



18355 - Polarimetry of Jupiter

Cycle: 34, Proposal Category: GO

(HWO Precursor Science (HPS))

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>
Dr. Lifan Wang (PI) (Contact)	Texas A & M University
Prof. Alex V. Filippenko (CoI)	University of California - Berkeley
Ping Yang (CoI)	Texas A & M University

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) JUPITER	ACS/WFC	1	22-Sep-2026 02:00:15.0	yes
02	(1) JUPITER	ACS/WFC	1	22-Sep-2026 02:00:16.0	yes
03	(1) JUPITER	ACS/WFC	1	22-Sep-2026 02:00:17.0	yes
04	(1) JUPITER	ACS/WFC	1	22-Sep-2026 02:00:17.0	yes
05	(1) JUPITER	ACS/WFC	1	22-Sep-2026 02:00:18.0	yes
06	(1) JUPITER	ACS/WFC	1	22-Sep-2026 02:00:19.0	yes

6 Total Orbits Used

ABSTRACT

We propose to use the ACS/WFC polarimetric mode on HST to obtain the first high-SNR, multi-wavelength polarization maps of Jupiter's entire disk in four SDSS filters (g, r, i, z) at a resolution more than five times higher than any prior measurements. These observations will enable us to: (1) retrieve aerosol phase functions and vertical layering across belts, zones, and the Great Red Spot; (2) detect the predicted transition from positive to

Proposal 18355 (STScI Edit Number: 1, Created: Tuesday, September 22, 2026, 1:00:19AM Eastern Standard Time) - Overview

negative polarization at intermediate latitudes; (3) quantify the spatial variability of the polar stratospheric haze, which is linked to auroral chemistry and magnetospheric activity; and (4) separate stratospheric and tropospheric aerosol contributions. The polar regions exhibit strong radial polarization (up to 11.5%) due to unique aggregate particles; our maps will resolve polar haze structure at ~1400 km scales and track temporal variability. The data will be directly coordinated with Juno's perijove passes in February 2027, linking in situ plasma and auroral measurements to haze distribution. Furthermore, Jupiter serves as the nearest giant-planet analog for exoplanets; our polarization maps provide a critical empirical benchmark for interpreting unresolved exoplanet polarimetry. Deliverables include fully calibrated cylindrical maps of Stokes I, Q, U, polarization degree and angle, a catalog of feature properties, and open-source radiative transfer models. This program maximizes HST's unique polarimetric capability and leaves a lasting legacy for planetary and exoplanet science.

OBSERVING DESCRIPTION

We propose to observe Jupiter in ACS/WFC Imaging polarimetry mode. All four filters have calibration data taken as part of an ACS program to calibrate the polarizer/filter combination to 1% or better.

We require no dither due to short exposure times and long readout.

We require all six orbits of observations to be carried out consecutively to cover the whole rotation period of Jupiter of ~9.9 hours.

Each set of 3 exposures at the same filter but 3 different polarizers has been grouped into a sequence. Due to short exposure time, the ACS readout buffer needs to be dumped between integrations. Ideally, we would like to read out after each set of 3 exposures was obtained, which minimizes the rotation of Jupiter during the exposures between different polarizers.

