



## 17904 - Rocky Worlds DDT: HST Observations of GJ 3929

Cycle: 32, Proposal Category: GO/DD

(Availability Mode: AVAILABLE)

### INVESTIGATORS

<i>Name</i>	<i>Institution</i>
<b>Dr. Hannah Diamond-Lowe (PI) (Contact)</b>	<b>Space Telescope Science Institute</b>
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Dr. Munazza Alam (CoI)	Space Telescope Science Institute
Rachel Cooper (CoI)	Space Telescope Science Institute
Tyler Baines (CoI)	Space Telescope Science Institute
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Dr. Leonardo Ubeda (CoI)	Space Telescope Science Institute
Dr. Ian Wong (CoI)	Space Telescope Science Institute
Dr. Joshua D. Lothringer (CoI)	Space Telescope Science Institute
Ms. Misty Cracraft (CoI)	Space Telescope Science Institute
Dr. Joseph Filippazzo (CoI)	Space Telescope Science Institute
Rachel Plesha (CoI)	Space Telescope Science Institute
Mr. Douglas Ray Long (CoI)	Space Telescope Science Institute
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Dr. Elena Manjavacas (CoI) (ESA Member)	Space Telescope Science Institute - ESA - JWST
Mees Fix (CoI)	Space Telescope Science Institute
Hannah Braun (CoI)	Space Telescope Science Institute
Kelly Lepo (CoI)	Space Telescope Science Institute
Ryan Kunzer (CoI)	Space Telescope Science Institute

<i>Name</i>	<i>Institution</i>
Kyle Conroy (CoI)	Space Telescope Science Institute
Dr. Mercedes Lopez-Morales (CoI)	Space Telescope Science Institute
Dr. I. Neill Reid (CoI)	Space Telescope Science Institute

**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) GJ-3929	COS/FUV COS/NUV	4	16-Feb-2026 12:00:17.0	yes
02	(1) GJ-3929	COS/FUV COS/NUV	4	16-Feb-2026 12:00:17.0	yes
03	(1) GJ-3929	COS/FUV COS/NUV	4	16-Feb-2026 12:00:18.0	yes
05	(1) GJ-3929	COS/FUV COS/NUV	4	16-Feb-2026 12:00:19.0	yes
06	(1) GJ-3929 CCDFLAT WAVE	STIS/CCD STIS/NUV-MAMA	2	16-Feb-2026 12:00:20.0	yes
07	(1) GJ-3929 WAVE	STIS/CCD STIS/FUV-MAMA	3	16-Feb-2026 12:00:21.0	yes
08	(1) GJ-3929 WAVE	STIS/CCD STIS/FUV-MAMA	3	16-Feb-2026 12:00:22.0	yes
56	(1) GJ-3929 CCDFLAT WAVE	STIS/CCD STIS/NUV-MAMA	1	16-Feb-2026 12:00:23.0	yes
57	(1) GJ-3929 WAVE	STIS/CCD STIS/FUV-MAMA	1	16-Feb-2026 12:00:24.0	yes
58	(1) GJ-3929 WAVE	STIS/CCD STIS/FUV-MAMA	1	16-Feb-2026 12:00:24.0	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>
59	(1) GJ-3929 WAVE	STIS/CCD STIS/FUV-MAMA	1	16-Feb-2026 12:00:25.0	yes
60	(1) GJ-3929 WAVE	STIS/CCD STIS/FUV-MAMA	1	16-Feb-2026 12:00:25.0	yes

29 Total Orbits Used

## **ABSTRACT**

Rocky Worlds is a joint JWST and HST Director's Discretionary Program designed to implement the top recommendations from the Working Group on Strategic Exoplanet Initiatives with HST and JWST. The HST side of the Rocky Worlds DDT focuses on ultraviolet (UV) characterization of the nearby M-dwarf hosts of the rocky planets observed with JWST. We will use COS and STIS to measure the UV to blue-optical spectra of these stars, including UV flare monitoring and measuring the wings of the Ly-alpha profile where appropriate. With these observations we will constrain the high-energy output of these host M dwarfs in the UV, which can be applied to planetary models of atmospheric escape, as well as photochemistry if a planetary atmosphere is present. Complementary observations and analysis to fill in the rest of the M-dwarf panchromatic spectra, from the X-ray to the infrared, are encouraged.

Each M-dwarf planet host observed by HST in the Rocky Worlds DDT program has its own Program ID. The observations in this program will focus on GJ 3929

## **OBSERVING DESCRIPTION**

HST observations of GJ 3929. 12 orbits of flare monitoring using G130M/1222. 4 orbits of FUV line coverage with G160M/1533 which provides complete coverage with G130M/1222 of 1070-1710 Angstroms. We obtain NUV/Vis low resolution spectroscopy with STIS G230L, G430L, and G750L and the 52x0.2 slit in order to construct an accurate stellar SED. 6 orbits of G140M 52x0.05D1 observations for Lyman alpha line reconstruction. We decided to favor the narrower slit due to being close to Solar Maximum and the 52x0.05 slit rejects more geocoronal Lyman alpha at the expense of a slight decrease in expected SNR. We select timing constraints on the G140M visits to align the geocoronal Lyman alpha line with the expected ISM absorption velocity relative to the radial velocity of GJ 3929 (rv\_GJ3929~10 km/s). We also select the D1 position to minimize FUV detector glow. This is due to the fact that we have multiple contiguous orbits with the FUV-MAMA and the glow increases with detector on time. The expected Lyman alpha line should be faint as well and the SNR would be impacted by higher detector background. All UV observations are obtained in time-tag mode to allow for light curves to be generated in the case of a flare or serendipitous transit.

