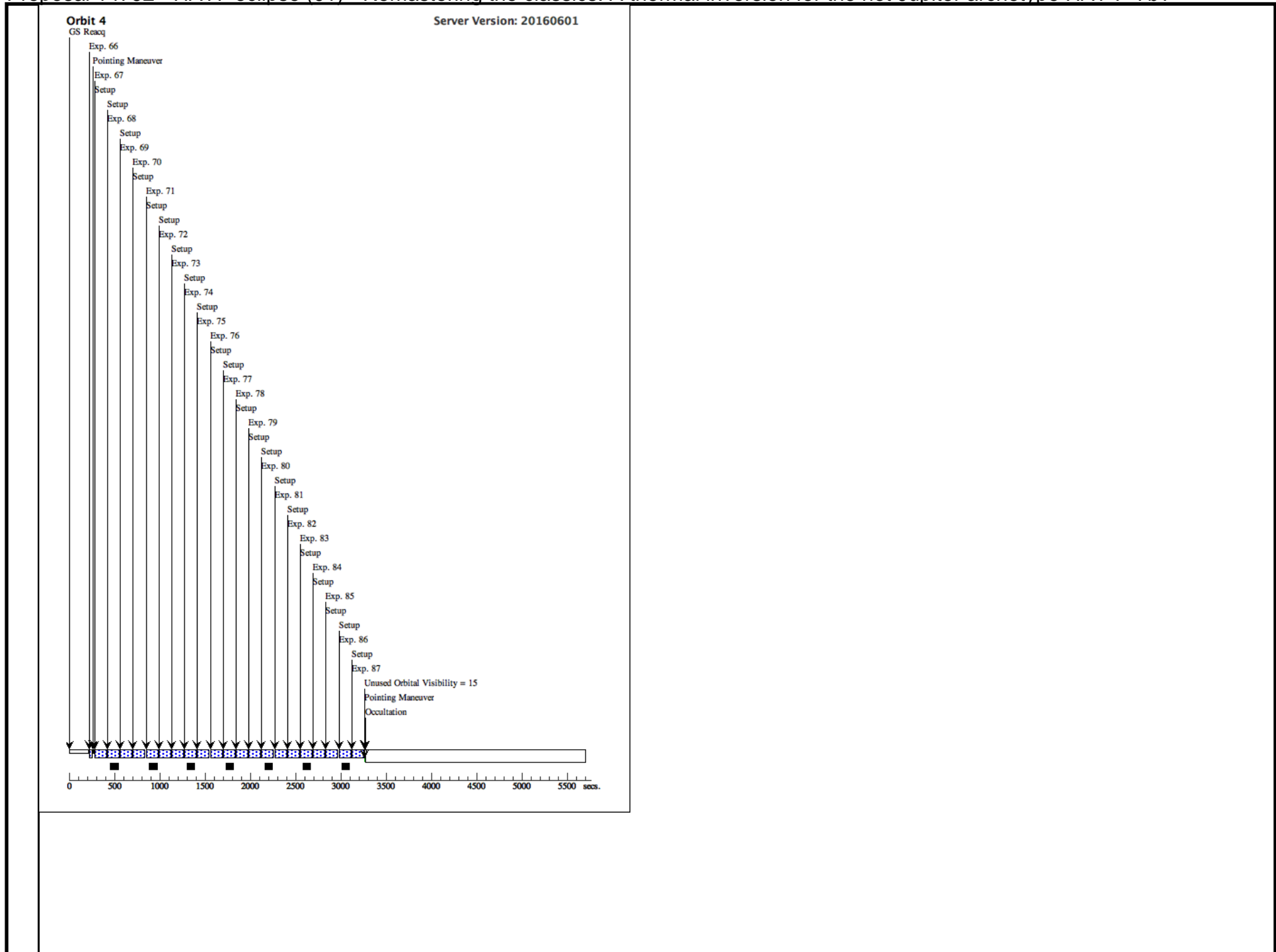
Proposal 14792 - HAT7-eclipse (01) - Remastering the classics: A thermal inversion for the hot Jupiter archetype HAT-P-7b?



