



16928 - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Cycle: 29, Proposal Category: GO

(Pure Parallel)

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>
Dr. RL Beaton (PI) (Contact)	Princeton University
Prof. Wendy L. Freedman (CoI)	University of Chicago
Dr. Barry F. Madore (CoI)	Carnegie Institution of Washington
Dr. Julianne Dalcanton (CoI)	University of Washington
Meredith Durbin (CoI) (Contact)	University of Washington
Taylor Hoyt (CoI)	Lawrence Berkeley National Laboratory
Dr. Jillian R Neeley (CoI)	Florida Atlantic University
Dr. David Nidever (CoI)	Montana State University - Bozeman
Dr. Andrew Monson (CoI)	University of Arizona
Dr. Jeffrey Austin Sterling Rich Jr. (CoI)	Carnegie Institution of Washington
Dr. Mark Seibert (CoI)	Carnegie Institution of Washington

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	ANY	WFC3/IR	1	15-Mar-2023 12:23:35.0	yes
02	ANY	WFC3/IR	1	15-Mar-2023 12:23:36.0	yes
19	ANY	WFC3/IR	1	15-Mar-2023 12:23:36.0	yes
03	ANY	WFC3/IR	1	15-Mar-2023 12:23:37.0	yes
04	ANY	WFC3/IR	1	15-Mar-2023 12:23:37.0	yes

Proposal 16928 (STScI Edit Number: 3, Created: Wednesday, March 15, 2023 at 11:23:55 AM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
18	ANY	WFC3/IR	1	15-Mar-2023 12:23:38.0	yes
05	ANY	WFC3/IR	1	15-Mar-2023 12:23:38.0	yes
06	ANY	WFC3/IR	1	15-Mar-2023 12:23:39.0	yes
07	ANY	WFC3/IR	1	15-Mar-2023 12:23:39.0	yes
08	ANY	WFC3/IR	1	15-Mar-2023 12:23:40.0	yes
09	ANY	WFC3/IR	1	15-Mar-2023 12:23:41.0	yes
10	ANY	WFC3/IR	1	15-Mar-2023 12:23:41.0	yes
11	ANY	WFC3/IR	1	15-Mar-2023 12:23:42.0	yes
12	ANY	WFC3/IR	1	15-Mar-2023 12:23:42.0	yes
22	ANY	WFC3/IR	1	15-Mar-2023 12:23:43.0	yes
13	ANY	WFC3/IR	1	15-Mar-2023 12:23:43.0	yes
14	ANY	WFC3/IR	1	15-Mar-2023 12:23:44.0	yes
15	ANY	WFC3/IR	1	15-Mar-2023 12:23:45.0	yes
16	ANY	WFC3/IR	1	15-Mar-2023 12:23:45.0	yes
17	ANY	WFC3/IR	1	15-Mar-2023 12:23:46.0	yes
20	ANY	WFC3/IR	1	15-Mar-2023 12:23:46.0	yes
21	ANY	WFC3/IR	1	15-Mar-2023 12:23:47.0	yes
23	ANY	WFC3/IR	1	15-Mar-2023 12:23:47.0	yes
24	ANY	WFC3/IR	1	15-Mar-2023 12:23:48.0	yes
25	ANY	WFC3/IR	1	15-Mar-2023 12:23:48.0	yes
26	ANY	WFC3/IR	1	15-Mar-2023 12:23:49.0	yes
27	ANY	WFC3/IR	1	15-Mar-2023 12:23:50.0	yes
28	ANY	WFC3/IR	1	15-Mar-2023 12:23:50.0	yes
29	ANY	WFC3/IR	1	15-Mar-2023 12:23:51.0	yes
30	ANY	WFC3/IR	1	15-Mar-2023 12:23:52.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
31	ANY	WFC3/IR	1	15-Mar-2023 12:23:52.0	yes
32	ANY	WFC3/IR	1	15-Mar-2023 12:23:53.0	yes
33	ANY	WFC3/IR	1	15-Mar-2023 12:23:53.0	yes
34	ANY	WFC3/IR	1	15-Mar-2023 12:23:54.0	yes
35	ANY	WFC3/IR	1	15-Mar-2023 12:23:54.0	yes
36	ANY	WFC3/IR	1	15-Mar-2023 12:23:55.0	yes

36 Total Orbits Used

ABSTRACT

The tension in the value of the Hubble constant as derived from the distance scale in the local universe and modeled from the anisotropies in the Cosmic Microwave Background continues to grow. While theoretical reasons for the tension are being explored, determining if systematics within rungs of the distance scale is the cause of the tension requires the use of independent techniques. Of late the tip of the red giant branch (TRGB) has provided a key test of the calibration of type supernova Ia by Cepheids and has not yet revealed a systematic effect at this stage. Another concern is both expanding the Supernova Ia calibration sample, itself, and expanding the sample beyond star-forming hosts due to variance in the supernova with host properties. The TRGB applied in the infrared is poised to be a powerful tool to probe ever larger volumes and reach a wider set of supernova Ia hosts. However, anchoring the IR-TRGB is challenging because the two primary systems, the Milky Way and the Large Magellanic Cloud, only have observations in the 2MASS filter system. Comparison of IR-TRGB calibrations from the ground suggests that there are strong differences between the WFC3/IR and 2MASS filter system that are hard to reconcile at distance-ladder required precision. Here pure parallel orbits in Large and Small Magellanic Cloud are proposed to produce a robust filter-calibration to secure the foundation for the IR-TRGB distance scale. The proposal uses a combination of IR imaging and spectroscopy to enable a broader set of calibrations for other facilities where the IR-TRGB can be applied.

OBSERVING DESCRIPTION

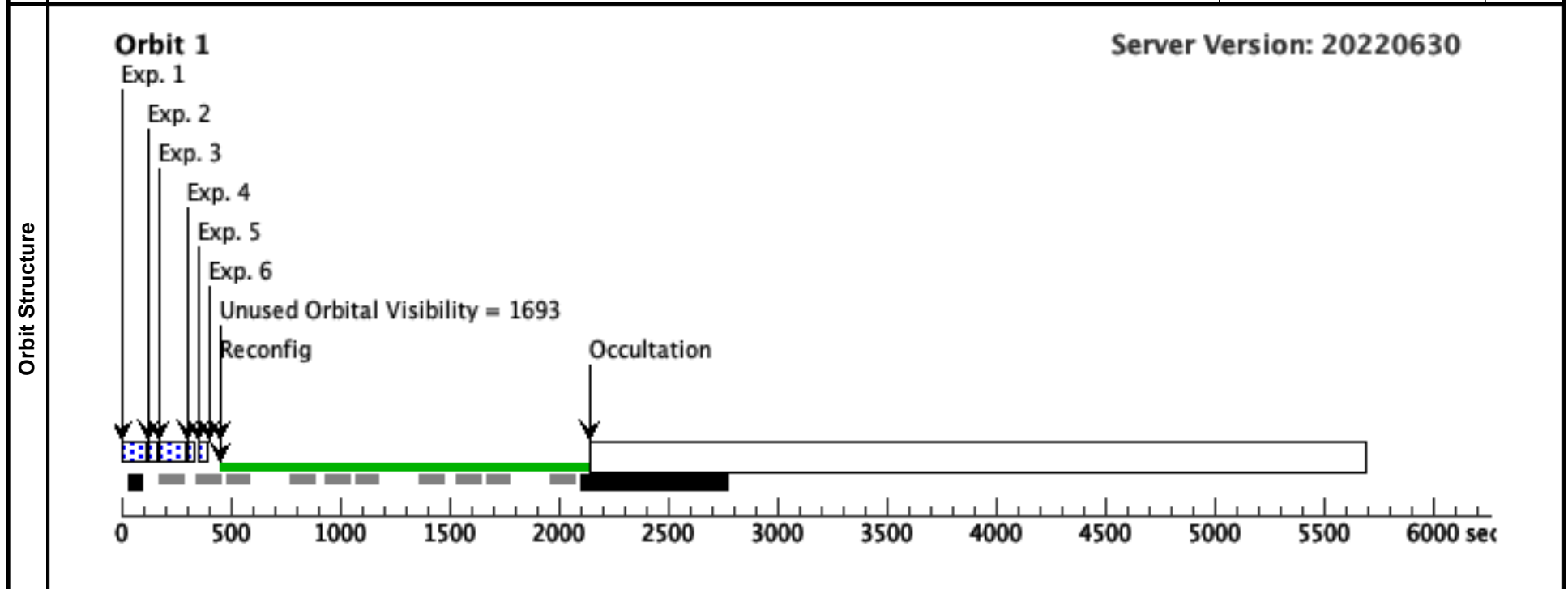
This proposal observes with WFC3/IR in pure parallel mode. It will attempt to obtain 3-band photometry using the shortest exposures possible and 2-grisms for a set of fields in the LMC and SMC. The observations will have multiple reads to help with random errors and multi-visit fields will be used to constrain systematic errors. The specifications of MULTIACCUM are set to keep the targets from saturating and, if possible, minimize the

Proposal 16928 (STScI Edit Number: 3, Created: Wednesday, March 15, 2023 at 11:23:55 AM Eastern Standard Time) - Overview
systematics due to persistence and non-linearity.

Proposal 16928 - Visit 01 (SK183 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:55 GMT 2023

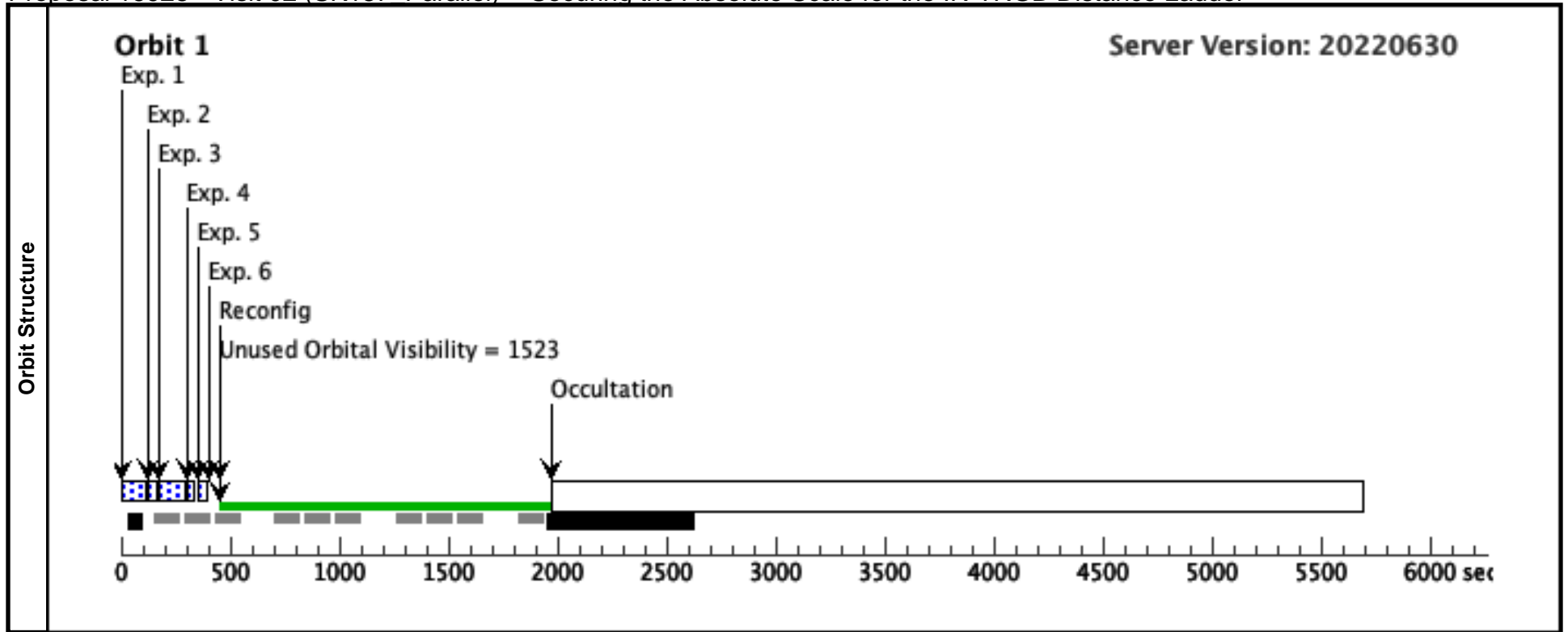
Visit	Proposal 16928, Visit 01, completed									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR										
Special Requirements: (none)										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs)	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs)	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs)	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs)	[?]



Proposal 16928 - Visit 02 (SK187 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

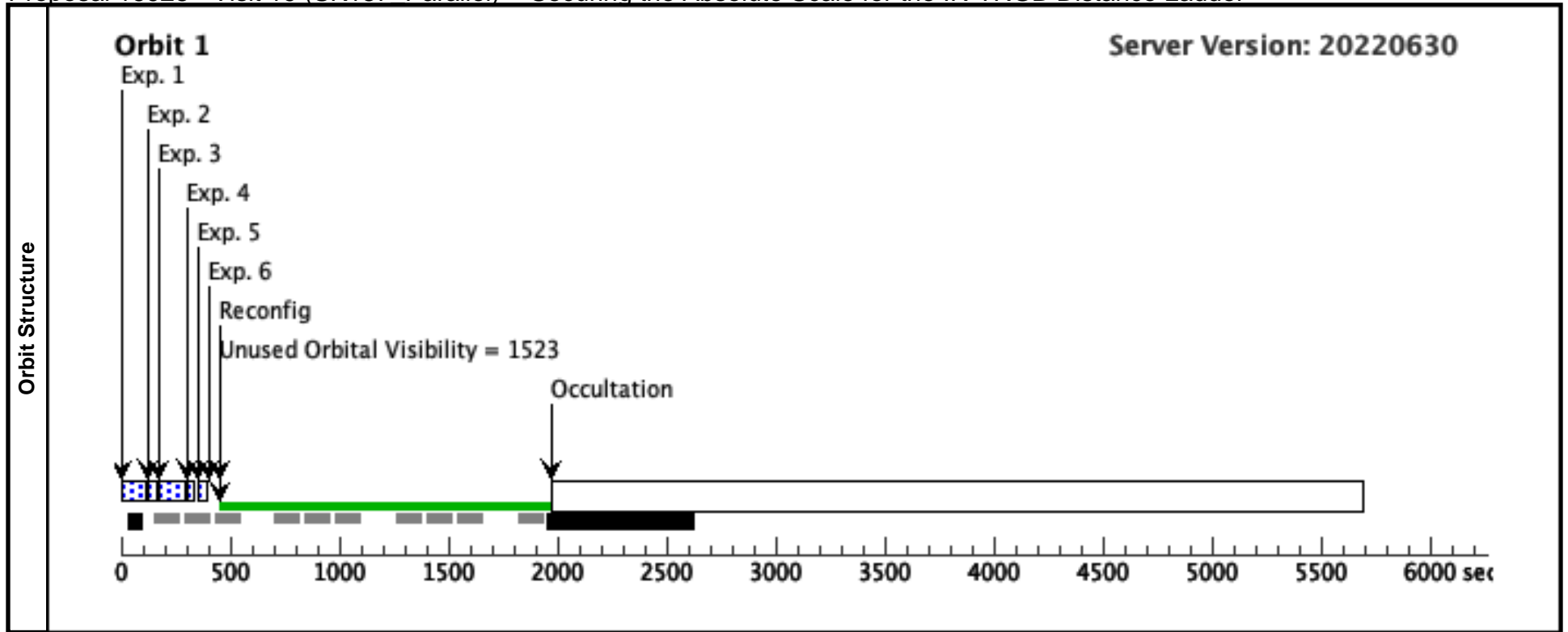
Visit	Proposal 16928, Visit 02, failed									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR										
Special Requirements: (none)										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs)	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs)	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs)	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs)	[?]