For all observations we used a distance scaled version of GJ436's MUSCLES SED, or from previous G140M observations of the Lyman alpha wings. GJ436 is another M3.5V star that has been observed extensively with HST. These observations mimic characterization of other M dwarfs from previous programs.

Proposal 17904 - G130M-Flare1 (01) - Rocky Worlds DDT: HST Observations of GJ 3929

<b>Visit</b>	<b>Proposal 17904, G130M-Flare1 (01), completed</b>	Mon Feb 16 17:00:25 GMT 2026
	<b>Diagnostic Status: Informational</b>	
	Scientific Instruments: COS/FUV, COS/NUV	
	Special Requirements: SCHED 100%; BETWEEN 30-JAN-2026:20:30:00 AND 30-JAN-2026:21:30:00	
<i>Comments: Flare Monitoring</i>		

# Proposal 17904 - G130M-Flare1 (01) - Rocky Worlds DDT: HST Observations of GJ 3929

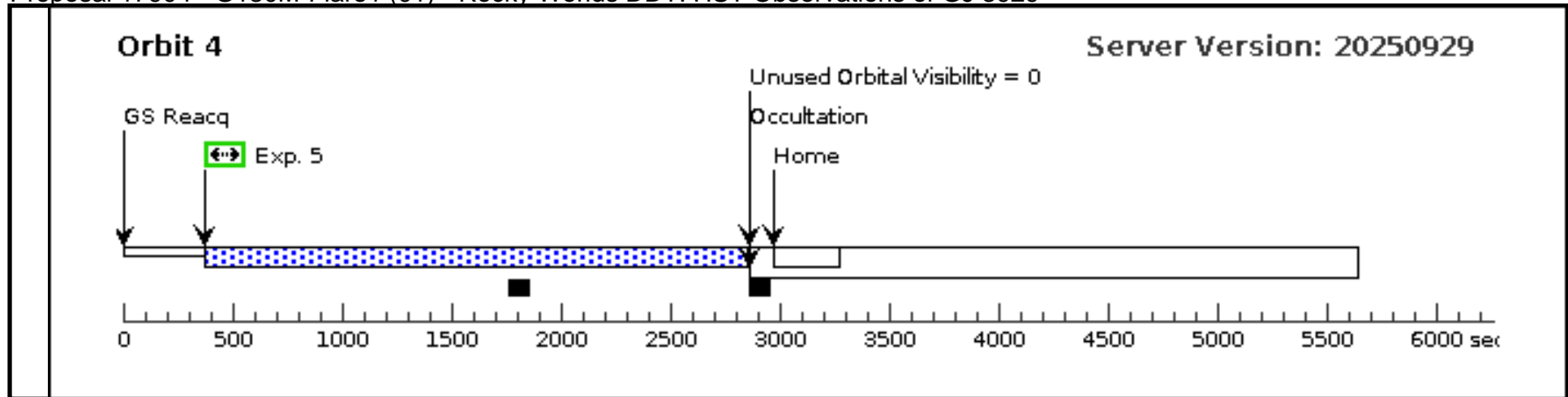
## Diagnosics

(G130M/1222-FP1 (01.002)) Informational (Form): 1222 is not a valid selection.  
(G130M/1222-FP1 (01.002)) Informational (Form): G130M is not a valid selection.  
(G130M/1222-FP1 (01.002)) Informational (Form): Illegal selection: PSA.  
(G130M/1222-FP1 (01.002)) Informational (Form): LP4 is not a valid selection  
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(G130M/1222-FP1 (01.002)) Informational (Form): This attribute cannot have this value due to other choices: Aperture=PSA.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP1 (01.002)) Informational (Form): This attribute cannot have this value due to other choices: Config=COS/FUV.  
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(G130M/1222-FP1 (01.002)) Informational (Form): This attribute cannot have this value due to other choices: Optional\_Parameter=LIFETIME-POS=LP4.  
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(G130M/1222-FP3 (01.004)) Informational (Form): 1222 is not a valid selection.  
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(G130M/1222-FP4 (01.005)) Informational (Form): 1222 is not a valid selection.  
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Proposal 17904 - G130M-Flare1 (01) - Rocky Worlds DDT: HST Observations of GJ 3929

