



# 17844 - The Origin of the Virgo Intergalactic Population

Cycle: 32, Proposal Category: GO

(Availability Mode: SUPPORTED)

## INVESTIGATORS

<i>Name</i>	<i>Institution</i>
<b>Dr. Michael D. Gregg (PI) (Contact)</b>	<b>University of California - Davis</b>
Dr. Chris Mihos (CoI)	Case Western Reserve University
Prof. Dante Minniti (CoI)	Universidad Andres Bello
Dr. Marina Rejkuba (CoI) (ESA Member)	European Southern Observatory - Germany
Dr. Douglas L. Welch (CoI) (CSA Member)	McMaster University
Dr. Michael J. West (CoI)	Eureka Scientific Inc.

## 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>
15	(10) VIRGO-INTERGALACTIC-FIELD-W ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:17.0	yes
16	(10) VIRGO-INTERGALACTIC-FIELD-W ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:18.0	yes
17	(10) VIRGO-INTERGALACTIC-FIELD-W ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:19.0	yes
18	(10) VIRGO-INTERGALACTIC-FIELD-W ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:19.0	yes

Proposal 17844 (STScI Edit Number: 4, Created: Tuesday, March 24, 2026, 1:00:32PM 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>
25	(20) VIRGO-INTERGALACTIC-FIELD-SE ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:20.0	yes
26	(20) VIRGO-INTERGALACTIC-FIELD-SE ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:21.0	yes
27	(20) VIRGO-INTERGALACTIC-FIELD-SE ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:21.0	yes
28	(20) VIRGO-INTERGALACTIC-FIELD-SE ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:22.0	yes
35	(30) VIRGO-INTERGALACTIC-FIELD-E ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:23.0	yes
36	(30) VIRGO-INTERGALACTIC-FIELD-E ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:23.0	yes
37	(30) VIRGO-INTERGALACTIC-FIELD-E ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:24.0	yes
39	(30) VIRGO-INTERGALACTIC-FIELD-E ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:25.0	yes
38	(30) VIRGO-INTERGALACTIC-FIELD-E ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:25.0	yes
45	(40) VIRGO-INTERGALACTIC-FIELD-M86 ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:26.0	yes
46	(40) VIRGO-INTERGALACTIC-FIELD-M86 ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:26.0	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>
49	(40) VIRGO-INTERGALACTIC-FIELD-M86 ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:27.0	yes
47	(40) VIRGO-INTERGALACTIC-FIELD-M86 ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:28.0	yes
48	(40) VIRGO-INTERGALACTIC-FIELD-M86 ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:28.0	yes
4A	(40) VIRGO-INTERGALACTIC-FIELD-M86 ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:29.0	yes
55	(50) VIRGO-INTERGALACTIC-FIELD-SW ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:30.0	yes
56	(50) VIRGO-INTERGALACTIC-FIELD-SW ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:30.0	yes
57	(50) VIRGO-INTERGALACTIC-FIELD-SW ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:31.0	yes
58	(50) VIRGO-INTERGALACTIC-FIELD-SW ANY	ACS/WFC WFC3/IR	1	24-Mar-2026 14:00:32.0	yes

23 Total Orbits Used

### **ABSTRACT**

The intracluster light (ICL) is a major component of galaxy clusters, and contains a record of the galaxies destroyed during hierarchical assembly of the cluster. This proposal addresses three issues critical to understanding the origin and evolution of intergalactic populations, using resolved star WFC3/IR photometry of intergalactic fields in the Virgo cluster. Foremost, we will probe the age distribution of Virgo's intracluster stars via the period distribution of bright AGB

variable stars, a tool successfully deployed to study stellar populations in elliptical galaxies.

By spreading the observations over 8 epochs and two HST cycles (4+4), we can determine periods and reveal the age spread of the intracluster stars, opening a new window on their origin and evolution.

Second, IR color magnitude diagrams from the stacked imaging will establish the metallicity distribution function of the ICL, constraining the luminosity function and abundances of the galaxies that have been dismembered in assembling the intracluster population. Third, by observing five fields around the core of the cluster, we will trace how spatially well-mixed the ICL population is and how its age and metallicity vary across diverse environments, and thus measure its evolutionary state. While JWST will extend photometric work on the Virgo ICL, period determination of LPVs with JWST is very difficult because of its restricted visibility window in Virgo. It is therefore critical to begin these multi-cycle observations while time permits before the end of HST's lifetime.

## **OBSERVING DESCRIPTION**

WFC3/IR will image five intergalactic fields in F110W and F160W. The observations will be spread over 8 one-orbit visits and two HST cycles (four visits in each cycle) to detect and phase variable stars with periods up to at least 750d. The data will be taken with SPARS50, dividing each orbit into 3 F110W and 3 F160W exposures. These will be dithered in each visit to mitigate the effect of the IR blobs, and then with tight dithers between each visit for bad pixels.

The visits will occur in two orients, ~300deg and ~120deg to achieve optimum spacing of the epochs for phasing. Using just two orients 180deg apart preserves the field coverage between epochs, as well as maximizes the depth of the parallel fields.

We request SAA-free orbits because of the sensitivity of the IR detectors to SAA passage. We realize this is a limited resource, but

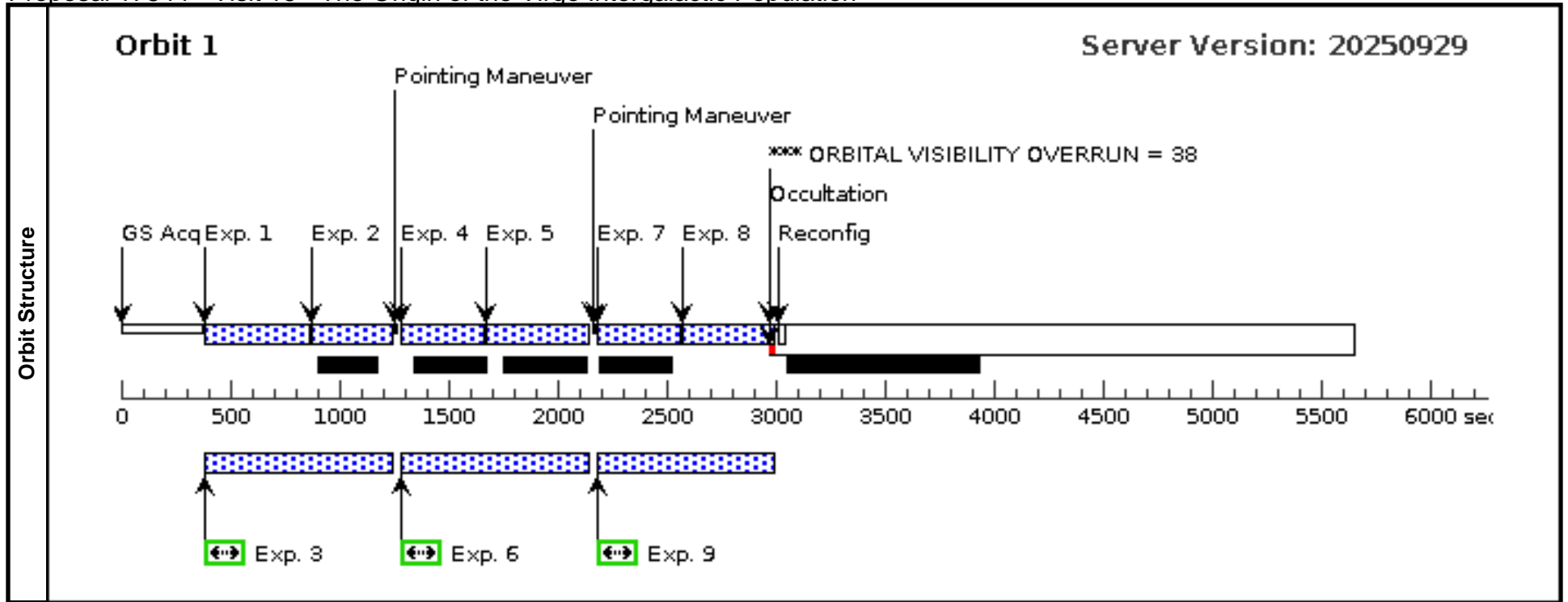
since one goal is to make as deep a CMD as possible, and having reliable photometry at each epoch is necessary for the detection and phasing of the variables, SAA-free time ensures the success of the project. Our single orbit visits facilitate this scheduling.

During the WFC3/IR observations, ACS/WFC will be in the intergalactic reaches of Virgo and can contribute further valuable data to the study of the ICL and Virgo population. We will obtain F606W and F814W images, to maximize depth and be compatible with other deep imaging done with HST in Virgo. The images will be 1 F606W exposure and 2 F814W in each epoch for the parallels

Proposal 17844 - Visit 15 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:32 GMT 2026

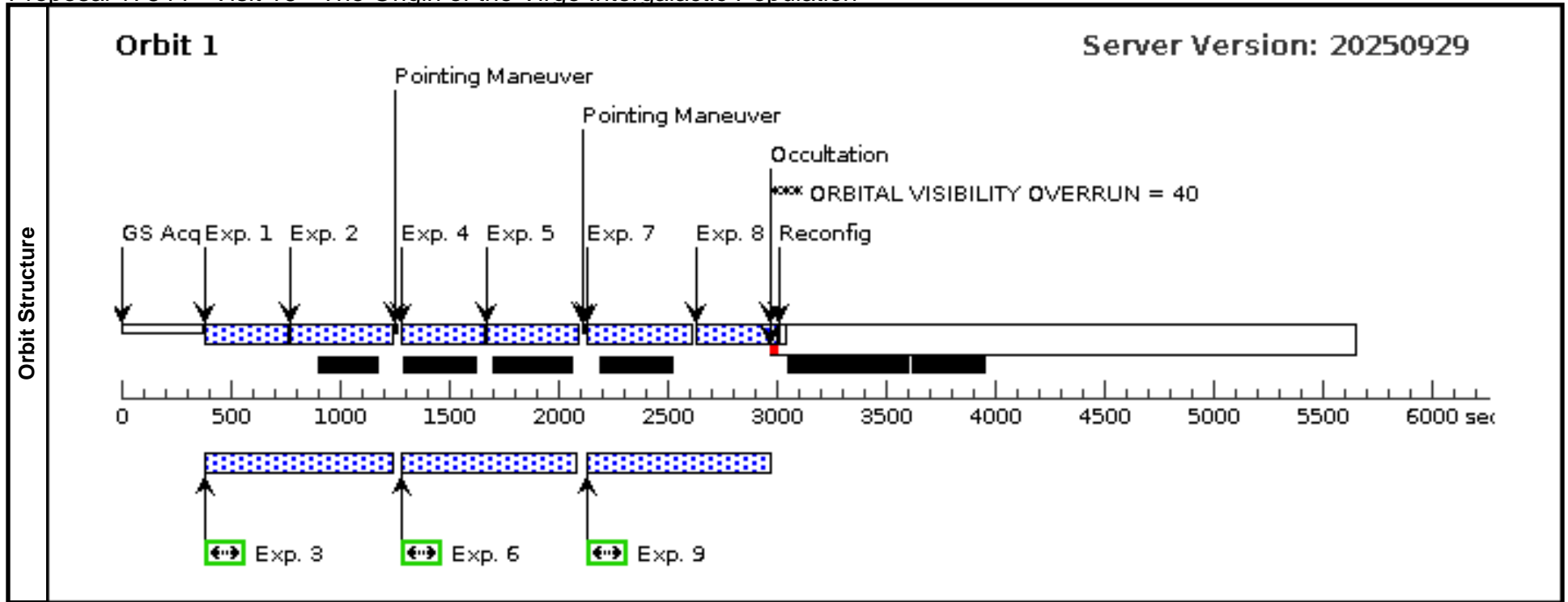
<b>Visit</b>	Proposal 17844, Visit 15, completed <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 290D TO 293 D; BETWEEN 19-FEB-2025:00:00:00 AND 22-FEB-2025:00:00:00									
	(Visit 15) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>			<b>Fluxes</b>	<b>Miscellaneous</b>		
	(10)	VIRGO-INTERGALACTIC-FIELD-W	RA: 12 28 14.4195 (187.0600812d) Dec: +12 33 27.30 (12.55758d) Equinox: J2000				V=28+/-2.0	Reference Frame: ICRS		
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0,0; GS ACQ SCENARIO BASEION3	Prime + Parallel Group 1-3 in Visit 15	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 15	352.935448 Secs (352.935 Secs) [==>]	[1]
	3	ANY		ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 15	658 Secs (658 Secs) [==>]	[1]
	4		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.700,0.261	Prime + Parallel Group 4-6 in Visit 15	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 15	452.93635 Secs (452.936 Secs) [==>]	[1]
	6	ANY		ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 15	685 Secs (685 Secs) [==>]	[1]
	7		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.564,2.036	Prime + Parallel Group 7-9 in Visit 15	352.935448 Secs (352.935 Secs) [==>]	[1]
	8		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 15	402.935899 Secs (402.936 Secs) [==>]	[1]
	9	ANY		ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 15	685 Secs (685 Secs) [==>]	[1]



