



16801 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Cycle: 29, Proposal Category: GO

(UV Initiative, Treasury)

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Benjamin F. Williams (PI) (Contact)	University of Washington	ben@astro.washington.edu
Dr. Julianne Dalcanton (CoI)	University of Washington	jd@astro.washington.edu
Dr. Karoline Gilbert (CoI)	Space Telescope Science Institute	kgilbert@stsci.edu
Dr. Daniel R. Weisz (CoI)	University of California - Berkeley	dan.weisz@berkeley.edu
Prof. Eric F. Bell (CoI)	University of Michigan	ericbell@umich.edu
Dr. Leo Girardi (CoI) (ESA Member)	INAF - Osservatorio Astronomico di Padova	leo.girardi@oapd.inaf.it
Dr. Ekta Patel (CoI)	University of California - Berkeley	ektapatel@berkeley.edu
Dr. Lent Clifton Johnson (CoI)	Northwestern University	lcj@northwestern.edu
Dr. Andrew Eugene Dolphin (CoI)	Raytheon Company	adolphin@raytheon.com
Dr. Martha L. Boyer (CoI)	Space Telescope Science Institute	mboyer@stsci.edu
Meredith Durbin (CoI)	University of Washington	mdurbin@uw.edu
Dr. Richard D'Souza (CoI)	Vatican Observatory	rdsouza@specola.va
Ms. Amanda Quirk (CoI)	University of California - Santa Cruz	acquirk@ucsc.edu
Prof. Puragra Guhathakurta (CoI)	University of California - Santa Cruz	raja@ucolick.org
Dr. Tod R. Lauer (CoI)	NOIRLab - (AZ)	tod.lauer@noirlab.edu
Dr. Francois Hammer (CoI) (ESA Member)	Observatoire de Paris - Section de Meudon	francois.hammer@obspm.fr
Dr. Julia Christine Roman-Duval (CoI)	Space Telescope Science Institute	duval@stsci.edu
Dr. Karl D. Gordon (CoI)	Space Telescope Science Institute	kgordon@stsci.edu
Prof. Anil C. Seth (CoI)	University of Utah	aseth@astro.utah.edu
Prof. Robyn Sanderson (CoI)	University of Pennsylvania	robynes@sas.upenn.edu
Dr. Jeremiah Murphy (CoI)	Florida State University	jwmurphy@fsu.edu

Proposal 16801 (STScI Edit Number: 2, Created: Tuesday, July 19, 2022 at 3:03:09 PM Eastern Standard Time) - Overview

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Dustin Lang (CoI) (CSA Member)	University of Toronto	dstndstn@gmail.com
Ms. Mariangelly Diaz Rodriguez (CoI)	Florida State University	md14u@my.fsu.edu
Margaret Lazzarini (CoI)	University of Washington	mlazz@uw.edu
Dr. Adam Smercina (CoI)	University of Washington	asmerci@uw.edu

VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) M31-B36-F01-UVIS (4) M31-B36-F04-WFC	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:02:52.0	yes
02	(3) M31-B36-F02-UVIS (6) M31-B36-F05-WFC	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:02:54.0	yes
03	(5) M31-B36-F03-UVIS (8) M31-B36-F01-WFC	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:02:55.0	yes
04	(7) M31-B36-F04-UVIS (10) M31-B36-F02-WFC	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:02:56.0	yes
16	(7) M31-B36-F04-UVIS (10) M31-B36-F02-WFC	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:02:57.0	yes
05	(2) M31-B36-F03-WFC (9) M31-B36-F05-UVIS	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:02:58.0	yes
06	(11) M31-B36-F06-UVIS (14) M31-B36-F09-WFC	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:02:59.0	yes
07	(13) M31-B36-F07-UVIS (16) M31-B36-F10-WFC	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:03:00.0	yes
08	(15) M31-B36-F08-UVIS (18) M31-B36-F06-WFC	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:03:01.0	yes
09	(17) M31-B36-F09-UVIS (20) M31-B36-F07-WFC	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:03:02.0	yes
10	(12) M31-B36-F08-WFC (19) M31-B36-F10-UVIS	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:03:03.0	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>
11	(21) M31-B36-F11-UVIS (24) M31-B36-F14-WFC	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:03:04.0	yes
12	(23) M31-B36-F12-UVIS (26) M31-B36-F15-WFC	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:03:05.0	yes
13	(25) M31-B36-F13-UVIS (28) M31-B36-F11-WFC	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:03:06.0	yes
14	(27) M31-B36-F14-UVIS (30) M31-B36-F12-WFC	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:03:07.0	yes
15	(22) M31-B36-F13-WFC (29) M31-B36-F15-UVIS	ACS/WFC WFC3/UVIS	1	19-Jul-2022 16:03:08.0	yes

16 Total Orbits Used

ABSTRACT

We propose to create a legacy map of the southern half of M31 in the optical and near ultraviolet (NUV). The Panchromatic Hubble Andromeda Southern Treasury (PHAST) will add ~100 million stars to M31's stellar photometry archive and cover regions of M31 that are structurally unique and more sensitive to the merger history than the northern disk mapped in the Panchromatic Hubble Andromeda Treasury (PHAT). These newly mapped regions include the intersections with M32 and the giant southern stream, the split portion of the star forming ring, and the southern bar. By providing age, metallicity, stellar mass, and follow-up kinematics, the resolved stellar photometry of these regions will be used for detailed comparisons to simulations, including star formation history and population asymmetries as well as the orbits of M32 and the giant southern stream, allowing us to distinguish between competing merger scenarios. Thus, these measurements tightly constrain models of M31's merger history and disk evolution. Furthermore, the legacy value for such observations is undeniable; M31 has been and will continue to be a centerpiece target for many NASA and ESA missions, as well as for ground-based time-domain observations that could find extremely valuable events that require HST resolution for identifying precursors. These current and future data sets cover the entire galaxy, and thus, our coverage will increase the value of all past and future M31 observations. PHAST will complete a lasting baseline data set for this high-demand target that no other current or planned facility will be able to produce.

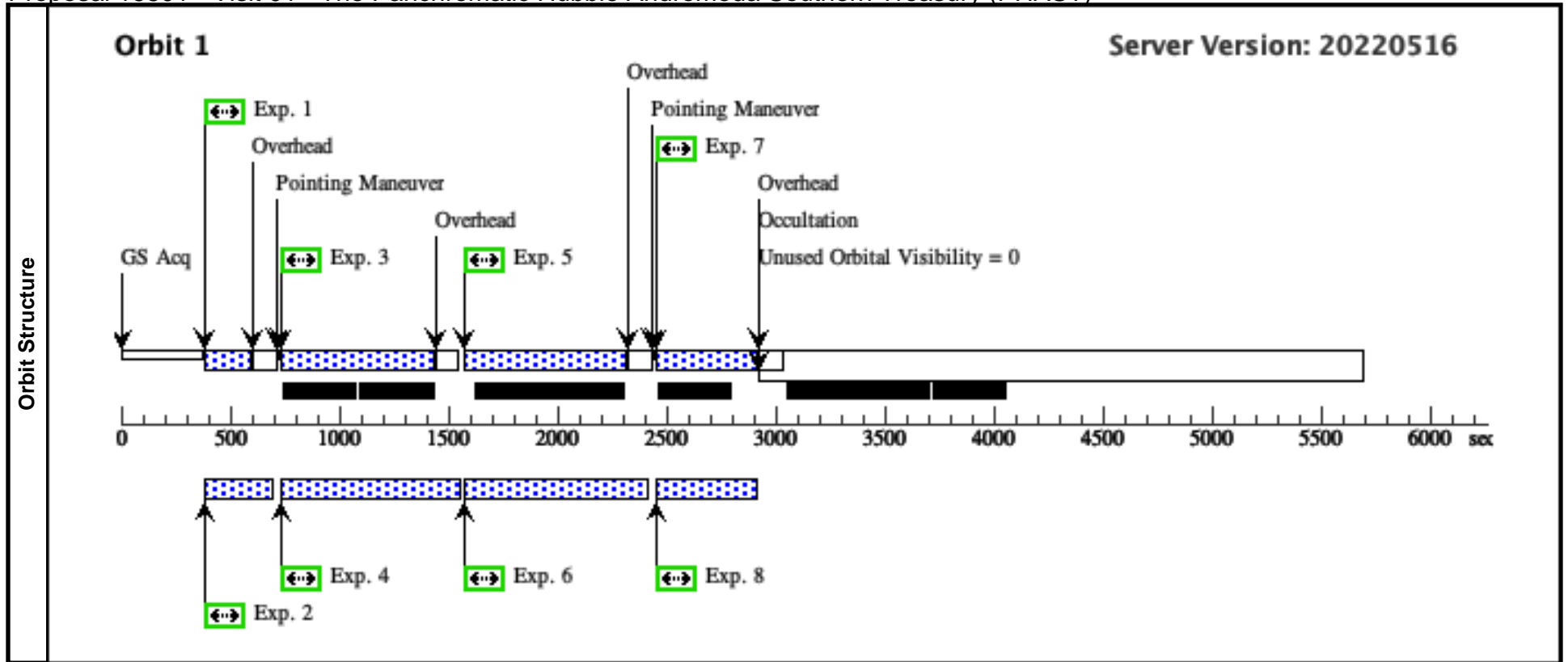
OBSERVING DESCRIPTION

This program is creating a mosaic of the southern half of M31 in both UVIS and ACS. As such, it was accepted for prime and parallel observations. The mosaic uses the smaller field of view (UVIS) as the tiling unit to optimize coverage. The strategy is to take parallel exposures in F336W and F814W, dither to cover the gaps in both cameras, take a second exposure in each of these bands. Then change to the F275W and F475W filters, take parallel exposures, dither back, and take the final exposures. This gets repeated for 195 pointings.