Proposal 16928 - Visit 19 (SK187 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

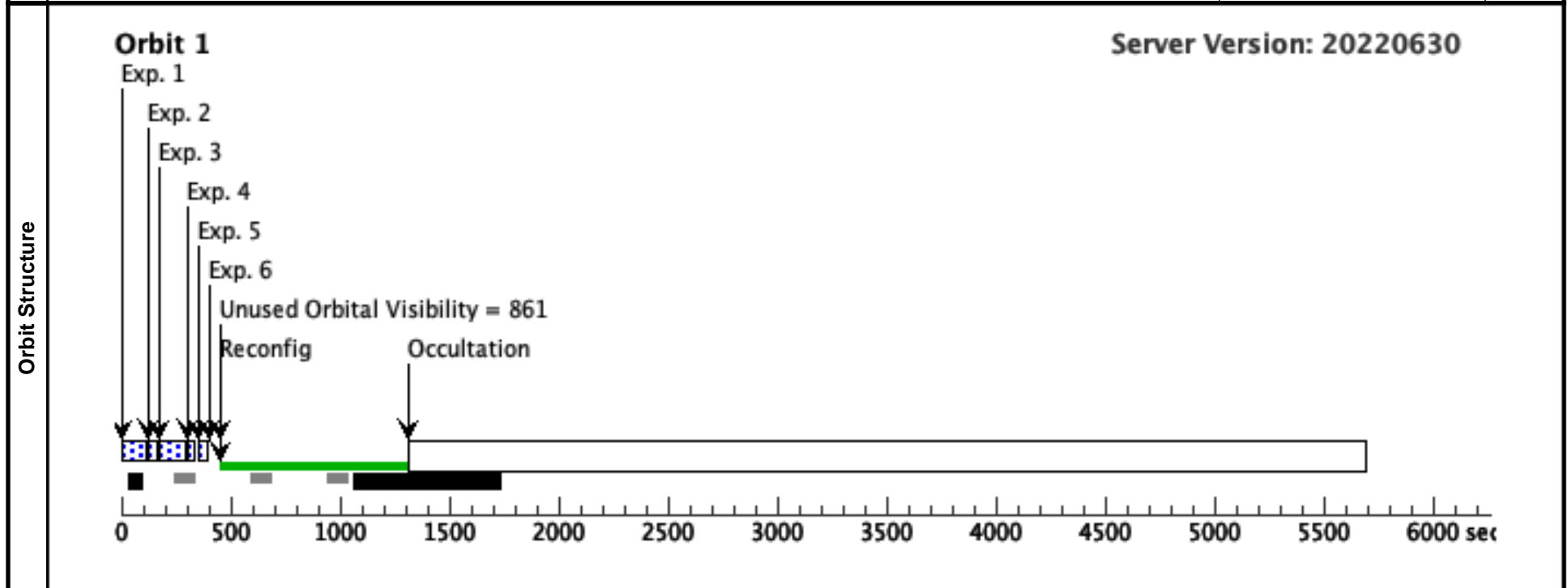
Visit	Proposal 16928, Visit 19, completed										
	Diagnostic Status: No Diagnostics										
Scientific Instruments: WFC3/IR											
Special Requirements: (none)											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25				77.933836 Secs (77.934 Secs)	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID				20.526037 Secs (20.526 Secs)	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25				102.934351 Secs (102.934 Secs)	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID				20.526037 Secs (20.526 Secs)	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10				12.933254 Secs (12.933 Secs)	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID				14.661455 Secs (14.661 Secs)	[?]



Proposal 16928 - Visit 03 (SK-66D17 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

Visit	Proposal 16928, Visit 03, completed									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR										
Special Requirements: (none)										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs)	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs)	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs)	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs)	[?]

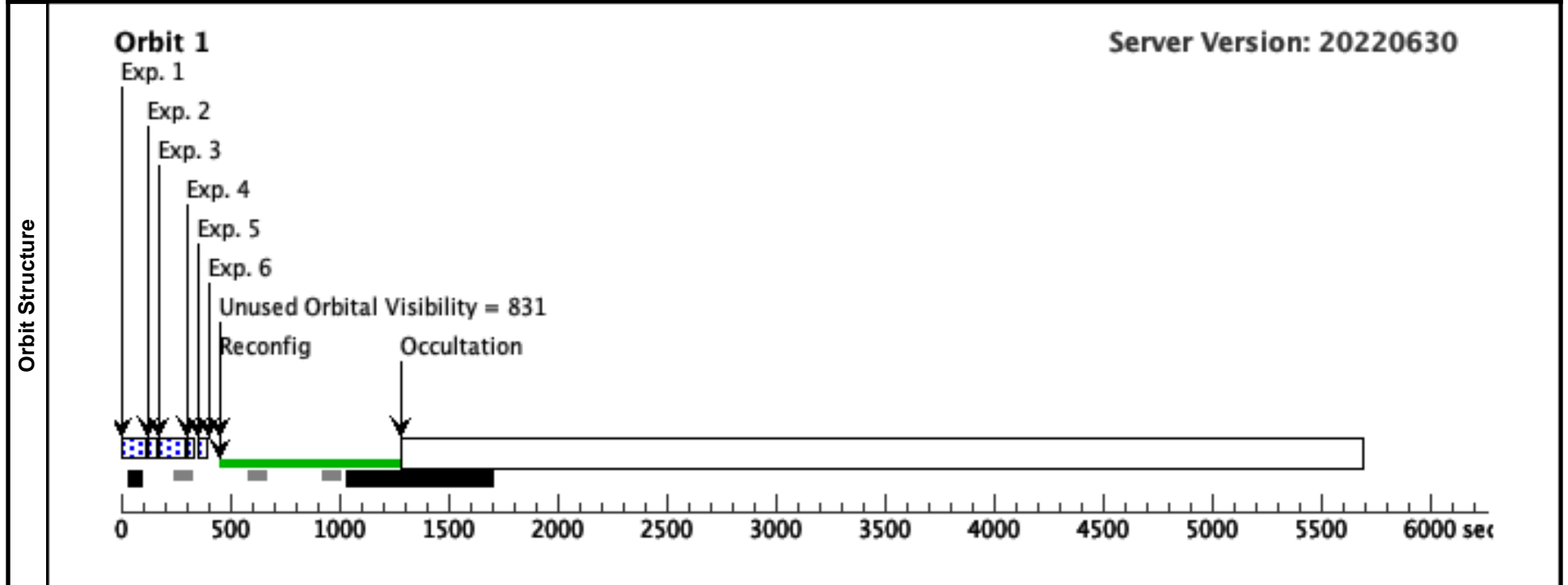


Proposal 16928 - Visit 04 (SK-66D178 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

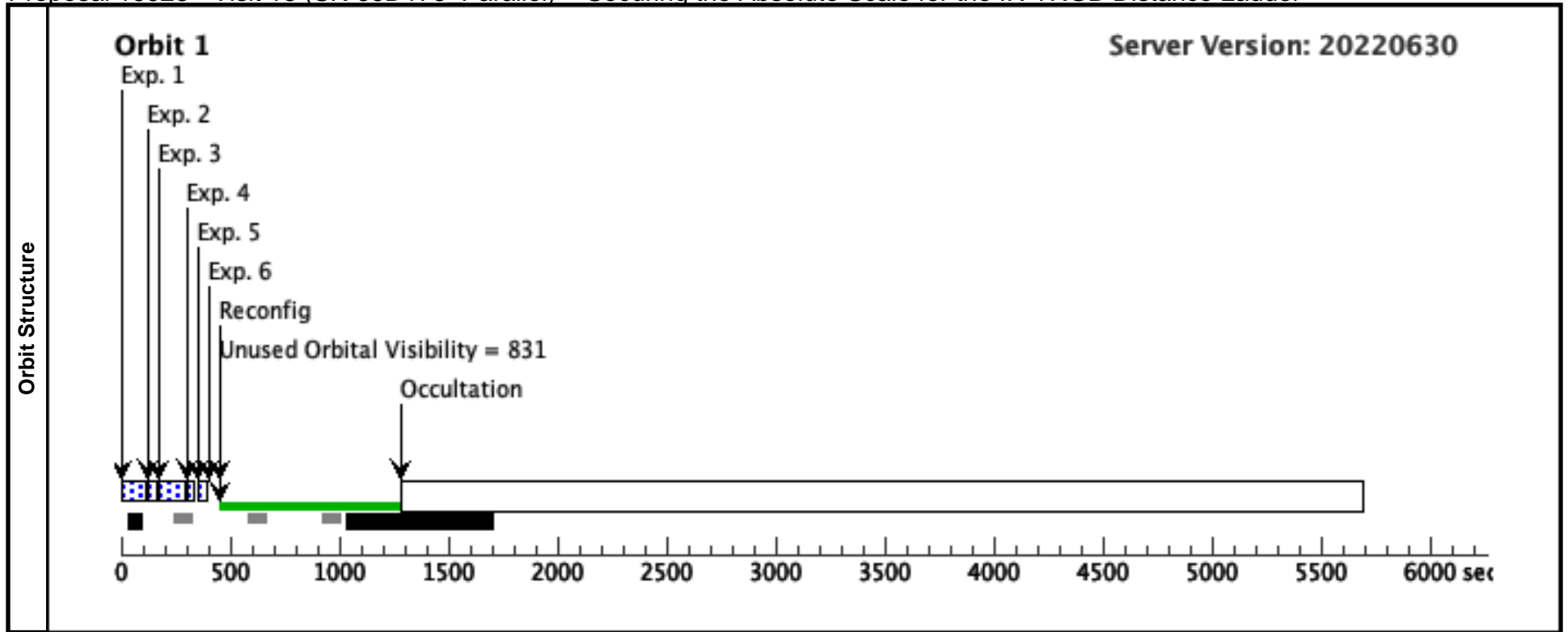
Visit	Proposal 16928, Visit 04, withdrawn									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Visit 18 (SK-66D178 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

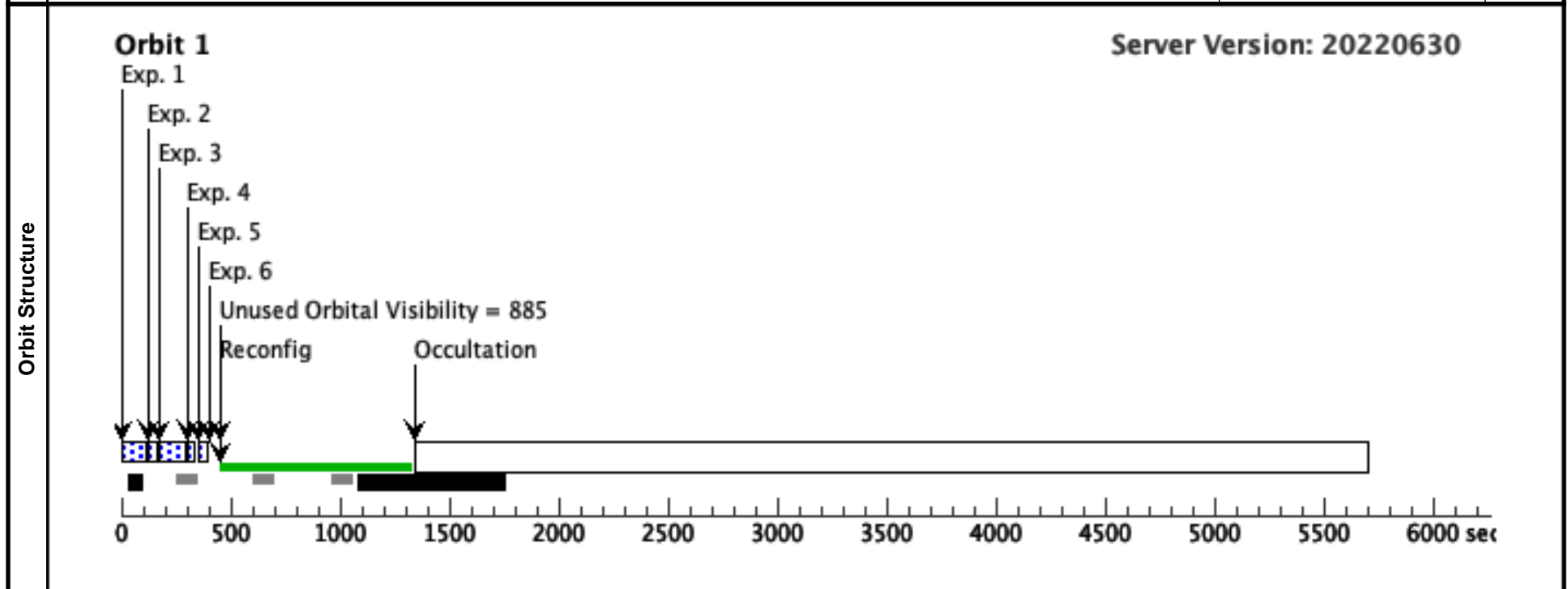
Visit	Proposal 16928, Visit 18, completed Wed Mar 15 16:23:56 GMT 2023 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: Duplicate of Visit 04									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Visit 05 (SK-71D35 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

Visit	Proposal 16928, Visit 05, completed									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR										
Special Requirements: (none)										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs)	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs)	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs)	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs)	[?]