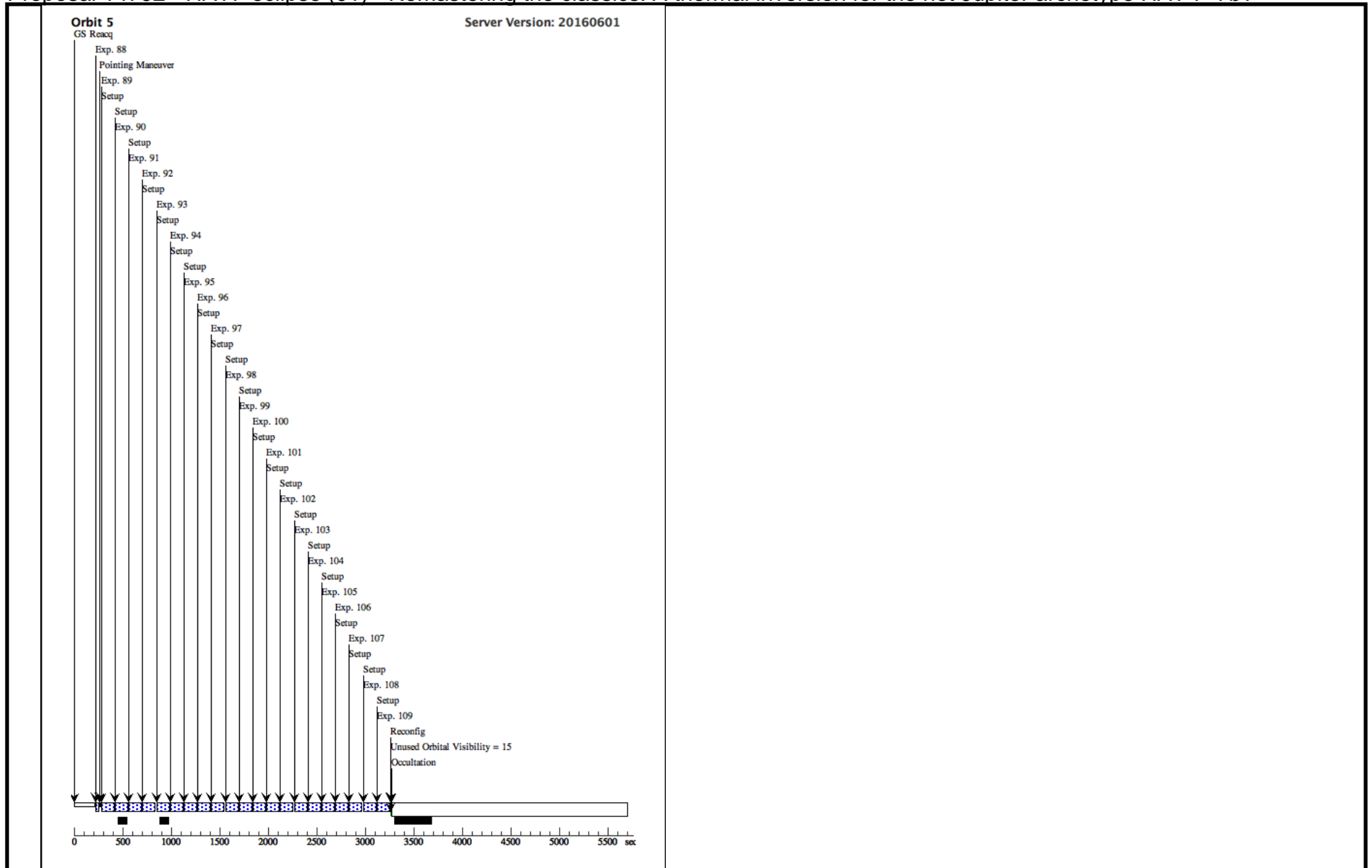
Proposal 14792 - HAT7-eclipse (01) - Remastering the classics: A thermal inversion for the hot Jupiter archetype HAT-P-7b?



Proposal 14792 - HAT7-eclipse (01) - Remastering the classics: A thermal inversion for the hot Jupiter archetype HAT-P-7b?



Proposal 14792 - HAT7-eclipse (01) - Remastering the classics: A thermal inversion for the hot Jupiter archetype HAT-P-7b?