Proposal 16801 - Visit 01 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:09 GMT 2022

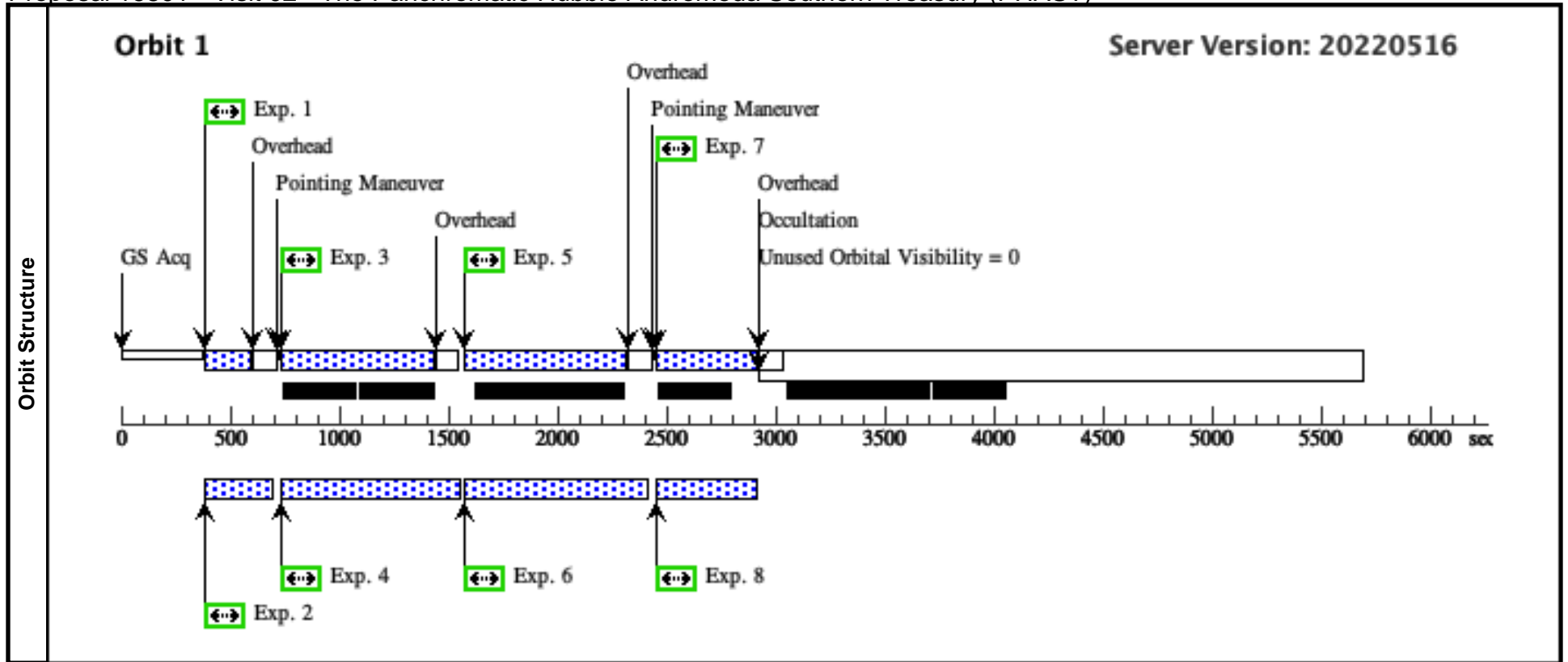
Visit	Proposal 16801, Visit 01, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 68D TO 68 D									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(1)	M31-B36-F01-UVIS	RA: 00 40 52.5175 (10.2188229d) Dec: +40 31 30.62 (40.52517d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Fixed Targets	(4)	M31-B36-F04-WFC	RA: 00 40 40.7766 (10.1699025d) Dec: +40 32 27.45 (40.54096d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F01-UVIS-F3 36W	(1) M31-B36-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Visit 01	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F04-WFC-F8 14W-short	(4) M31-B36-F04-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 01	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F01-UVIS-F3 36W	(1) M31-B36-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 01	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F04-WFC-F8 14W	(4) M31-B36-F04-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 01	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F01-UVIS-F2 75W	(1) M31-B36-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 01	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F04-WFC-F4 75W	(4) M31-B36-F04-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 01	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F01-UVIS-F2 75W	(1) M31-B36-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 01	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F04-WFC-F4 75W	(4) M31-B36-F04-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 01	337 Secs (337 Secs) [==>]	[1]



Proposal 16801 - Visit 02 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:09 GMT 2022

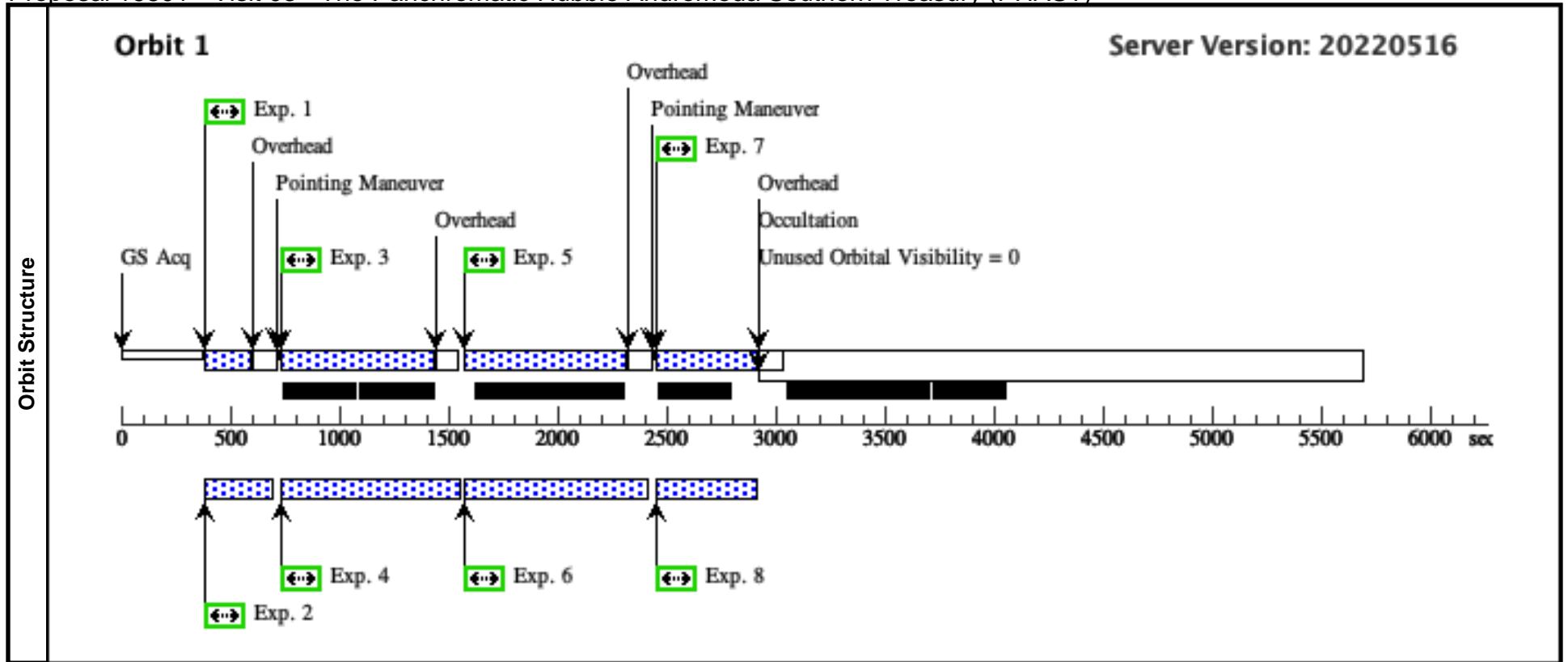
Visit	Proposal 16801, Visit 02, scheduling					Tue Jul 19 20:03:09 GMT 2022				
	Diagnostic Status: No Diagnostics									
Scientific Instruments: WFC3/UVIS, ACS/WFC										
Special Requirements: SCHED 100%; ORIENT 68D TO 68 D										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	M31-B36-F02-UVIS	RA: 00 40 40.7766 (10.1699025d) Dec: +40 32 27.45 (40.54096d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]										
(6)	M31-B36-F05-WFC	RA: 00 40 29.0357 (10.1209821d) Dec: +40 33 24.28 (40.55674d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F02-UVIS-F3 36W	(3) M31-B36-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Group 1-2 in Visit 02	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F05-WFC-F8 14W-short	(6) M31-B36-F05-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 02	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F02-UVIS-F3 36W	(3) M31-B36-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 02	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F05-WFC-F8 14W	(6) M31-B36-F05-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 02	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F02-UVIS-F2 75W	(3) M31-B36-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 02	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F05-WFC-F4 75W	(6) M31-B36-F05-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 02	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F02-UVIS-F2 75W	(3) M31-B36-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 02	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F05-WFC-F4 75W	(6) M31-B36-F05-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 02	337 Secs (337 Secs) [==>]	[1]