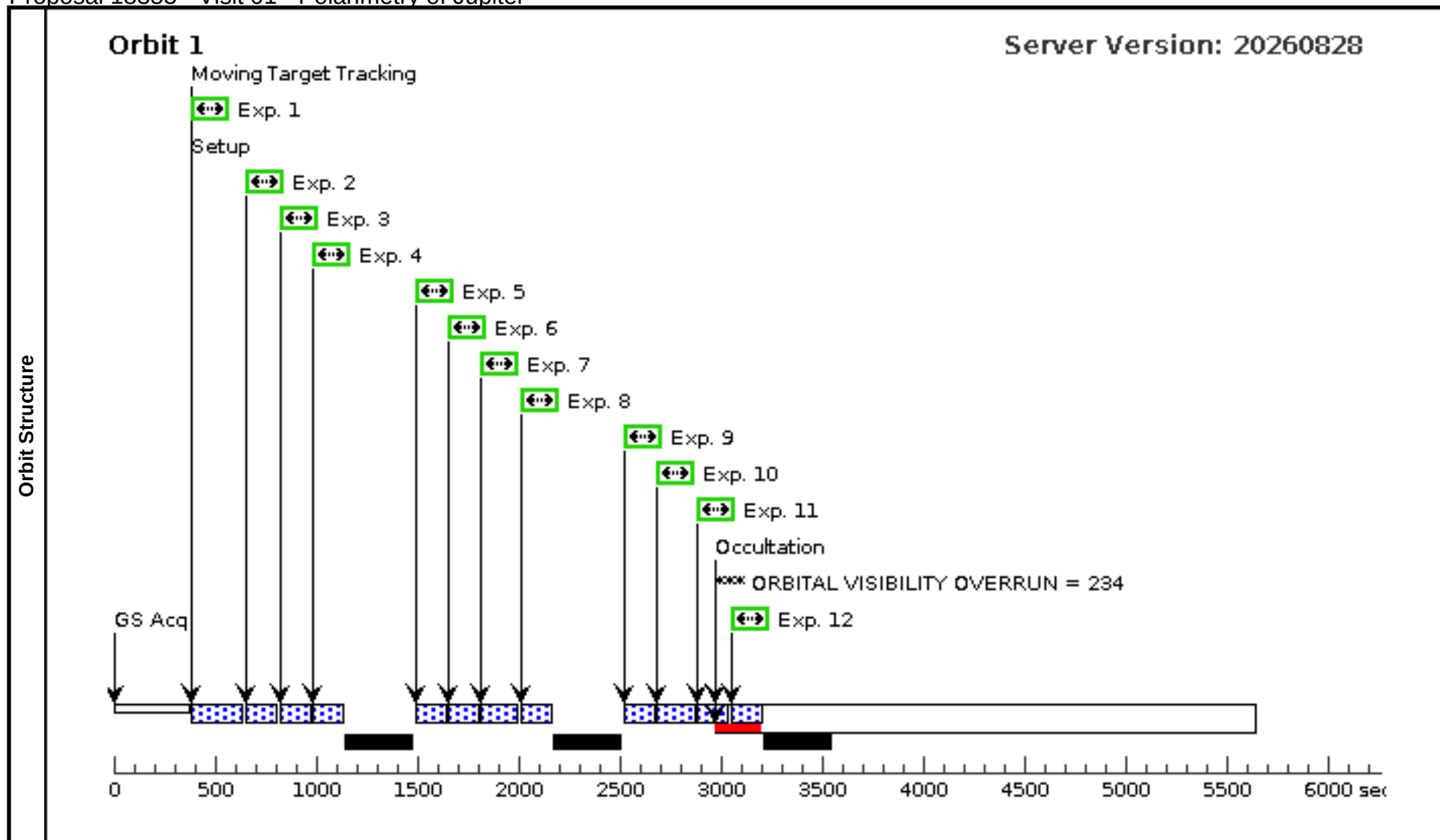
Because instrumental polarization is highly dependent on the rolling angle of the spacecraft, i.e., the 'PA_V3', we would prefer to adopt a rolling angle that is identical to that used in the calibration program 13964, namely $PA_V3 = 239.06$ deg.

Proposal 18355 - Visit 01 - Polarimetry of Jupiter

Visit	Proposal 18355, Visit 01, implementation Tue Sep 22 06:00:19 GMT 2026					
	Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: BETWEEN 01-JAN-2027:00:00:00 AND 01-MAR-2027:00:00:00; GROUP 01,02,03,04,05,06 WITHIN 6 Orbits					
Diagnostics	(Visit 01) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 01) Informational (Form): The Visit Planner and Spike may produce different schedulability results.					
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(1)	JUPITER	STD=JUPITER			NOT ECL P PARTIAL OF JUPITER BY IO FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY EUROPA FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY GANYMEDE FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY CALLISTO FROM EARTH, SEP OF JUPITER IO FROM EARTH GT 10", SEP OF JUPITER EUROPA FROM EARTH GT 10", SEP OF JUPITER GANYMEDE FROM EARTH GT 10", SEP OF JUPITER CALLISTO FROM EARTH GT 10"
Comments: Description=Jupiter Extended=YES						

Proposal 18355 - Visit 01 - Polarimetry of Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F475W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL0V			Sequence 1-3 Non-Int in Visit 01	0.5 Secs (0.5 Secs) [==>]	[1]
	2	F475W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL120V			Sequence 1-3 Non-Int in Visit 01	0.5 Secs (0.5 Secs) [==>]	[1]
	3	F475W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL60V			Sequence 1-3 Non-Int in Visit 01	0.5 Secs (0.5 Secs) [==>]	[1]
	4	F475W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL0V			Sequence 4-6 Non-Int in Visit 01	0.5 Secs (0.5 Secs) [==>]	[1]
	5	F475W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL120V			Sequence 4-6 Non-Int in Visit 01	0.5 Secs (0.5 Secs) [==>]	[1]
	6	F475W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL60V			Sequence 4-6 Non-Int in Visit 01	0.5 Secs (0.5 Secs) [==>]	[1]
	7	F606W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL0V			Sequence 7-9 Non-Int in Visit 01	0.5 Secs (0.5 Secs) [==>]	[1]
	8	F606W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL120V			Sequence 7-9 Non-Int in Visit 01	0.5 Secs (0.5 Secs) [==>]	[1]
	9	F606W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL60V			Sequence 7-9 Non-Int in Visit 01	0.5 Secs (0.5 Secs) [==>]	[1]
	10	F775W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL0V			Sequence 10-12 Non-Int in Visit 01	0.5 Secs (0.5 Secs) [==>]	[1]
	11	F775W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL120V			Sequence 10-12 Non-Int in Visit 01	0.5 Secs (0.5 Secs) [==>]	[1]
	12	F775W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL60V			Sequence 10-12 Non-Int in Visit 01	0.5 Secs (0.5 Secs) [==>]	[1]