Proposal 17844 - Visit 16 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:32 GMT 2026

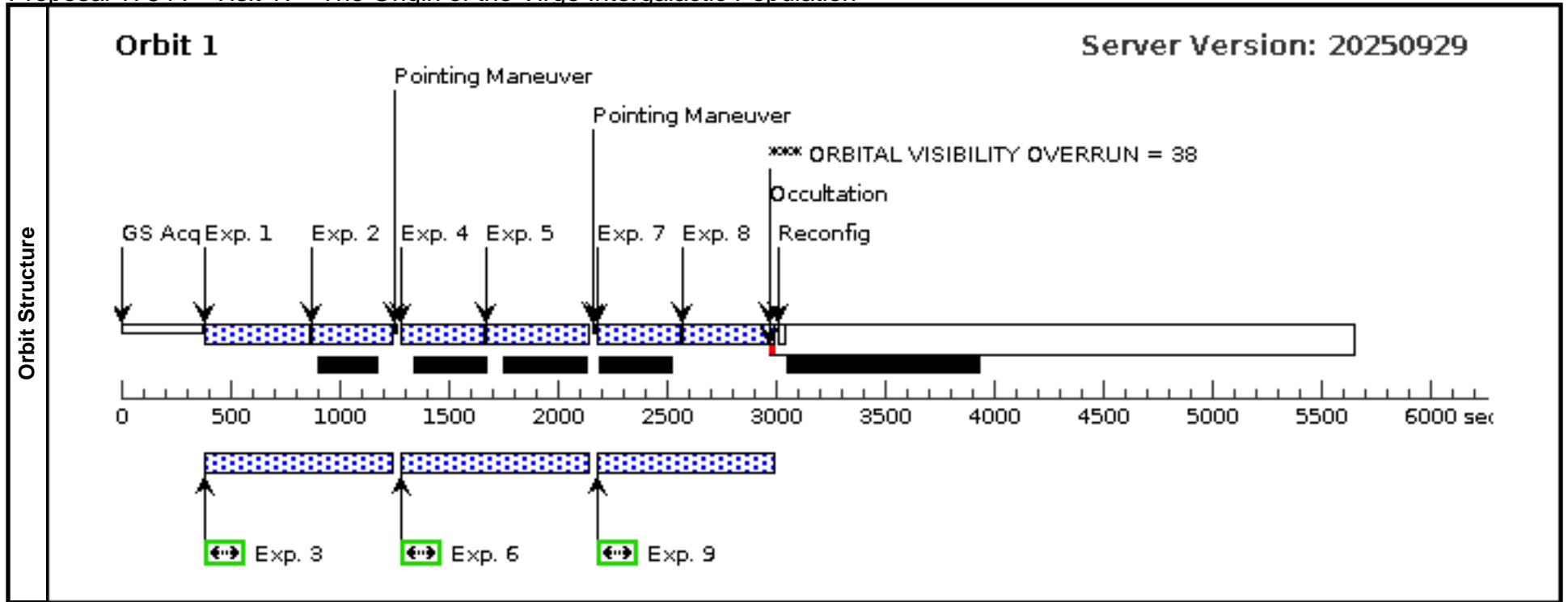
<b>Visit</b>	<b>Proposal 17844, Visit 16, completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BETWEEN 27-MAY-2025:00:00:00 AND 31-MAY-2025:00:00:00									
	(Visit 16) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>			<b>Fluxes</b>	<b>Miscellaneous</b>		
	(10)	VIRGO-INTERGALACTIC-FIELD-W	RA: 12 28 14.4195 (187.0600812d) Dec: +12 33 27.30 (12.55758d) Equinox: J2000				V=28+/-2.0	Reference Frame: ICRS		
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 3.518,0.624	Prime + Parallel Group 1-3 in Visit 16	352.935448 Secs (352.935 Secs) [==>]	[1]
	2		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 16	452.93635 Secs (452.936 Secs) [==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 1-3 in Visit 16	655 Secs (655 Secs) [==>]	[1]
	4		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.020,2.602	Prime + Parallel Group 4-6 in Visit 16	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 16	402.935899 Secs (402.936 Secs) [==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 16	680 Secs (680 Secs) [==>]	[1]
	7		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0.228,0.283; GS ACQ SCENARIO BASE10N3	Prime + Parallel Group 7-9 in Visit 16	452.93635 Secs (452.936 Secs) [==>]	[1]
	8		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 16	352.935448 Secs (352.935 Secs) [==>]	[1]
	9		ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 7-9 in Visit 16	658 Secs (658 Secs) [==>]	[1]



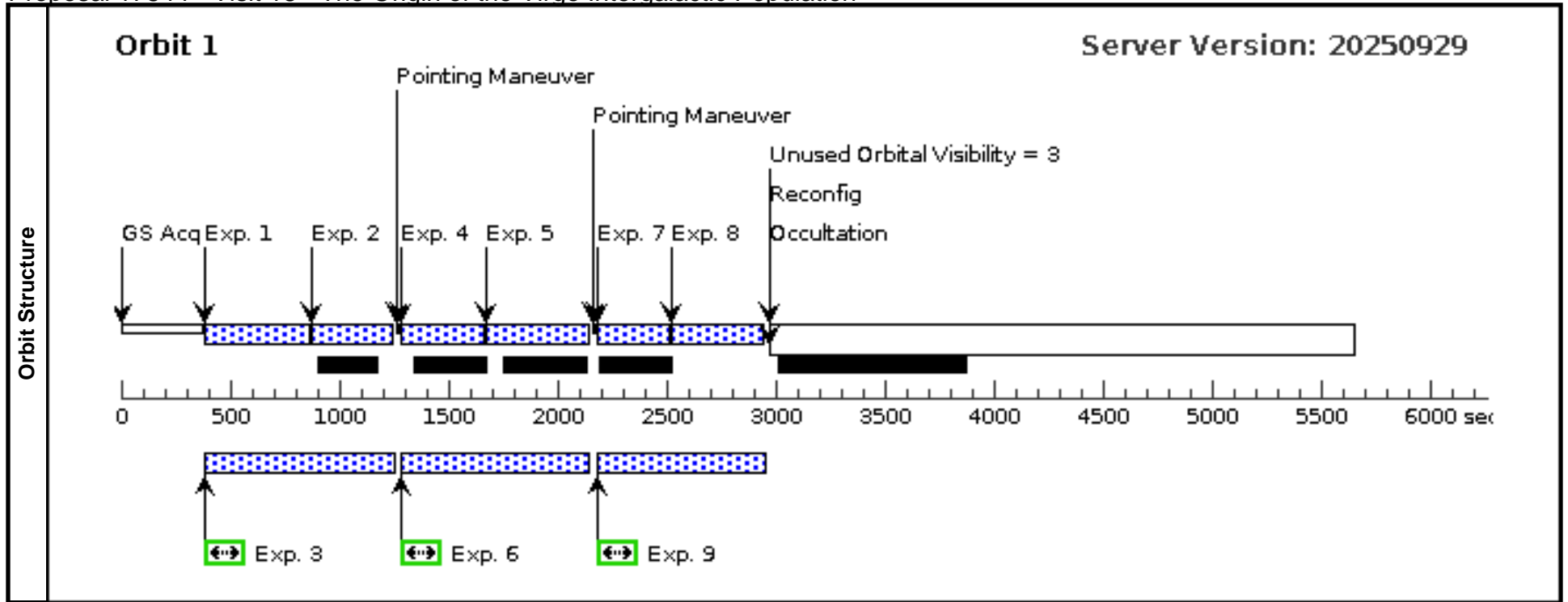
Proposal 17844 - Visit 17 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:32 GMT 2026

<b>Visit</b>	<b>Proposal 17844, Visit 17, completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 15; BETWEEN 22-DEC-2025:00:00:00 AND 26-DEC-2025:00:00:00									
	(Visit 17) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(10)	VIRGO-INTERGALACTIC-FIELD-W	RA: 12 28 14.4195 (187.0600812d) Dec: +12 33 27.30 (12.55758d) Equinox: J2000		V=28+/-2.0	Reference Frame: ICRS				
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0,0; GS ACQ SCENARI O BASEION3	Prime + Parallel Group 1-3 in Visit 17	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 17	352.935448 Secs (352.935 Secs) [==>]	[1]
	3	ANY		ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 17	658 Secs (658 Secs) [==>]	[1]
	4		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.700,0.261	Prime + Parallel Group 4-6 in Visit 17	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 17	452.93635 Secs (452.936 Secs) [==>]	[1]
	6	ANY		ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 17	685 Secs (685 Secs) [==>]	[1]
	7		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.564,2.036	Prime + Parallel Group 7-9 in Visit 17	352.935448 Secs (352.935 Secs) [==>]	[1]
	8		(10) VIRGO-INTERGALACTIC-FIELD-W	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 17	402.935899 Secs (402.936 Secs) [==>]	[1]
	9	ANY		ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 17	685 Secs (685 Secs) [==>]	[1]



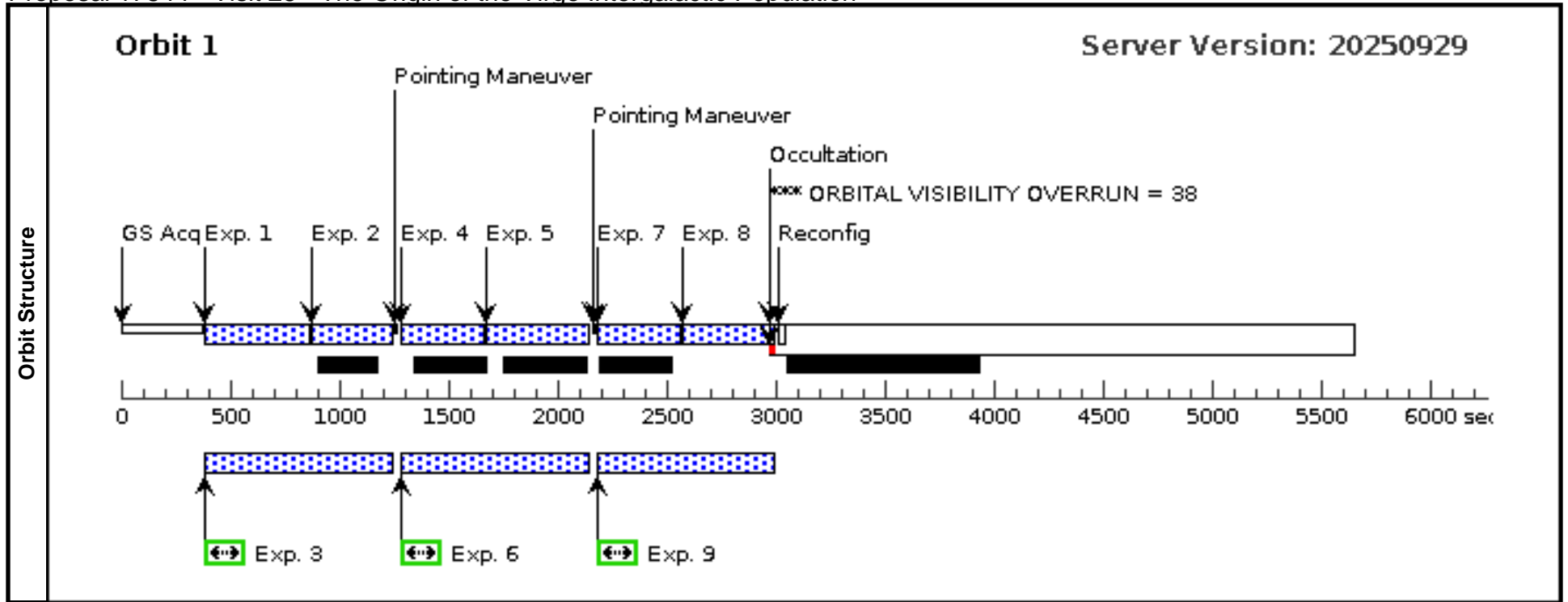




Proposal 17844 - Visit 25 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:32 GMT 2026