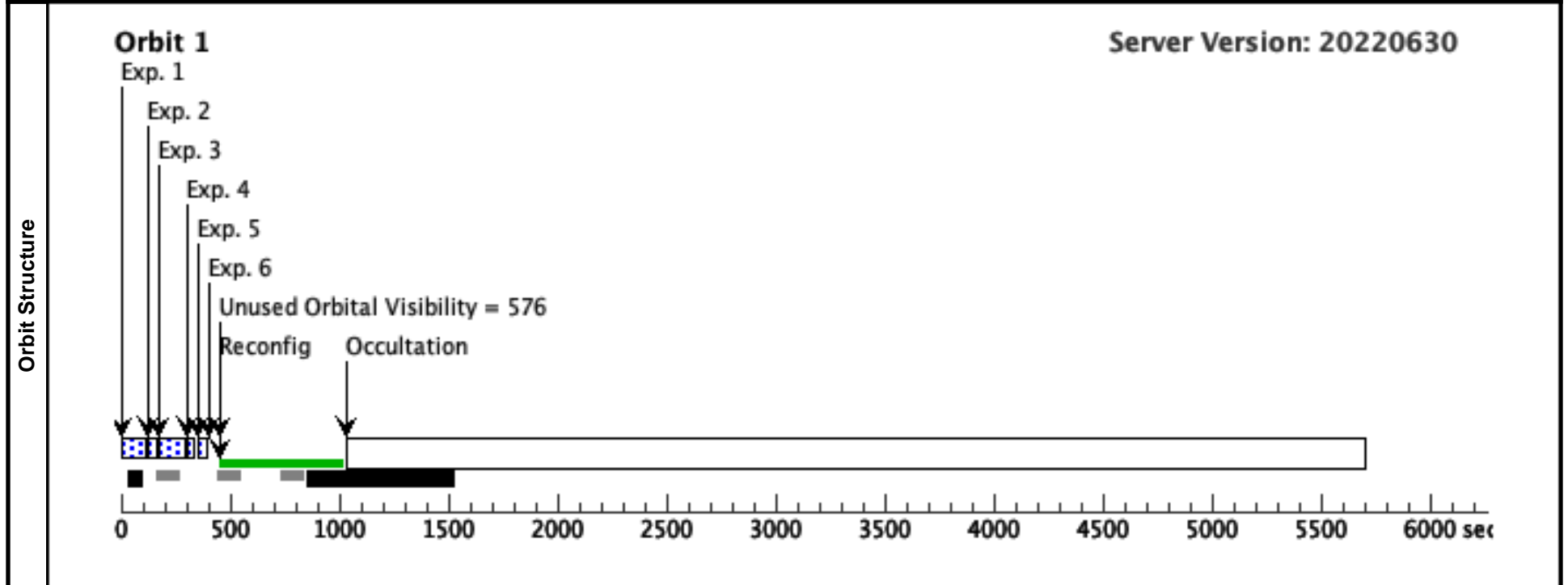


Proposal 16928 - Visit 06 (SK-67D78 1C Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

Visit	Proposal 16928, Visit 06, completed									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]

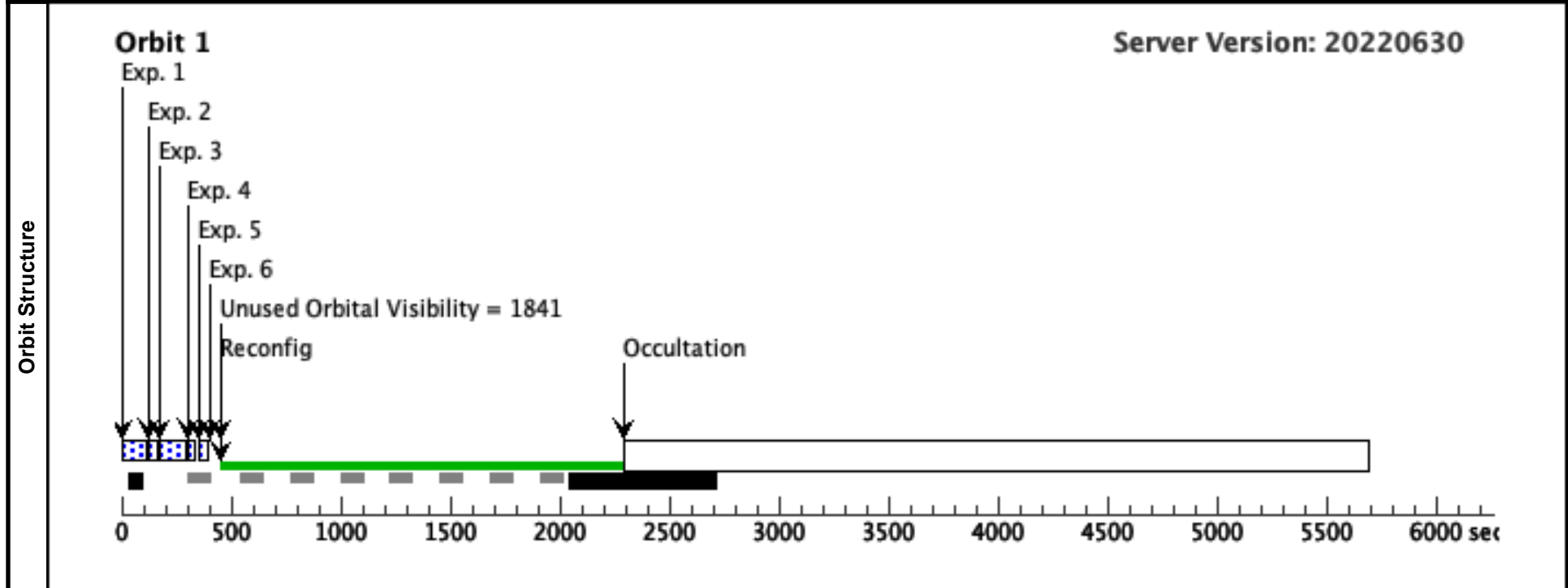


Proposal 16928 - Visit 07 (SK-67D78 1S Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

Visit	Proposal 16928, Visit 07, completed									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]

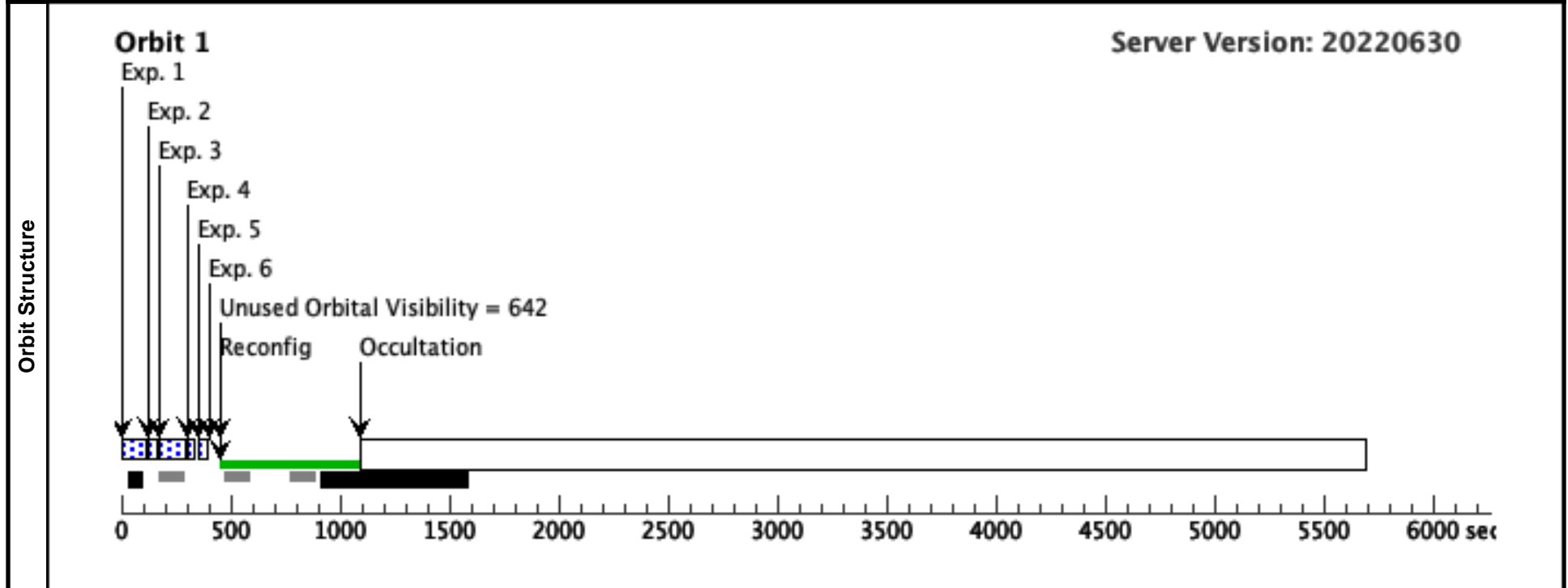


Proposal 16928 - Visit 08 (SK-69D52 2C Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

Visit	Proposal 16928, Visit 08, completed									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]

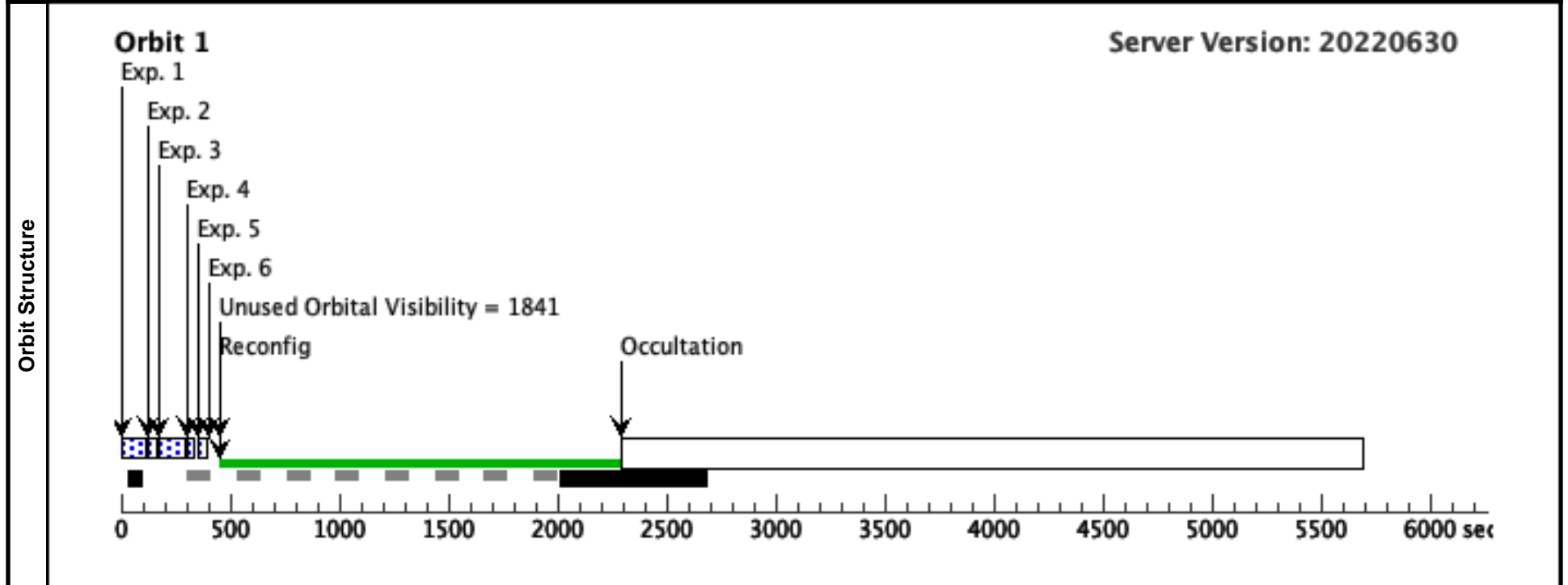


Proposal 16928 - Visit 09 (SK-69D52 2S Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

Visit	Proposal 16928, Visit 09, completed									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]

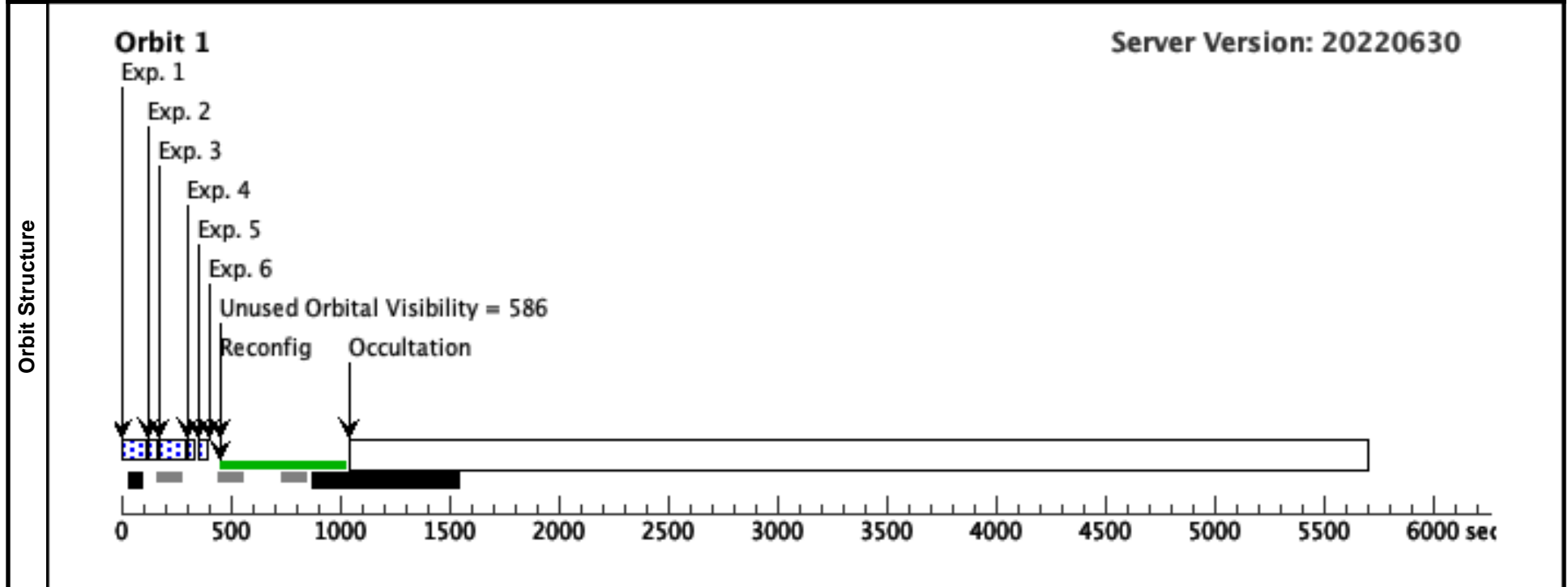


Proposal 16928 - Visit 10 (SK-70D50 3C Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

Visit	Proposal 16928, Visit 10, completed									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									