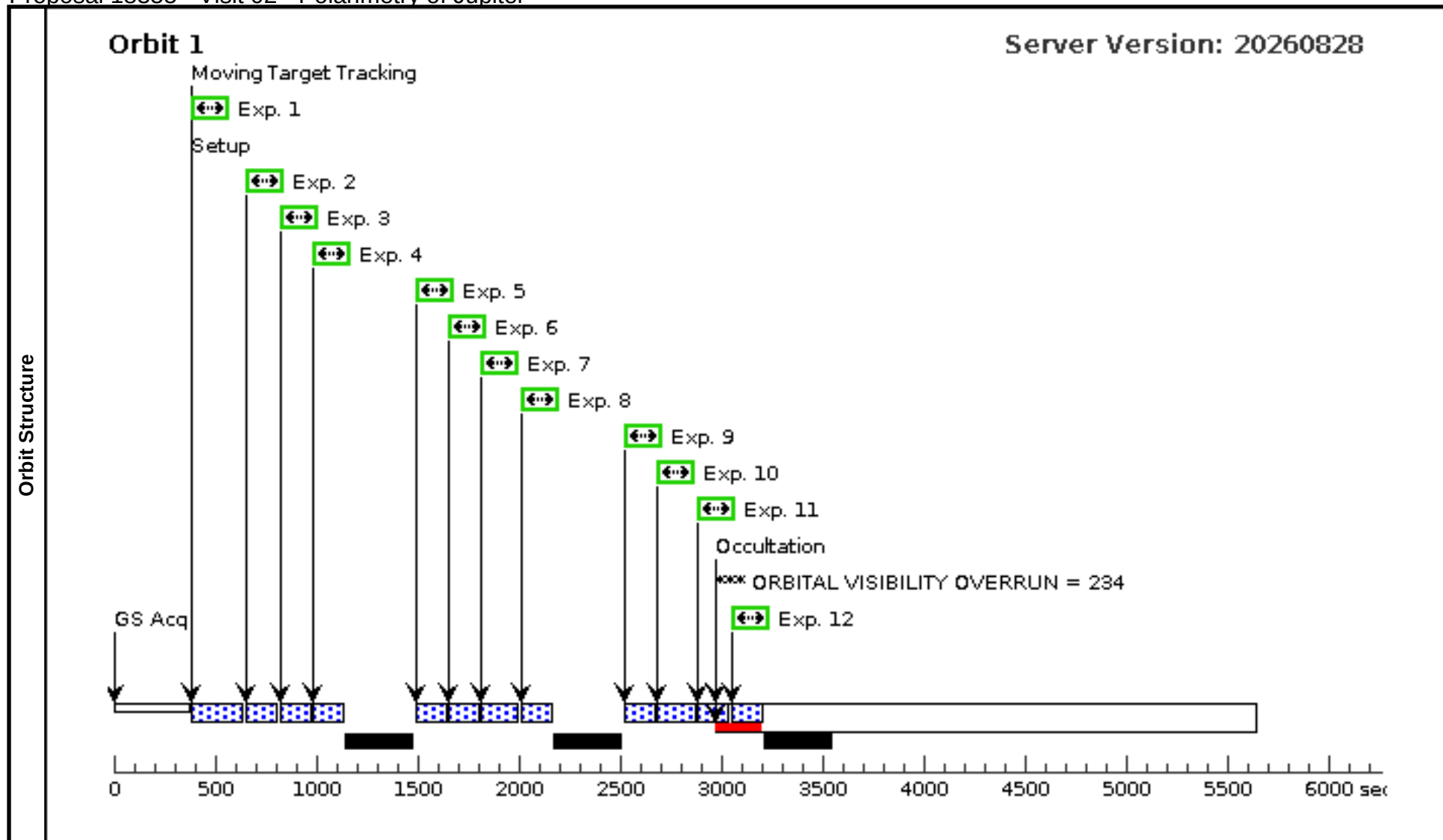


Proposal 18355 - Visit 02 - Polarimetry of Jupiter

Visit	Proposal 18355, Visit 02, implementation Tue Sep 22 06:00:20 GMT 2026					
	Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: BETWEEN 01-JAN-2026:00:00:00 AND 01-MAR-2027:00:00:00; GROUP 02,01,03,04,05,06 WITHIN 6 Orbits					
Diagnostics	(Visit 02) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 02) Informational (Form): The Visit Planner and Spike may produce different schedulability results.					
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(1)	JUPITER	STD=JUPITER			NOT ECL P PARTIAL OF JUPITER BY IO FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY EUROPA FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY GANYMEDE FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY CALLISTO FROM EARTH, SEP OF JUPITER IO FROM EARTH GT 10", SEP OF JUPITER EUROPA FROM EARTH GT 10", SEP OF JUPITER GANYMEDE FROM EARTH GT 10", SEP OF JUPITER CALLISTO FROM EARTH GT 10"
Comments: Description=Jupiter Extended=YES						