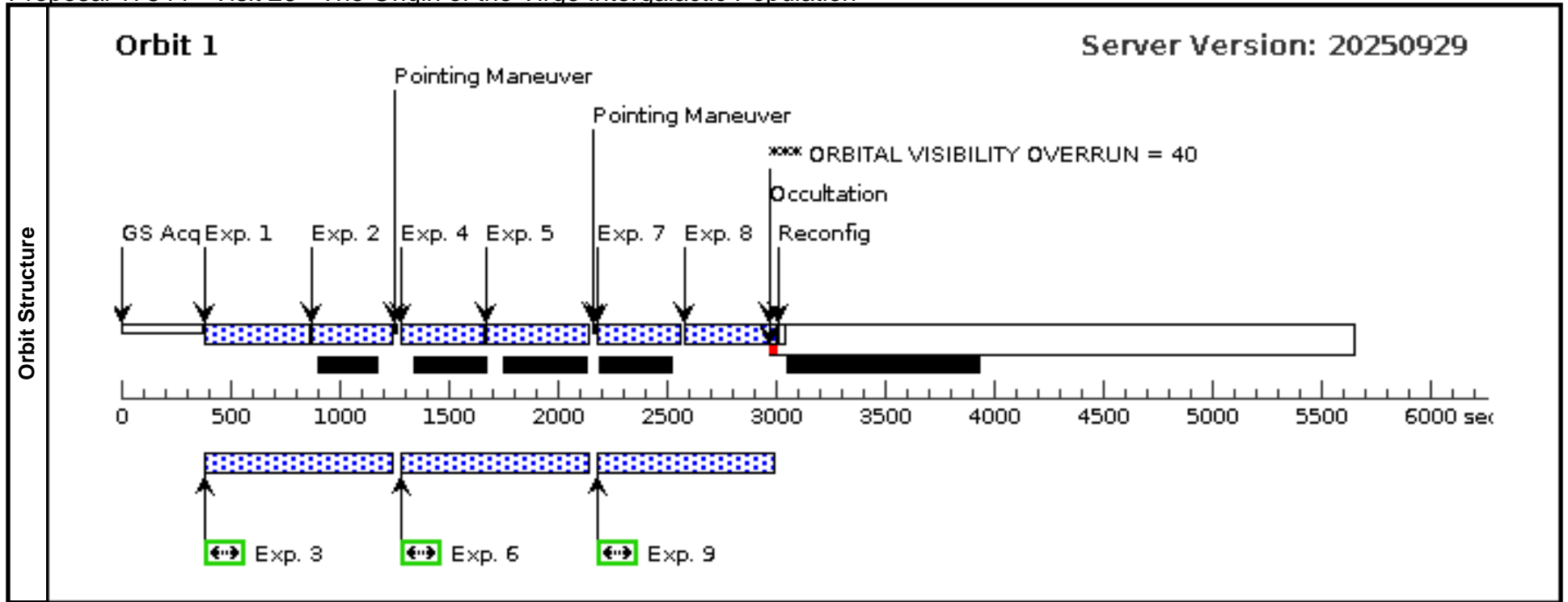
<b>Visit</b>	<b>Proposal 17844, Visit 25, completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 290D TO 300 D; BETWEEN 22-FEB-2025:00:00:00 AND 25-FEB-2025:00:00:00									
	(Visit 25) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>			<b>Fluxes</b>	<b>Miscellaneous</b>		
	(20)	VIRGO-INTERGALACTIC-FIELD-SE	RA: 12 34 28.0000 (188.6166667d) Dec: +11 48 59.00 (11.81639d) Equinox: J2000				V=28+/-2.0	Reference Frame: ICRS		
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0,0; GS ACQ SCENARI O BASEION3	Prime + Parallel Group 1-3 in Visit 25	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 25	352.935448 Secs (352.935 Secs) [==>]	[1]
	3	ANY		ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 25	658 Secs (658 Secs) [==>]	[1]
	4		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.700,0.261	Prime + Parallel Group 4-6 in Visit 25	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 25	452.93635 Secs (452.936 Secs) [==>]	[1]
	6	ANY		ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 25	685 Secs (685 Secs) [==>]	[1]
	7		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.564,2.036	Prime + Parallel Group 7-9 in Visit 25	352.935448 Secs (352.935 Secs) [==>]	[1]
	8		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 25	402.935899 Secs (402.936 Secs) [==>]	[1]
	9	ANY		ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 25	685 Secs (685 Secs) [==>]	[1]



Proposal 17844 - Visit 26 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:32 GMT 2026

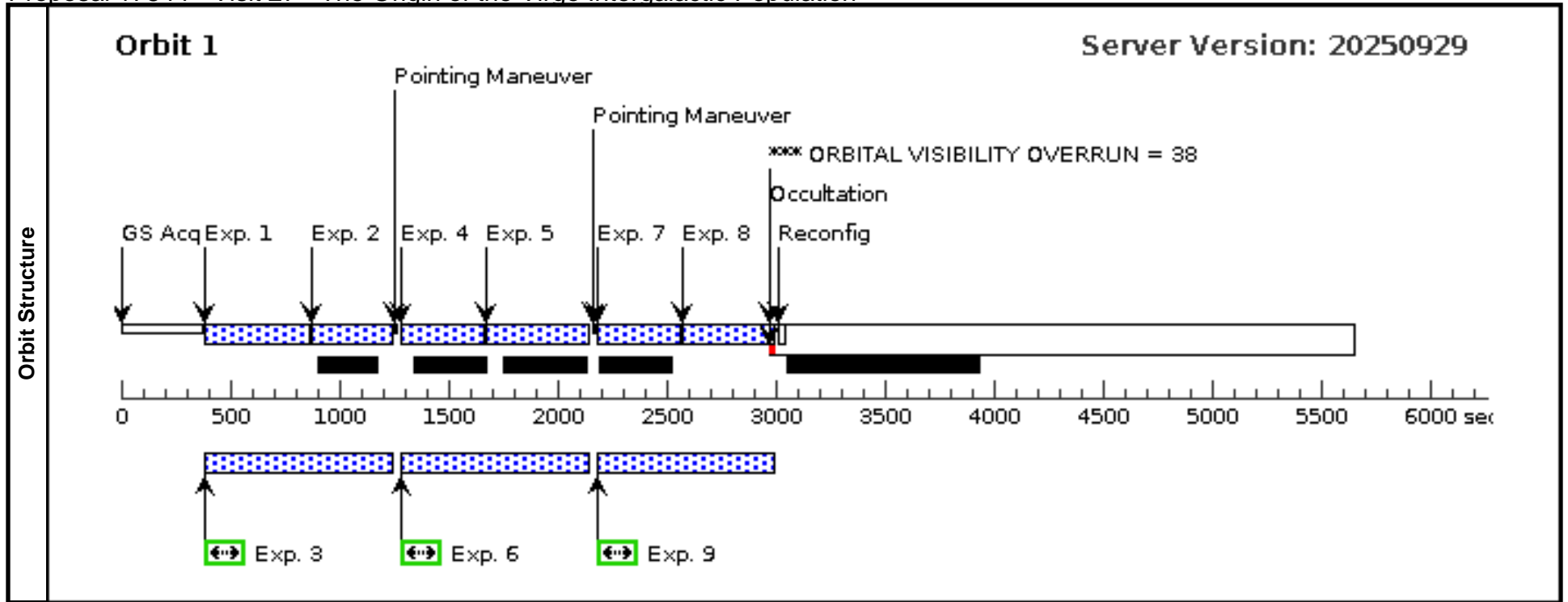
<b>Visit</b>	<b>Proposal 17844, Visit 26, completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BETWEEN 24-MAY-2025:00:00:00 AND 28-MAY-2025:00:00:00									
	(Visit 26) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(20)	VIRGO-INTERGALACTIC-FIELD-SE	RA: 12 34 28.0000 (188.6166667d) Dec: +11 48 59.00 (11.81639d) Equinox: J2000		V=28+/-2.0	Reference Frame: ICRS				
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0.228,0.283; GS ACQ SCENARI O BASEION3	Prime + Parallel Group 1-3 in Visit 26	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 26	352.935448 Secs (352.935 Secs) [==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 26	658 Secs (658 Secs) [==>]	[1]
	4		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 3.518,0.624	Prime + Parallel Group 4-6 in Visit 26	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 26	452.93635 Secs (452.936 Secs) [==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 26	685 Secs (685 Secs) [==>]	[1]
	7		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.020,2.602	Prime + Parallel Group 7-9 in Visit 26	352.935448 Secs (352.935 Secs) [==>]	[1]
	8		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 26	402.935899 Secs (402.936 Secs) [==>]	[1]
	9		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 26	685 Secs (685 Secs) [==>]	[1]



Proposal 17844 - Visit 27 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:32 GMT 2026

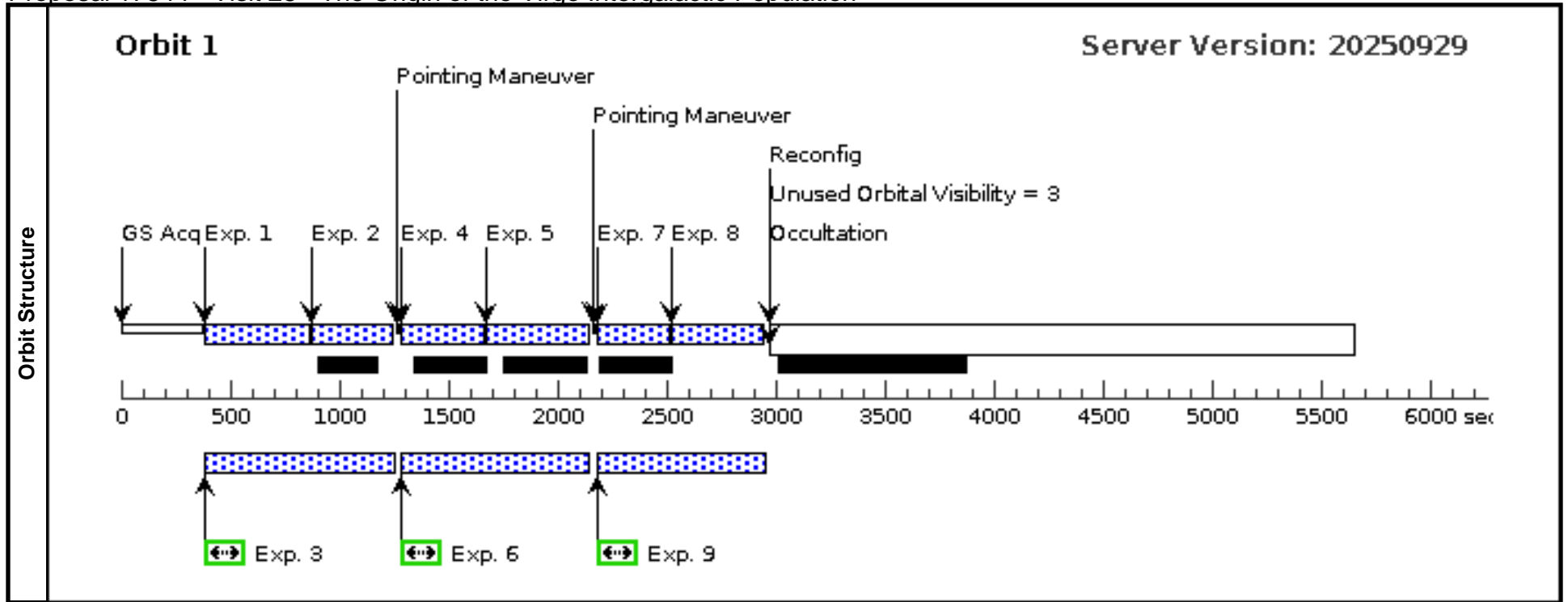
<b>Visit</b>	<b>Proposal 17844, Visit 27, completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 25; BETWEEN 21-DEC-2025:00:00:00 AND 26-DEC-2025:00:00:00									
	(Visit 27) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>			<b>Fluxes</b>	<b>Miscellaneous</b>		
	(20)	VIRGO-INTERGALACTIC-FIELD-SE	RA: 12 34 28.0000 (188.6166667d) Dec: +11 48 59.00 (11.81639d) Equinox: J2000				V=28+/-2.0	Reference Frame: ICRS		
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0,0; GS ACQ SCENARIO BASE10N3	Prime + Parallel Group 1-3 in Visit 27	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 27	352.935448 Secs (352.935 Secs) [==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 27	658 Secs (658 Secs) [==>]	[1]
	4		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.700,0.261	Prime + Parallel Group 4-6 in Visit 27	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 27	452.93635 Secs (452.936 Secs) [==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 27	685 Secs (685 Secs) [==>]	[1]
	7		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.564,2.036	Prime + Parallel Group 7-9 in Visit 27	352.935448 Secs (352.935 Secs) [==>]	[1]
	8		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 27	402.935899 Secs (402.936 Secs) [==>]	[1]
	9		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 27	685 Secs (685 Secs) [==>]	[1]



Proposal 17844 - Visit 28 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:32 GMT 2026