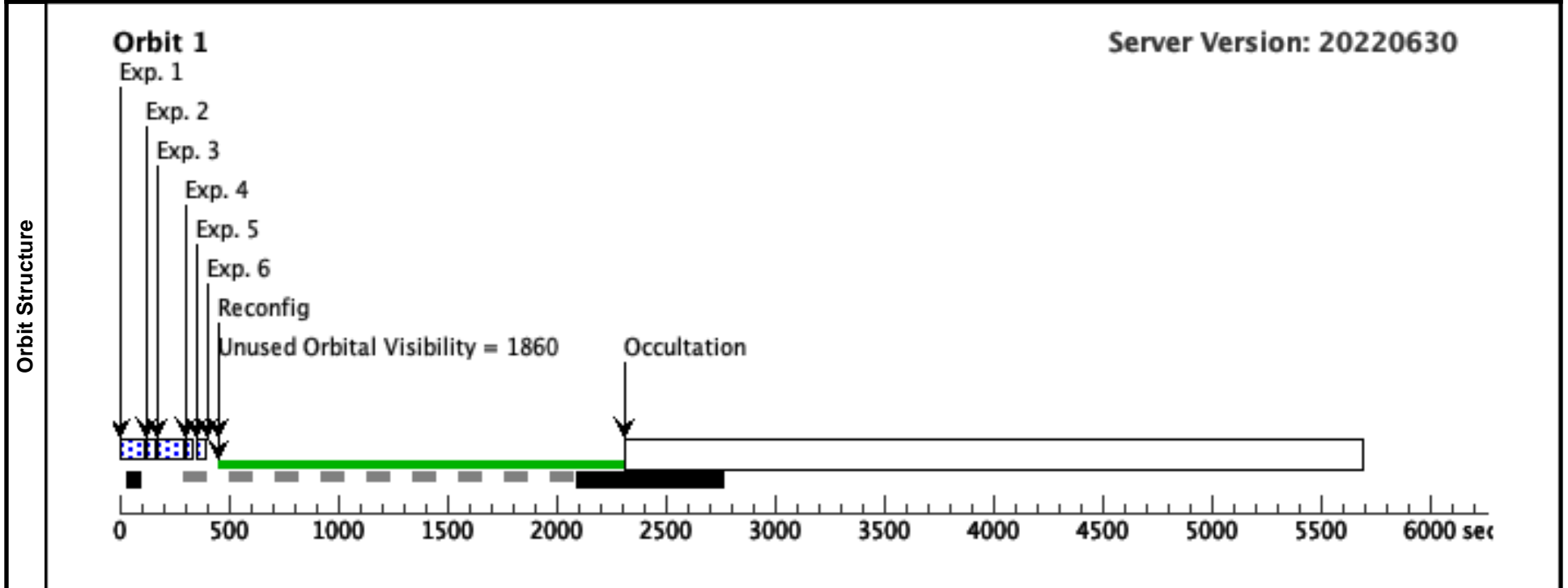
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Visit 11 (SK-70D50 3S Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

Visit	Proposal 16928, Visit 11, completed									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR										
Special Requirements: (none)										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs)	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs)	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs)	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs)	[?]

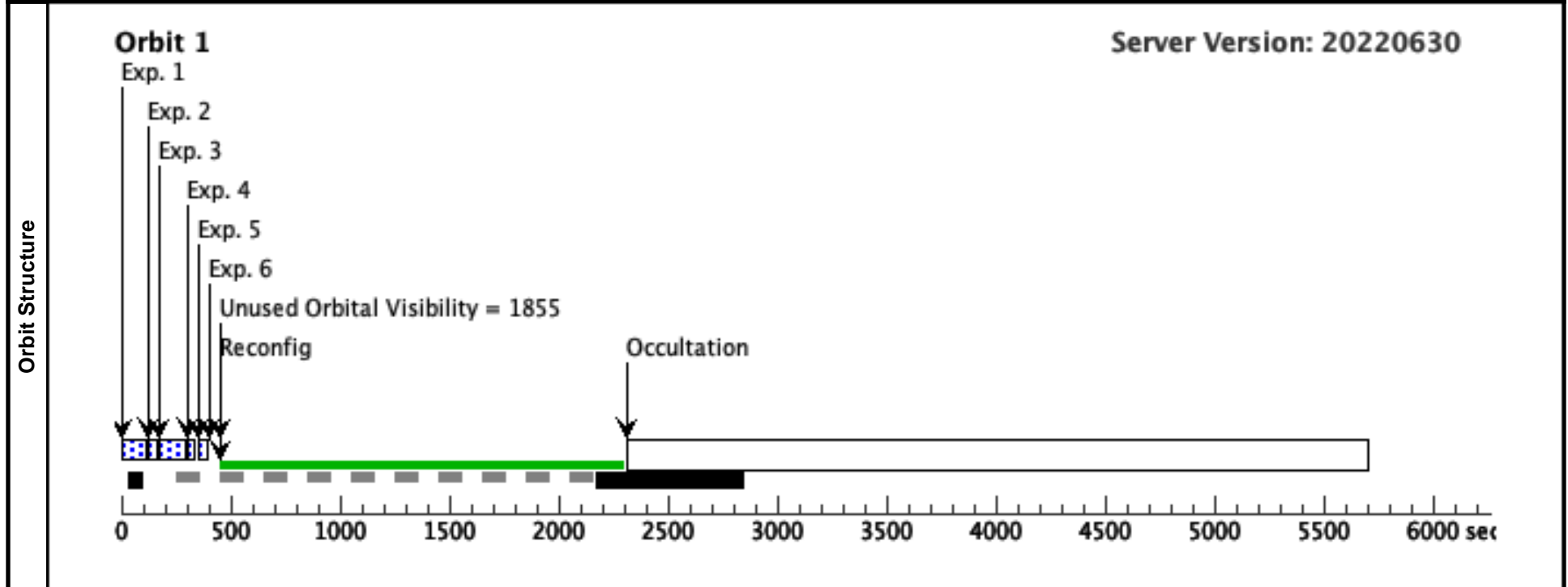


Proposal 16928 - Visit 12 (NGC346-MPG-435 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

Visit	Proposal 16928, Visit 12, failed									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]

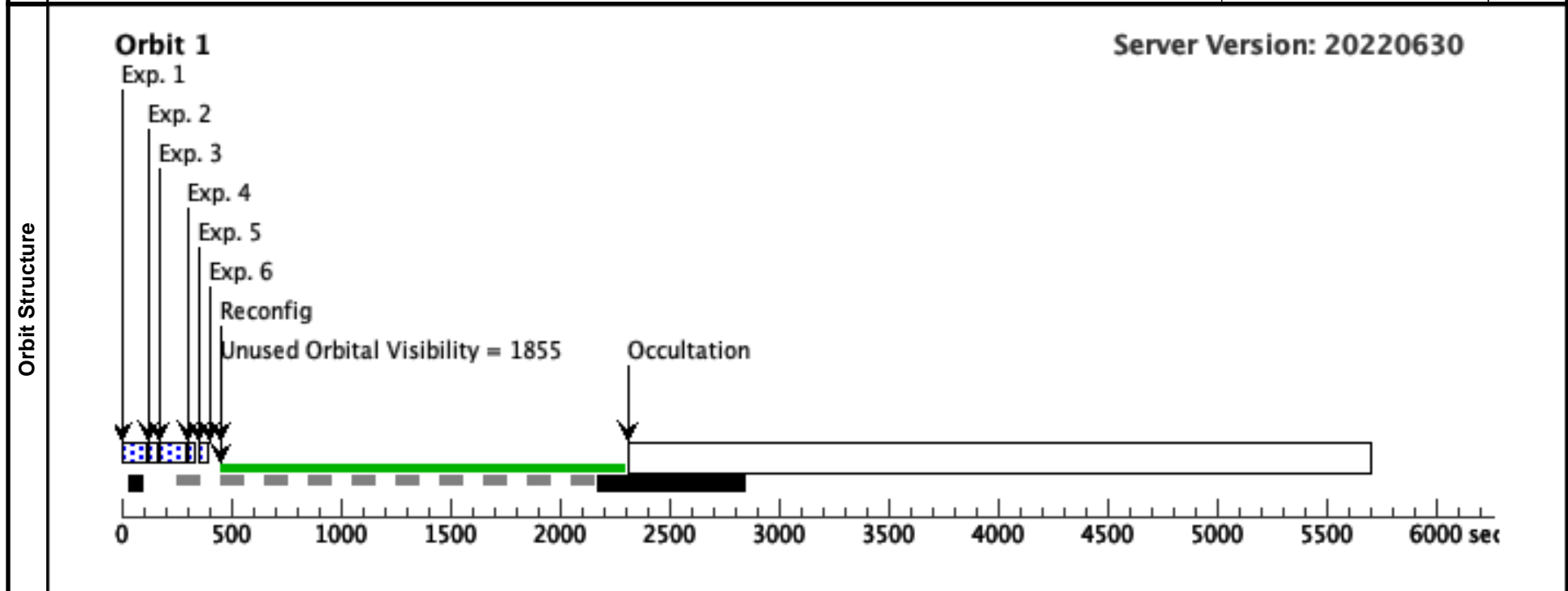


Proposal 16928 - Visit 22 (NGC346-MPG-435 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

Visit	Proposal 16928, Visit 22, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: Repeat of Visit 12								

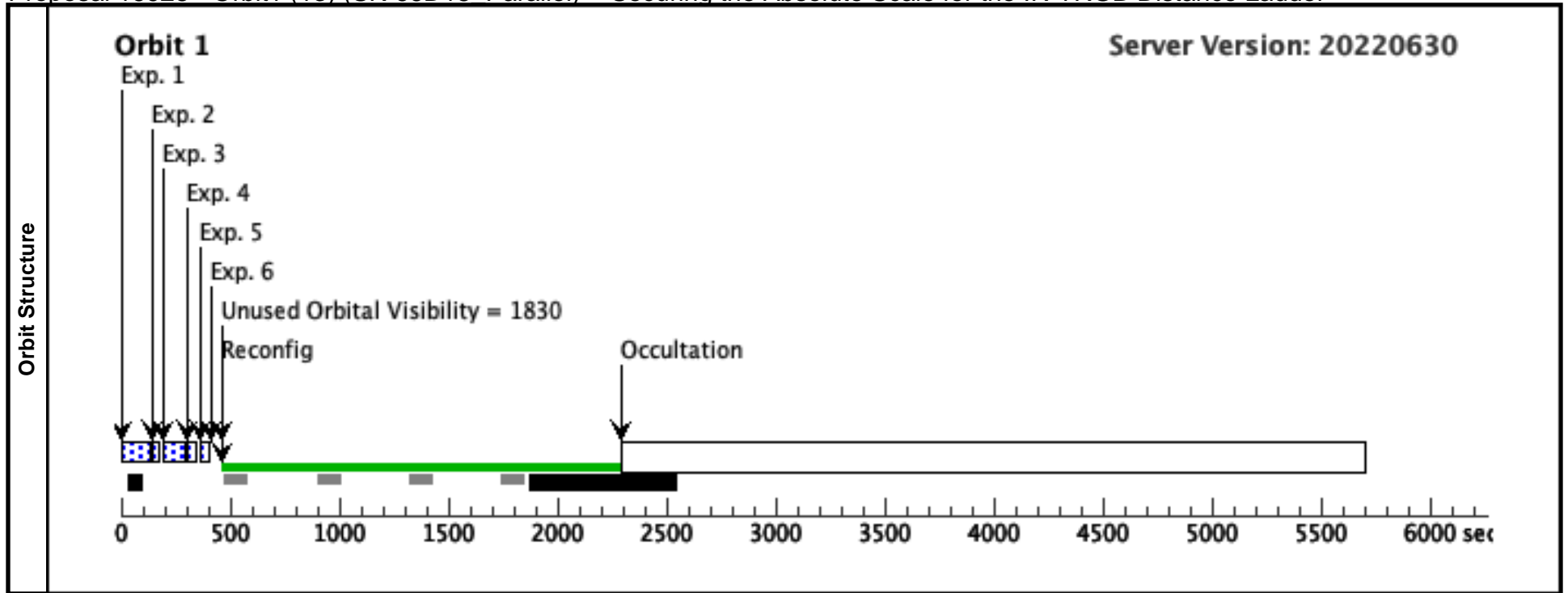
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Orbit1 (13) (SK-66D18 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

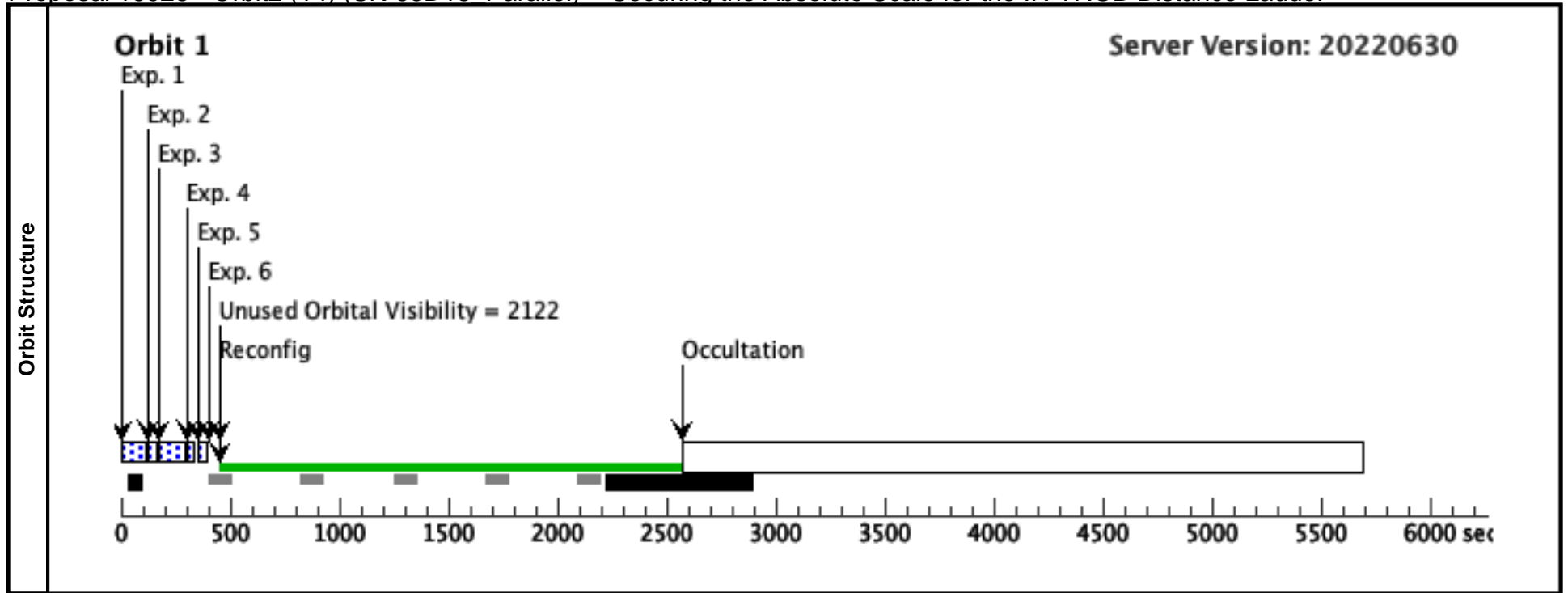
Visit	Proposal 16928, Orbit1 (13), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: This orbit is broken into 5 exposures that sum up to 30 full frame reads. This means that the buffer can hold the data until the end and dump once the primary is complete. The F110W (wJ_img) is the most likely to be saturated and thus it comes last.									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	2	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	4	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Orbit2 (14) (SK-66D18 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