<p>(G130M/1222-FP4 (01.005)) Informational (Form): This attribute cannot have this value due to other choices: Aperture=PSA. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p> <p>(G130M/1222-FP4 (01.005)) Informational (Form): This attribute cannot have this value due to other choices: Config=COS/FUV. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p> <p>(G130M/1222-FP4 (01.005)) Informational (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LIFETIME-POS=LP4. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p> <p>(G130M/1222-FP4 (01.005)) Informational (Form): This attribute cannot have this value due to other choices: Spectral_Element=G130M. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p> <p>(G130M/1222-FP4 (01.005)) Informational (Form): This attribute cannot have this value due to other choices: Wavelength=1222. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p>											
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>					
	(1)	GJ-3929	RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000	Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec	V=12.675+/-0.05	Reference Frame: ICRS					
<p><i>Comments: Object has been manually updated with Gaia DR3 coordinates, proper motions, parallax, and epoch</i> Category=STAR Description=[M V-IV] Extended=NO</p>											
<b>Exposures</b>	<b>#</b>	<b>Label (ETC Run)</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	NUV ACQ/ MIRRORB (COS.ta.202 1013)	(1) GJ-3929	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				144 Secs (144 Secs) [==>]	[1]	
	<p><i>Comments: 2% limitation on emission line lifetimes. Initial look is ~1 counts total in the Brightest emission line per FP-POS. We should be ok for lifetime</i></p>										
	2	G130M/122 2-FP1 (COS.sp.195 9802)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=13 50; LIFETIME-POS=L P4				1874 Secs (1874 Secs) [==>]	[1]
	3	G130M/122 2-FP2 (COS.sp.195 9802)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=13 50; LIFETIME-POS=L P4				2424 Secs (2424 Secs) [==>]	[2]
	4	G130M/122 2-FP3 (COS.sp.195 9802)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=13 50; LIFETIME-POS=L P4				2424 Secs (2424 Secs) [==>]	[3]
5	G130M/122 2-FP4 (COS.sp.195 9802)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=13 50; LIFETIME-POS=L P4				2424 Secs (2424 Secs) [==>]	[4]	





Proposal 17904 - G130M-Flare2 (02) - Rocky Worlds DDT: HST Observations of GJ 3929

Visit	<b>Proposal 17904, G130M-Flare2 (02), completed</b>	Mon Feb 16 17:00:26 GMT 2026
	<b>Diagnostic Status: Informational</b>	
	Scientific Instruments: COS/FUV, COS/NUV	
	Special Requirements: SCHED 100%; BETWEEN 10-FEB-2026:09:00:00 AND 10-FEB-2026:10:00:00	
	<i>Comments: Flare Monitoring</i>	

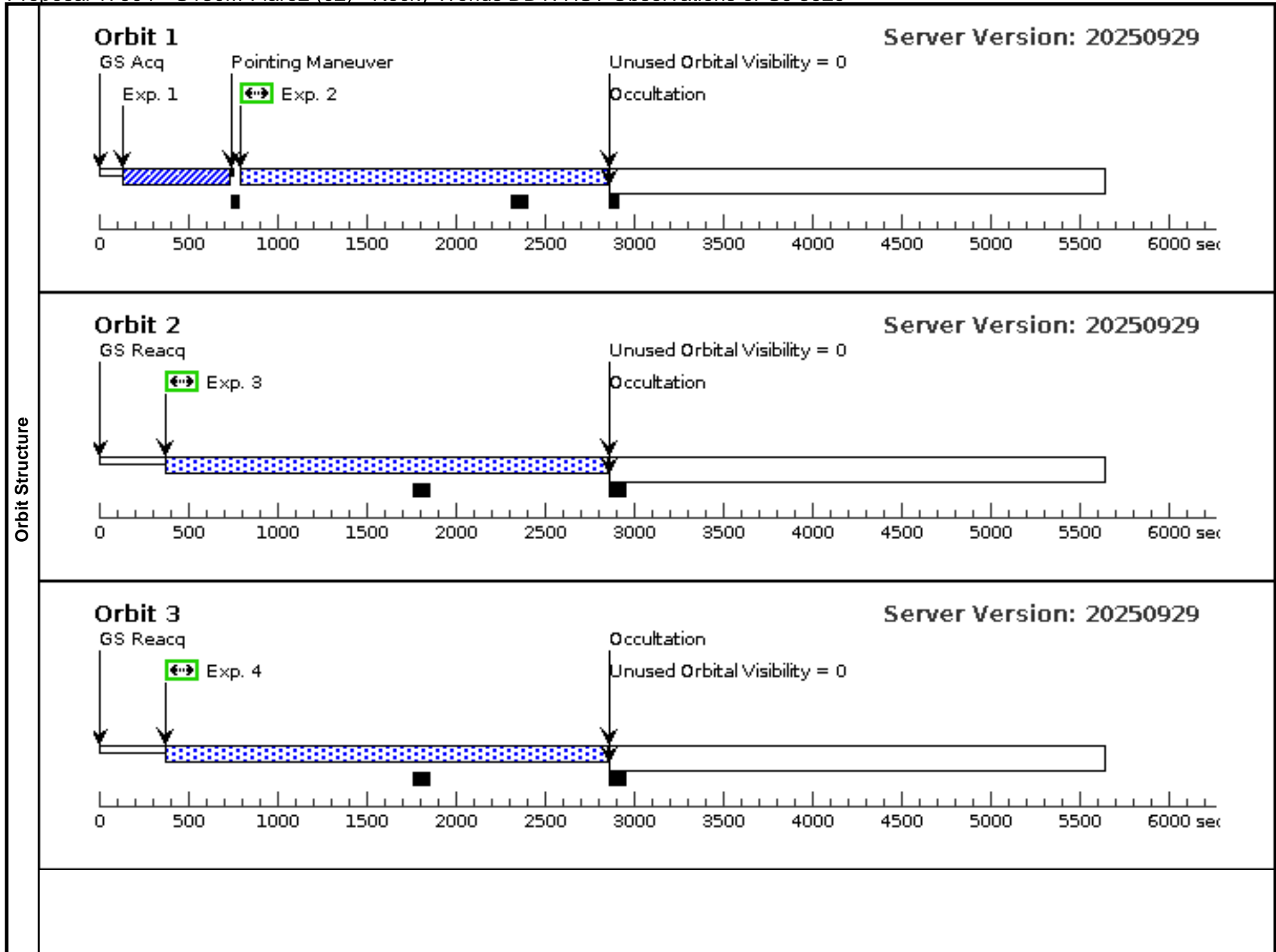
# Proposal 17904 - G130M-Flare2 (02) - Rocky Worlds DDT: HST Observations of GJ 3929