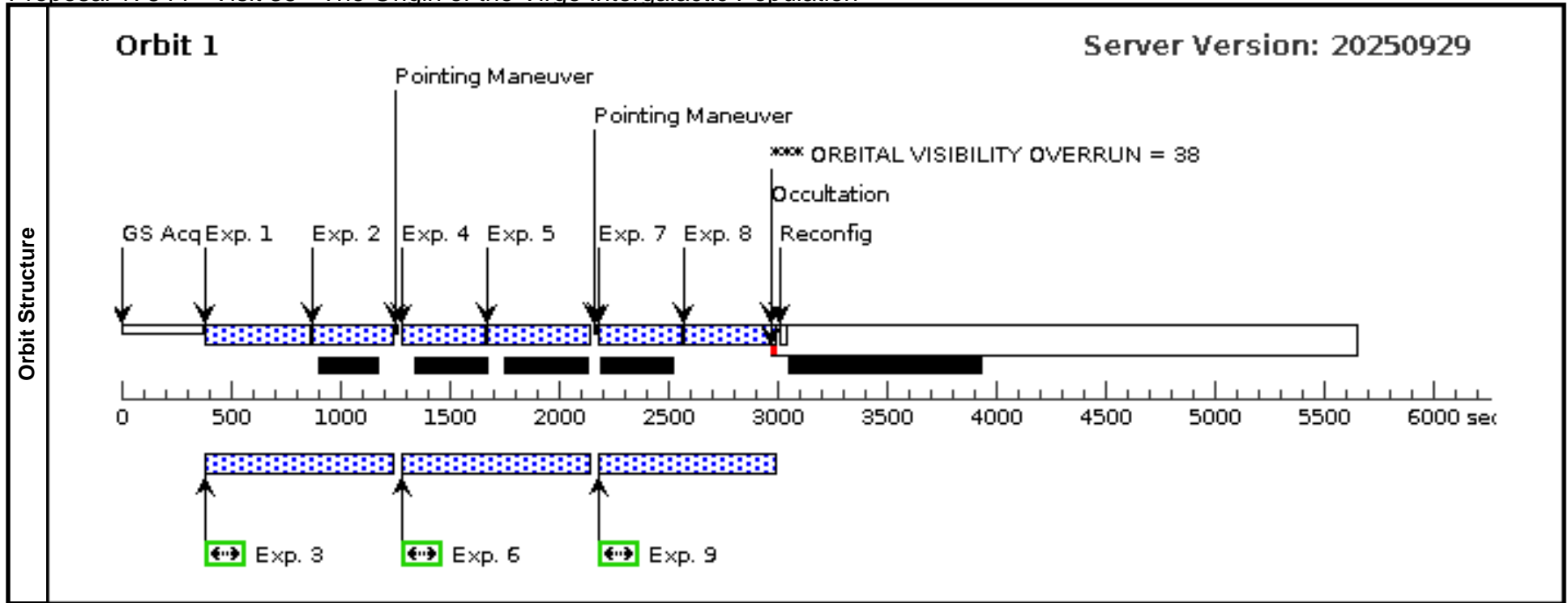
Visit	<b>Proposal 17844, Visit 28, completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 25; BETWEEN 18-FEB-2026:00:00:00 AND 21-FEB-2026:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(20)	VIRGO-INTERGALACTIC-FIELD-SE	RA: 12 34 28.0000 (188.6166667d) Dec: +11 48 59.00 (11.81639d) Equinox: J2000			V=28+/-2.0	Reference Frame: ICRS			
	Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG -0.228,-0.283; GS ACQ SCENARIO BASE10N3	Prime + Parallel Group 1-3 in Visit 28	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 28	352.935448 Secs (352.935 Secs) [==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 28	660 Secs (660 Secs) [==>]	[1]
	4		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.882,-0.102	Prime + Parallel Group 4-6 in Visit 28	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 28	452.93635 Secs (452.936 Secs) [==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 28	685 Secs (685 Secs) [==>]	[1]
	7		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG 1.108,1.470	Prime + Parallel Group 7-9 in Visit 28	302.934997 Secs (302.935 Secs) [==>]	[1]
	8		(20) VIRGO-INTERGALACTIC-FIELD-SE	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 28	402.935899 Secs (402.936 Secs) [==>]	[1]
	9		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 28	650 Secs (650 Secs) [==>]	[1]



Proposal 17844 - Visit 35 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:32 GMT 2026

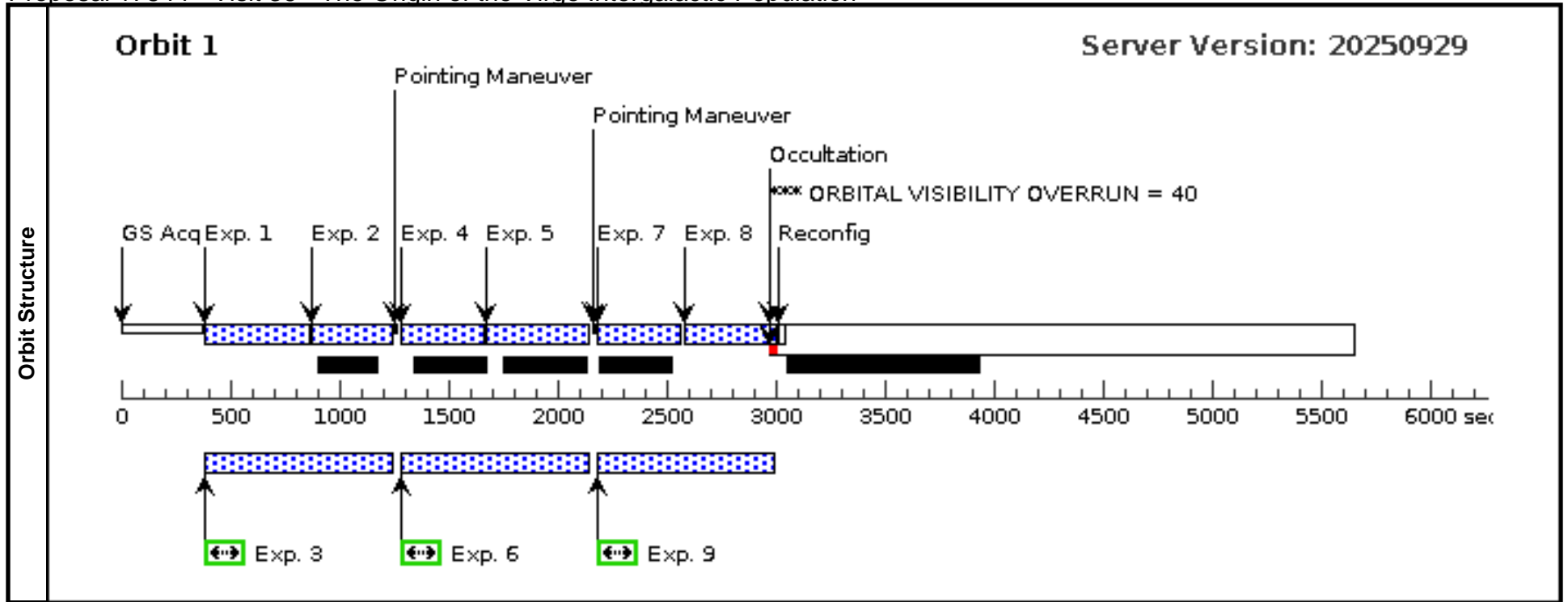
<b>Visit</b>	<b>Proposal 17844, Visit 35, completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 290D TO 300 D; BETWEEN 20-FEB-2025:00:00:00 AND 25-FEB-2025:00:00:00									
	(Visit 35) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>			<b>Fluxes</b>	<b>Miscellaneous</b>		
	(30)	VIRGO-INTERGALACTIC-FIELD-E	RA: 12 30 45.5260 (187.6896917d) Dec: +12 59 25.48 (12.99041d) Equinox: J2000				V=28+/-2.0	Reference Frame: ICRS		
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0,0; GS ACQ SCENARI O BASEION3	Prime + Parallel Group 1-3 in Visit 35	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 35	352.935448 Secs (352.935 Secs) [==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 35	658 Secs (658 Secs) [==>]	[1]
	4		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.700,0.261	Prime + Parallel Group 4-6 in Visit 35	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 35	452.93635 Secs (452.936 Secs) [==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 35	685 Secs (685 Secs) [==>]	[1]
	7		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.564,2.036	Prime + Parallel Group 7-9 in Visit 35	352.935448 Secs (352.935 Secs) [==>]	[1]
	8		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 35	402.935899 Secs (402.936 Secs) [==>]	[1]
	9		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 35	685 Secs (685 Secs) [==>]	[1]



Proposal 17844 - Visit 36 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:32 GMT 2026

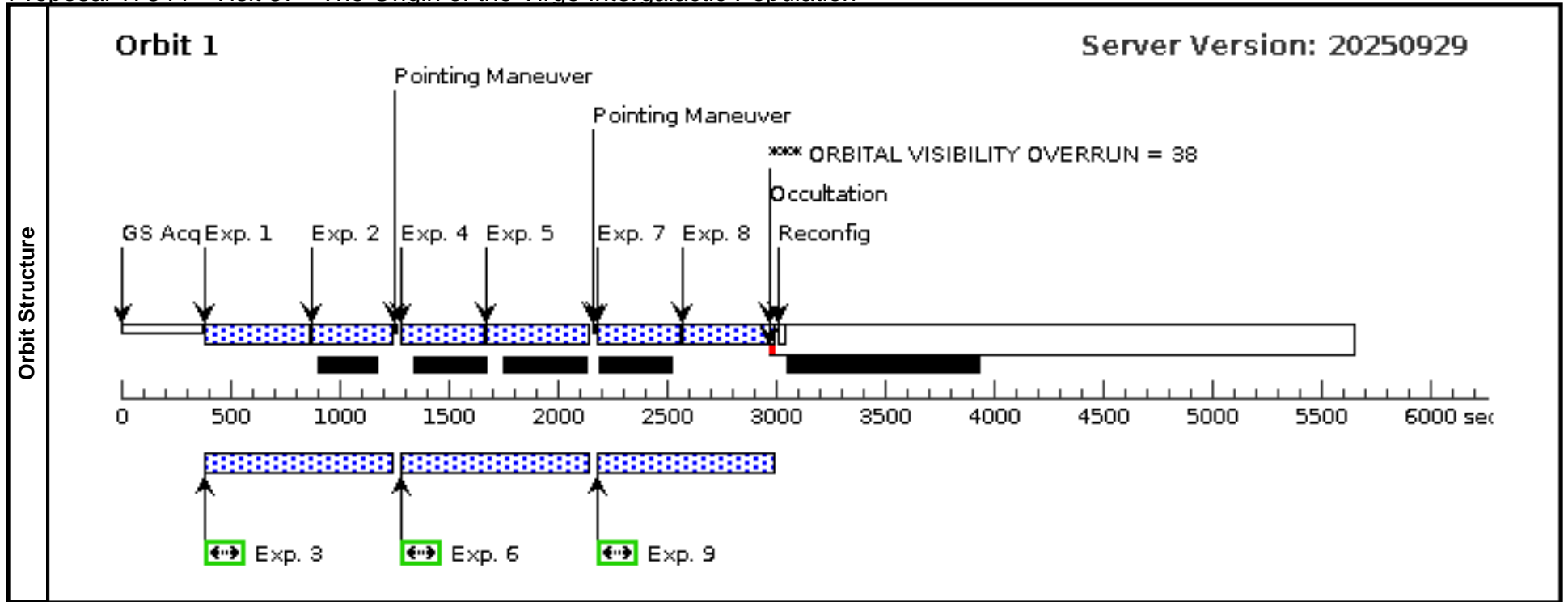
<b>Visit</b>	<b>Proposal 17844, Visit 36, completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BETWEEN 26-MAY-2025:00:00:00 AND 30-MAY-2025:00:00:00									
	(Visit 36) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(30)	VIRGO-INTERGALACTIC-FIELD-E	RA: 12 30 45.5260 (187.6896917d) Dec: +12 59 25.48 (12.99041d) Equinox: J2000		V=28+/-2.0	Reference Frame: ICRS				
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0.228,0.283; GS ACQ SCENARIO BASEION3	Prime + Parallel Group 1-3 in Visit 36	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 36	352.935448 Secs (352.935 Secs) [==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 36	658 Secs (658 Secs) [==>]	[1]
	4		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 3.518,0.624	Prime + Parallel Group 4-6 in Visit 36	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 36	452.93635 Secs (452.936 Secs) [==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 36	685 Secs (685 Secs) [==>]	[1]
	7		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.020,2.602	Prime + Parallel Group 7-9 in Visit 36	352.935448 Secs (352.935 Secs) [==>]	[1]
	8		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 36	402.935899 Secs (402.936 Secs) [==>]	[1]
	9		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 36	685 Secs (685 Secs) [==>]	[1]



Proposal 17844 - Visit 37 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:32 GMT 2026