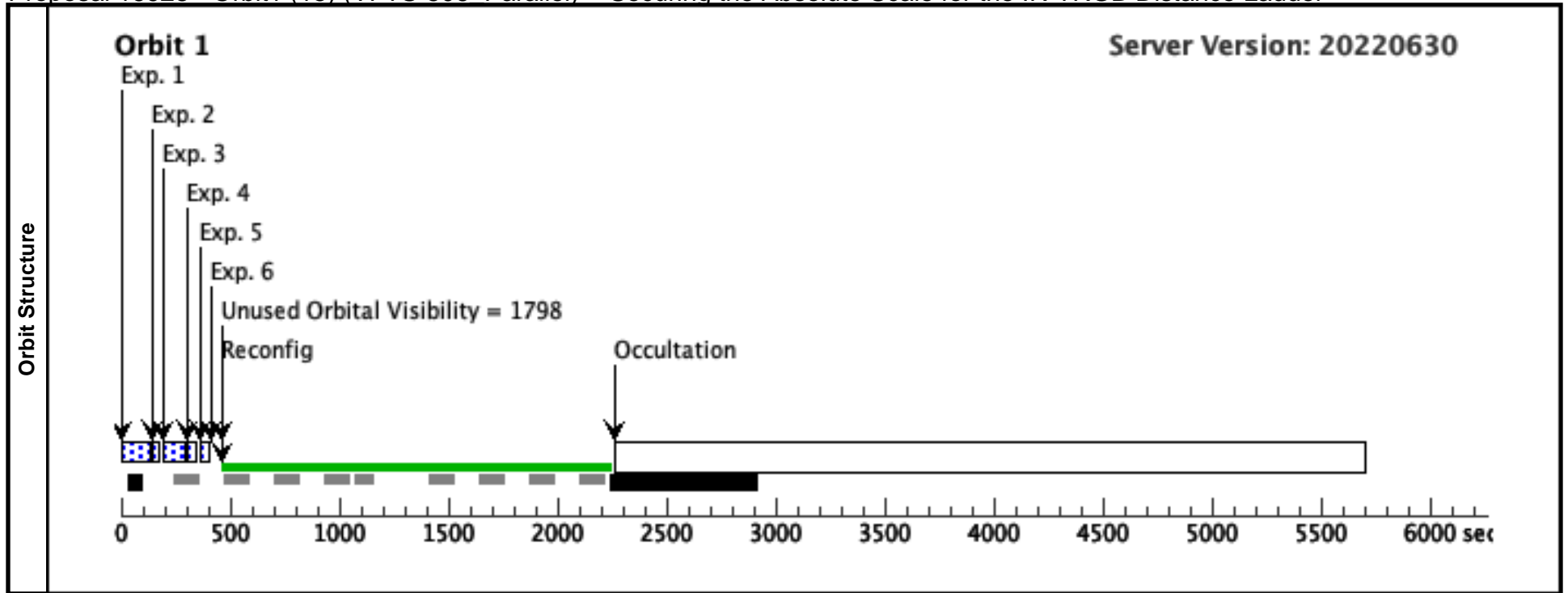
Visit	Proposal 16928, Orbit2 (14), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: This orbit is broken into 5 exposures that sum up to 30 full frame reads. This means that the buffer can hold the data until the end and dump once the primary is complete. The F110W (wJ_img) is the most likely to be saturated and thus it comes last.									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Orbit1 (15) (VFTS-506 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

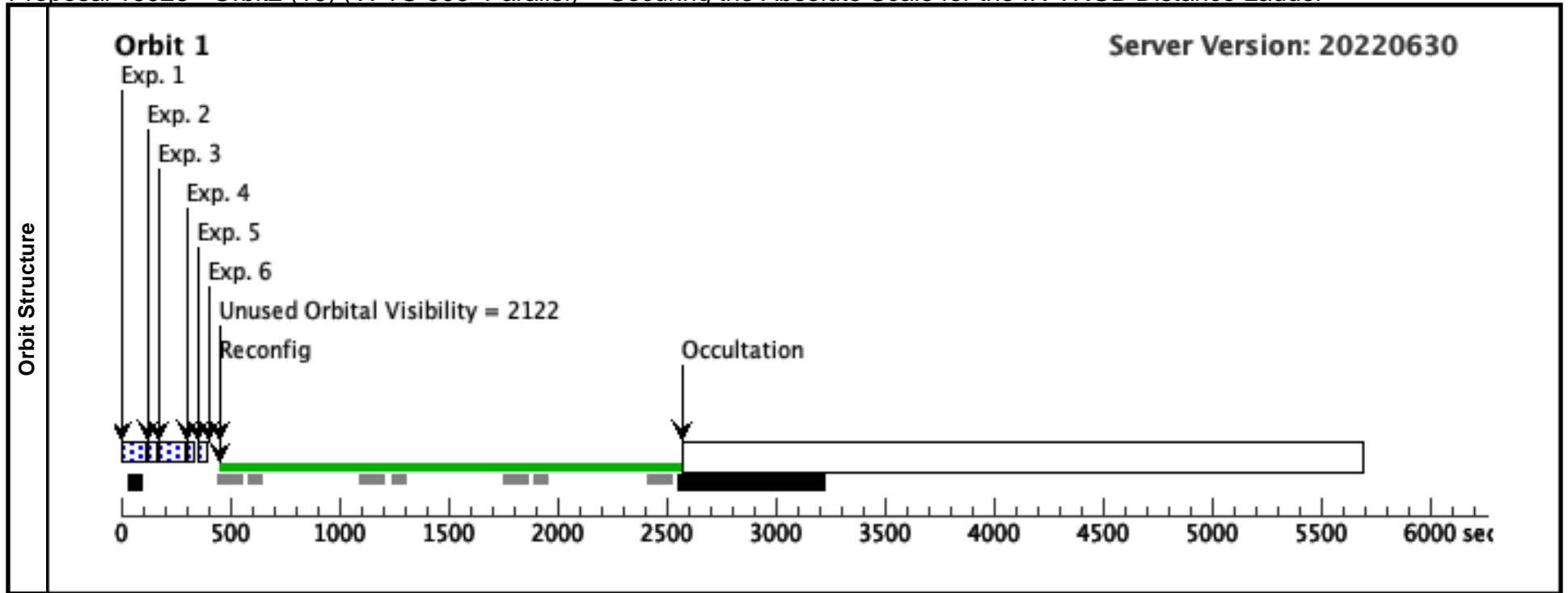
Visit	Proposal 16928, Orbit1 (15), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: This orbit is broken into 5 exposures that sum up to 30 full frame reads. This means that the buffer can hold the data until the end and dump once the primary is complete. The F110W (wJ_img) is the most likely to be saturated and thus it comes last.									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	2	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	4	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Orbit2 (16) (VFTS-506 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

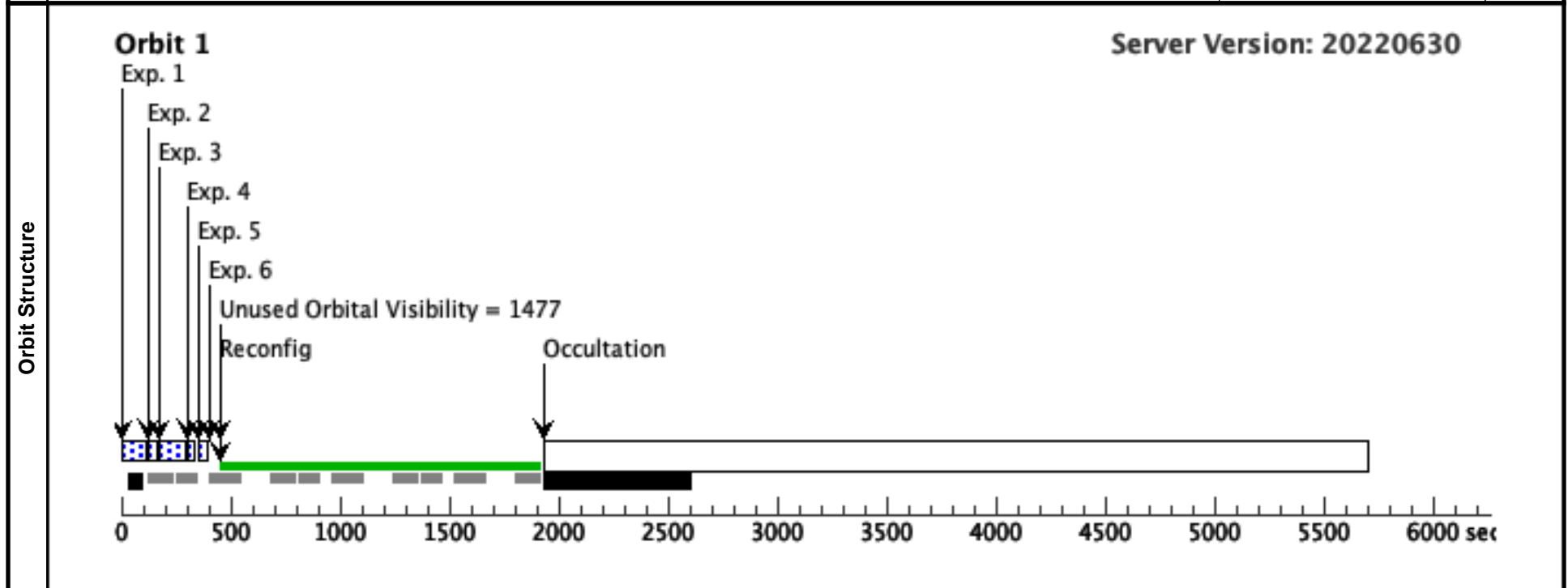
Visit	Proposal 16928, Orbit2 (16), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: This orbit is broken into 5 exposures that sum up to 30 full frame reads. This means that the buffer can hold the data until the end and dump once the primary is complete. The F110W (wJ_img) is the most likely to be saturated and thus it comes last.									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Visit 17 (SK-71D45 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

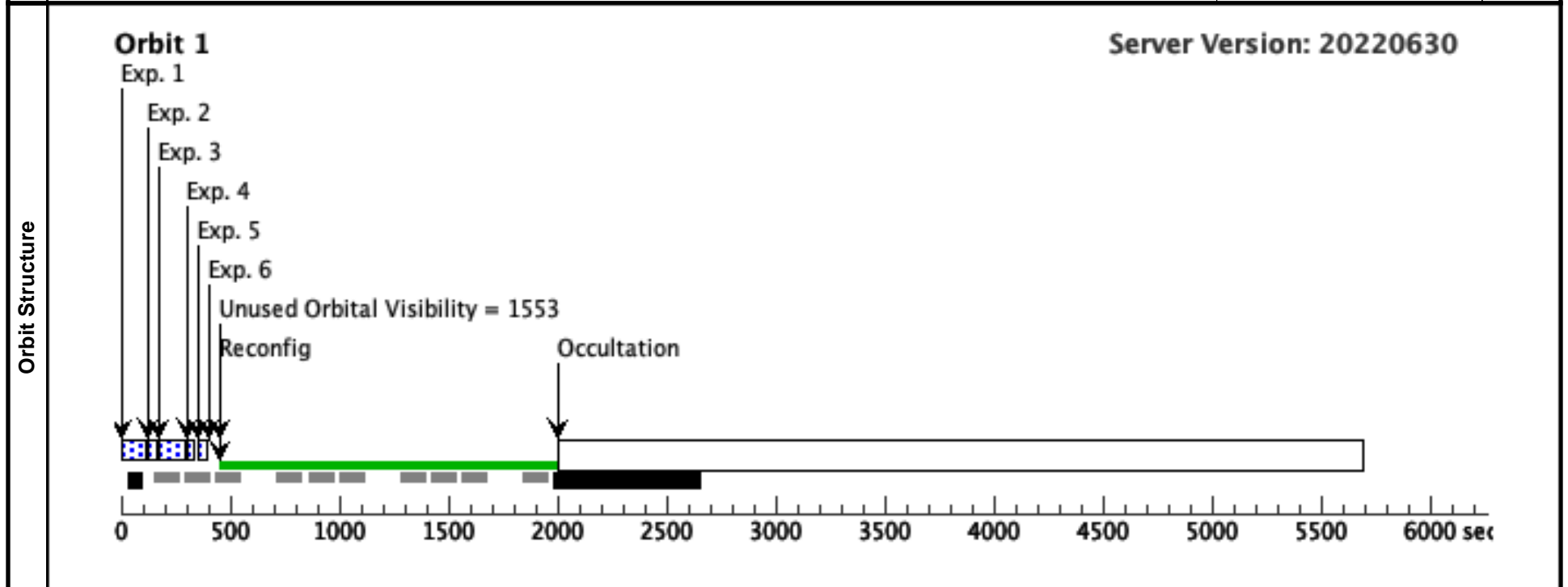
Visit	Proposal 16928, Visit 17, completed									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR										
Special Requirements: (none)										
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs)		[?]
2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)		[?]
3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs)		[?]
4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)		[?]
5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs)		[?]
6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs)		[?]



Proposal 16928 - Visit 20 (N11-ELS-046 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:56 GMT 2023

Visit	Proposal 16928, Visit 20, completed									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR										
Special Requirements: (none)										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs)	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs)	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs)	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs)	[?]