Proposal 14792 - HAT7-eclipse (02) - Remastering the classics: A thermal inversion for the hot Jupiter archetype HAT-P-7b?

Visit	Proposal 14792, HAT7-eclipse (02) Fri Jul 29 19:44:41 GMT 2016 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: SCHED 40%; Period 2.2047372 D AND ZERO-PHASE HJD2454731.68039					
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
(1)		HAT-P-7	RA: 19 28 59.3616 (292.2473400d) Dec: +47 58 10.26 (47.96952d) Equinox: J2000	Proper Motion RA: -14.8 mas/yr Proper Motion Dec: 8.7 mas/yr Epoch of Position: 2000.0	V=10.48 H = 9.3	Reference Frame: SIMBAD
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>						

Proposal 14792 - HAT7-eclipse (02) - Remastering the classics: A thermal inversion for the hot Jupiter archetype HAT-P-7b?

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Image	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2	PHASE 0.41396338 TO 0.42026295	Sequence 1-21 Non-Int in HAT7-eclipse (02)	0.55563 Secs (0.556 Secs) [==>]	[1]
	2	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[1]
	3	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[1]
	4	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[1]
	5	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[1]
	6	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[1]
	7	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[1]
	8	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[1]
	9	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[1]
	10	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[1]
	11	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[1]
	12	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[1]
13	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[1]	

Proposal 14792 - HAT7-eclipse (02) - Remastering the classics: A thermal inversion for the hot Jupiter archetype HAT-P-7b?

14	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[1]
15	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[1]
16	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[1]
17	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[1]
18	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[1]
19	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[1]
20	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[1]
21	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 1-21 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[1]
22	Image	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2		Sequence 22-43 Non-Int in HAT7-eclipse (02)	0.55563 Secs (0.556 Secs)	[==>]	[2]
23	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[2]
24	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[2]
25	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[2]
26	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[2]

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27	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
28	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
29	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
30	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
31	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
32	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
33	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
34	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
35	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
36	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
37	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
38	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
39	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]

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40	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
41	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
42	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
43	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 22-43 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[2]
44	Image	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2		Sequence 44-65 Non-Int in HAT7-eclipse (02)	0.55563 Secs (0.556 Secs)	[3]
45	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
46	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
47	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
48	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
49	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
50	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
51	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
52	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]

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53	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
54	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
55	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
56	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
57	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
58	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
59	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
60	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
61	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
62	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
63	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
64	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]
65	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 44-65 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[3]

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66	Image	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2	Sequence 66-87 Non-Int in HAT7-eclipse (02)	0.55563 Secs (0.556 Secs) [==>]	[4]
67	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS POS TARG 0,0; NSAMP=15 SPATIAL SCAN 0,0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[4]
68	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS POS TARG 0,0; NSAMP=15 SPATIAL SCAN 0,0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[4]
69	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS POS TARG 0,0; NSAMP=15 SPATIAL SCAN 0,0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[4]
70	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS POS TARG 0,0; NSAMP=15 SPATIAL SCAN 0,0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[4]
71	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS POS TARG 0,0; NSAMP=15 SPATIAL SCAN 0,0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[4]
72	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS POS TARG 0,0; NSAMP=15 SPATIAL SCAN 0,0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[4]
73	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS POS TARG 0,0; NSAMP=15 SPATIAL SCAN 0,0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[4]
74	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS POS TARG 0,0; NSAMP=15 SPATIAL SCAN 0,0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[4]
75	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS POS TARG 0,0; NSAMP=15 SPATIAL SCAN 0,0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[4]
76	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS POS TARG 0,0; NSAMP=15 SPATIAL SCAN 0,0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[4]
77	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS POS TARG 0,0; NSAMP=15 SPATIAL SCAN 0,0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[4]
78	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS POS TARG 0,0; NSAMP=15 SPATIAL SCAN 0,0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs) [==>]	[4]