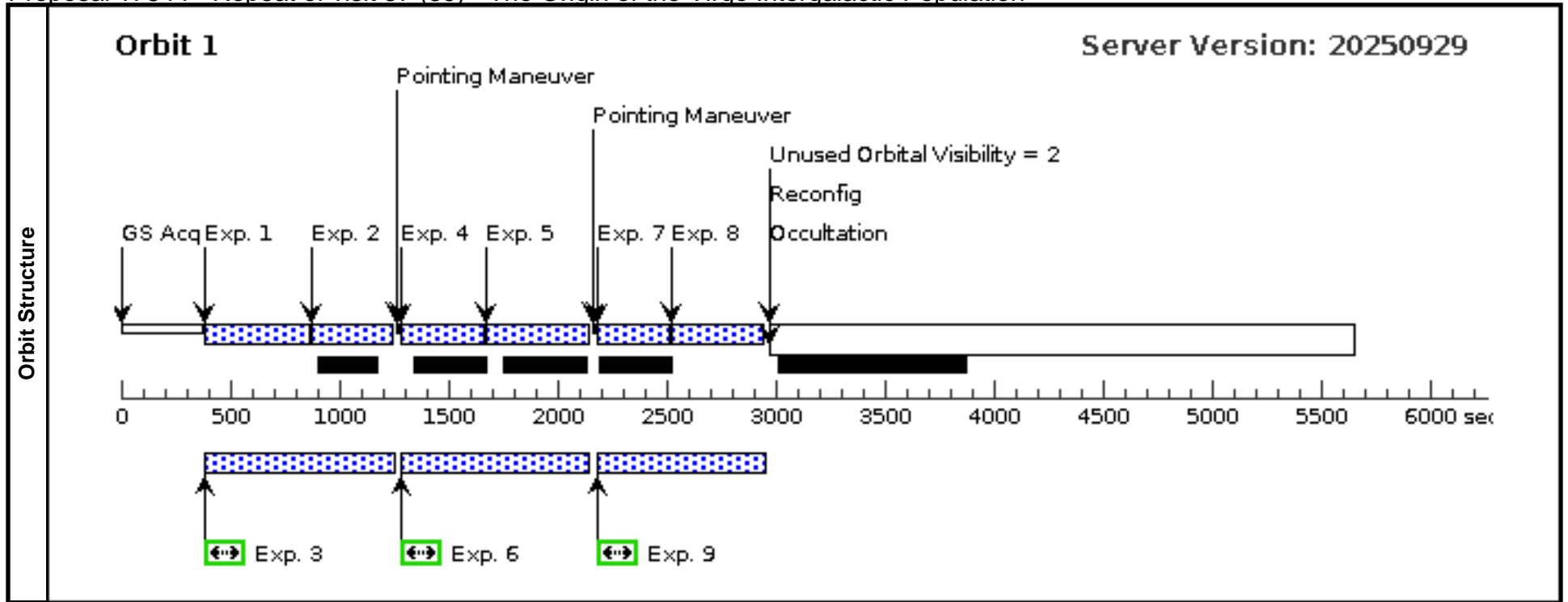
<b>Visit</b>	<b>Proposal 17844, Visit 37, failed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 35; BETWEEN 22-DEC-2025:00:00:00 AND 27-DEC-2025:00:00:00									
	(Visit 37) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(30)	VIRGO-INTERGALACTIC-FIELD-E	RA: 12 30 45.5260 (187.6896917d) Dec: +12 59 25.48 (12.99041d) Equinox: J2000		V=28+/-2.0	Reference Frame: ICRS				
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0,0; GS ACQ SCENARIO BASE10N3	Prime + Parallel Group 1-3 in Visit 37	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 37	352.935448 Secs (352.935 Secs) [==>]	[1]
	3	ANY		ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 37	658 Secs (658 Secs) [==>]	[1]
	4		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.700,0.261	Prime + Parallel Group 4-6 in Visit 37	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 37	452.93635 Secs (452.936 Secs) [==>]	[1]
	6	ANY		ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 37	685 Secs (685 Secs) [==>]	[1]
	7		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.564,2.036	Prime + Parallel Group 7-9 in Visit 37	352.935448 Secs (352.935 Secs) [==>]	[1]
	8		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 37	402.935899 Secs (402.936 Secs) [==>]	[1]
	9	ANY		ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 37	685 Secs (685 Secs) [==>]	[1]



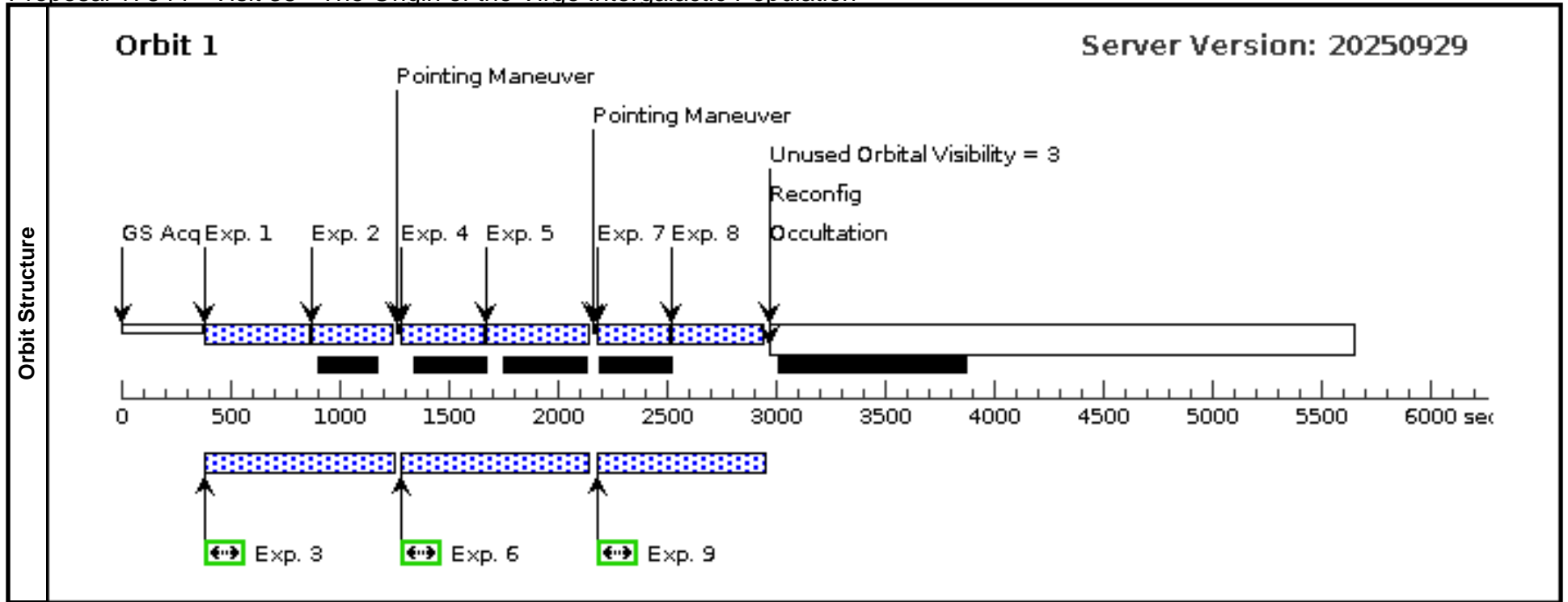
Proposal 17844 - Repeat of visit 37 (39) - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:32 GMT 2026

Visit	<b>Proposal 17844, Repeat of visit 37 (39), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 285D TO 300 D; AFTER 28-FEB-2026									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(30)	VIRGO-INTERGALACTIC-FIELD-E	RA: 12 30 45.5260 (187.6896917d) Dec: +12 59 25.48 (12.99041d) Equinox: J2000		V=28+/-2.0	Reference Frame: ICRS				
	Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0.0; GS ACQ SCENARIO BASE10N3	Prime + Parallel Group 1-3 in Repeat of visit 37 (39)	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Repeat of visit 37 (39)	352.935448 Secs (352.935 Secs) [==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Repeat of visit 37 (39)	660 Secs (660 Secs) [==>]	[1]
	4		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.700,0.261	Prime + Parallel Group 4-6 in Repeat of visit 37 (39)	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Repeat of visit 37 (39)	452.93635 Secs (452.936 Secs) [==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Repeat of visit 37 (39)	685 Secs (685 Secs) [==>]	[1]
	7		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG 1.564,2.036	Prime + Parallel Group 7-9 in Repeat of visit 37 (39)	302.934997 Secs (302.935 Secs) [==>]	[1]
	8		(30) VIRGO-INTERGALACTIC-FIELD-E	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Repeat of visit 37 (39)	402.935899 Secs (402.936 Secs) [==>]	[1]
	9		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Repeat of visit 37 (39)	650 Secs (650 Secs) [==>]	[1]



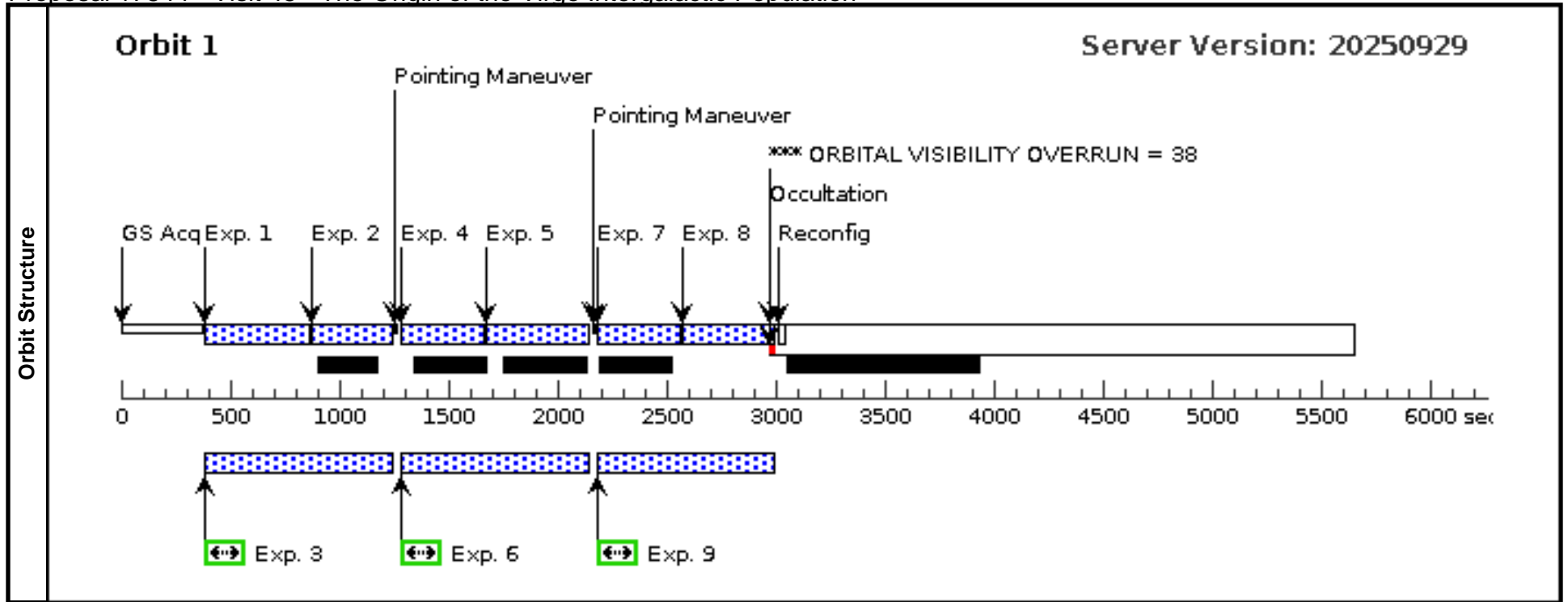




Proposal 17844 - Visit 45 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:32 GMT 2026