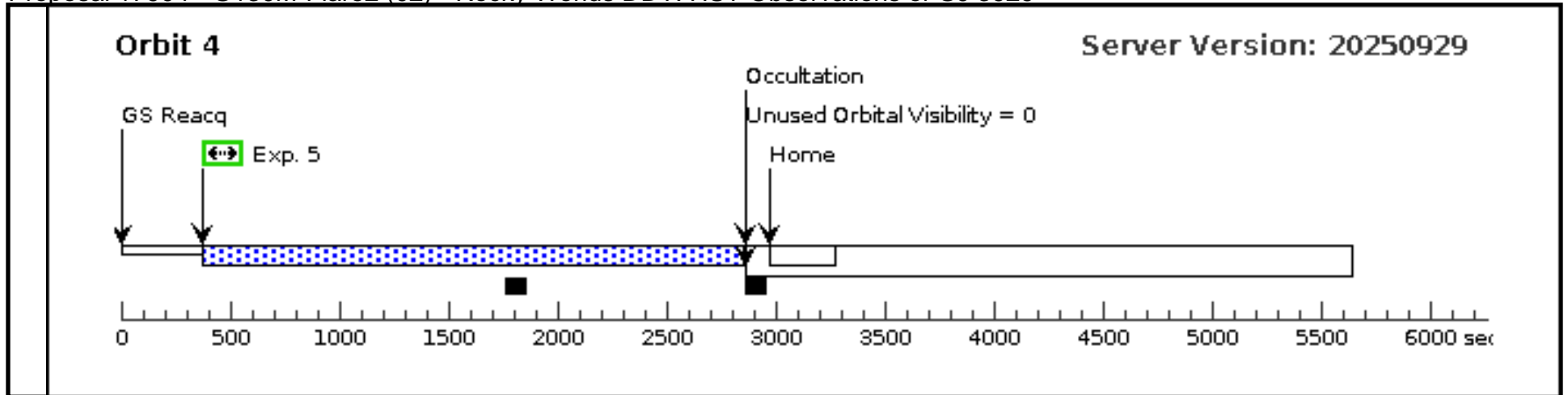
## Diagnosics

(G130M/1222-FP1 (02.002)) Informational (Form): 1222 is not a valid selection.  
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(G130M/1222-FP3 (02.004)) Informational (Form): LP4 is not a valid selection  
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G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
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(G130M/1222-FP4 (02.005)) Informational (Form): Illegal selection: PSA.  
(G130M/1222-FP4 (02.005)) Informational (Form): LP4 is not a valid selection  
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Proposal 17904 - G130M-Flare2 (02) - Rocky Worlds DDT: HST Observations of GJ 3929

<p>(G130M/1222-FP4 (02.005)) Informational (Form): This attribute cannot have this value due to other choices: Aperture=PSA. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p> <p>(G130M/1222-FP4 (02.005)) Informational (Form): This attribute cannot have this value due to other choices: Config=COS/FUV. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p> <p>(G130M/1222-FP4 (02.005)) Informational (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LIFETIME-POS=LP4. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p> <p>(G130M/1222-FP4 (02.005)) Informational (Form): This attribute cannot have this value due to other choices: Spectral_Element=G130M. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p> <p>(G130M/1222-FP4 (02.005)) Informational (Form): This attribute cannot have this value due to other choices: Wavelength=1222. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p>										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(1)	GJ-3929	RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000	Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec	V=12.675+/-0.05	Reference Frame: ICRS				
<p><i>Comments: Object has been manually updated with Gaia DR3 coordinates, proper motions, parallax, and epoch</i></p> <p>Category=STAR Description=[M V-IV] Extended=NO</p>										
<b>Exposures</b>	<b>#</b>	<b>Label (ETC Run)</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	NUV ACQ/ MIRRORB (COS.ta.202 1013)	(1) GJ-3929	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				144 Secs (144 Secs) [==>]	[1]
	2	G130M/122 2-FP1 (COS.sp.195 9802)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=13 50; LIFETIME-POS=L P4			1874 Secs (1874 Secs) [==>]	[1]
	3	G130M/122 2-FP2 (COS.sp.195 9802)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=13 50; LIFETIME-POS=L P4			2424 Secs (2424 Secs) [==>]	[2]
	4	G130M/122 2-FP3 (COS.sp.195 9802)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=13 50; LIFETIME-POS=L P4			2424 Secs (2424 Secs) [==>]	[3]
	5	G130M/122 2-FP4 (COS.sp.195 9802)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=13 50; LIFETIME-POS=L P4			2424 Secs (2424 Secs) [==>]	[4]