Proposal 16801 - Visit 03 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:09 GMT 2022

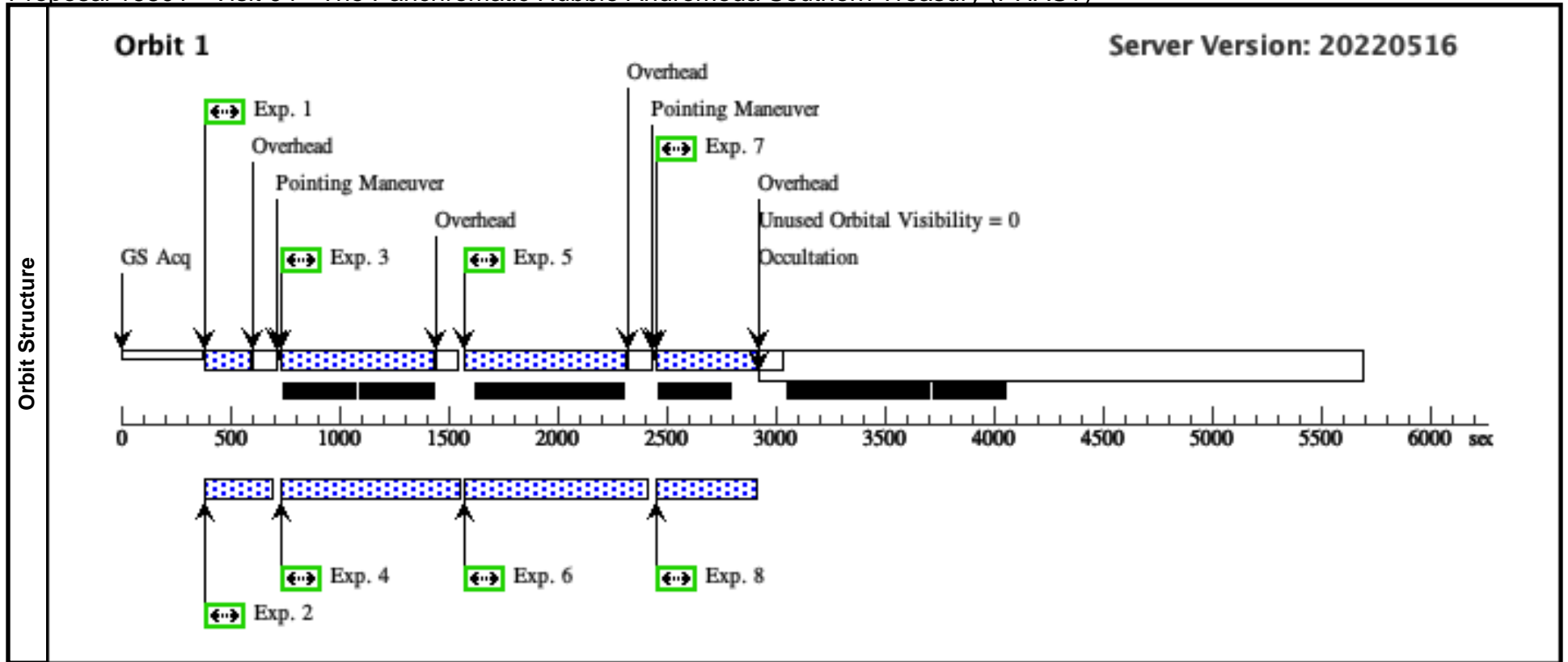
Visit	Proposal 16801, Visit 03, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 68D TO 68 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(5)		M31-B36-F03-UVIS	RA: 00 40 29.0357 (10.1209821d) Dec: +40 33 24.28 (40.55674d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]										
(8)	M31-B36-F01-WFC	RA: 00 40 17.0843 (10.0711846d) Dec: +40 34 21.71 (40.57270d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F03-UVIS-F3 36W	(5) M31-B36-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Visit 03	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F01-WFC-F8 14W-short	(8) M31-B36-F01-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 03	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F03-UVIS-F3 36W	(5) M31-B36-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 03	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F01-WFC-F8 14W	(8) M31-B36-F01-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 03	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F03-UVIS-F2 75W	(5) M31-B36-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 03	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F01-WFC-F4 75W	(8) M31-B36-F01-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 03	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F03-UVIS-F2 75W	(5) M31-B36-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 03	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F01-WFC-F4 75W	(8) M31-B36-F01-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 03	337 Secs (337 Secs) [==>]	[1]



Proposal 16801 - Visit 04 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:09 GMT 2022

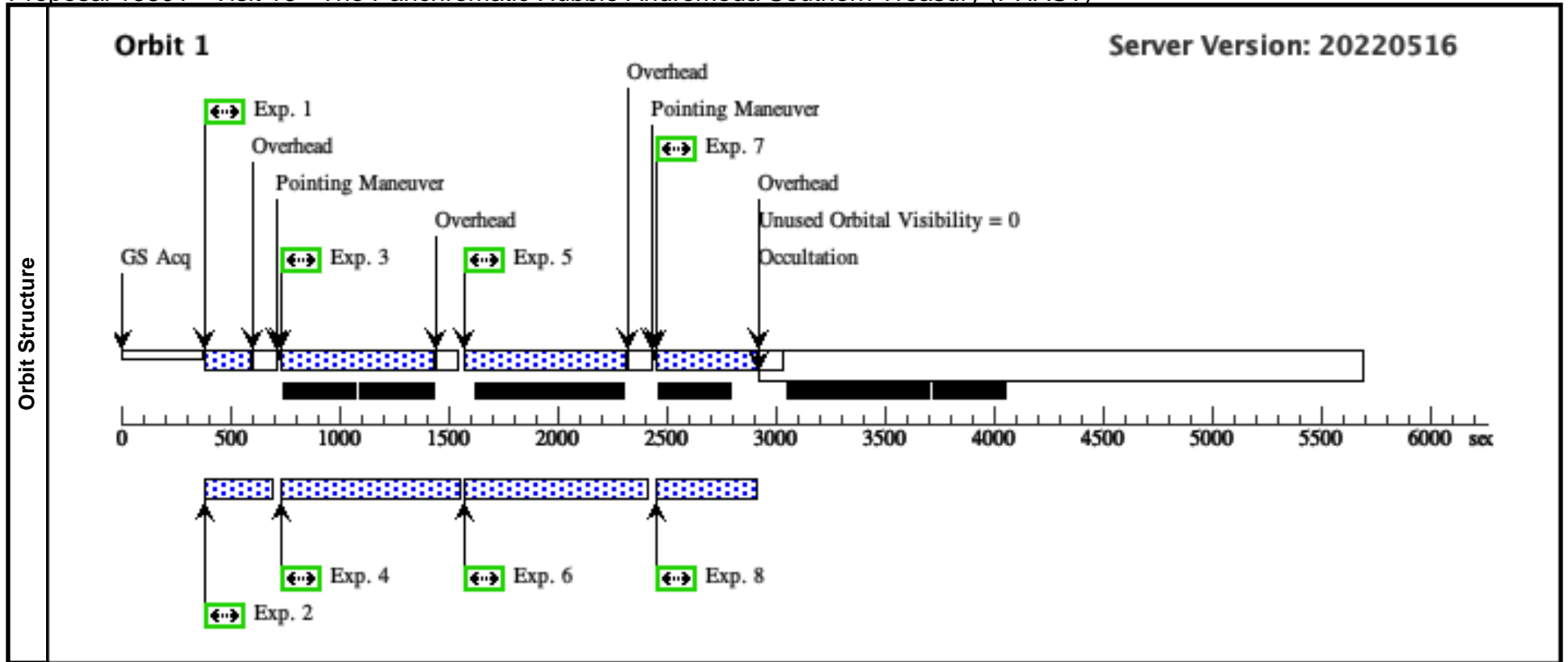
Visit	Proposal 16801, Visit 04, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 248D TO 248 D									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(7)	M31-B36-F04-UVIS	RA: 00 40 17.0843 (10.0711846d) Dec: +40 34 21.71 (40.57270d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Fixed Targets	(10)	M31-B36-F02-WFC	RA: 00 40 5.3434 (10.0222642d) Dec: +40 35 18.53 (40.58848d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F04-UVIS-F3 36W	(7) M31-B36-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Group 1-2 in Visit 04	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F02-WFC-F8 14W-short	(10) M31-B36-F02-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 04	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F04-UVIS-F3 36W	(7) M31-B36-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 04	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F02-WFC-F8 14W	(10) M31-B36-F02-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 04	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F04-UVIS-F2 75W	(7) M31-B36-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 04	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F02-WFC-F4 75W	(10) M31-B36-F02-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 04	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F04-UVIS-F2 75W	(7) M31-B36-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 04	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F02-WFC-F4 75W	(10) M31-B36-F02-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 04	337 Secs (337 Secs) [==>]	[1]