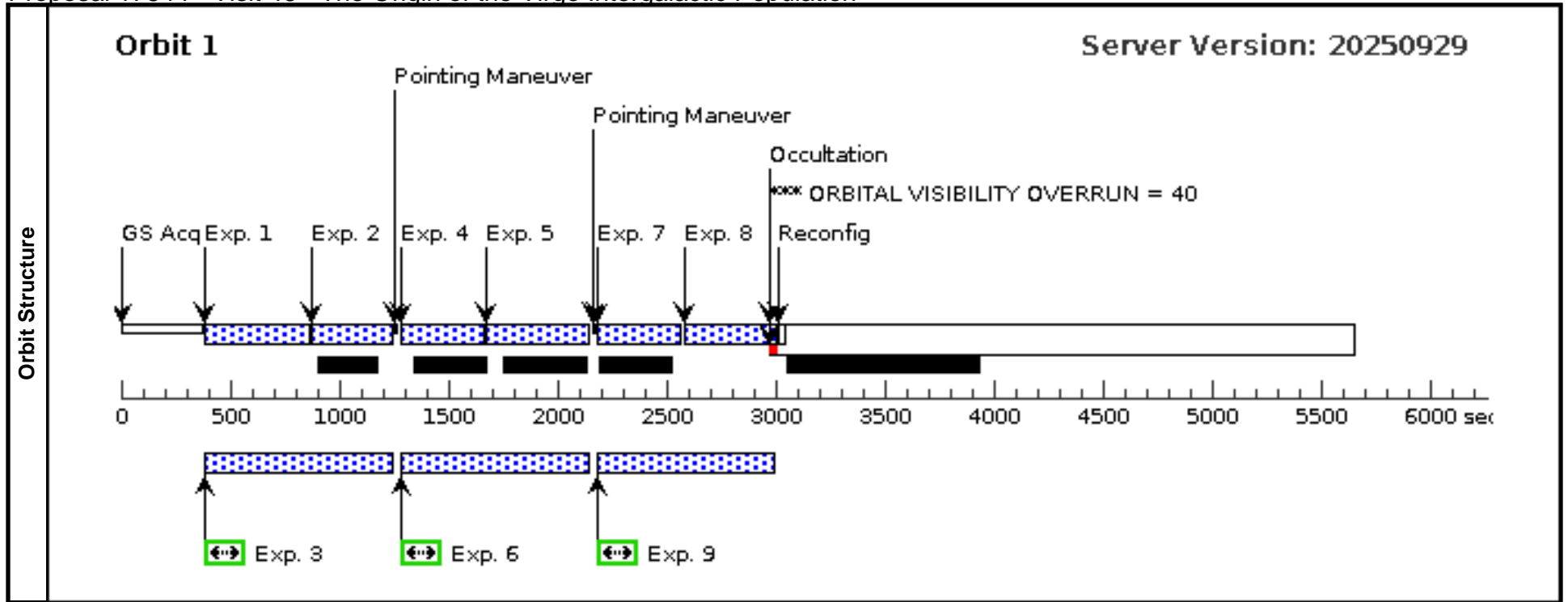
<b>Visit</b>	<b>Proposal 17844, Visit 45, completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BETWEEN 23-MAY-2025:00:00:00 AND 27-MAY-2025:00:00:00									
	(Visit 45) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>			<b>Fluxes</b>	<b>Miscellaneous</b>		
	(40)	VIRGO-INTERGALACTIC-FIELD-M86	RA: 12 25 0.2000 (186.2508333d) Dec: +12 15 47.00 (12.26306d) Equinox: J2000				V=28+/-2.0	Reference Frame: ICRS		
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0,0; GS ACQ SCENARI O BASEION3	Prime + Parallel Group 1-3 in Visit 45	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 45	352.935448 Secs (352.935 Secs) [==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 45	658 Secs (658 Secs) [==>]	[1]
	4		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.700,0.261	Prime + Parallel Group 4-6 in Visit 45	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 45	452.93635 Secs (452.936 Secs) [==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 45	685 Secs (685 Secs) [==>]	[1]
	7		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.564,2.036	Prime + Parallel Group 7-9 in Visit 45	352.935448 Secs (352.935 Secs) [==>]	[1]
	8		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 45	402.935899 Secs (402.936 Secs) [==>]	[1]
	9		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 45	685 Secs (685 Secs) [==>]	[1]



Proposal 17844 - Visit 46 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:32 GMT 2026

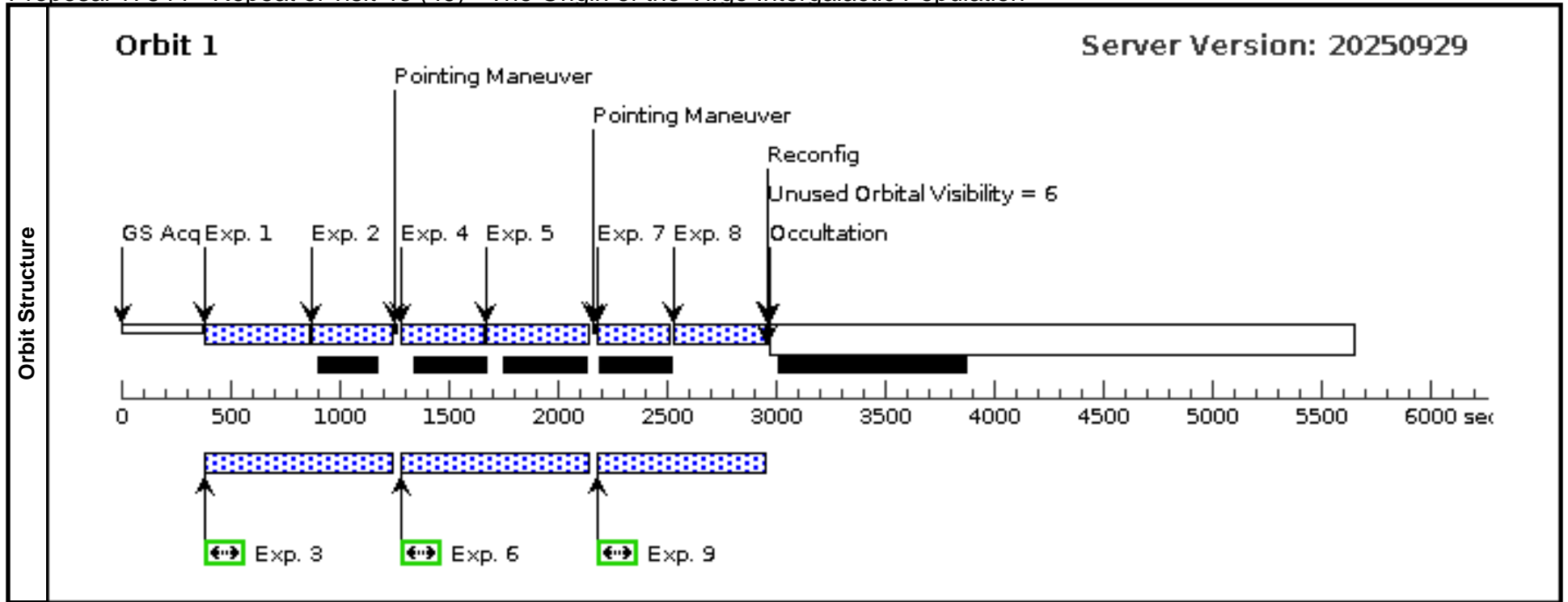
<b>Visit</b>	<b>Proposal 17844, Visit 46, failed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 303D TO 303 D; BETWEEN 23-DEC-2025:00:00:00 AND 26-DEC-2025:00:00:00									
	(Visit 46) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(40)	VIRGO-INTERGALACTIC-FIELD-M86	RA: 12 25 0.2000 (186.2508333d) Dec: +12 15 47.00 (12.26306d) Equinox: J2000		V=28+/-2.0	Reference Frame: ICRS				
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0.228,0.283; GS ACQ SCENARIO BASEION3	Prime + Parallel Group 1-3 in Visit 46	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 46	352.935448 Secs (352.935 Secs) [==>]	[1]
	3	ANY		ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 46	658 Secs (658 Secs) [==>]	[1]
	4		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 3.518,0.624	Prime + Parallel Group 4-6 in Visit 46	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 46	452.93635 Secs (452.936 Secs) [==>]	[1]
	6	ANY		ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 46	685 Secs (685 Secs) [==>]	[1]
	7		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.020,2.602	Prime + Parallel Group 7-9 in Visit 46	352.935448 Secs (352.935 Secs) [==>]	[1]
	8		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 46	402.935899 Secs (402.936 Secs) [==>]	[1]
	9	ANY		ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 46	690 Secs (690 Secs) [==>]	[1]



Proposal 17844 - Repeat of visit 46 (49) - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:32 GMT 2026

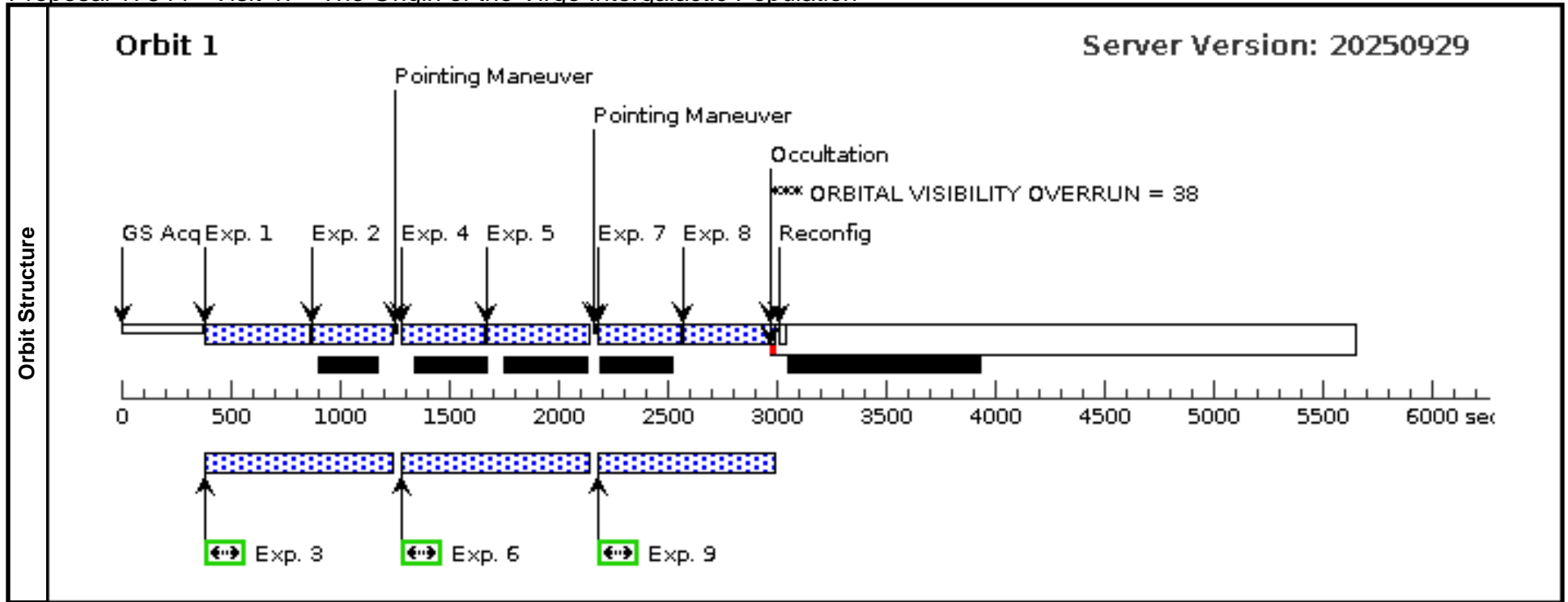
Visit	<b>Proposal 17844, Repeat of visit 46 (49), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 285D TO 303 D; AFTER 28-FEB-2026									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(40)	VIRGO-INTERGALACTIC-FIELD-M86	RA: 12 25 0.2000 (186.2508333d) Dec: +12 15 47.00 (12.26306d) Equinox: J2000		V=28+/-2.0	Reference Frame: ICRS				
	<i>Comments:</i> Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0.228,0.283; GS ACQ SCENARIO BASEION3	Prime + Parallel Group 1-3 in Repeat of visit 46 (49)	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Repeat of visit 46 (49)	352.935448 Secs (352.935 Secs) [==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Repeat of visit 46 (49)	658 Secs (658 Secs) [==>]	[1]
	4		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 3.518,0.624	Prime + Parallel Group 4-6 in Repeat of visit 46 (49)	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Repeat of visit 46 (49)	452.93635 Secs (452.936 Secs) [==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Repeat of visit 46 (49)	685 Secs (685 Secs) [==>]	[1]
	7		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG 2.020,2.602	Prime + Parallel Group 7-9 in Repeat of visit 46 (49)	302.934997 Secs (302.935 Secs) [==>]	[1]
	8		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Repeat of visit 46 (49)	402.935899 Secs (402.936 Secs) [==>]	[1]
9		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Repeat of visit 46 (49)	645 Secs (645 Secs) [==>]	[1]	



Proposal 17844 - Visit 47 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:33 GMT 2026