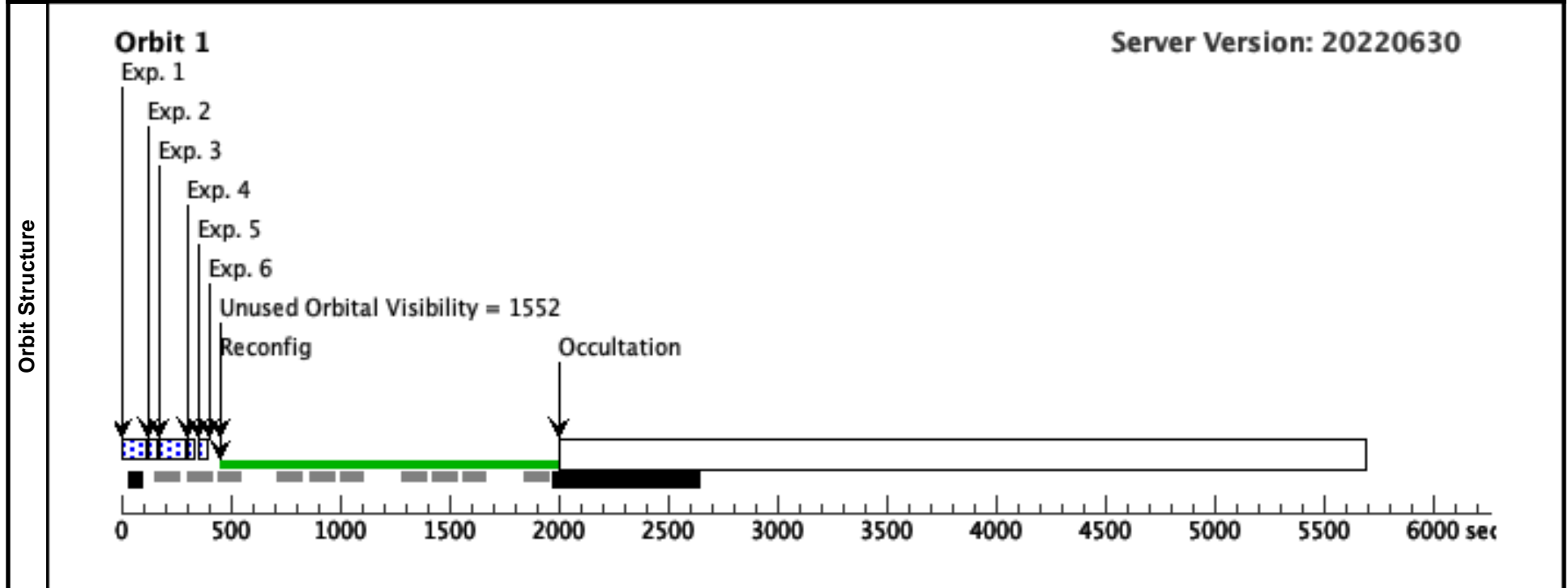


Proposal 16928 - Visit 21 (N11-ELS-049 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:57 GMT 2023

Visit	Proposal 16928, Visit 21, scheduling									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									

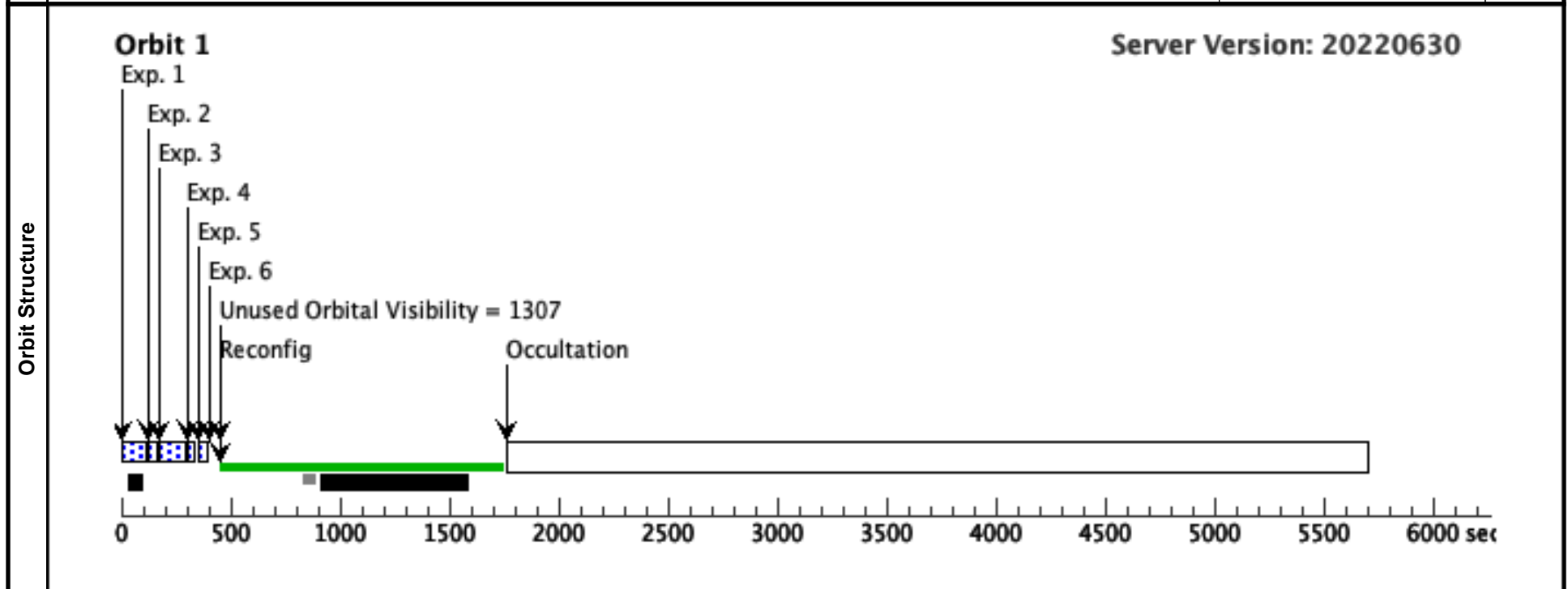
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Visit 23 (SK-69D83 1 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

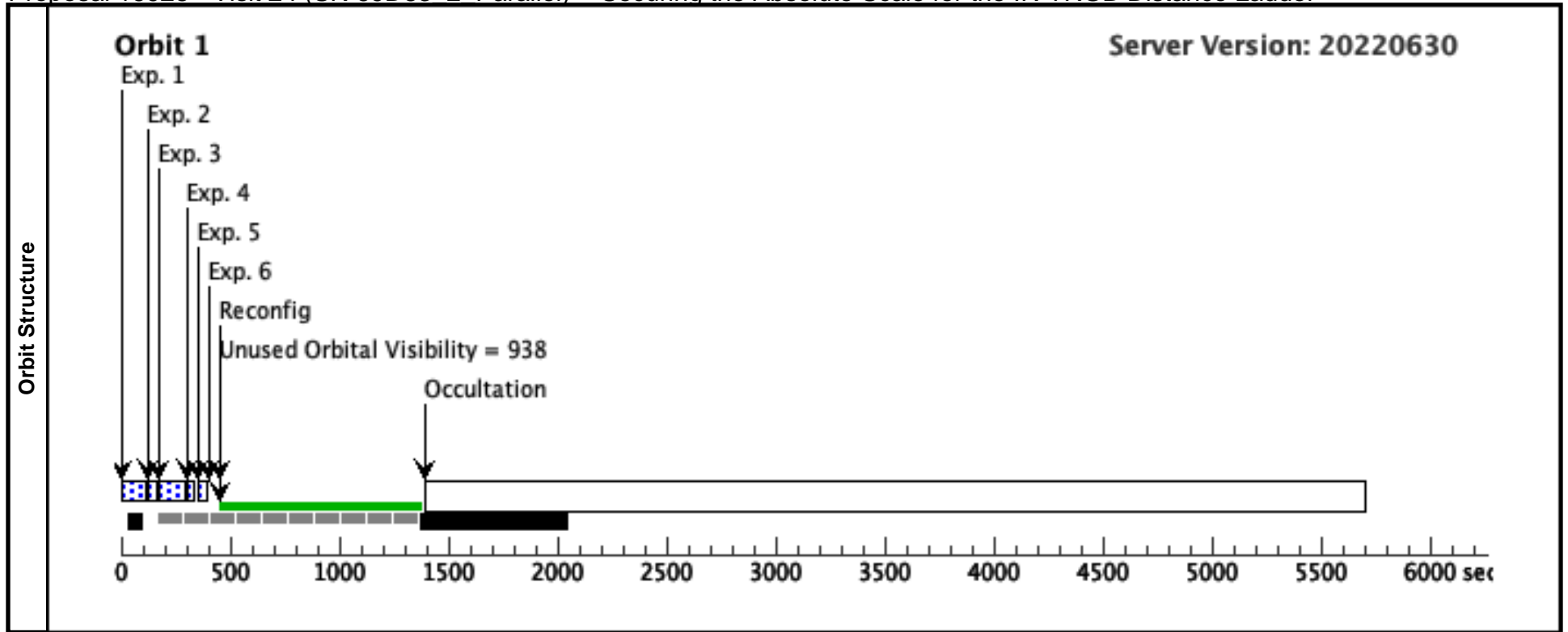
Wed Mar 15 16:23:57 GMT 2023

Visit	Proposal 16928, Visit 23, completed									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR										
Special Requirements: (none)										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs)	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs)	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs)	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs)	[?]



Proposal 16928 - Visit 24 (SK-69D83 2 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

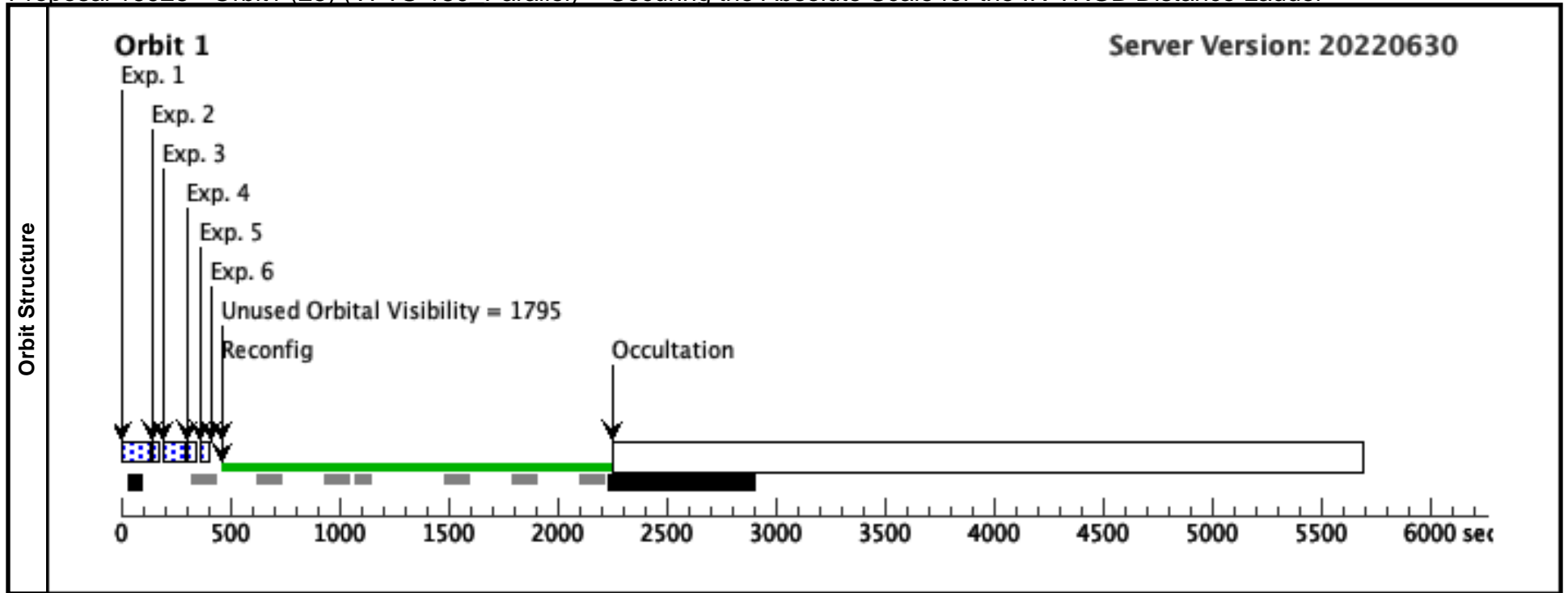
Visit	Proposal 16928, Visit 24, completed Wed Mar 15 16:23:57 GMT 2023 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Orbit1 (25) (VFTS-180 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:57 GMT 2023

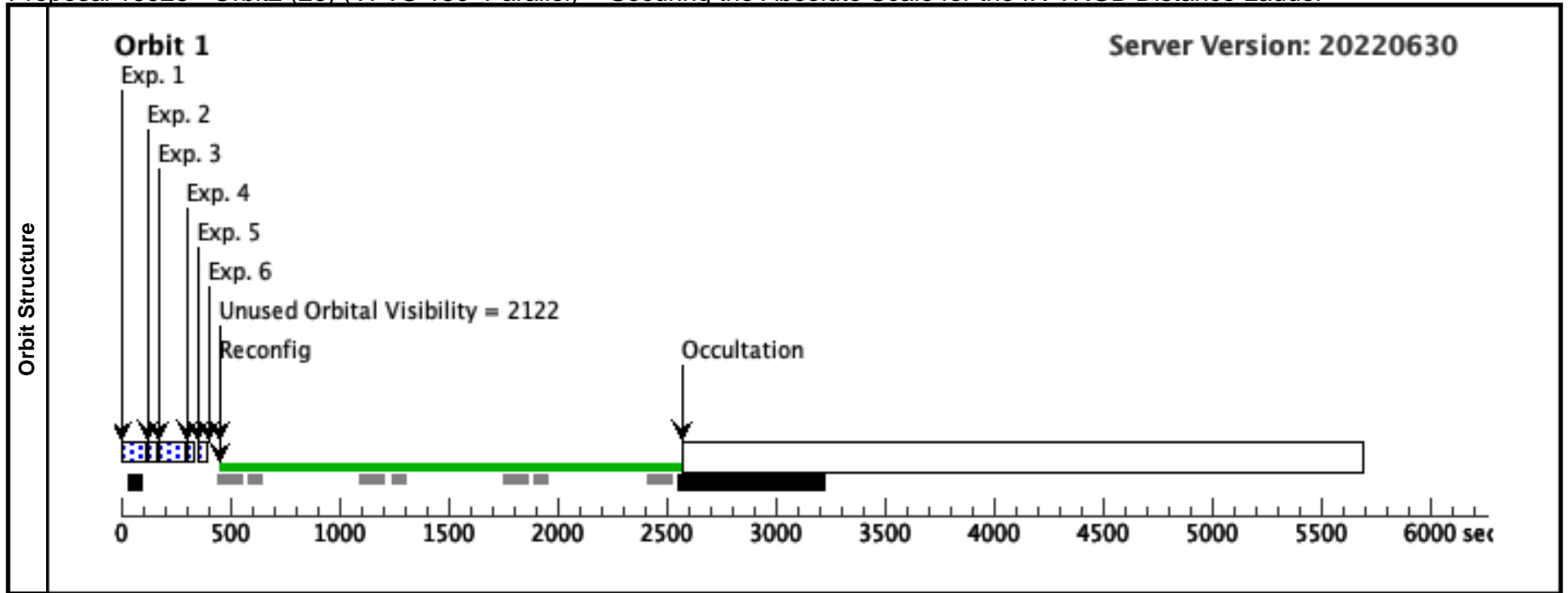
Visit	Proposal 16928, Orbit1 (25), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: This orbit is broken into 5 exposures that sum up to 30 full frame reads. This means that the buffer can hold the data until the end and dump once the primary is complete. The F110W (wJ_img) is the most likely to be saturated and thus it comes last.									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	2	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	4	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Orbit2 (26) (VFTS-180 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:57 GMT 2023