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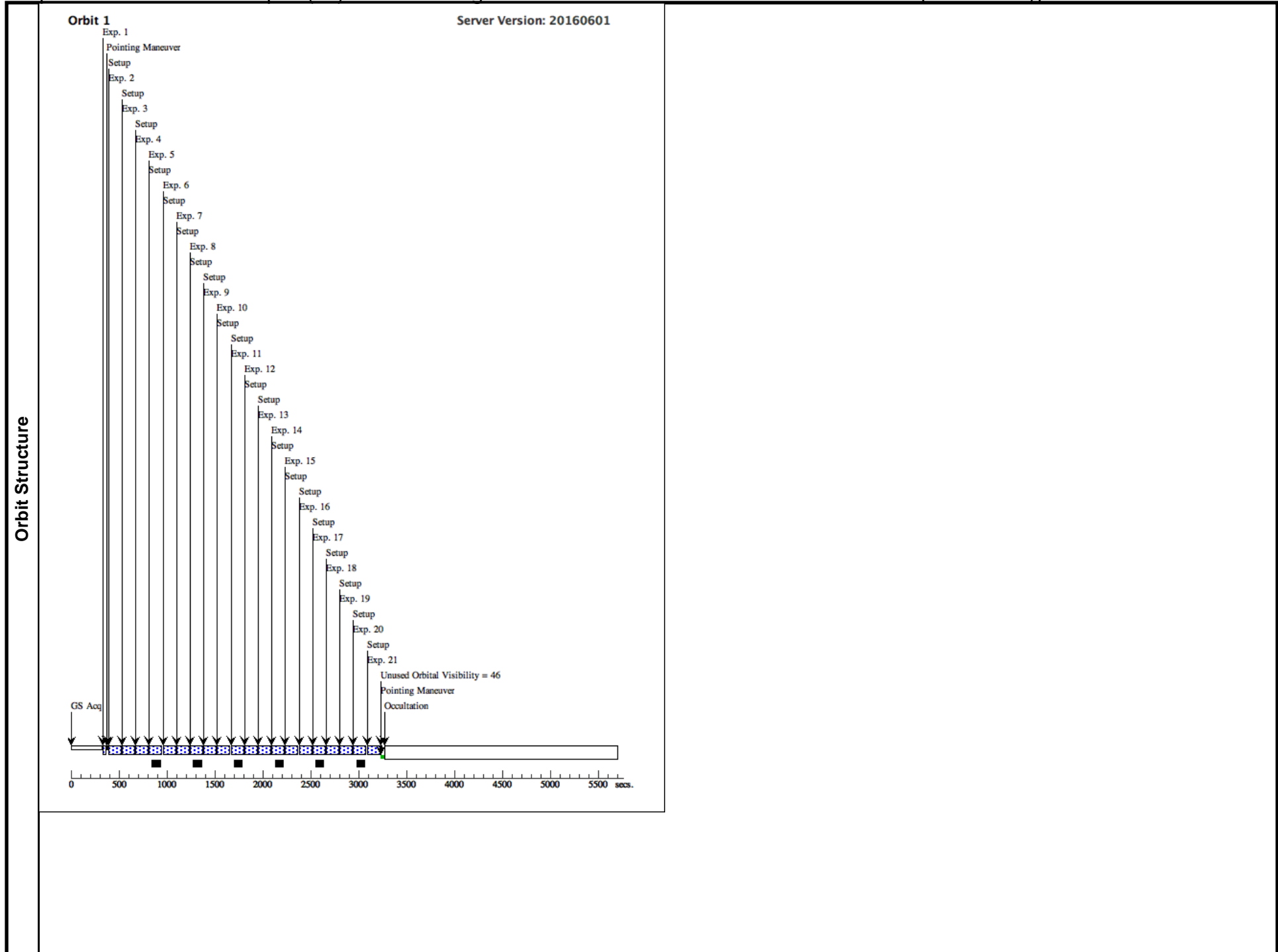
79	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[4]
80	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[4]
81	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[4]
82	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[4]
83	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[4]
84	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[4]
85	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[4]
86	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[4]
87	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 66-87 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[4]
88	Image	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	F126N	SAMP-SEQ=RAPID ; NSAMP=2		Sequence 88-109 Non-Int in HAT7-eclipse (02)	0.555633 Secs (0.556 Secs)	[==>]	[5]
89	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
90	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
91	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]

Proposal 14792 - HAT7-eclipse (02) - Remastering the classics: A thermal inversion for the hot Jupiter archetype HAT-P-7b?