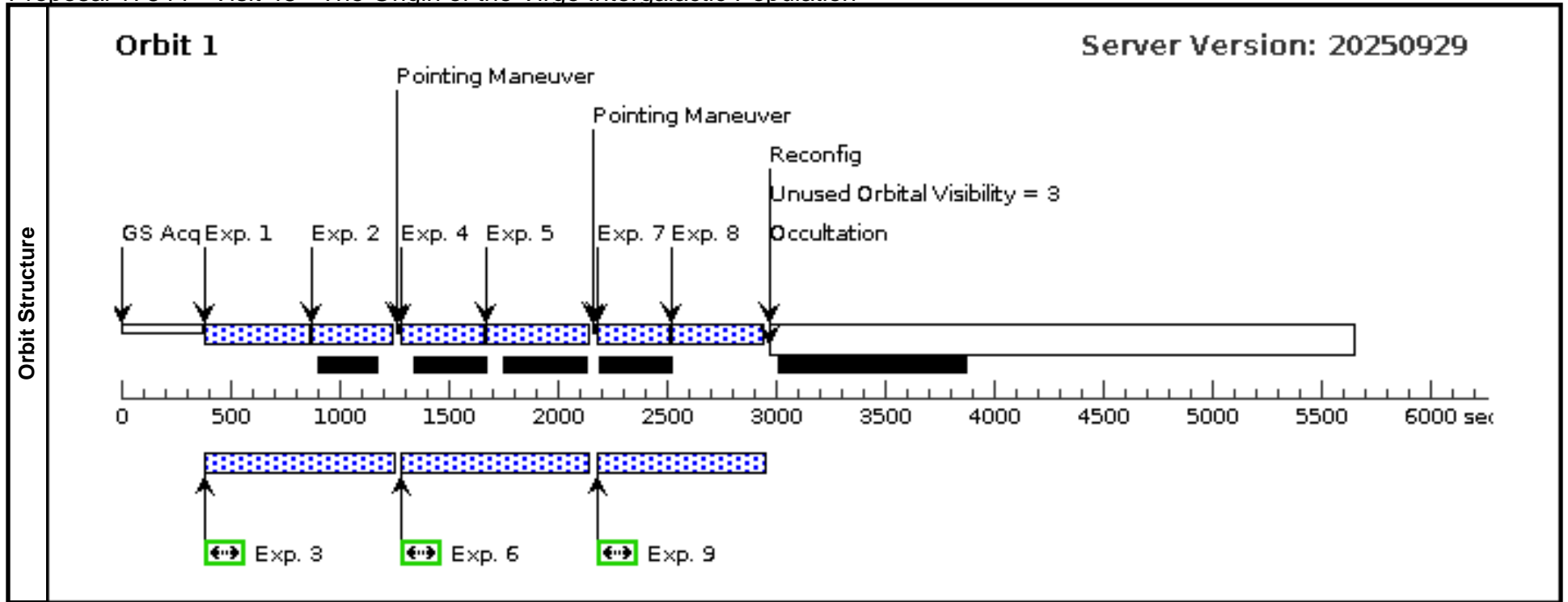
<b>Visit</b>	<b>Proposal 17844, Visit 47, completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 46; BETWEEN 12-JAN-2026:00:00:00 AND 17-JAN-2026:00:00:00									
	(Visit 47) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(40)	VIRGO-INTERGALACTIC-FIELD-M86	RA: 12 25 0.2000 (186.2508333d) Dec: +12 15 47.00 (12.26306d) Equinox: J2000		V=28+/-2.0	Reference Frame: ICRS				
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0,0; GS ACQ SCENARI O BASEION3	Prime + Parallel Group 1-3 in Visit 47	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 47	352.935448 Secs (352.935 Secs) [==>]	[1]
	3	ANY		ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 47	658 Secs (658 Secs) [==>]	[1]
	4		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.700,0.261	Prime + Parallel Group 4-6 in Visit 47	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 47	452.93635 Secs (452.936 Secs) [==>]	[1]
	6	ANY		ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 47	685 Secs (685 Secs) [==>]	[1]
	7		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.564,2.036	Prime + Parallel Group 7-9 in Visit 47	352.935448 Secs (352.935 Secs) [==>]	[1]
	8		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 47	402.935899 Secs (402.936 Secs) [==>]	[1]
	9	ANY		ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 47	685 Secs (685 Secs) [==>]	[1]



Proposal 17844 - Visit 48 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:33 GMT 2026

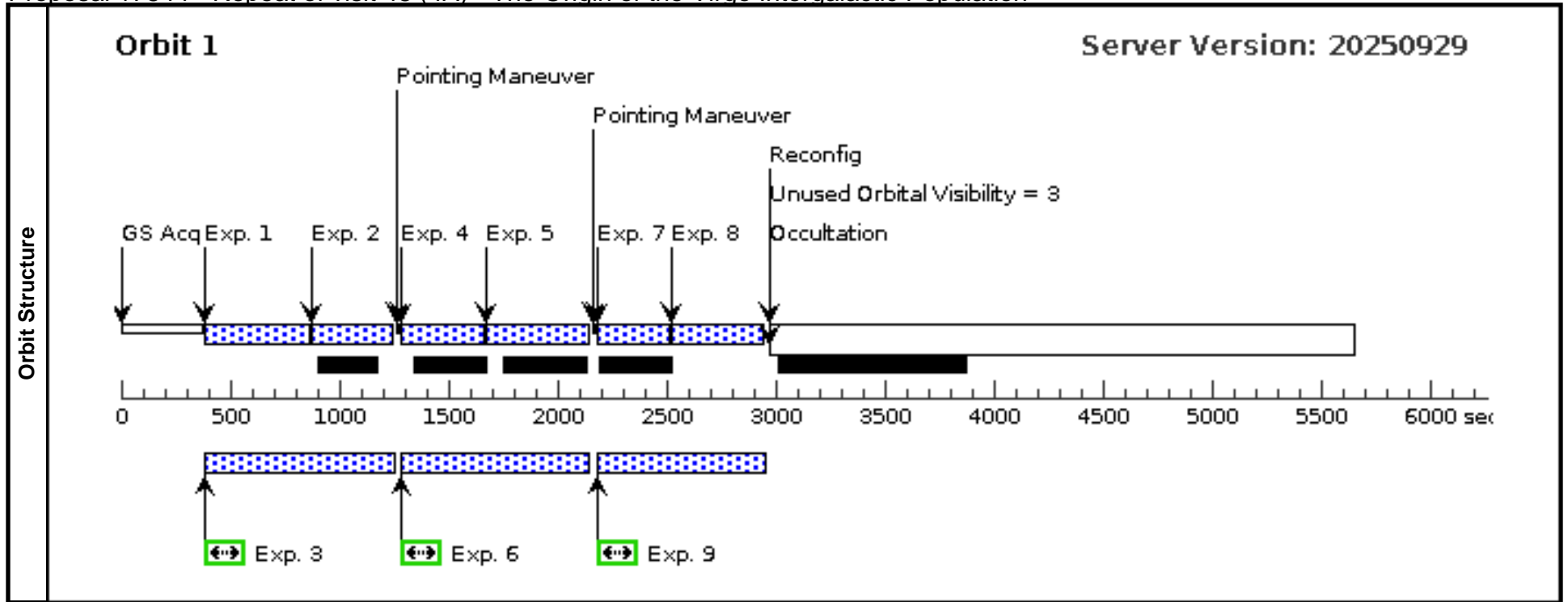
Visit	<b>Proposal 17844, Visit 48, failed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 293D TO 293 D; BETWEEN 16-FEB-2026:00:00:00 AND 20-FEB-2026:23:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(40)	VIRGO-INTERGALACTIC-FIELD-M86	RA: 12 25 0.2000 (186.2508333d) Dec: +12 15 47.00 (12.26306d) Equinox: J2000			V=28+/-2.0	Reference Frame: ICRS			
	Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG -0.228,-0.283; GS ACQ SCENARIO BASE10N3	Prime + Parallel Group 1-3 in Visit 48	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 48	352.935448 Secs (352.935 Secs) [==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 48	660 Secs (660 Secs) [==>]	[1]
	4		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.882,-0.102	Prime + Parallel Group 4-6 in Visit 48	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 48	452.93635 Secs (452.936 Secs) [==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 48	685 Secs (685 Secs) [==>]	[1]
	7		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG 1.108,1.470	Prime + Parallel Group 7-9 in Visit 48	302.934997 Secs (302.935 Secs) [==>]	[1]
	8		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 48	402.935899 Secs (402.936 Secs) [==>]	[1]
	9		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 48	650 Secs (650 Secs) [==>]	[1]



Proposal 17844 - Repeat of visit 48 (4A) - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:33 GMT 2026

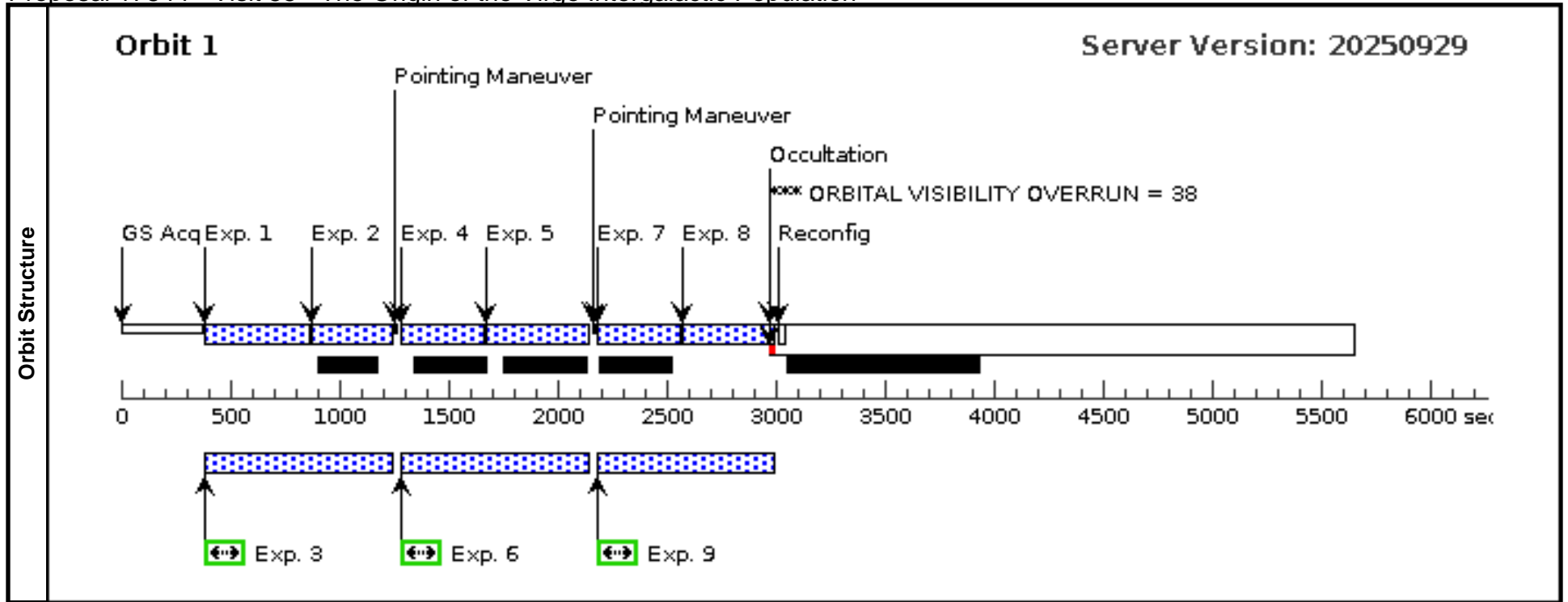
Visit	<b>Proposal 17844, Repeat of visit 48 (4A), implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BEFORE 01-JUN-2026:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(40)	VIRGO-INTERGALACTIC-FIELD-M86	RA: 12 25 0.2000 (186.2508333d) Dec: +12 15 47.00 (12.26306d) Equinox: J2000			V=28+/-2.0	Reference Frame: ICRS			
	<i>Comments:</i> Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG -0.228,-0.283; GS ACQ SCENARIO BASE10N3	Prime + Parallel Group 1-3 in Repeat of visit 48 (4A)	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Repeat of visit 48 (4A)	352.935448 Secs (352.935 Secs) [==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Repeat of visit 48 (4A)	660 Secs (660 Secs) [==>]	[1]
	4		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.882,-0.102	Prime + Parallel Group 4-6 in Repeat of visit 48 (4A)	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Repeat of visit 48 (4A)	452.93635 Secs (452.936 Secs) [==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Repeat of visit 48 (4A)	685 Secs (685 Secs) [==>]	[1]
	7		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG 1.108,1.470	Prime + Parallel Group 7-9 in Repeat of visit 48 (4A)	302.934997 Secs (302.935 Secs) [==>]	[1]
	8		(40) VIRGO-INTERGALACTIC-FIELD-M86	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Repeat of visit 48 (4A)	402.935899 Secs (402.936 Secs) [==>]	[1]
	9		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Repeat of visit 48 (4A)	650 Secs (650 Secs) [==>]	[1]



Proposal 17844 - Visit 55 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:33 GMT 2026