Proposal 17904 - G130M-Flare3 (03) - Rocky Worlds DDT: HST Observations of GJ 3929

Visit	<b>Proposal 17904, G130M-Flare3 (03), completed</b>	Mon Feb 16 17:00:26 GMT 2026
	<b>Diagnostic Status: Informational</b> Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 26-JAN-2026:00:00:00 AND 16-FEB-2026:00:00:00 <i>Comments: Flare Monitoring</i>	

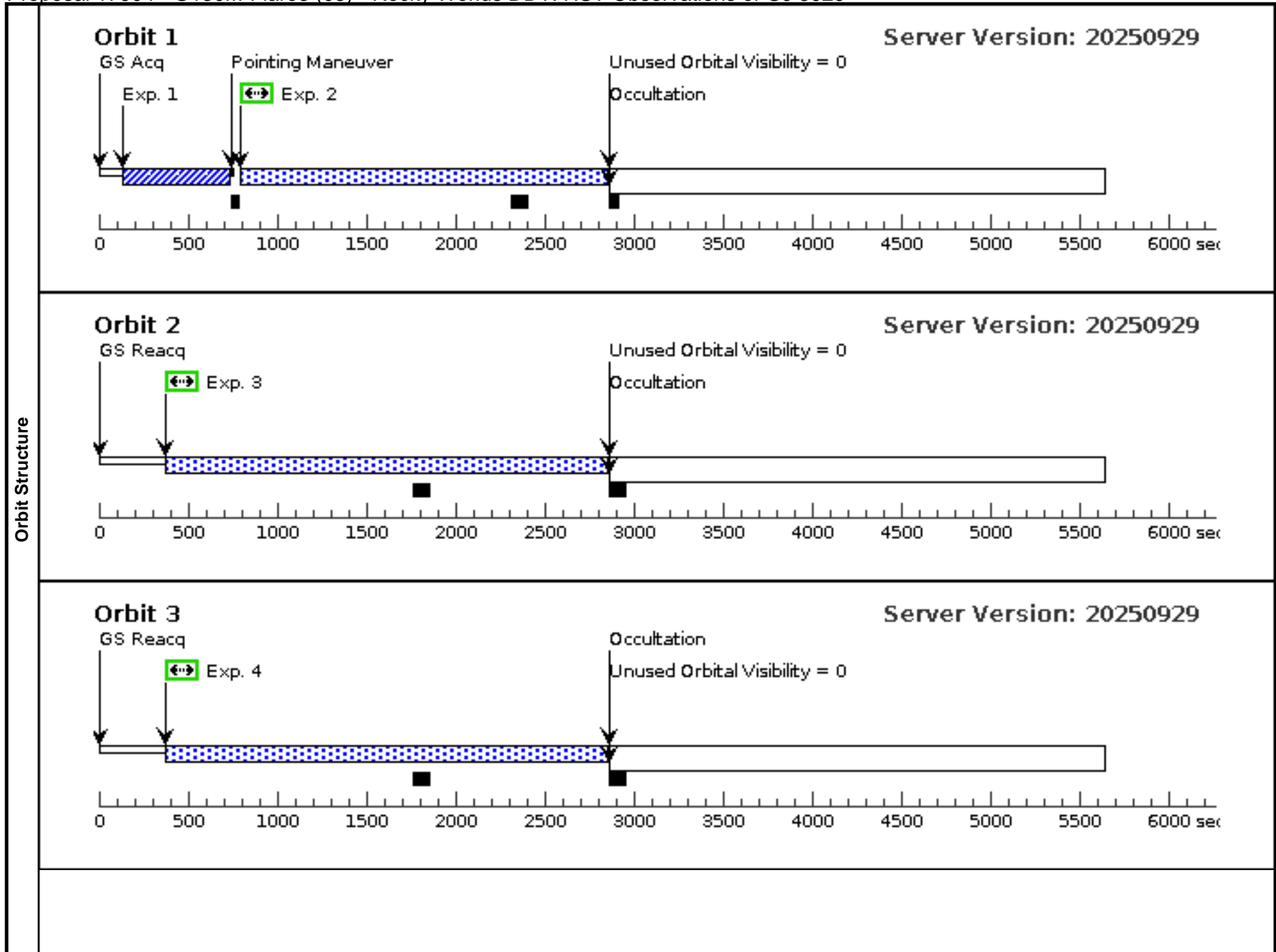
# Proposal 17904 - G130M-Flare3 (03) - Rocky Worlds DDT: HST Observations of GJ 3929