Proposal 18355 - Visit 02 - Polarimetry of Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F475W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL0V			Sequence 1-3 Non-Int in Visit 02	0.5 Secs (0.5 Secs) [==>]	[1]
	2	F475W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL120V			Sequence 1-3 Non-Int in Visit 02	0.5 Secs (0.5 Secs) [==>]	[1]
	3	F475W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL60V			Sequence 1-3 Non-Int in Visit 02	0.5 Secs (0.5 Secs) [==>]	[1]
	4	F475W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL0V			Sequence 4-6 Non-Int in Visit 02	0.5 Secs (0.5 Secs) [==>]	[1]
	5	F475W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL120V			Sequence 4-6 Non-Int in Visit 02	0.5 Secs (0.5 Secs) [==>]	[1]
	6	F475W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL60V			Sequence 4-6 Non-Int in Visit 02	0.5 Secs (0.5 Secs) [==>]	[1]
	7	F606W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL0V			Sequence 7-9 Non-Int in Visit 02	0.5 Secs (0.5 Secs) [==>]	[1]
	8	F606W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL120V			Sequence 7-9 Non-Int in Visit 02	0.5 Secs (0.5 Secs) [==>]	[1]
	9	F606W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL60V			Sequence 7-9 Non-Int in Visit 02	0.5 Secs (0.5 Secs) [==>]	[1]
	10	F775W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL0V			Sequence 10-12 Non-Int in Visit 02	0.5 Secs (0.5 Secs) [==>]	[1]
	11	F775W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL120V			Sequence 10-12 Non-Int in Visit 02	0.5 Secs (0.5 Secs) [==>]	[1]
	12	F775W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL60V			Sequence 10-12 Non-Int in Visit 02	0.5 Secs (0.5 Secs) [==>]	[1]