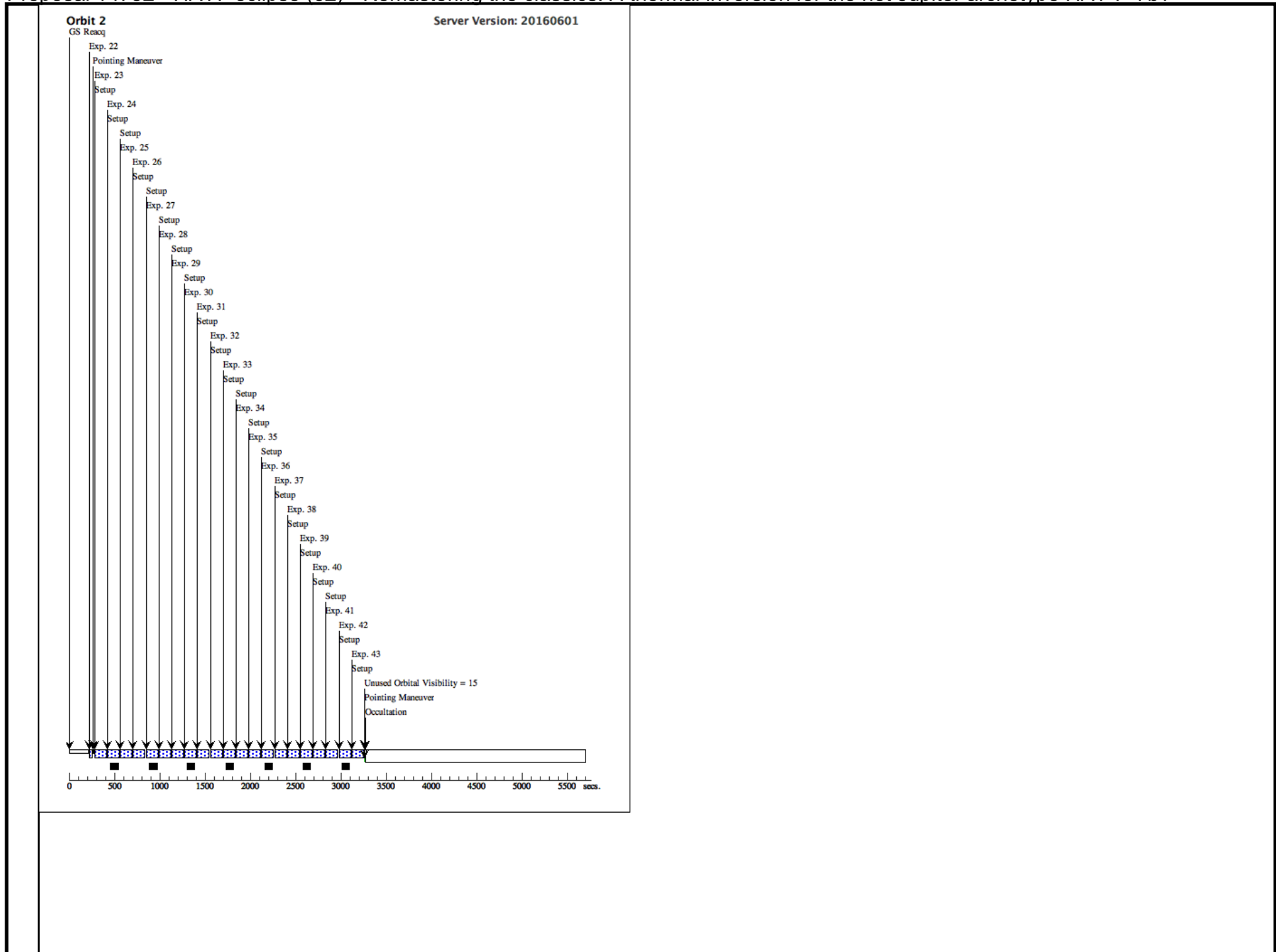
92	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
93	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
94	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
95	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
96	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
97	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
98	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
99	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
100	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
101	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
102	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
103	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
104	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]

Proposal 14792 - HAT7-eclipse (02) - Remastering the classics: A thermal inversion for the hot Jupiter archetype HAT-P-7b?