Proposal 16801 - Visit 16 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:09 GMT 2022

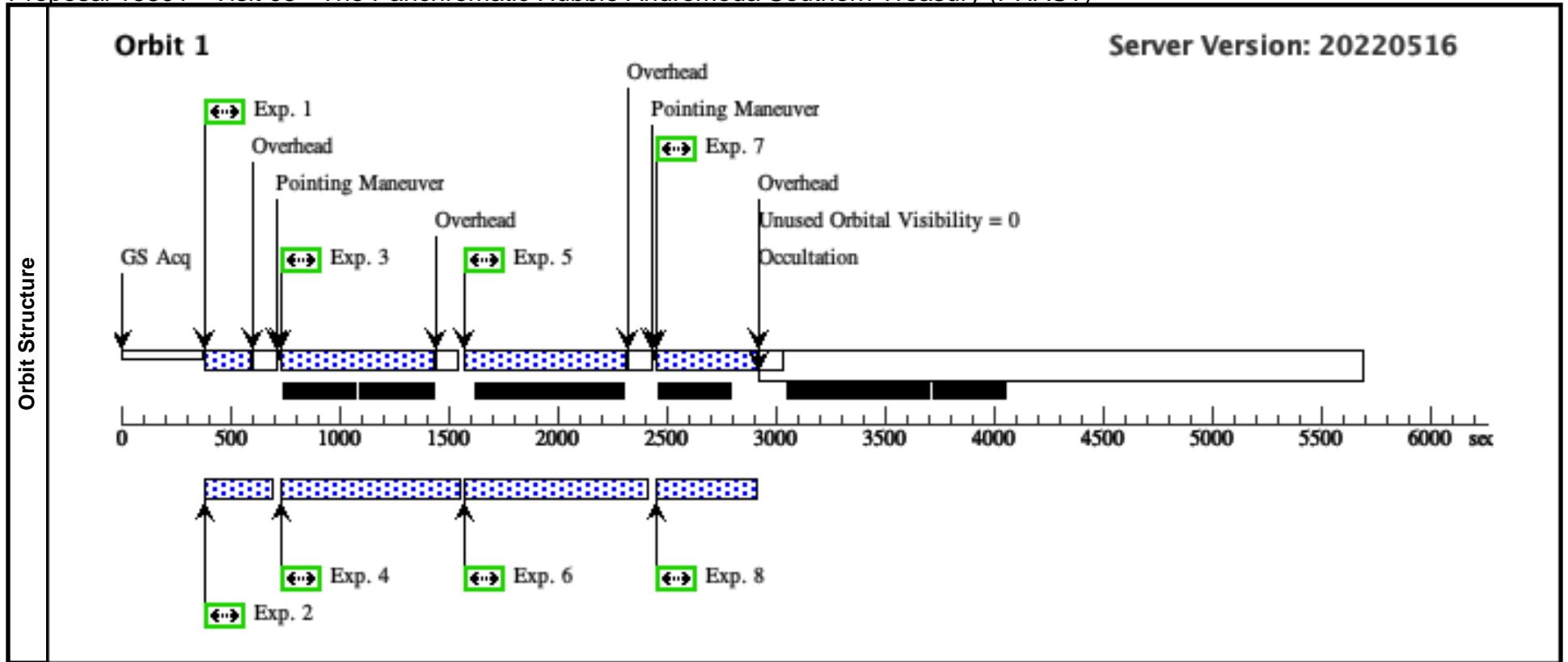
Visit	Proposal 16801, Visit 16					Tue Jul 19 20:03:09 GMT 2022				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 248D TO 248 D Comments: HOPR copy of visit 04									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	M31-B36-F04-UVIS	RA: 00 40 17.0843 (10.0711846d) Dec: +40 34 21.71 (40.57270d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]										
(10)	M31-B36-F02-WFC	RA: 00 40 5.3434 (10.0222642d) Dec: +40 35 18.53 (40.58848d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS					
Comments: Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F04-UVIS-F3 36W	(7) M31-B36-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Visit 16	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F02-WFC-F8 14W-short	(10) M31-B36-F02-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 16	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F04-UVIS-F3 36W	(7) M31-B36-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 16	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F02-WFC-F8 14W	(10) M31-B36-F02-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 16	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F04-UVIS-F2 75W	(7) M31-B36-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 16	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F02-WFC-F4 75W	(10) M31-B36-F02-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 16	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F04-UVIS-F2 75W	(7) M31-B36-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 16	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F02-WFC-F4 75W	(10) M31-B36-F02-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 16	337 Secs (337 Secs) [==>]	[1]



Proposal 16801 - Visit 05 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:09 GMT 2022

Visit	Proposal 16801, Visit 05, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 248D TO 248 D									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(2)	M31-B36-F03-WFC	RA: 00 40 52.5175 (10.2188229d) Dec: +40 31 30.62 (40.52517d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Fixed Targets	(9)	M31-B36-F05-UVIS	RA: 00 40 5.3434 (10.0222642d) Dec: +40 35 18.53 (40.58848d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F05-UVIS-F3 36W	(9) M31-B36-F05-U VIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Group 1-2 in Visit 05	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F03-WFC-F8 14W-short	(2) M31-B36-F03-W FC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 05	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F05-UVIS-F3 36W	(9) M31-B36-F05-U VIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 05	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F03-WFC-F8 14W	(2) M31-B36-F03-W FC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 05	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F05-UVIS-F2 75W	(9) M31-B36-F05-U VIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 05	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F03-WFC-F4 75W	(2) M31-B36-F03-W FC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 05	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F05-UVIS-F2 75W	(9) M31-B36-F05-U VIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 05	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F03-WFC-F4 75W	(2) M31-B36-F03-W FC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 05	337 Secs (337 Secs) [==>]	[1]