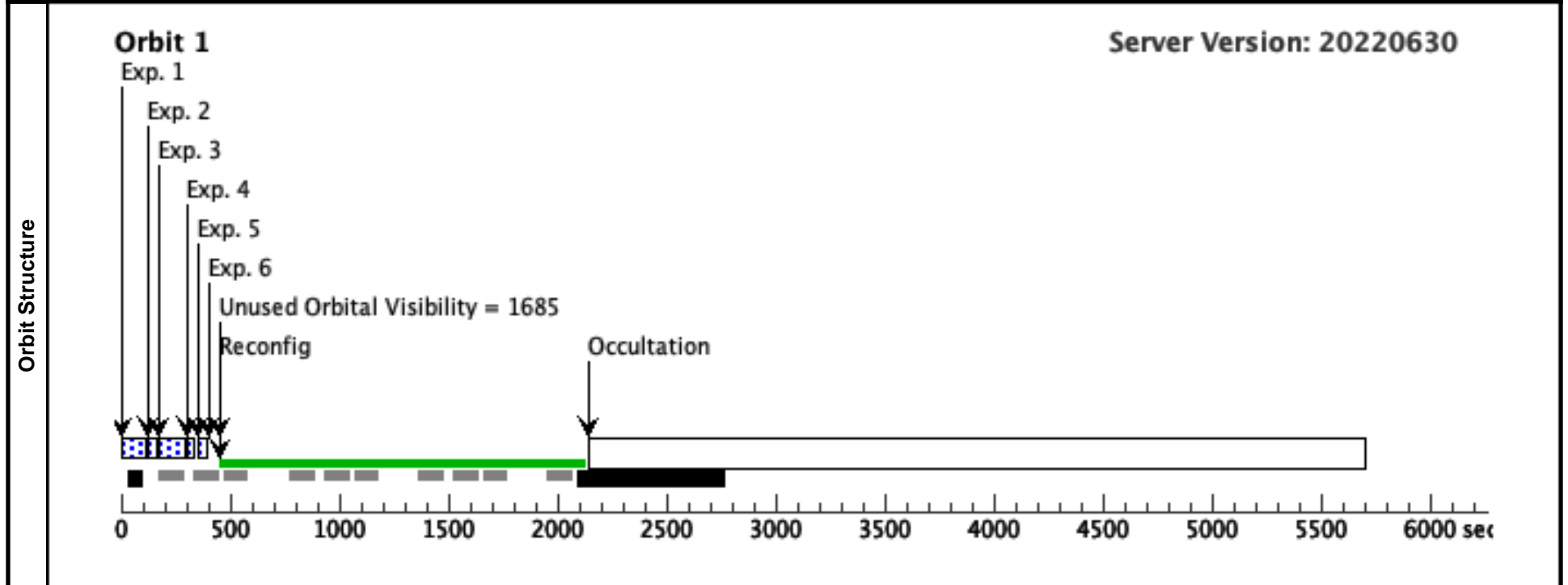
Visit	Proposal 16928, Orbit2 (26), scheduling									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none) Comments: This orbit is broken into 5 exposures that sum up to 30 full frame reads. This means that the buffer can hold the data until the end and dump once the primary is complete. The F110W (wJ_img) is the most likely to be saturated and thus it comes last.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Visit 27 (N11-ELS-026 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:57 GMT 2023

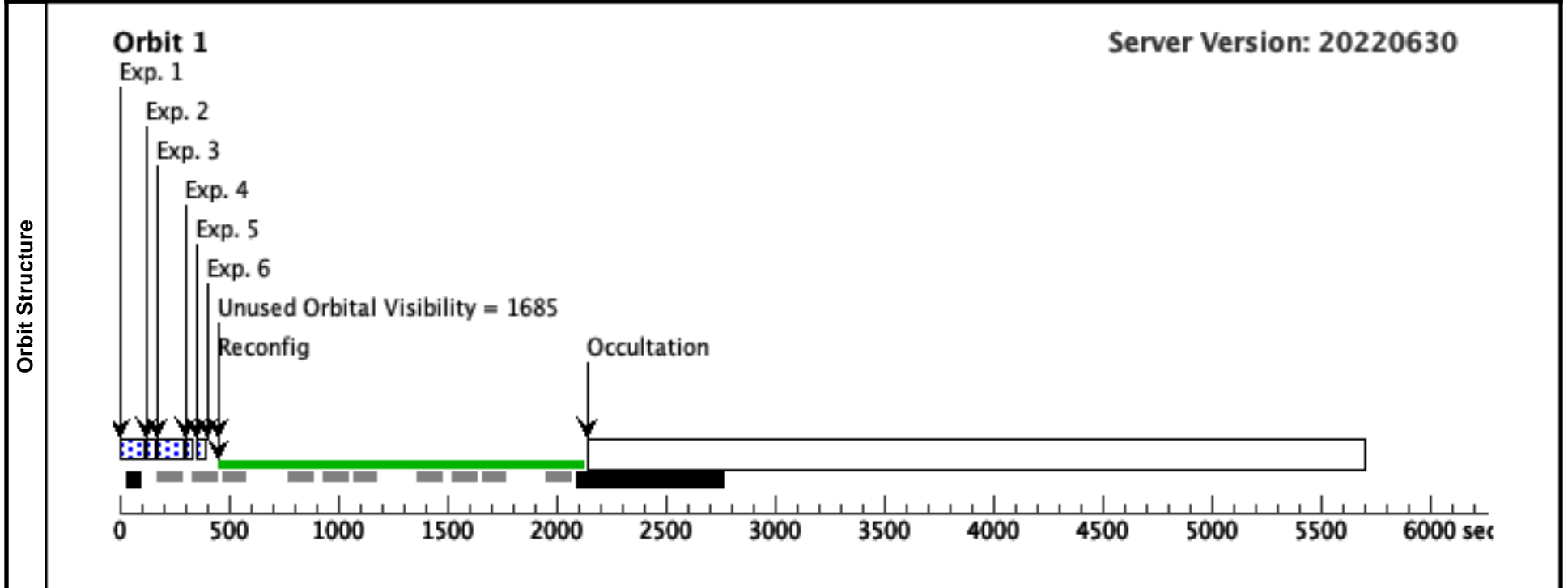
Visit	Proposal 16928, Visit 27, scheduled										
	Diagnostic Status: No Diagnostics										
Scientific Instruments: WFC3/IR											
Special Requirements: (none)											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25				77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID				20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25				102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID				20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10				12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID				14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Visit 28 (N11-ELS-026 2 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:57 GMT 2023

Visit	Proposal 16928, Visit 28									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR										
Special Requirements: (none)										
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs)		[?]
2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)		[?]
3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs)		[?]
4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)		[?]
5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs)		[?]
6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs)		[?]

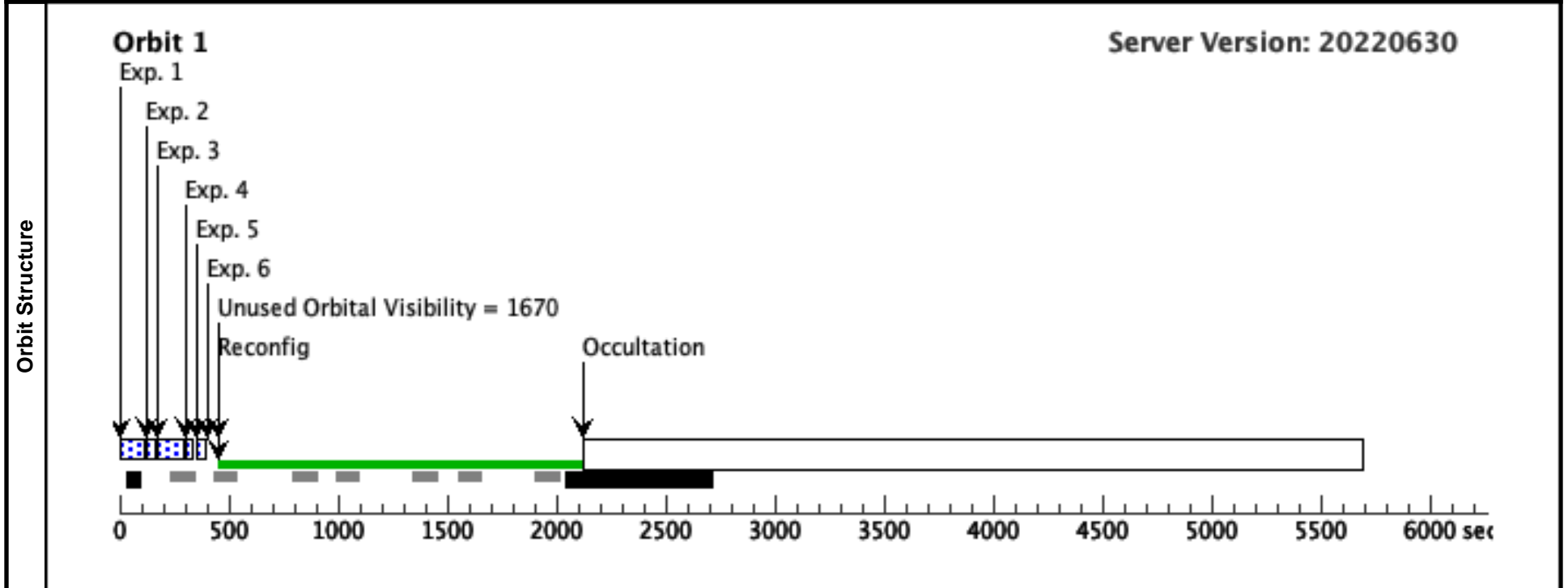


Proposal 16928 - Visit 29 (SK-68D133 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:57 GMT 2023

Visit	Proposal 16928, Visit 29									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									

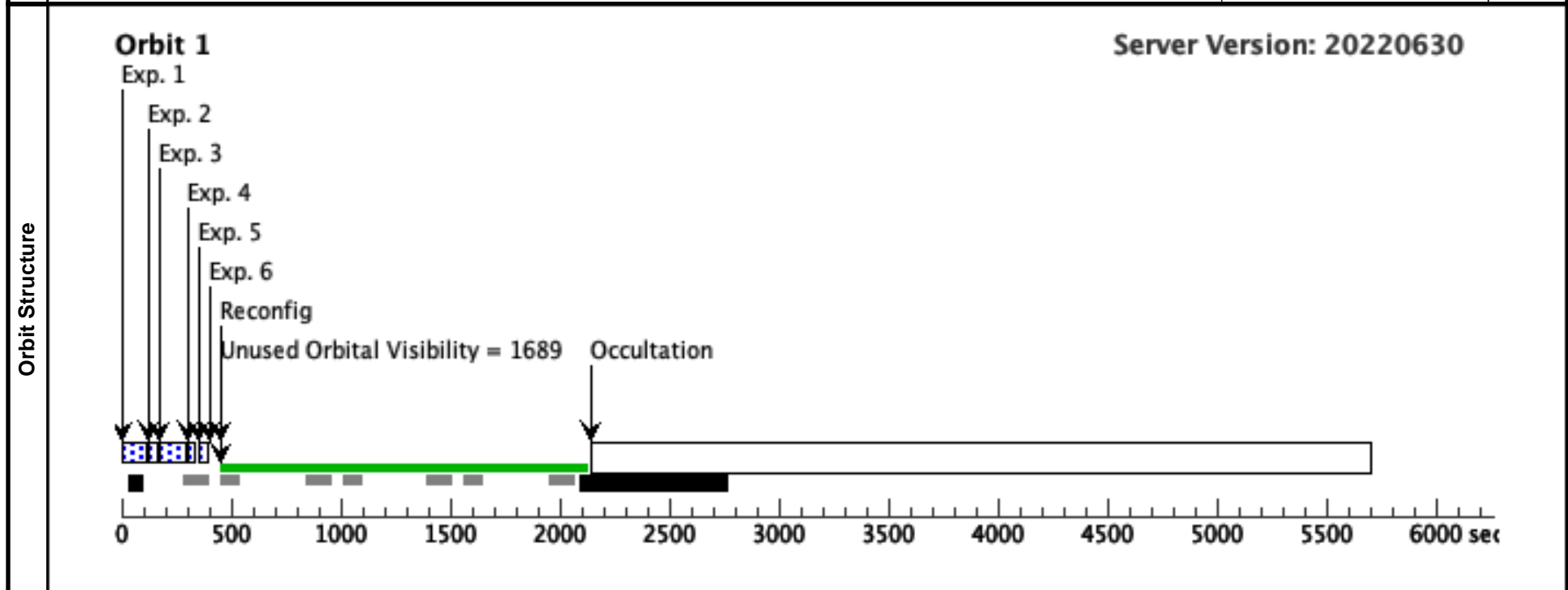
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Visit 30 (BI265 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:57 GMT 2023

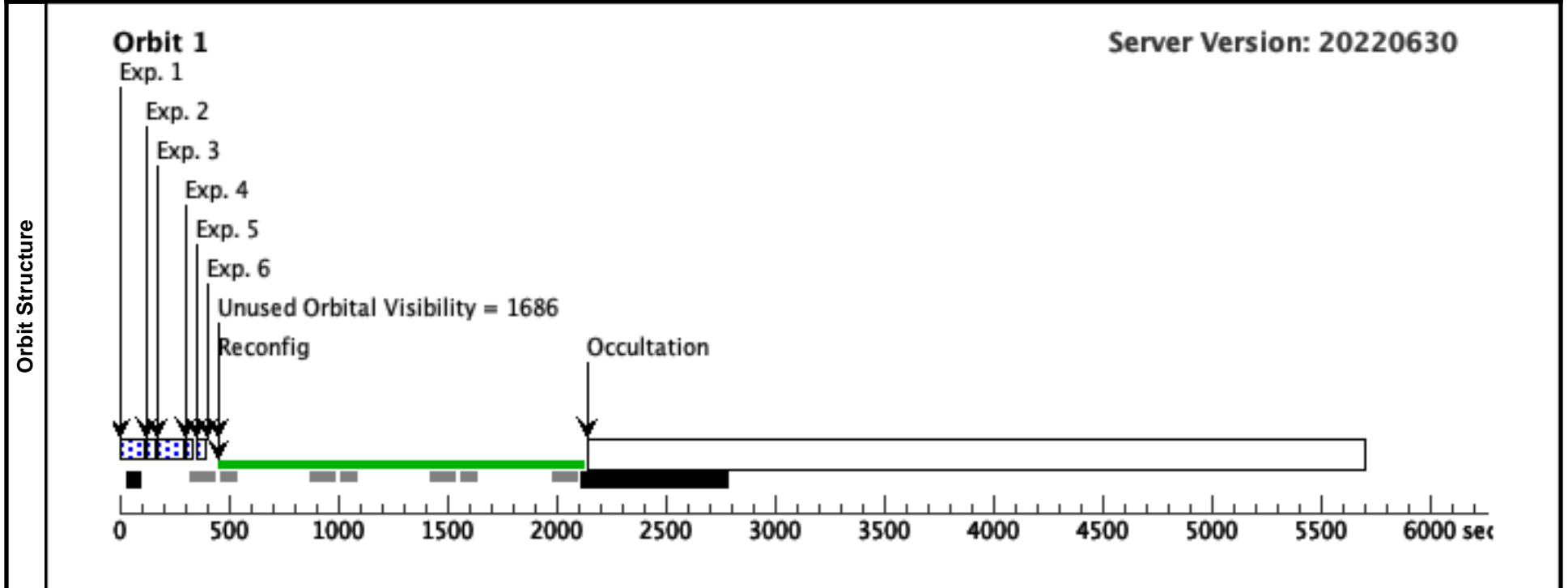
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs)	[?]	
2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]	
3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs)	[?]	
4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]	
5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs)	[?]	
6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs)	[?]	