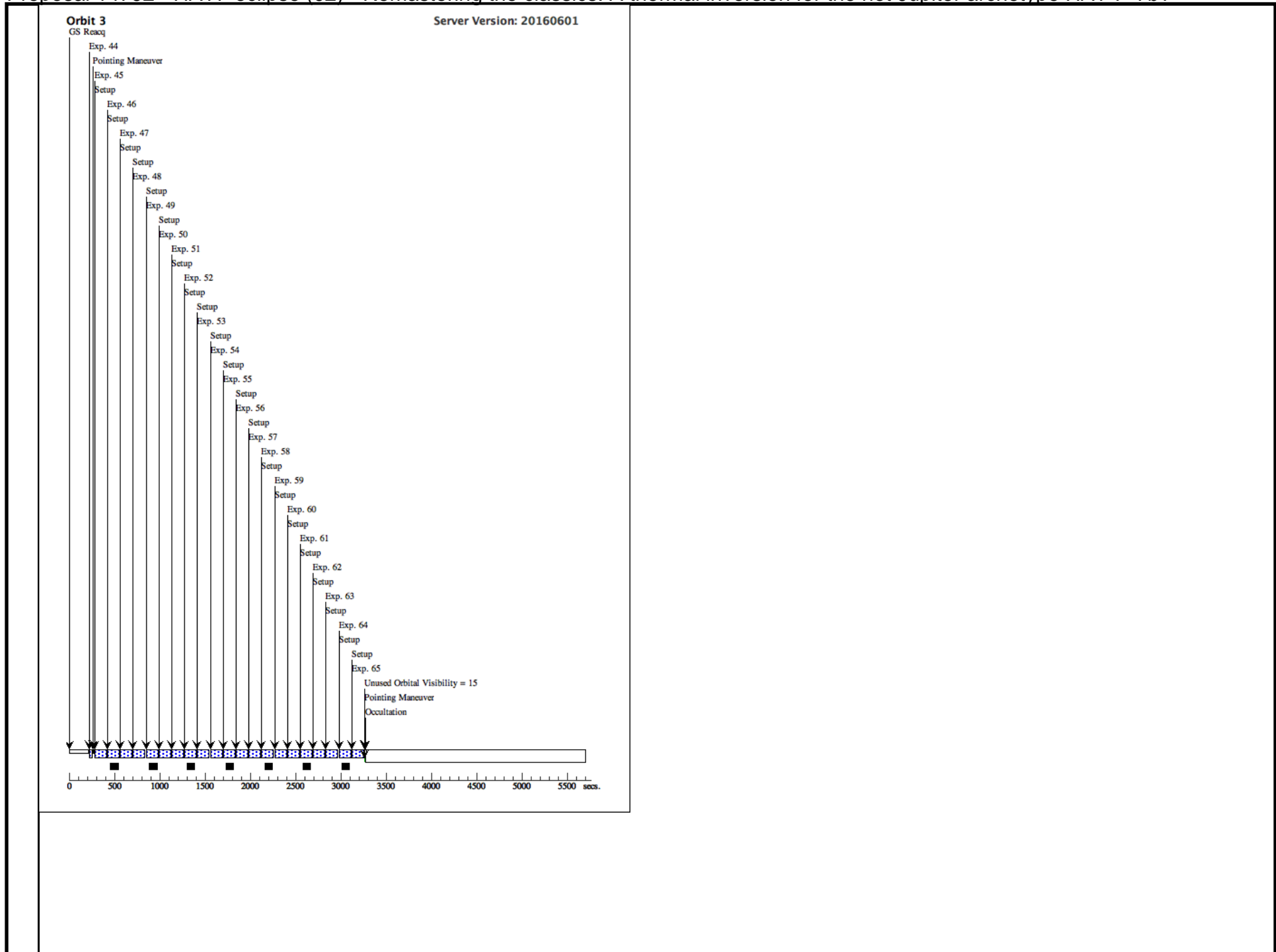
105	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
106	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
107	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
108	Reverse	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Reverse	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]
109	Forward	(1) HAT-P-7	WFC3/IR, MULTIACCUM, GRISM256	G141	SAMP-SEQ=SPARS 10; NSAMP=15	POS TARG 0,0; SPATIAL SCAN 0.0 8,90.0 Degrees,Forward	Sequence 88-109 Non-Int in HAT7-eclipse (02)	103.128633 Secs (103.129 Secs)	[==>]	[5]