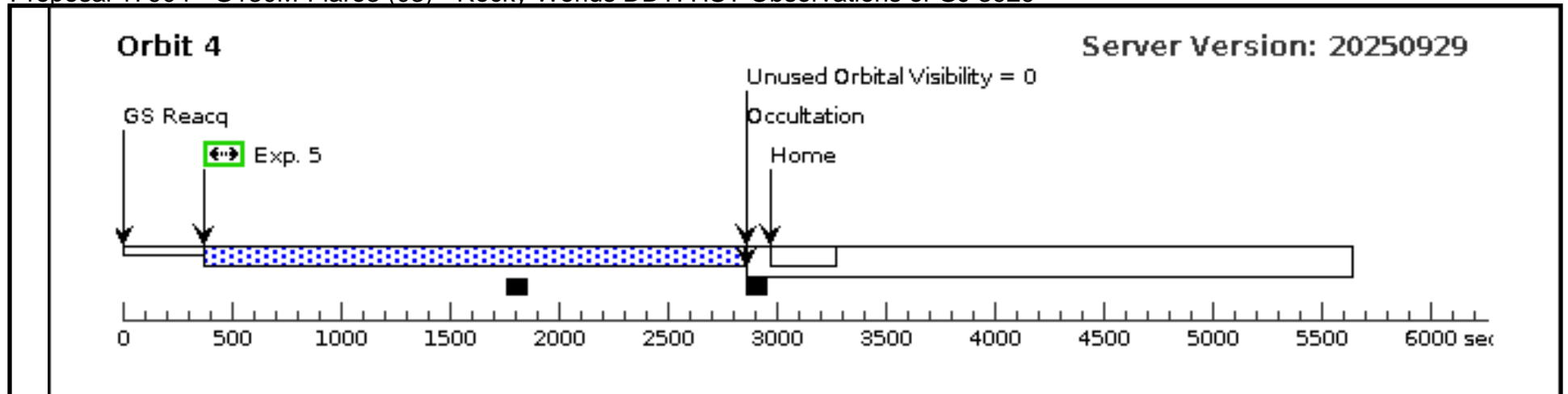
## Diagnosics

(G130M/1222-FP1 (03.002)) Informational (Form): 1222 is not a valid selection.  
(G130M/1222-FP1 (03.002)) Informational (Form): G130M is not a valid selection.  
(G130M/1222-FP1 (03.002)) Informational (Form): Illegal selection: PSA.  
(G130M/1222-FP1 (03.002)) Informational (Form): LP4 is not a valid selection  
(G130M/1222-FP1 (03.002)) Informational (Form): LP4 is not a valid selection  
(G130M/1222-FP1 (03.002)) Informational (Form): This attribute cannot have this value due to other choices: Aperture=PSA.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP1 (03.002)) Informational (Form): This attribute cannot have this value due to other choices: Config=COS/FUV.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP1 (03.002)) Informational (Form): This attribute cannot have this value due to other choices: Optional\_Parameter=LIFETIME-POS=LP4.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP1 (03.002)) Informational (Form): This attribute cannot have this value due to other choices: Spectral\_Element=G130M.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP1 (03.002)) Informational (Form): This attribute cannot have this value due to other choices: Wavelength=1222.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP2 (03.003)) Informational (Form): 1222 is not a valid selection.  
(G130M/1222-FP2 (03.003)) Informational (Form): G130M is not a valid selection.  
(G130M/1222-FP2 (03.003)) Informational (Form): Illegal selection: PSA.  
(G130M/1222-FP2 (03.003)) Informational (Form): LP4 is not a valid selection  
(G130M/1222-FP2 (03.003)) Informational (Form): LP4 is not a valid selection  
(G130M/1222-FP2 (03.003)) Informational (Form): This attribute cannot have this value due to other choices: Aperture=PSA.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP2 (03.003)) Informational (Form): This attribute cannot have this value due to other choices: Config=COS/FUV.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP2 (03.003)) Informational (Form): This attribute cannot have this value due to other choices: Optional\_Parameter=LIFETIME-POS=LP4.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP2 (03.003)) Informational (Form): This attribute cannot have this value due to other choices: Spectral\_Element=G130M.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP2 (03.003)) Informational (Form): This attribute cannot have this value due to other choices: Wavelength=1222.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP3 (03.004)) Informational (Form): 1222 is not a valid selection.  
(G130M/1222-FP3 (03.004)) Informational (Form): G130M is not a valid selection.  
(G130M/1222-FP3 (03.004)) Informational (Form): Illegal selection: PSA.  
(G130M/1222-FP3 (03.004)) Informational (Form): LP4 is not a valid selection  
(G130M/1222-FP3 (03.004)) Informational (Form): LP4 is not a valid selection  
(G130M/1222-FP3 (03.004)) Informational (Form): This attribute cannot have this value due to other choices: Aperture=PSA.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP3 (03.004)) Informational (Form): This attribute cannot have this value due to other choices: Config=COS/FUV.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP3 (03.004)) Informational (Form): This attribute cannot have this value due to other choices: Optional\_Parameter=LIFETIME-POS=LP4.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP3 (03.004)) Informational (Form): This attribute cannot have this value due to other choices: Spectral\_Element=G130M.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP3 (03.004)) Informational (Form): This attribute cannot have this value due to other choices: Wavelength=1222.  
G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7  
(G130M/1222-FP4 (03.005)) Informational (Form): 1222 is not a valid selection.  
(G130M/1222-FP4 (03.005)) Informational (Form): G130M is not a valid selection.  
(G130M/1222-FP4 (03.005)) Informational (Form): Illegal selection: PSA.  
(G130M/1222-FP4 (03.005)) Informational (Form): LP4 is not a valid selection  
(G130M/1222-FP4 (03.005)) Informational (Form): LP4 is not a valid selection