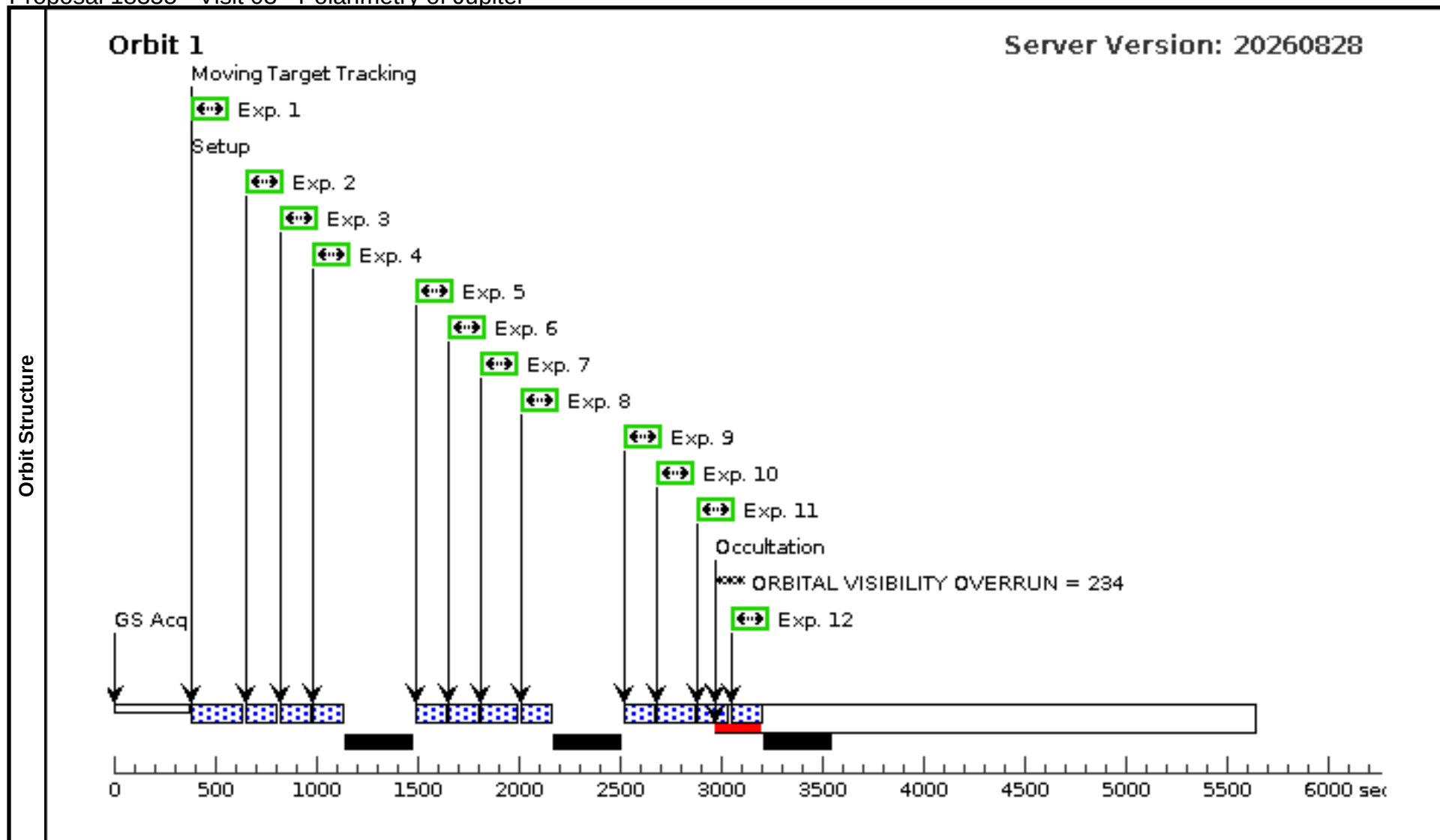


Proposal 18355 - Visit 03 - Polarimetry of Jupiter

Visit	Proposal 18355, Visit 03, implementation Tue Sep 22 06:00:20 GMT 2026					
	Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: BETWEEN 01-JAN-2026:00:00:00 AND 01-MAR-2027:00:00:00; GROUP 03,01,02,04,05,06 WITHIN 6 Orbits					
Diagnostics	(Visit 03) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 03) Informational (Form): The Visit Planner and Spike may produce different schedulability results.					
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(1)	JUPITER	STD=JUPITER			NOT ECL P PARTIAL OF JUPITER BY IO FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY EUROPA FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY GANYMEDE FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY CALLISTO FROM EARTH, SEP OF JUPITER IO FROM EARTH GT 10", SEP OF JUPITER EUROPA FROM EARTH GT 10", SEP OF JUPITER GANYMEDE FROM EARTH GT 10", SEP OF JUPITER CALLISTO FROM EARTH GT 10"
Comments: Description=Jupiter Extended=YES						

Proposal 18355 - Visit 03 - Polarimetry of Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F475W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL0V			Sequence 1-3 Non-Int in Visit 03	0.5 Secs (0.5 Secs) [==>]	[1]
	2	F475W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL120V			Sequence 1-3 Non-Int in Visit 03	0.5 Secs (0.5 Secs) [==>]	[1]
	3	F475W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL60V			Sequence 1-3 Non-Int in Visit 03	0.5 Secs (0.5 Secs) [==>]	[1]
	4	F475W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL0V			Sequence 4-6 Non-Int in Visit 03	0.5 Secs (0.5 Secs) [==>]	[1]
	5	F475W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL120V			Sequence 4-6 Non-Int in Visit 03	0.5 Secs (0.5 Secs) [==>]	[1]
	6	F475W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL60V			Sequence 4-6 Non-Int in Visit 03	0.5 Secs (0.5 Secs) [==>]	[1]
	7	F606W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL0V			Sequence 7-9 Non-Int in Visit 03	0.5 Secs (0.5 Secs) [==>]	[1]
	8	F606W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL120V			Sequence 7-9 Non-Int in Visit 03	0.5 Secs (0.5 Secs) [==>]	[1]
	9	F606W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL60V			Sequence 7-9 Non-Int in Visit 03	0.5 Secs (0.5 Secs) [==>]	[1]
	10	F775W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL0V			Sequence 10-12 Non-Int in Visit 03	0.5 Secs (0.5 Secs) [==>]	[1]
	11	F775W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL120V			Sequence 10-12 Non-Int in Visit 03	0.5 Secs (0.5 Secs) [==>]	[1]
	12	F775W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL60V			Sequence 10-12 Non-Int in Visit 03	0.5 Secs (0.5 Secs) [==>]	[1]