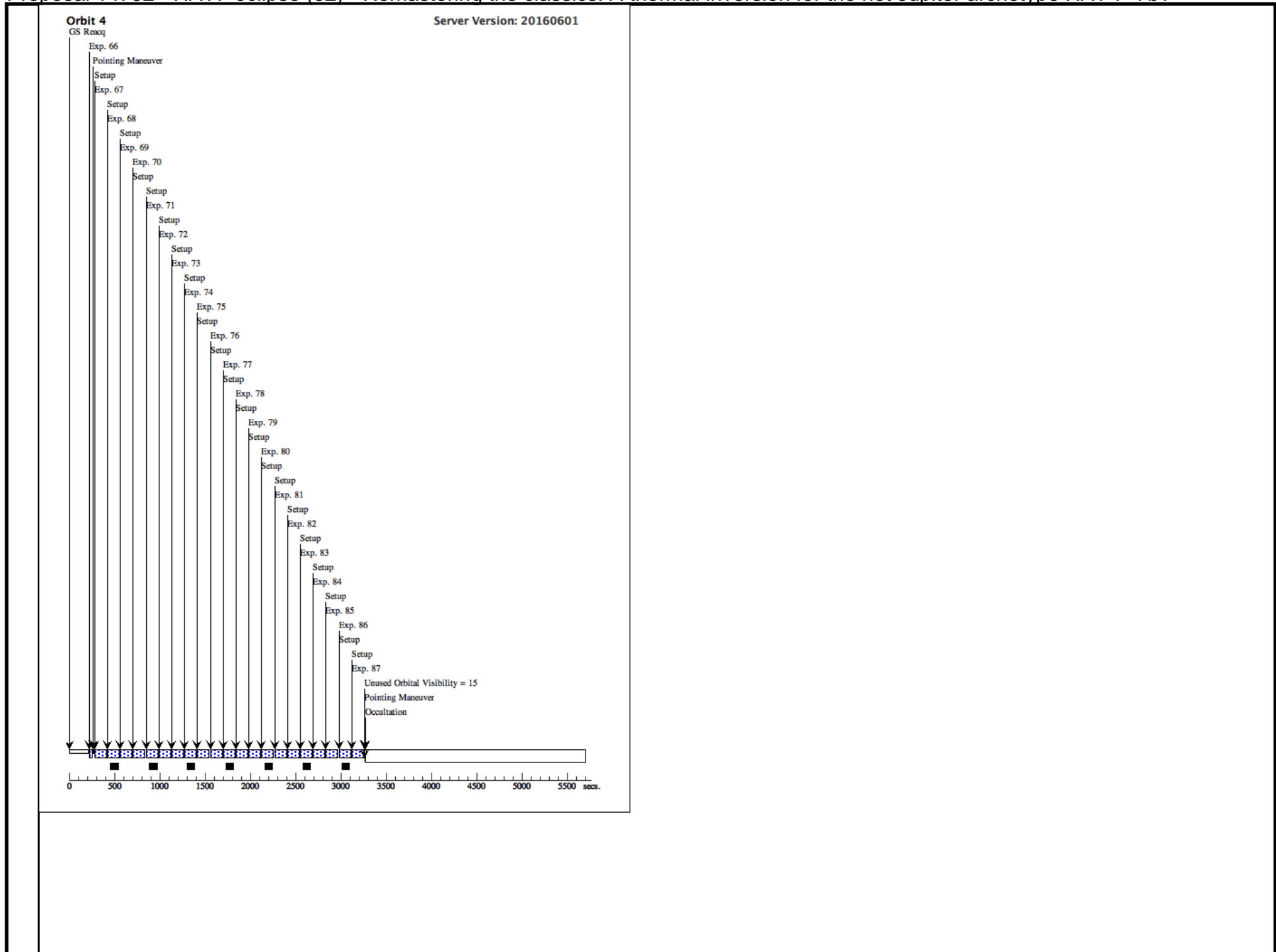
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