Proposal 17904 - G130M-Flare3 (03) - Rocky Worlds DDT: HST Observations of GJ 3929

<p>(G130M/1222-FP4 (03.005)) Informational (Form): This attribute cannot have this value due to other choices: Aperture=PSA. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p> <p>(G130M/1222-FP4 (03.005)) Informational (Form): This attribute cannot have this value due to other choices: Config=COS/FUV. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p> <p>(G130M/1222-FP4 (03.005)) Informational (Form): This attribute cannot have this value due to other choices: Optional_Parameter=LIFETIME-POS=LP4. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p> <p>(G130M/1222-FP4 (03.005)) Informational (Form): This attribute cannot have this value due to other choices: Spectral_Element=G130M. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p> <p>(G130M/1222-FP4 (03.005)) Informational (Form): This attribute cannot have this value due to other choices: Wavelength=1222. G130M Wavelengths 1055, 1096, and 1222 are only allowed on Lifetime Position LP7</p>										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(1)	GJ-3929	RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000	Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec	V=12.675+/-0.05	Reference Frame: ICRS				
<p><i>Comments: Object has been manually updated with Gaia DR3 coordinates, proper motions, parallax, and epoch</i>  Category=STAR  Description=[M V-IV]  Extended=NO</p>										
<b>Exposures</b>	<b>#</b>	<b>Label (ETC Run)</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	NUV ACQ/ MIRRORB (COS.ta.202 1013)	(1) GJ-3929	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				144 Secs (144 Secs) [==>]	[1]
	2	G130M/122 2-FP1 (COS.sp.195 9802)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=13 50; LIFETIME-POS=L P4			1874 Secs (1874 Secs) [==>]	[1]
	3	G130M/122 2-FP2 (COS.sp.195 9802)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=13 50; LIFETIME-POS=L P4			2424 Secs (2424 Secs) [==>]	[2]
	4	G130M/122 2-FP3 (COS.sp.195 9802)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=13 50; LIFETIME-POS=L P4			2424 Secs (2424 Secs) [==>]	[3]
	5	G130M/122 2-FP4 (COS.sp.195 9802)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=13 50; LIFETIME-POS=L P4			2424 Secs (2424 Secs) [==>]	[4]





Proposal 17904 - G160M-Coverage1 (05) - Rocky Worlds DDT: HST Observations of GJ 3929

Visit	<b>Proposal 17904, G160M-Coverage1 (05), completed</b>	Mon Feb 16 17:00:26 GMT 2026
	<b>Diagnostic Status: Informational</b> Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 26-JAN-2026:00:00:00 AND 16-FEB-2026:00:00:00 <i>Comments: FUV coverage for emission lines, primarily CIV</i>	

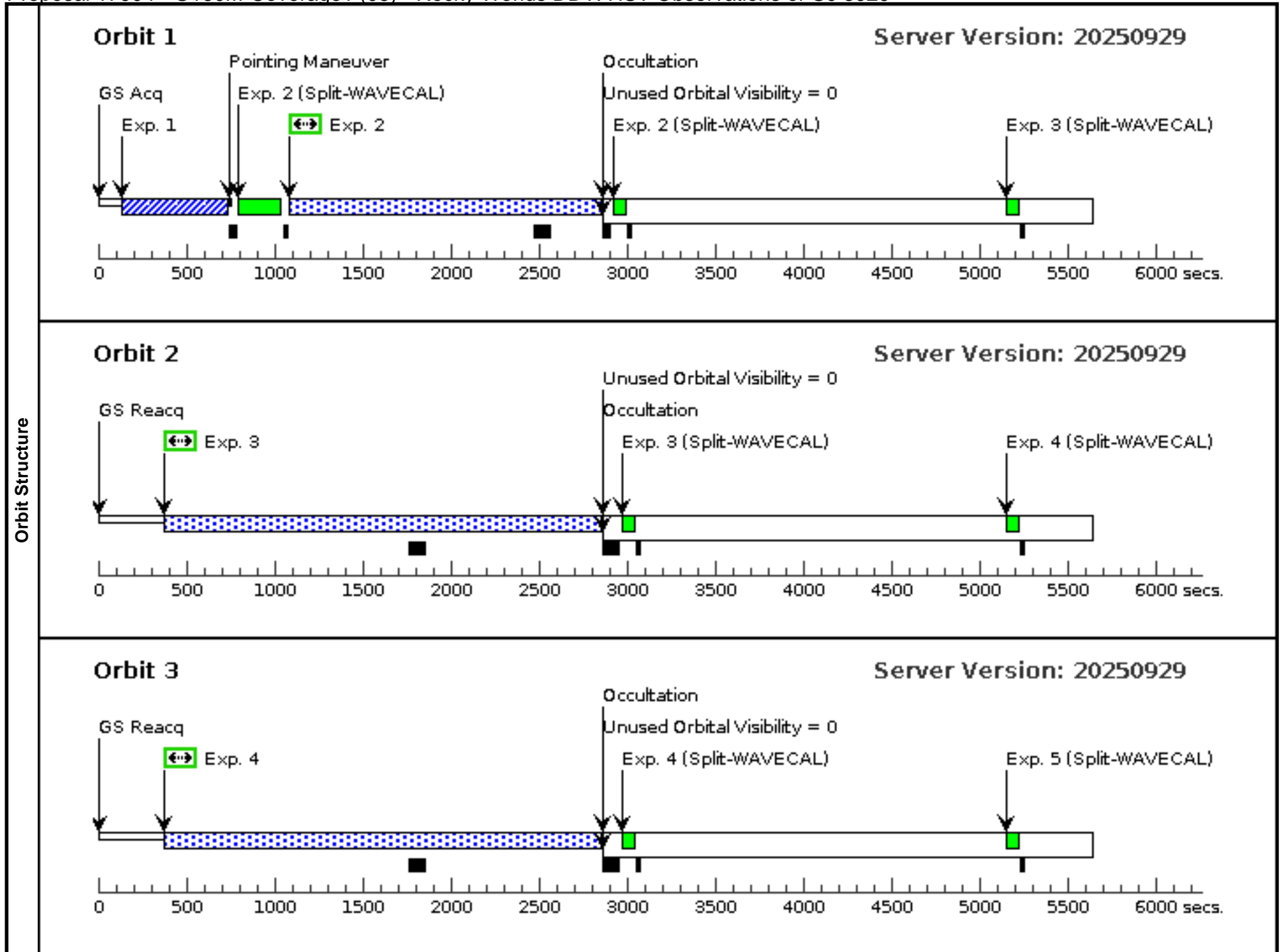
## Proposal 17904 - G160M-Coverage1 (05) - Rocky Worlds DDT: HST Observations of GJ 3929