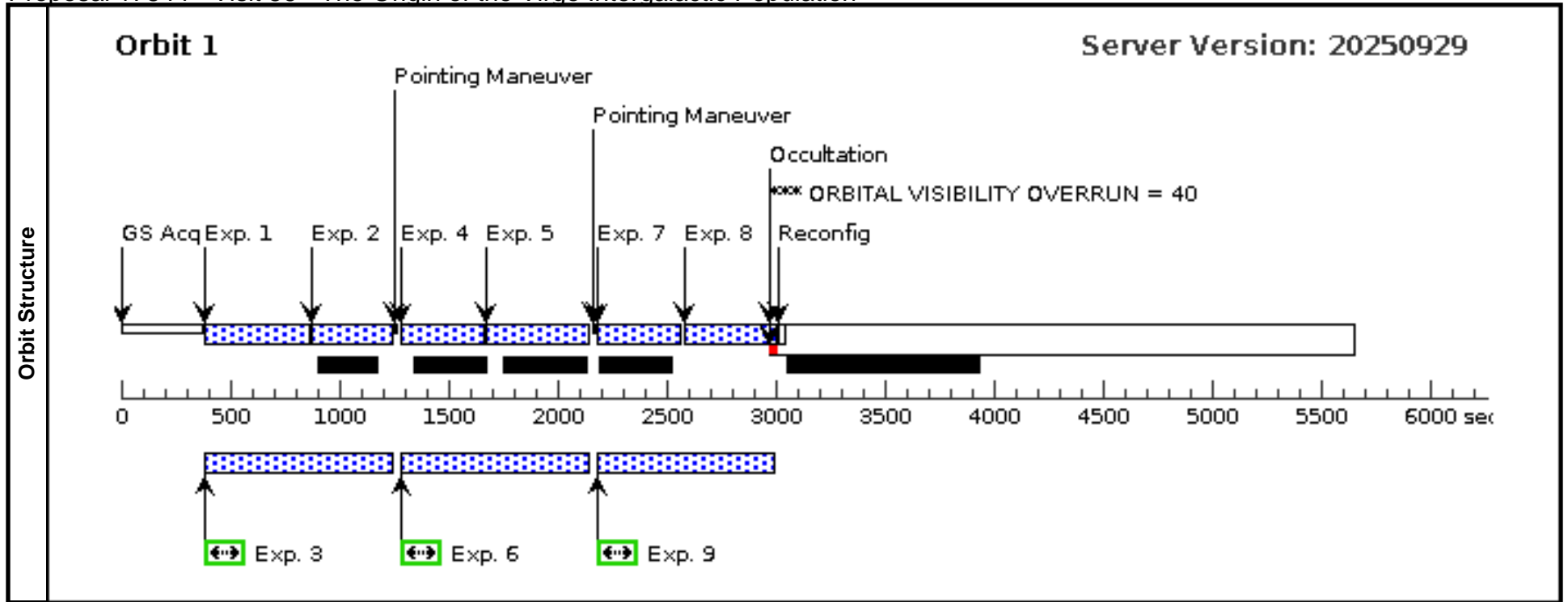
<b>Visit</b>	<b>Proposal 17844, Visit 55, completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 290D TO 292 D; BETWEEN 25-FEB-2025:00:00:00 AND 28-FEB-2025:23:59:00									
	(Visit 55) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>			<b>Fluxes</b>	<b>Miscellaneous</b>		
	(50)	VIRGO-INTERGALACTIC-FIELD-SW	RA: 12 29 9.8000 (187.2908333d) Dec: +11 35 5.00 (11.58472d) Equinox: J2000				V=28+/-2.0	Reference Frame: ICRS		
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0,0; GS ACQ SCENARIO BASEION3	Prime + Parallel Group 1-3 in Visit 55	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 55	352.935448 Secs (352.935 Secs) [==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 55	658 Secs (658 Secs) [==>]	[1]
	4		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.700,0.261	Prime + Parallel Group 4-6 in Visit 55	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 55	452.93635 Secs (452.936 Secs) [==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 55	685 Secs (685 Secs) [==>]	[1]
	7		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.564,2.036	Prime + Parallel Group 7-9 in Visit 55	352.935448 Secs (352.935 Secs) [==>]	[1]
	8		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 55	402.935899 Secs (402.936 Secs) [==>]	[1]
	9		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 55	685 Secs (685 Secs) [==>]	[1]



Proposal 17844 - Visit 56 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:33 GMT 2026

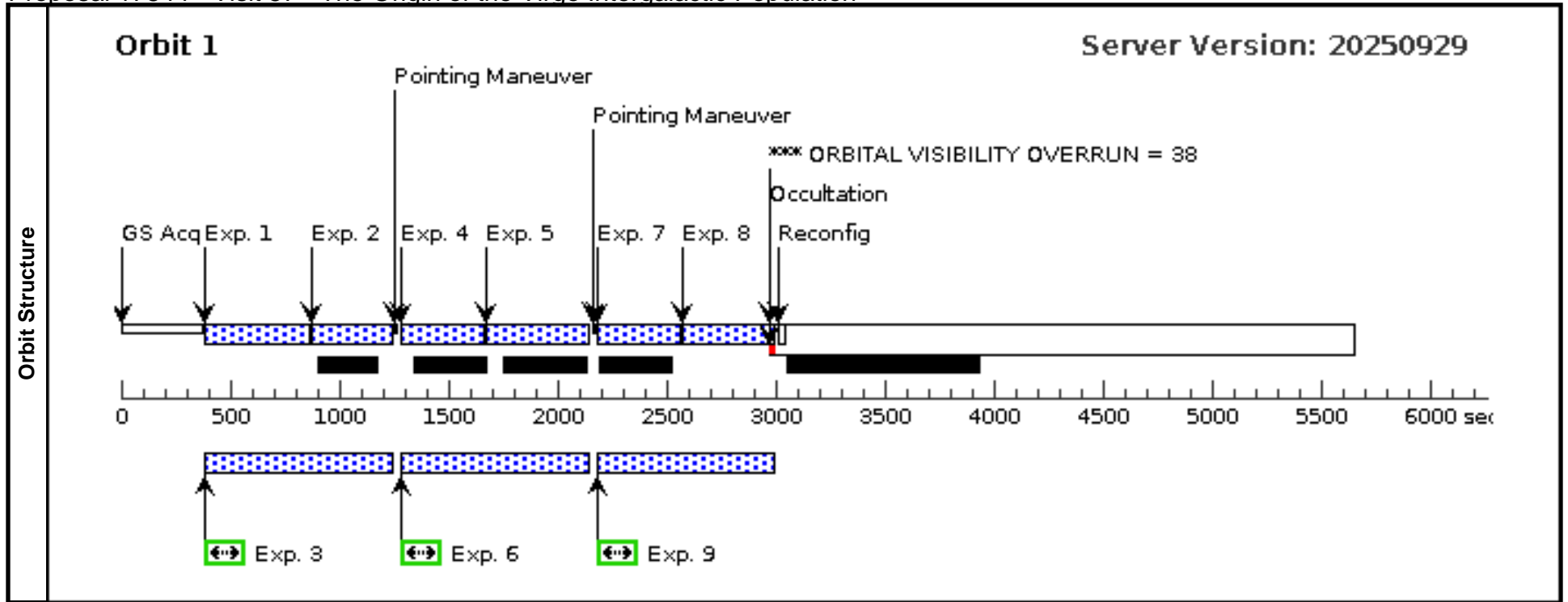
<b>Visit</b>	<b>Proposal 17844, Visit 56, completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: BETWEEN 26-MAY-2025:00:00:00 AND 29-MAY-2025:23:59:00									
	(Visit 56) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>			<b>Fluxes</b>	<b>Miscellaneous</b>		
	(50)	VIRGO-INTERGALACTIC-FIELD-SW	RA: 12 29 9.8000 (187.2908333d) Dec: +11 35 5.00 (11.58472d) Equinox: J2000				V=28+/-2.0	Reference Frame: ICRS		
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0.228,0.283; GS ACQ SCENARIO BASEION3	Prime + Parallel Group 1-3 in Visit 56	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 56	352.935448 Secs (352.935 Secs) [==>]	[1]
	3	ANY		ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 56	658 Secs (658 Secs) [==>]	[1]
	4		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 3.518,0.624	Prime + Parallel Group 4-6 in Visit 56	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 56	452.93635 Secs (452.936 Secs) [==>]	[1]
	6	ANY		ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 56	685 Secs (685 Secs) [==>]	[1]
	7		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.020,2.602	Prime + Parallel Group 7-9 in Visit 56	352.935448 Secs (352.935 Secs) [==>]	[1]
	8		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 56	402.935899 Secs (402.936 Secs) [==>]	[1]
	9	ANY		ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 56	685 Secs (685 Secs) [==>]	[1]



Proposal 17844 - Visit 57 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:33 GMT 2026

<b>Visit</b>	<b>Proposal 17844, Visit 57, completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 55; BETWEEN 22-DEC-2025:00:00:00 AND 28-DEC-2025:00:00:00									
	(Visit 57) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>			<b>Fluxes</b>	<b>Miscellaneous</b>		
	(50)	VIRGO-INTERGALACTIC-FIELD-SW	RA: 12 29 9.8000 (187.2908333d) Dec: +11 35 5.00 (11.58472d) Equinox: J2000				V=28+/-2.0	Reference Frame: ICRS		
Comments: Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(50) VIRGO-INTERGALACTIC-FIELD-SW	(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG 0,0; GS ACQ SCENARIO BASE10N3	Prime + Parallel Group 1-3 in Visit 57	452.93635 Secs (452.936 Secs) [==>]	[1]
	2	(50) VIRGO-INTERGALACTIC-FIELD-SW	(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 57	352.935448 Secs (352.935 Secs) [==>]	[1]
	3	ANY	ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 57	658 Secs (658 Secs) [==>]	[1]
	4	(50) VIRGO-INTERGALACTIC-FIELD-SW	(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 2.700,0.261	Prime + Parallel Group 4-6 in Visit 57	352.935448 Secs (352.935 Secs) [==>]	[1]
	5	(50) VIRGO-INTERGALACTIC-FIELD-SW	(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 57	452.93635 Secs (452.936 Secs) [==>]	[1]
	6	ANY	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 57	685 Secs (685 Secs) [==>]	[1]
	7	(50) VIRGO-INTERGALACTIC-FIELD-SW	(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.564,2.036	Prime + Parallel Group 7-9 in Visit 57	352.935448 Secs (352.935 Secs) [==>]	[1]
	8	(50) VIRGO-INTERGALACTIC-FIELD-SW	(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 57	402.935899 Secs (402.936 Secs) [==>]	[1]
	9	ANY	ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 57	685 Secs (685 Secs) [==>]	[1]



Proposal 17844 - Visit 58 - The Origin of the Virgo Intergalactic Population

Tue Mar 24 18:00:33 GMT 2026

Visit	<b>Proposal 17844, Visit 58, completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 55; BETWEEN 25-FEB-2026:00:00:00 AND 01-MAR-2026:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(50)	VIRGO-INTERGALACTIC-FIELD-SW	RA: 12 29 9.8000 (187.2908333d) Dec: +11 35 5.00 (11.58472d) Equinox: J2000			V=28+/-2.0	Reference Frame: ICRS			
	<i>Comments:</i> Category=EXT-STAR Description=[K III-I, LONG PERIOD VARIABLE, M III-I]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	POS TARG -0.228,-0.283; GS ACQ SCENARIO BASE10N3	Prime + Parallel Group 1-3 in Visit 58	452.93635 Secs (452.936 Secs) [==>]	[1]
	2		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	SAME POS AS 1	Prime + Parallel Group 1-3 in Visit 58	352.935448 Secs (352.935 Secs) [==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFC-FIX	F606W			Prime + Parallel Group 1-3 in Visit 58	660 Secs (660 Secs) [==>]	[1]
	4		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=8; SAMP-SEQ=SPAR S50	POS TARG 1.882,-0.102	Prime + Parallel Group 4-6 in Visit 58	352.935448 Secs (352.935 Secs) [==>]	[1]
	5		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=SPAR S50	SAME POS AS 4	Prime + Parallel Group 4-6 in Visit 58	452.93635 Secs (452.936 Secs) [==>]	[1]
	6		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 4-6 in Visit 58	685 Secs (685 Secs) [==>]	[1]
	7		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=7; SAMP-SEQ=SPAR S50	POS TARG 1.108,1.470	Prime + Parallel Group 7-9 in Visit 58	302.934997 Secs (302.935 Secs) [==>]	[1]
	8		(50) VIRGO-INTERGALACTIC-FIELD-SW	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=SPAR S50	SAME POS AS 7	Prime + Parallel Group 7-9 in Visit 58	402.935899 Secs (402.936 Secs) [==>]	[1]
	9		ANY	ACS/WFC, ACCUM, WFC-FIX	F814W			Prime + Parallel Group 7-9 in Visit 58	650 Secs (650 Secs) [==>]	[1]