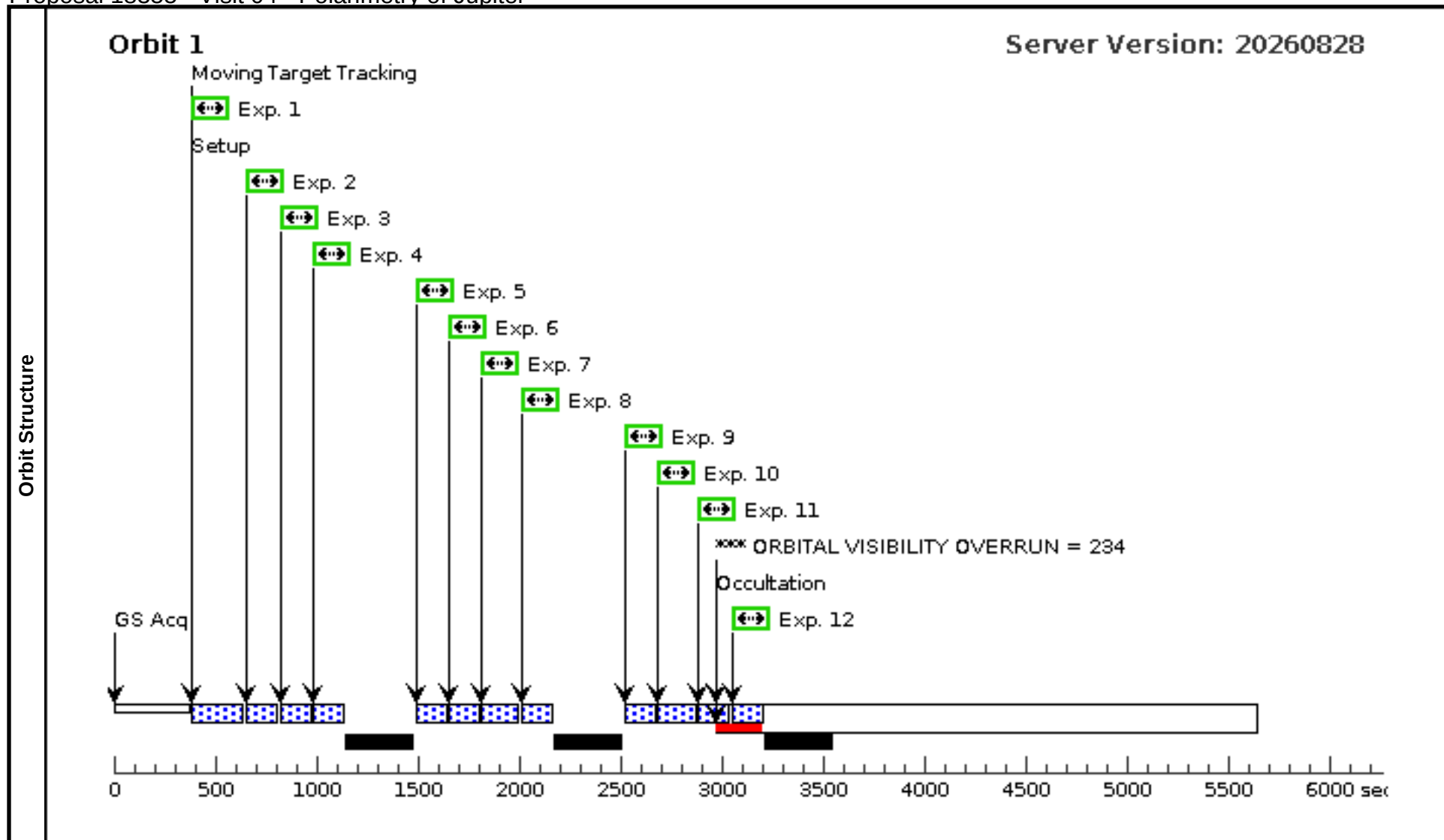


Proposal 18355 - Visit 04 - Polarimetry of Jupiter

Visit	Proposal 18355, Visit 04, implementation Tue Sep 22 06:00:20 GMT 2026					
	Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: BETWEEN 01-JAN-2026:00:00:00 AND 01-MAR-2027:00:00:00; GROUP 04,01,02,03,06 WITHIN 6 Orbits					
Diagnostics	(Visit 04) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 04) Informational (Form): The Visit Planner and Spike may produce different schedulability results.					
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Ephem Center
	(1)	JUPITER	STD=JUPITER			NOT ECL P PARTIAL OF JUPITER BY IO FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY EUROPA FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY GANYMEDE FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY CALLISTO FROM EARTH, SEP OF JUPITER IO FROM EARTH GT 10", SEP OF JUPITER EUROPA FROM EARTH GT 10", SEP OF JUPITER GANYMEDE FROM EARTH GT 10", SEP OF JUPITER CALLISTO FROM EARTH GT 10"
Comments: Description=Jupiter Extended=YES						

Proposal 18355 - Visit 04 - Polarimetry of Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F475W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL0V			Sequence 1-3 Non-Int in Visit 04	0.5 Secs (0.5 Secs) [==>]	[1]
	2	F475W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL120V			Sequence 1-3 Non-Int in Visit 04	0.5 Secs (0.5 Secs) [==>]	[1]
	3	F475W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL60V			Sequence 1-3 Non-Int in Visit 04	0.5 Secs (0.5 Secs) [==>]	[1]
	4	F475W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL0V			Sequence 4-6 Non-Int in Visit 04	0.5 Secs (0.5 Secs) [==>]	[1]
	5	F475W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL120V			Sequence 4-6 Non-Int in Visit 04	0.5 Secs (0.5 Secs) [==>]	[1]
	6	F475W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL60V			Sequence 4-6 Non-Int in Visit 04	0.5 Secs (0.5 Secs) [==>]	[1]
	7	F606W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL0V			Sequence 7-9 Non-Int in Visit 04	0.5 Secs (0.5 Secs) [==>]	[1]
	8	F606W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL120V			Sequence 7-9 Non-Int in Visit 04	0.5 Secs (0.5 Secs) [==>]	[1]
	9	F606W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL60V			Sequence 7-9 Non-Int in Visit 04	0.5 Secs (0.5 Secs) [==>]	[1]
	10	F775W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL0V			Sequence 10-12 Non-Int in Visit 04	0.5 Secs (0.5 Secs) [==>]	[1]
	11	F775W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL120V			Sequence 10-12 Non-Int in Visit 04	0.5 Secs (0.5 Secs) [==>]	[1]
	12	F775W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL60V			Sequence 10-12 Non-Int in Visit 04	0.5 Secs (0.5 Secs) [==>]	[1]