Proposal 16928 - Visit 31 (SK-69D212 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:57 GMT 2023

Visit	Proposal 16928, Visit 31									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR										
Special Requirements: (none)										
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs)	[?]	[?]
2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]	[?]
3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs)	[?]	[?]
4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)	[?]	[?]
5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs)	[?]	[?]
6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs)	[?]	[?]

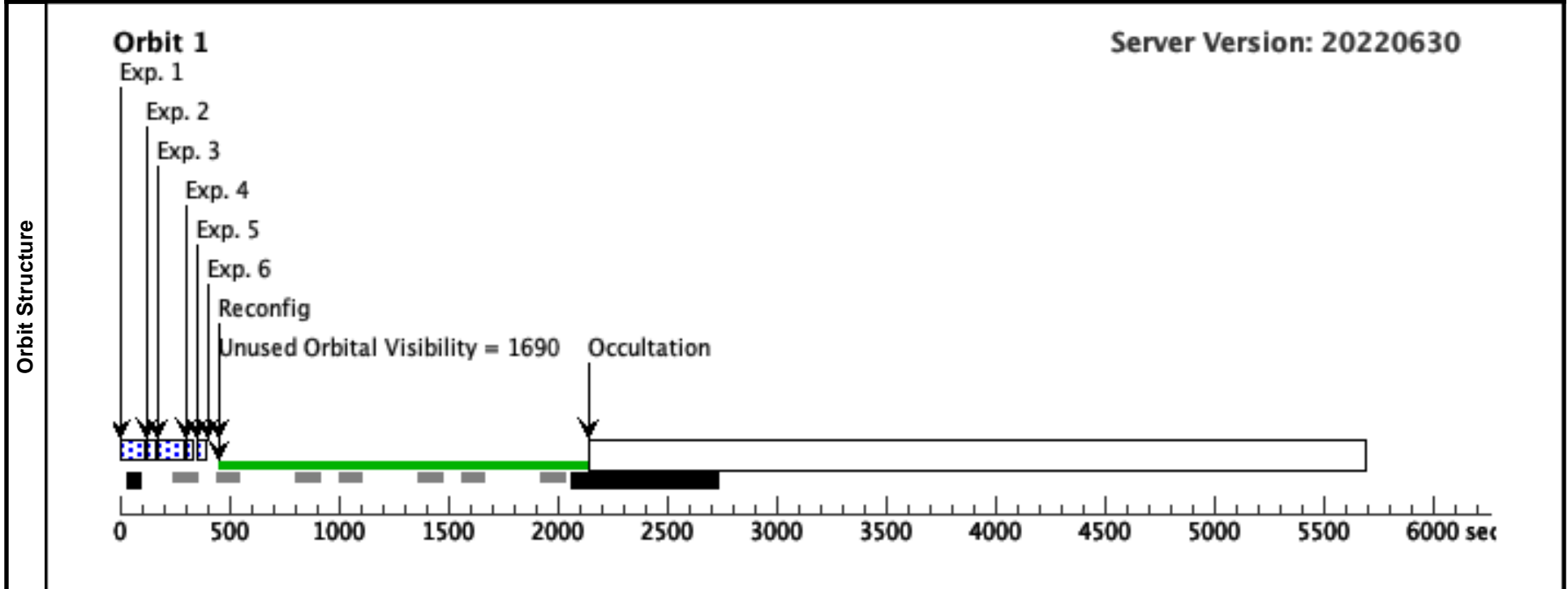


Proposal 16928 - Visit 32 (LH58-496 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:57 GMT 2023

Visit	Proposal 16928, Visit 32									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]

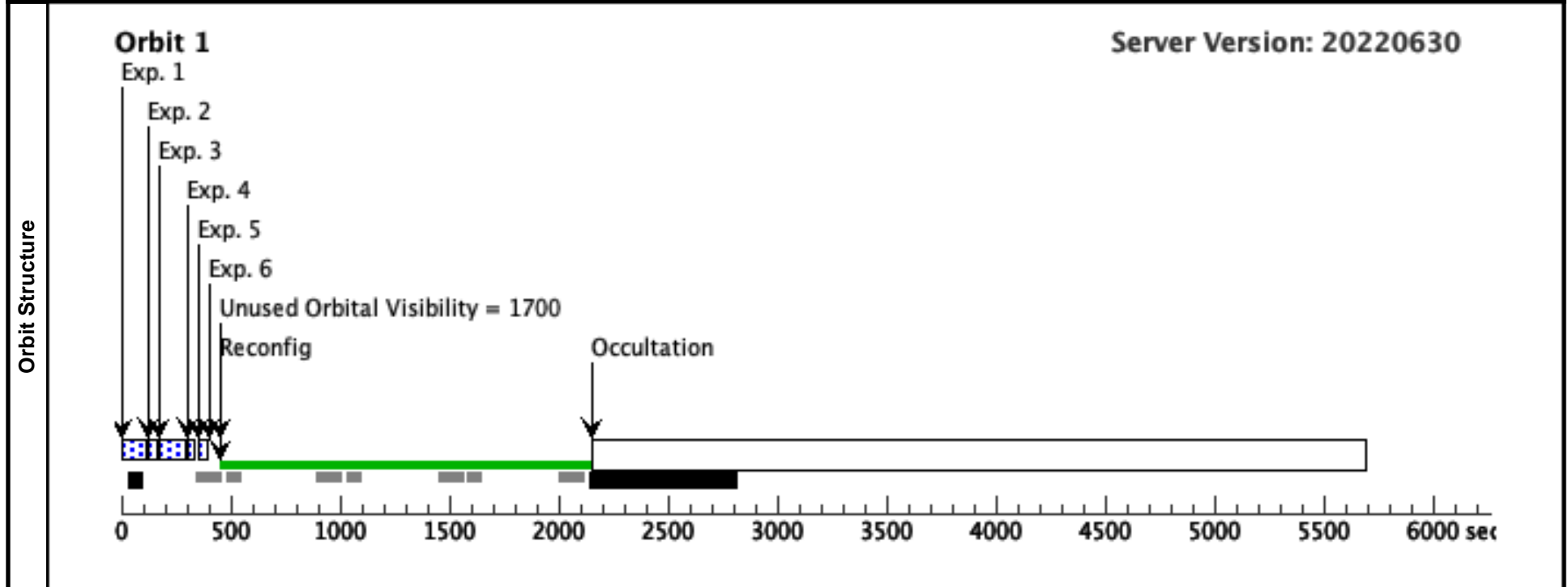


Proposal 16928 - Visit 33 (AV296 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:57 GMT 2023

Visit	Proposal 16928, Visit 33									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]

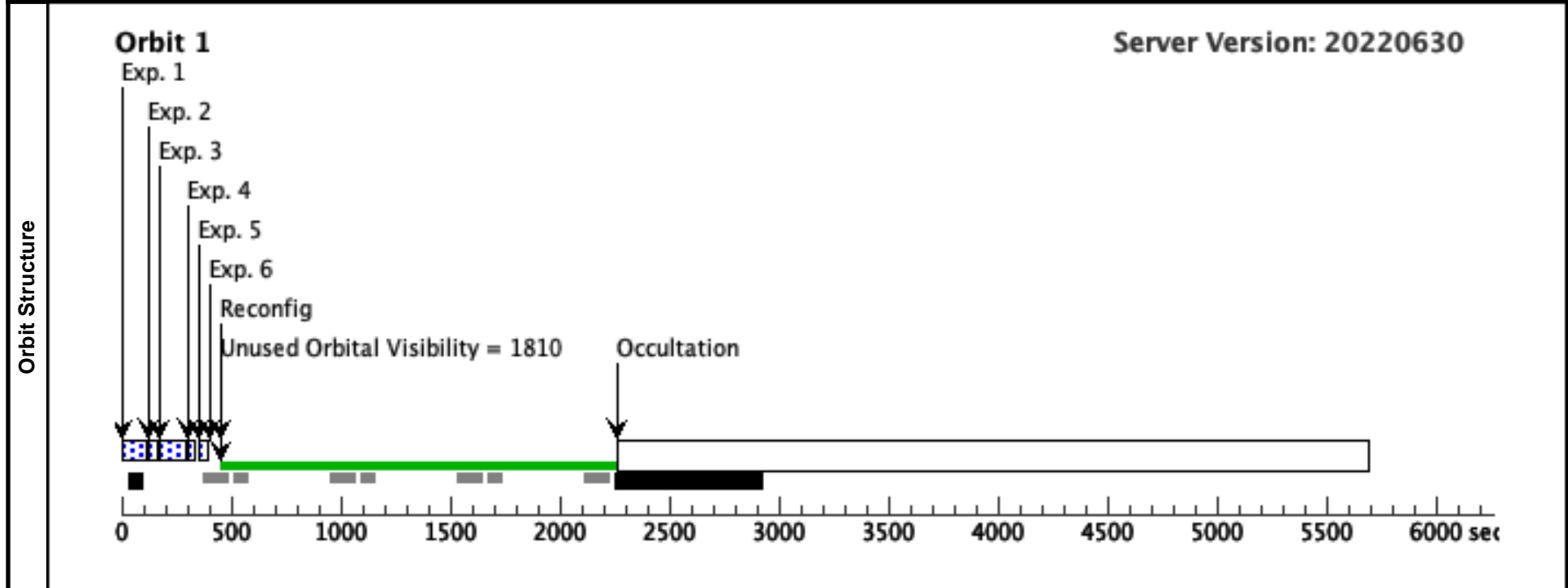


Proposal 16928 - Visit 34 (2DFS-2553 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:57 GMT 2023

Visit	Proposal 16928, Visit 34									
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									

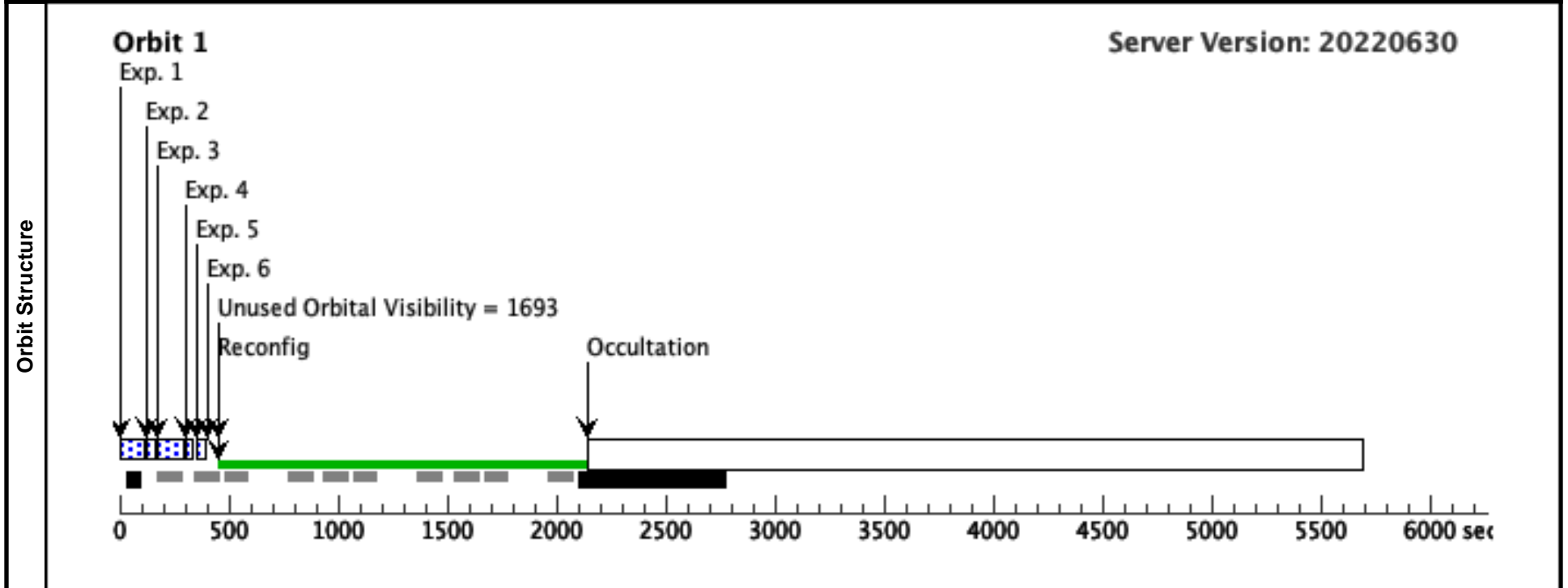
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs) [==>]	[?]
	2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs) [==>]	[?]
	4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs) [==>]	[?]
	5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs) [==>]	[?]
	6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs) [==>]	[?]



Proposal 16928 - Visit 35 (SK183 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:57 GMT 2023

Visit	Proposal 16928, Visit 35									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR										
Special Requirements: (none)										
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs)		[?]
2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)		[?]
3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs)		[?]
4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)		[?]
5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs)		[?]
6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs)		[?]



Proposal 16928 - Visit 36 (N11-ELS-020 Parallel) - Securing the Absolute Scale for the IR-TRGB Distance Ladder

Wed Mar 15 16:23:57 GMT 2023

Visit	Proposal 16928, Visit 36									
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/IR										
Special Requirements: (none)										
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
1	J_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=4; SAMP-SEQ=SPAR S25			77.933836 Secs (77.934 Secs)		[?]
2	J_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F125W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)		[?]
3	H_spec	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=5; SAMP-SEQ=SPAR S25			102.934351 Secs (102.934 Secs)		[?]
4	H_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=7; SAMP-SEQ=RAPID			20.526037 Secs (20.526 Secs)		[?]
5	sH_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F153M	NSAMP=2; SAMP-SEQ=SPAR S10			12.933254 Secs (12.933 Secs)		[?]
6	wJ_img	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=5; SAMP-SEQ=RAPID			14.661455 Secs (14.661 Secs)		[?]