Proposal 16801 - Visit 06 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

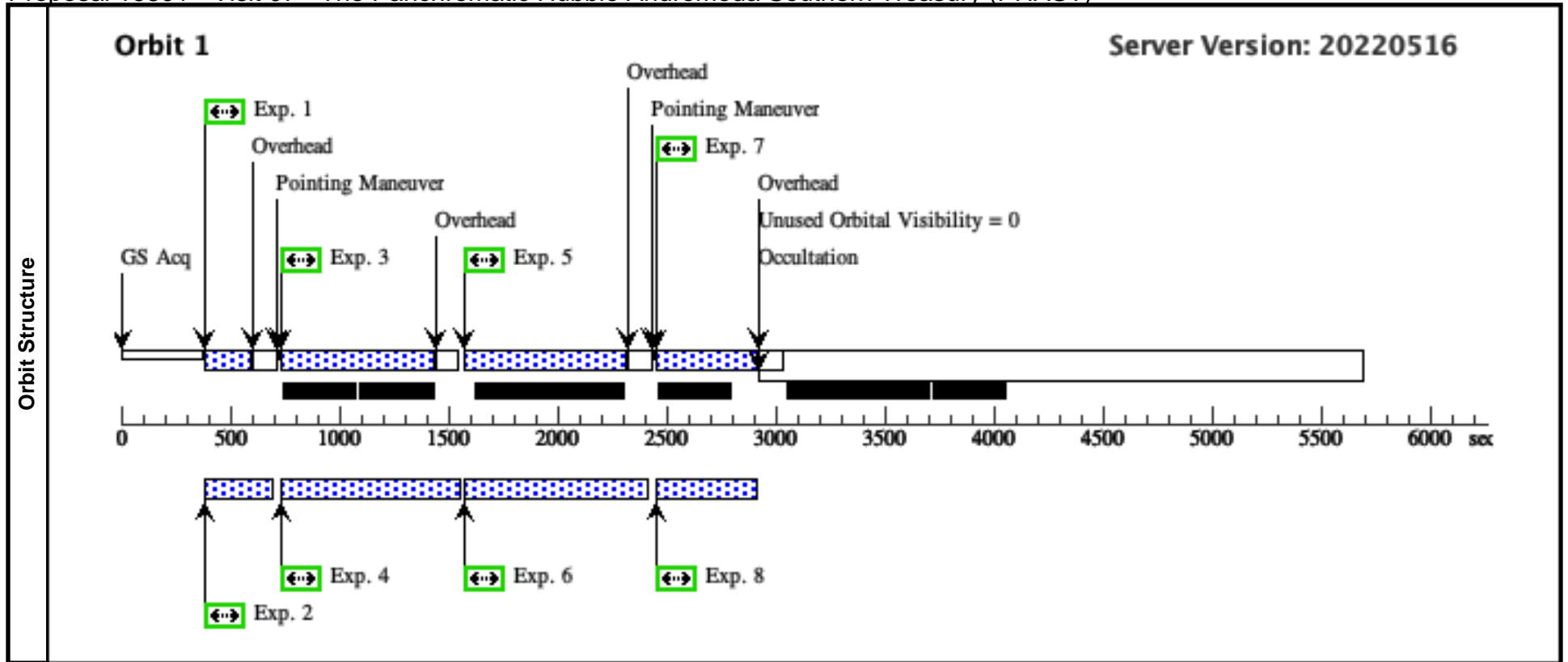
Tue Jul 19 20:03:09 GMT 2022

Visit	Proposal 16801, Visit 06, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 68D TO 68 D									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(11)	M31-B36-F06-UVIS	RA: 00 40 46.7733 (10.1948887d) Dec: +40 29 17.52 (40.48820d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Fixed Targets	(14)	M31-B36-F09-WFC	RA: 00 40 35.0324 (10.1459683d) Dec: +40 30 14.35 (40.50399d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F06-UVIS-F3 36W	(11) M31-B36-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Group 1-2 in Visit 06	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F09-WFC-F8 14W-short	(14) M31-B36-F09-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 06	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F06-UVIS-F3 36W	(11) M31-B36-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 06	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F09-WFC-F8 14W	(14) M31-B36-F09-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 06	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F06-UVIS-F2 75W	(11) M31-B36-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 06	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F09-WFC-F4 75W	(14) M31-B36-F09-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 06	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F06-UVIS-F2 75W	(11) M31-B36-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 06	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F09-WFC-F4 75W	(14) M31-B36-F09-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 06	337 Secs (337 Secs) [==>]	[1]

Proposal 16801 - Visit 07 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:09 GMT 2022

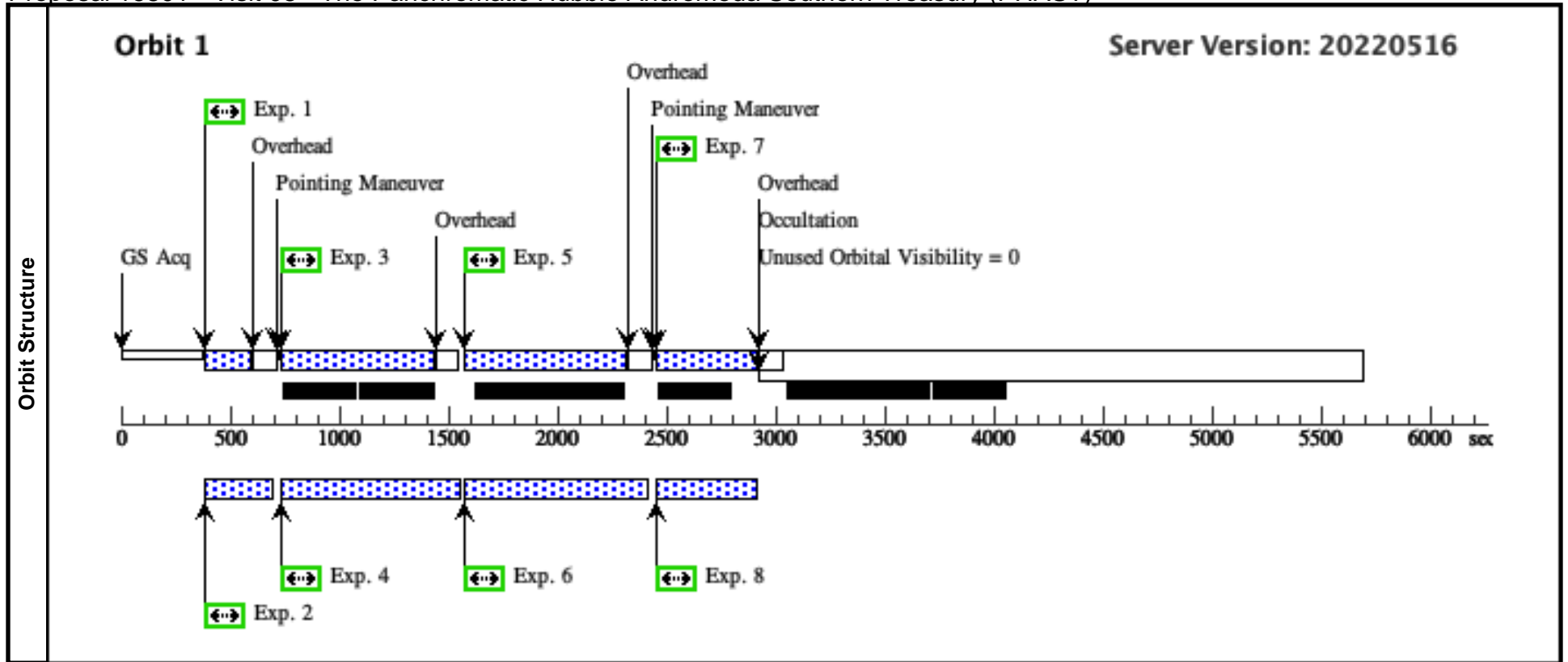
Visit	Proposal 16801, Visit 07, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 68D TO 68 D									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(13)	M31-B36-F07-UVIS	RA: 00 40 35.0324 (10.1459683d) Dec: +40 30 14.35 (40.50399d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Fixed Targets	(16)	M31-B36-F10-WFC	RA: 00 40 23.2915 (10.0970479d) Dec: +40 31 11.17 (40.51977d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F07-UVIS-F3 36W	(13) M31-B36-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Group 1-2 in Visit 07	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F10-WFC-F8 14W-short	(16) M31-B36-F10-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 07	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F07-UVIS-F3 36W	(13) M31-B36-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 07	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F10-WFC-F8 14W	(16) M31-B36-F10-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 07	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F07-UVIS-F2 75W	(13) M31-B36-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 07	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F10-WFC-F4 75W	(16) M31-B36-F10-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 07	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F07-UVIS-F2 75W	(13) M31-B36-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 07	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F10-WFC-F4 75W	(16) M31-B36-F10-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 07	337 Secs (337 Secs) [==>]	[1]



Proposal 16801 - Visit 08 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:09 GMT 2022

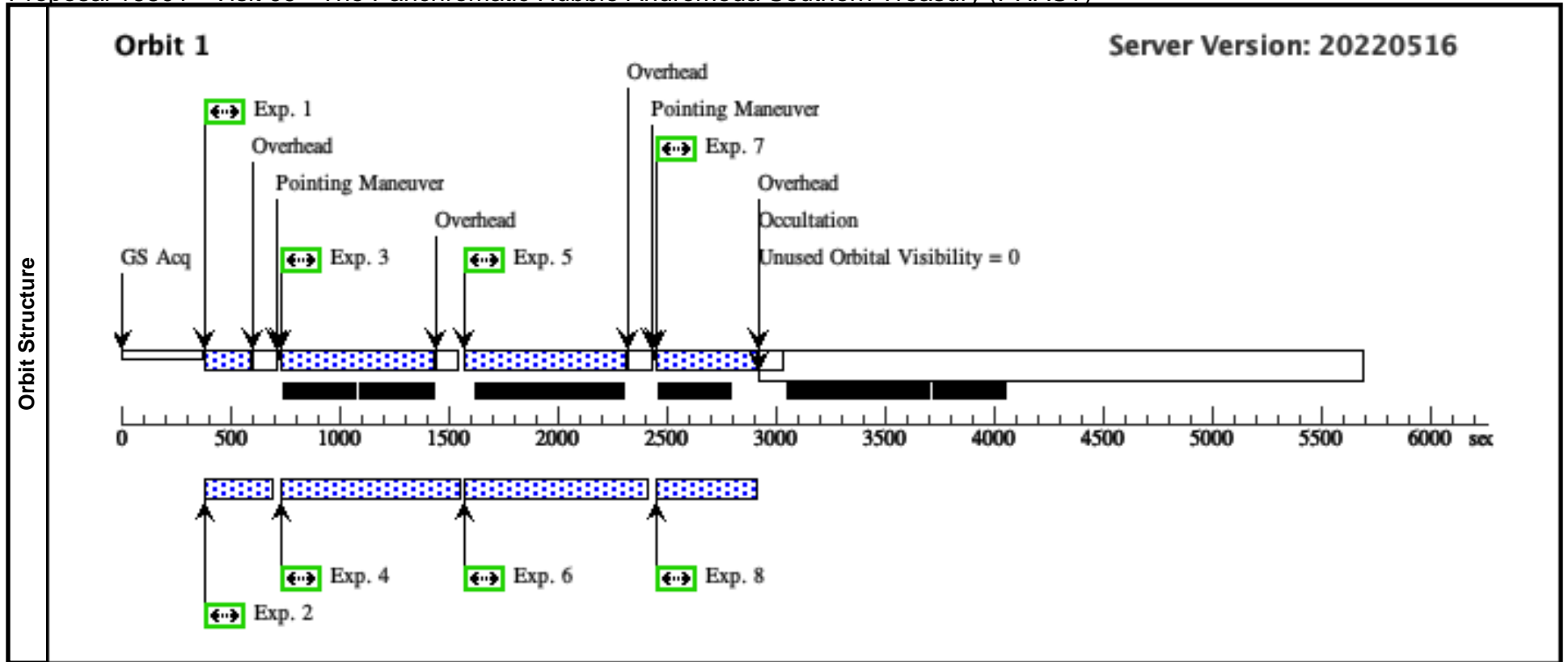
Visit	Proposal 16801, Visit 08, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 68D TO 68 D									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(15)	M31-B36-F08-UVIS	RA: 00 40 23.2915 (10.0970479d) Dec: +40 31 11.17 (40.51977d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Fixed Targets	(18)	M31-B36-F06-WFC	RA: 00 40 11.3401 (10.0472504d) Dec: +40 32 8.60 (40.53572d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F08-UVIS-F3 36W	(15) M31-B36-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Visit 08	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F06-WFC-F8 14W-short	(18) M31-B36-F06-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 08	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F08-UVIS-F3 36W	(15) M31-B36-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 08	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F06-WFC-F8 14W	(18) M31-B36-F06-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 08	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F08-UVIS-F2 75W	(15) M31-B36-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 08	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F06-WFC-F4 75W	(18) M31-B36-F06-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 08	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F08-UVIS-F2 75W	(15) M31-B36-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 08	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F06-WFC-F4 75W	(18) M31-B36-F06-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 08	337 Secs (337 Secs) [==>]	[1]