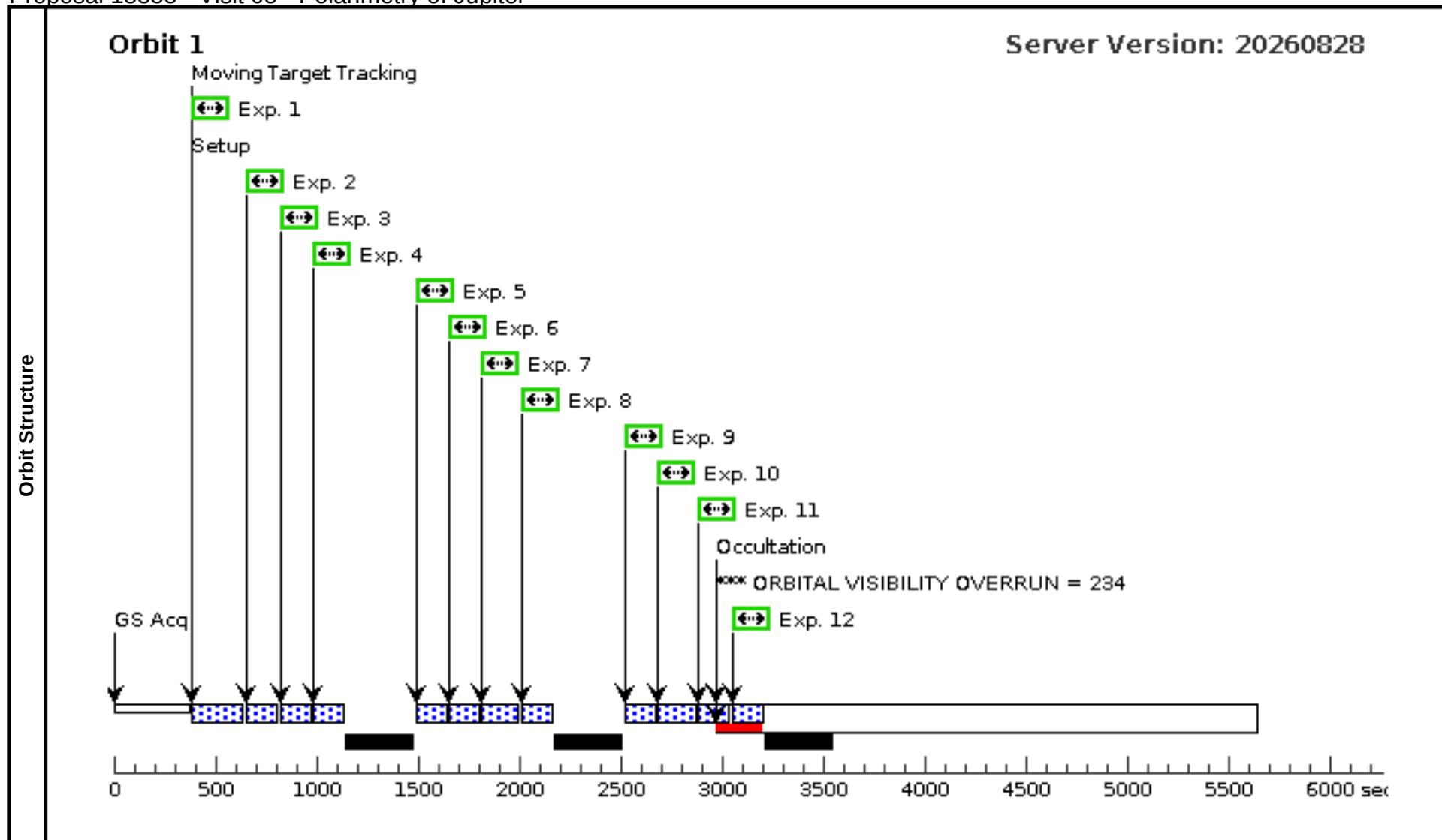


Proposal 18355 - Visit 05 - Polarimetry of Jupiter

Visit	Proposal 18355, Visit 05, implementation Tue Sep 22 06:00:20 GMT 2026					
	Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: BETWEEN 01-JAN-2026:00:00:00 AND 01-MAR-2027:00:00:00; GROUP 05,01,02,03,04,06 WITHIN 6 Orbits					
Diagnostics	(Visit 05) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 05) Informational (Form): The Visit Planner and Spike may produce different schedulability results.					
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Ephem Center
	(1)	JUPITER	STD=JUPITER			NOT ECL P PARTIAL OF JUPITER BY IO FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY EUROPA FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY GANYMEDE FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY CALLISTO FROM EARTH, SEP OF JUPITER IO FROM EARTH GT 10", SEP OF JUPITER EUROPA FROM EARTH GT 10", SEP OF JUPITER GANYMEDE FROM EARTH GT 10", SEP OF JUPITER CALLISTO FROM EARTH GT 10"
Comments: Description=Jupiter Extended=YES						

Proposal 18355 - Visit 05 - Polarimetry of Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F475W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL0V			Sequence 1-3 Non-Int in Visit 05	0.5 Secs (0.5 Secs) [==>]	[1]
	2	F475W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL120V			Sequence 1-3 Non-Int in Visit 05	0.5 Secs (0.5 Secs) [==>]	[1]
	3	F475W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL60V			Sequence 1-3 Non-Int in Visit 05	0.5 Secs (0.5 Secs) [==>]	[1]
	4	F475W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL0V			Sequence 4-6 Non-Int in Visit 05	0.5 Secs (0.5 Secs) [==>]	[1]
	5	F475W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL120V			Sequence 4-6 Non-Int in Visit 05	0.5 Secs (0.5 Secs) [==>]	[1]
	6	F475W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL60V			Sequence 4-6 Non-Int in Visit 05	0.5 Secs (0.5 Secs) [==>]	[1]
	7	F606W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL0V			Sequence 7-9 Non-Int in Visit 05	0.5 Secs (0.5 Secs) [==>]	[1]
	8	F606W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL120V			Sequence 7-9 Non-Int in Visit 05	0.5 Secs (0.5 Secs) [==>]	[1]
	9	F606W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL60V			Sequence 7-9 Non-Int in Visit 05	0.5 Secs (0.5 Secs) [==>]	[1]
	10	F775W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL0V			Sequence 10-12 Non-Int in Visit 05	0.5 Secs (0.5 Secs) [==>]	[1]
	11	F775W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL120V			Sequence 10-12 Non-Int in Visit 05	0.5 Secs (0.5 Secs) [==>]	[1]
	12	F775W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL60V			Sequence 10-12 Non-Int in Visit 05	0.5 Secs (0.5 Secs) [==>]	[1]



Proposal 18355 - Visit 06 - Polarimetry of Jupiter

Visit	Proposal 18355, Visit 06, implementation Tue Sep 22 06:00:20 GMT 2026					
	Diagnostic Status: Warning Scientific Instruments: ACS/WFC Special Requirements: BETWEEN 01-JAN-2026:00:00:00 AND 01-MAR-2027:00:00:00; GROUP 06,01,02,03,04,05 WITHIN 6 Orbits					
Diagnostics	(Visit 06) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 06) Informational (Form): The Visit Planner and Spike may produce different schedulability results.					
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Ephem Center
	(1)	JUPITER	STD=JUPITER			NOT ECL P PARTIAL OF JUPITER BY IO FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY EUROPA FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY GANYMEDE FROM EARTH, NOT ECL P PARTIAL OF JUPITER BY CALLISTO FROM EARTH, SEP OF JUPITER IO FROM EARTH GT 10", SEP OF JUPITER EUROPA FROM EARTH GT 10", SEP OF JUPITER GANYMEDE FROM EARTH GT 10", SEP OF JUPITER CALLISTO FROM EARTH GT 10"
Comments: Description=Jupiter Extended=YES						

Proposal 18355 - Visit 06 - Polarimetry of Jupiter

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F475W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL0V			Sequence 1-3 Non-Int in Visit 06	0.5 Secs (0.5 Secs) [==>]	[1]
	2	F475W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL120V			Sequence 1-3 Non-Int in Visit 06	0.5 Secs (0.5 Secs) [==>]	[1]
	3	F475W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL60V			Sequence 1-3 Non-Int in Visit 06	0.5 Secs (0.5 Secs) [==>]	[1]
	4	F475W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL0V			Sequence 4-6 Non-Int in Visit 06	0.5 Secs (0.5 Secs) [==>]	[1]
	5	F475W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL120V			Sequence 4-6 Non-Int in Visit 06	0.5 Secs (0.5 Secs) [==>]	[1]
	6	F475W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F475W POL60V			Sequence 4-6 Non-Int in Visit 06	0.5 Secs (0.5 Secs) [==>]	[1]
	7	F606W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL0V			Sequence 7-9 Non-Int in Visit 06	0.5 Secs (0.5 Secs) [==>]	[1]
	8	F606W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL120V			Sequence 7-9 Non-Int in Visit 06	0.5 Secs (0.5 Secs) [==>]	[1]
	9	F606W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F606W POL60V			Sequence 7-9 Non-Int in Visit 06	0.5 Secs (0.5 Secs) [==>]	[1]
	10	F775W_PO LOV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL0V			Sequence 10-12 Non-Int in Visit 06	0.5 Secs (0.5 Secs) [==>]	[1]
	11	F775W_PO L12OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL120V			Sequence 10-12 Non-Int in Visit 06	0.5 Secs (0.5 Secs) [==>]	[1]
	12	F775W_PO L6OV	(1) JUPITER	ACS/WFC, ACCUM, WFC1	F775W POL60V			Sequence 10-12 Non-Int in Visit 06	0.5 Secs (0.5 Secs) [==>]	[1]