Proposal 16801 - Visit 09 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:09 GMT 2022

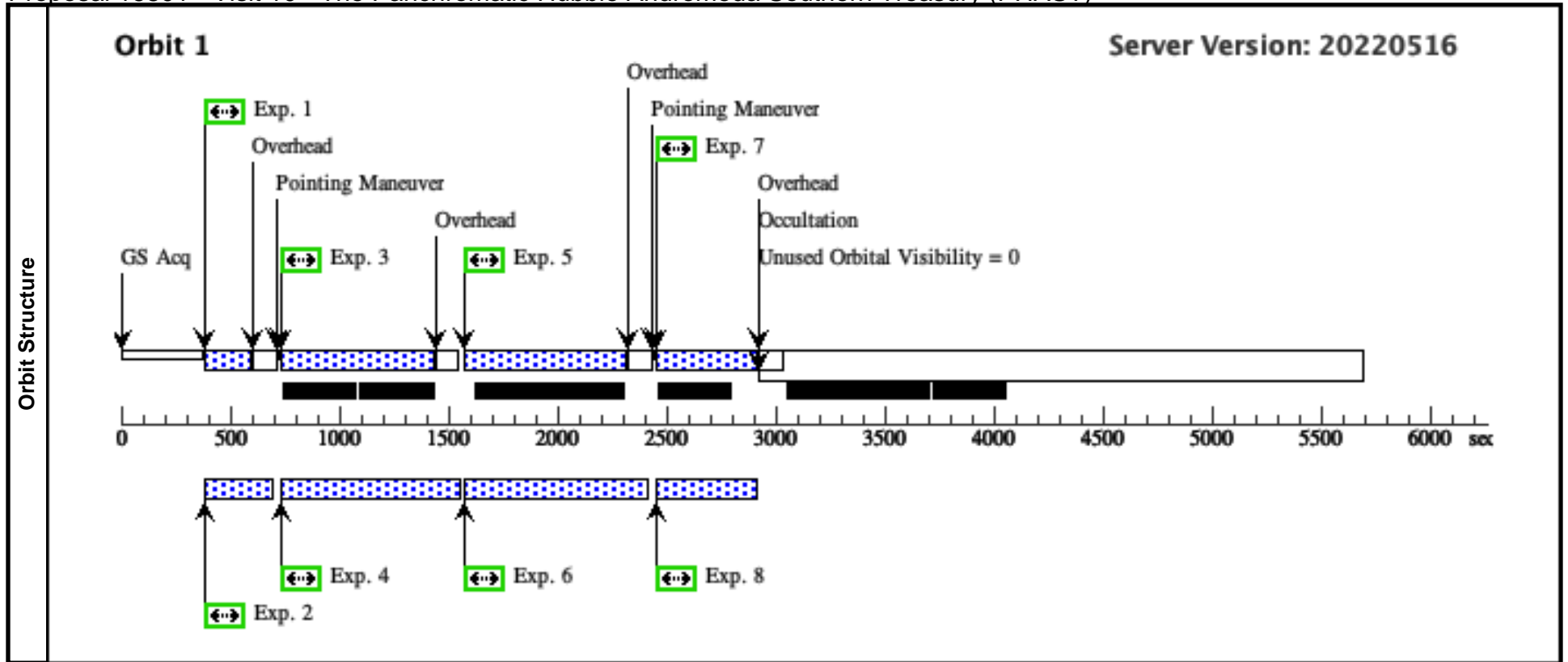
Visit	Proposal 16801, Visit 09, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 248D TO 248 D									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(17)	M31-B36-F09-UVIS	RA: 00 40 11.3401 (10.0472504d) Dec: +40 32 8.60 (40.53572d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Fixed Targets	(20)	M31-B36-F07-WFC	RA: 00 39 59.5992 (9.9983300d) Dec: +40 33 5.43 (40.55151d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F09-UVIS-F3 36W	(17) M31-B36-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Group 1-2 in Visit 09	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F07-WFC-F8 14W-short	(20) M31-B36-F07-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 09	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F09-UVIS-F3 36W	(17) M31-B36-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 09	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F07-WFC-F8 14W	(20) M31-B36-F07-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 09	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F09-UVIS-F2 75W	(17) M31-B36-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 09	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F07-WFC-F4 75W	(20) M31-B36-F07-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 09	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F09-UVIS-F2 75W	(17) M31-B36-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 09	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F07-WFC-F4 75W	(20) M31-B36-F07-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 09	337 Secs (337 Secs) [==>]	[1]



Proposal 16801 - Visit 10 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:09 GMT 2022

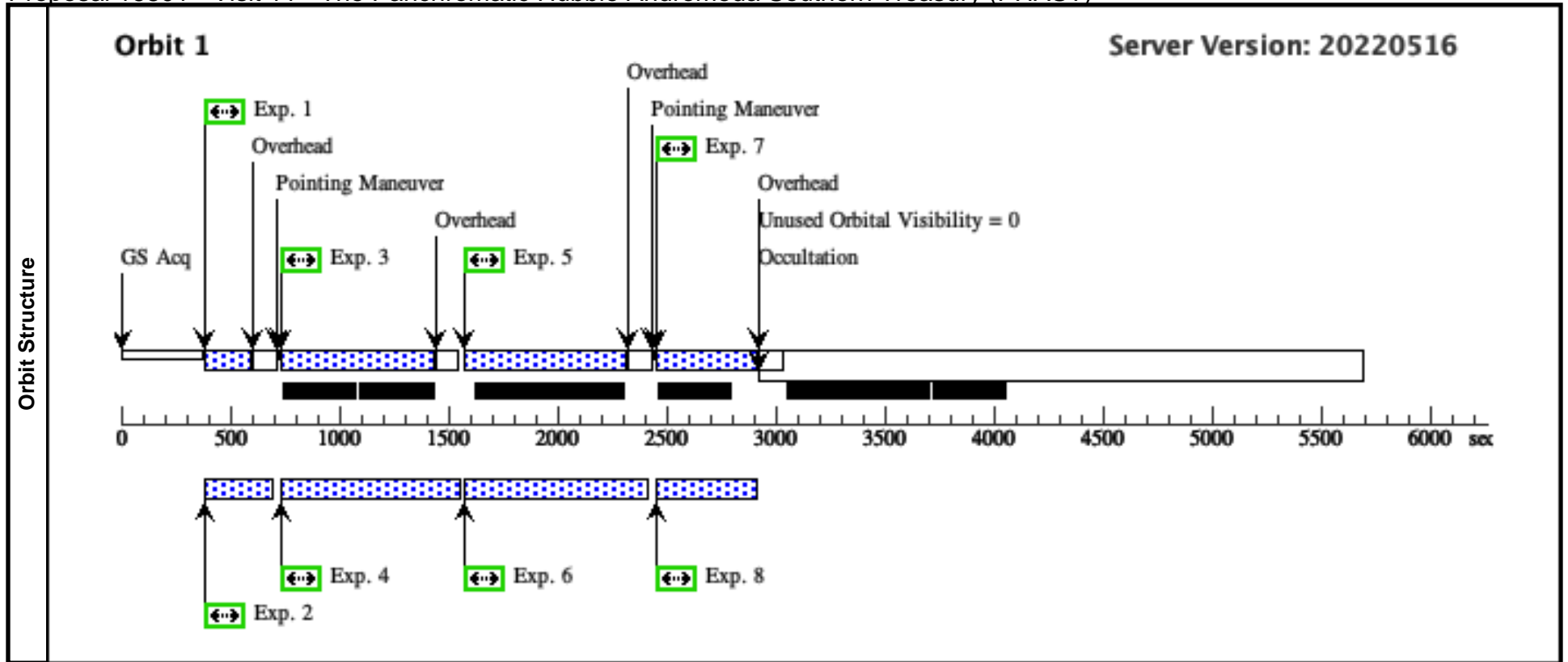
Visit	Proposal 16801, Visit 10, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 248D TO 248 D									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(12)	M31-B36-F08-WFC	RA: 00 40 46.7733 (10.1948887d) Dec: +40 29 17.52 (40.48820d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Fixed Targets	(19)	M31-B36-F10-UVIS	RA: 00 39 59.5992 (9.9983300d) Dec: +40 33 5.43 (40.55151d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F10-UVIS-F3 36W	(19) M31-B36-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Group 1-2 in Visit 10	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F08-WFC-F8 14W-short	(12) M31-B36-F08-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 10	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F10-UVIS-F3 36W	(19) M31-B36-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 10	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F08-WFC-F8 14W	(12) M31-B36-F08-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 10	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F10-UVIS-F2 75W	(19) M31-B36-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 10	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F08-WFC-F4 75W	(12) M31-B36-F08-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 10	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F10-UVIS-F2 75W	(19) M31-B36-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 10	462 Secs (462 Secs) [==>]	[1]
8	M31-B36-F08-WFC-F4 75W	(12) M31-B36-F08-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 10	337 Secs (337 Secs) [==>]	[1]	



Proposal 16801 - Visit 11 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:09 GMT 2022

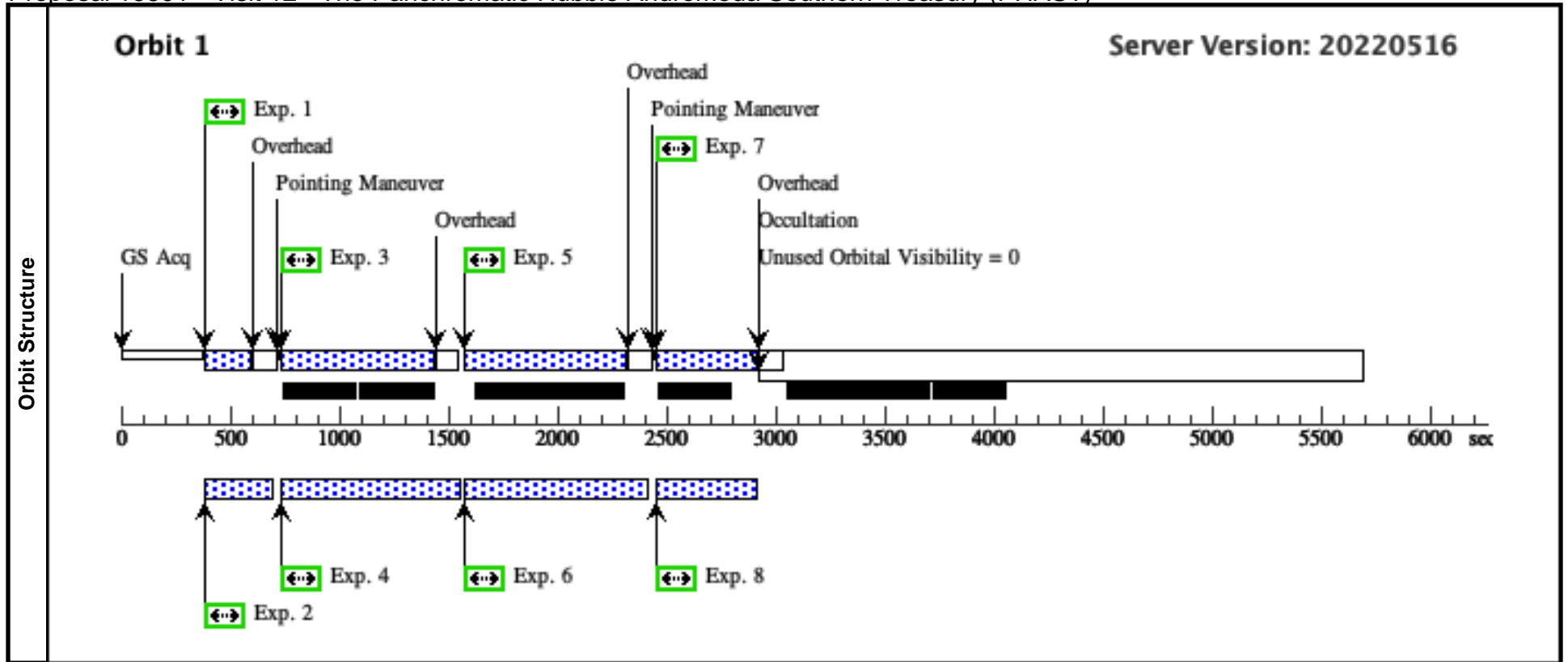
Visit	Proposal 16801, Visit 11, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 68D TO 68 D									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(21)	M31-B36-F11-UVIS	RA: 00 40 41.0291 (10.1709546d) Dec: +40 27 4.41 (40.45123d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Fixed Targets	(24)	M31-B36-F14-WFC	RA: 00 40 29.2882 (10.1220342d) Dec: +40 28 1.24 (40.46701d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F11-UVIS-F3 36W	(21) M31-B36-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Group 1-2 in Visit 11	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F14-WFC-F8 14W-short	(24) M31-B36-F14-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 11	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F11-UVIS-F3 36W	(21) M31-B36-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 11	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F14-WFC-F8 14W	(24) M31-B36-F14-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 11	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F11-UVIS-F2 75W	(21) M31-B36-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 11	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F14-WFC-F4 75W	(24) M31-B36-F14-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 11	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F11-UVIS-F2 75W	(21) M31-B36-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 11	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F14-WFC-F4 75W	(24) M31-B36-F14-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 11	337 Secs (337 Secs) [==>]	[1]



Proposal 16801 - Visit 12 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:09 GMT 2022

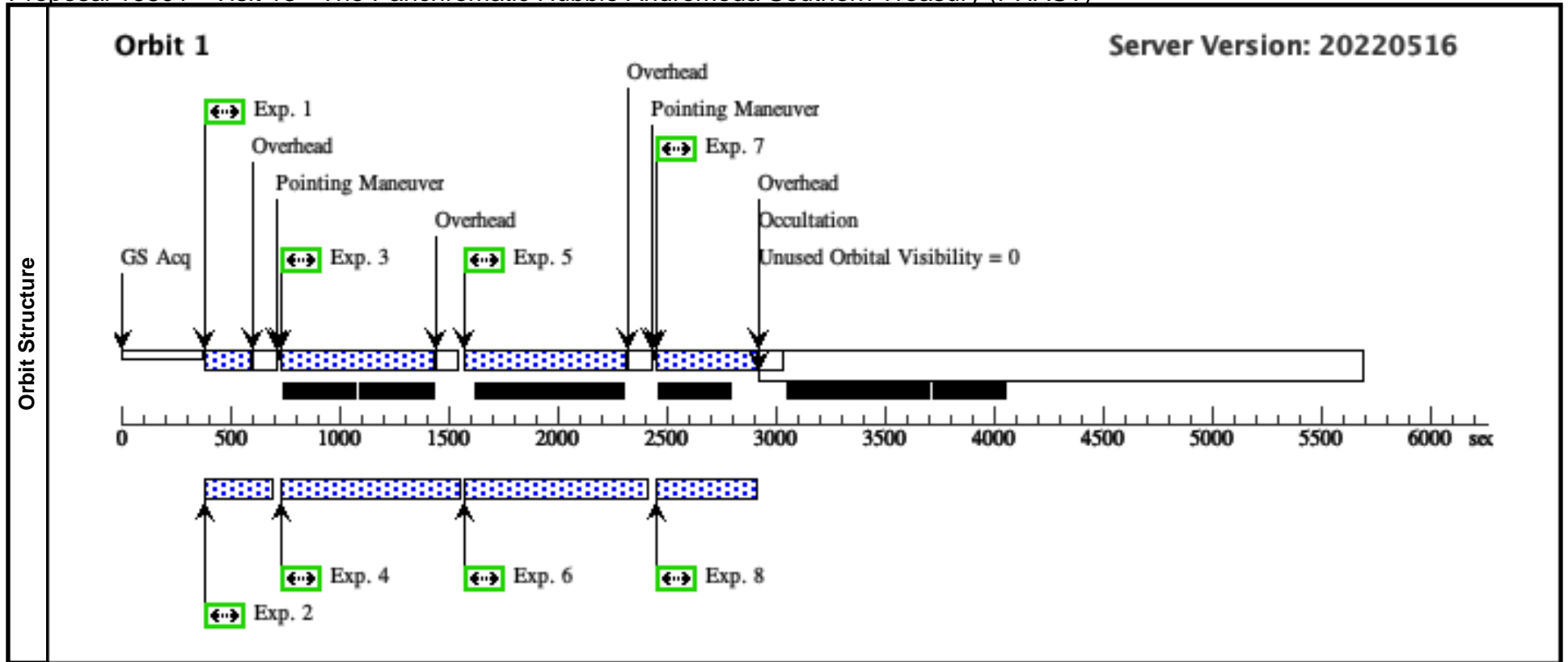
Visit	Proposal 16801, Visit 12, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 68D TO 68 D									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(23)	M31-B36-F12-UVIS	RA: 00 40 29.2882 (10.1220342d) Dec: +40 28 1.24 (40.46701d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Fixed Targets	(26)	M31-B36-F15-WFC	RA: 00 40 17.5473 (10.0731137d) Dec: +40 28 58.07 (40.48280d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F12-UVIS-F3 36W	(23) M31-B36-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Visit 12	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F15-WFC-F8 14W-short	(26) M31-B36-F15-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 12	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F12-UVIS-F3 36W	(23) M31-B36-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 12	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F15-WFC-F8 14W	(26) M31-B36-F15-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 12	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F12-UVIS-F2 75W	(23) M31-B36-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 12	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F15-WFC-F4 75W	(26) M31-B36-F15-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 12	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F12-UVIS-F2 75W	(23) M31-B36-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 12	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F15-WFC-F4 75W	(26) M31-B36-F15-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 12	337 Secs (337 Secs) [==>]	[1]



Proposal 16801 - Visit 13 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:09 GMT 2022

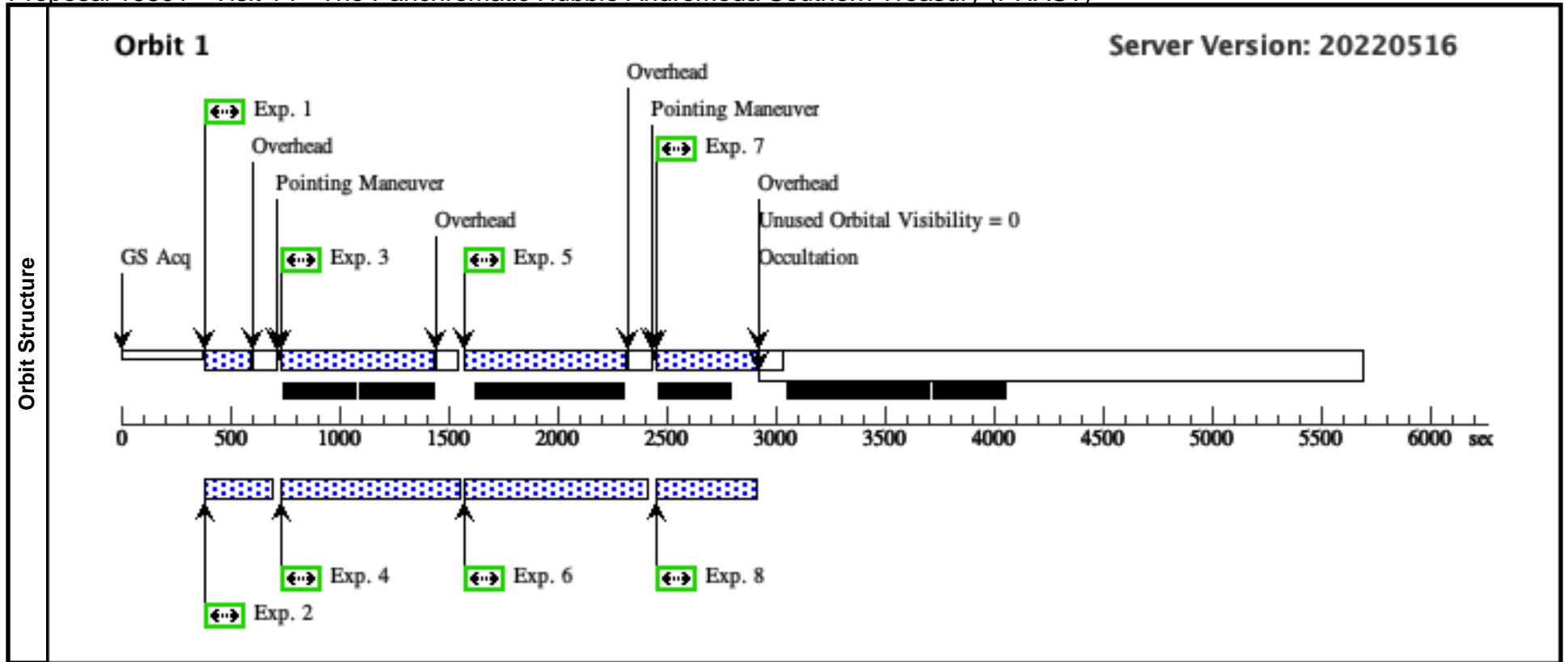
Visit	Proposal 16801, Visit 13, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 68D TO 68 D									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(25)	M31-B36-F13-UVIS	RA: 00 40 17.5473 (10.0731137d) Dec: +40 28 58.07 (40.48280d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Fixed Targets	(28)	M31-B36-F11-WFC	RA: 00 40 5.5959 (10.0233162d) Dec: +40 29 55.50 (40.49875d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F13-UVIS-F3 36W	(25) M31-B36-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0; GS ACQ SCENARI O BASE1B3	Prime + Parallel Group 1-2 in Visit 13	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F11-WFC-F8 14W-short	(28) M31-B36-F11-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 13	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F13-UVIS-F3 36W	(25) M31-B36-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 13	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F11-WFC-F8 14W	(28) M31-B36-F11-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 13	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F13-UVIS-F2 75W	(25) M31-B36-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 13	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F11-WFC-F4 75W	(28) M31-B36-F11-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 13	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F13-UVIS-F2 75W	(25) M31-B36-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 13	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F11-WFC-F4 75W	(28) M31-B36-F11-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 13	337 Secs (337 Secs) [==>]	[1]



Proposal 16801 - Visit 14 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:10 GMT 2022

Visit	Proposal 16801, Visit 14, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 248D TO 248 D									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(27)	M31-B36-F14-UVIS	RA: 00 40 5.5959 (10.0233162d) Dec: +40 29 55.50 (40.49875d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Fixed Targets	(30)	M31-B36-F12-WFC	RA: 00 39 53.8550 (9.9743958d) Dec: +40 30 52.32 (40.51453d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F14-UVIS-F3 36W	(27) M31-B36-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Group 1-2 in Visit 14	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F12-WFC-F8 14W-short	(30) M31-B36-F12-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 14	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F14-UVIS-F3 36W	(27) M31-B36-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 14	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F12-WFC-F8 14W	(30) M31-B36-F12-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 14	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F14-UVIS-F2 75W	(27) M31-B36-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 14	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F12-WFC-F4 75W	(30) M31-B36-F12-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 14	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F14-UVIS-F2 75W	(27) M31-B36-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 14	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F12-WFC-F4 75W	(30) M31-B36-F12-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 14	337 Secs (337 Secs) [==>]	[1]



Proposal 16801 - Visit 15 - The Panchromatic Hubble Andromeda Southern Treasury (PHAST)

Tue Jul 19 20:03:10 GMT 2022

Visit	Proposal 16801, Visit 15, completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: SCHED 100%; ORIENT 248D TO 248 D									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(22)	M31-B36-F13-WFC	RA: 00 40 41.0291 (10.1709546d) Dec: +40 27 4.41 (40.45123d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Fixed Targets	(29)	M31-B36-F15-UVIS	RA: 00 39 53.8550 (9.9743958d) Dec: +40 30 52.32 (40.51453d) Equinox: J2000		V=20+/-0.1	Reference Frame: ICRS				
	<i>Comments:</i> Category=GALAXY Description=[DISK, SPIRAL, SPIRAL ARM, STAR FORMING REGION]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	M31-B36-F15-UVIS-F3 36W	(29) M31-B36-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=18.0	POS TARG 0,0	Prime + Parallel Group 1-2 in Visit 15	178 Secs (178 Secs) [==>]	[1]
	2	M31-B36-F13-WFC-F8 14W-short	(22) M31-B36-F13-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 15	104 Secs (104 Secs) [==>]	[1]
	3	M31-B36-F15-UVIS-F3 36W	(29) M31-B36-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=14.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 3-4 in Visit 15	700 Secs (700 Secs) [==>]	[1]
	4	M31-B36-F13-WFC-F8 14W	(22) M31-B36-F13-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 15	700 Secs (700 Secs) [==>]	[1]
	5	M31-B36-F15-UVIS-F2 75W	(29) M31-B36-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 2.1582,2 .475	Prime + Parallel Group 5-6 in Visit 15	720 Secs (720 Secs) [==>]	[1]
	6	M31-B36-F13-WFC-F4 75W	(22) M31-B36-F13-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 5-6 in Visit 15	679 Secs (679 Secs) [==>]	[1]
	7	M31-B36-F15-UVIS-F2 75W	(29) M31-B36-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=19.0	POS TARG 0,0	Prime + Parallel Group 7-8 in Visit 15	462 Secs (462 Secs) [==>]	[1]
	8	M31-B36-F13-WFC-F4 75W	(22) M31-B36-F13-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 7-8 in Visit 15	337 Secs (337 Secs) [==>]	[1]