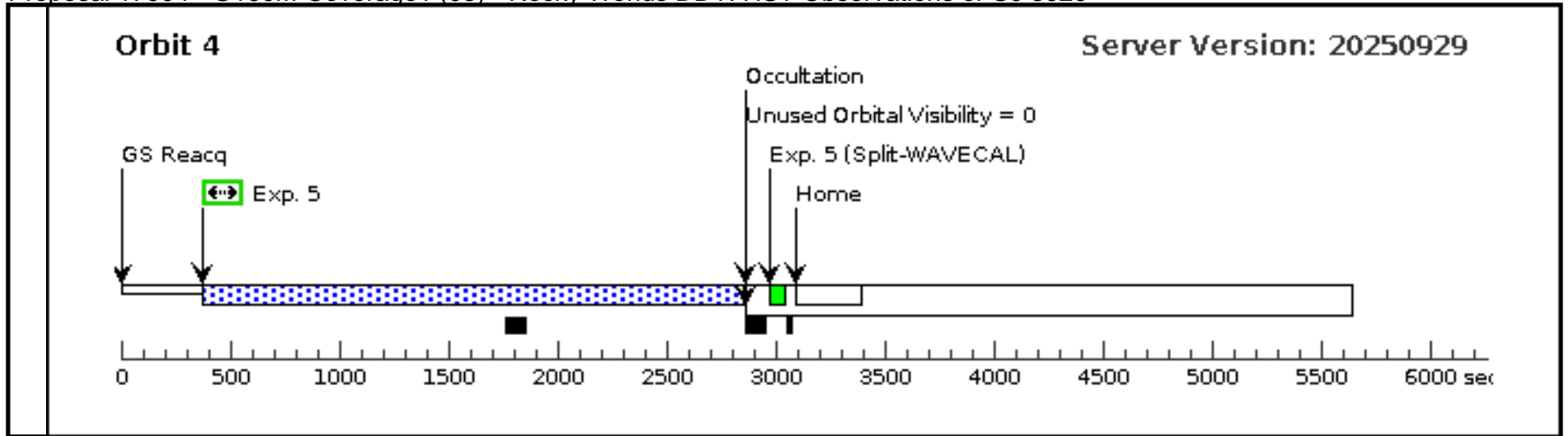
### Diagnosics

(G160M/1533-FP1 (05.002)) Informational (Form): Illegal selection: G160M.  
(G160M/1533-FP1 (05.002)) Informational (Form): LP6 is not a valid selection  
(G160M/1533-FP1 (05.002)) Informational (Form): LP6 is not a valid selection  
(G160M/1533-FP1 (05.002)) Informational (Form): PSA is not a valid selection.  
(G160M/1533-FP1 (05.002)) Informational (Form): This attribute cannot have this value due to other choices: Aperture=PSA.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP1 (05.002)) Informational (Form): This attribute cannot have this value due to other choices: Config=COS/FUV.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP1 (05.002)) Informational (Form): This attribute cannot have this value due to other choices: Optional\_Parameter=LIFETIME-POS=LP6.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP1 (05.002)) Informational (Form): This attribute cannot have this value due to other choices: Spectral\_Element=G160M.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP2 (05.003)) Informational (Form): Illegal selection: G160M.  
(G160M/1533-FP2 (05.003)) Informational (Form): LP6 is not a valid selection  
(G160M/1533-FP2 (05.003)) Informational (Form): LP6 is not a valid selection  
(G160M/1533-FP2 (05.003)) Informational (Form): PSA is not a valid selection.  
(G160M/1533-FP2 (05.003)) Informational (Form): This attribute cannot have this value due to other choices: Aperture=PSA.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP2 (05.003)) Informational (Form): This attribute cannot have this value due to other choices: Config=COS/FUV.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP2 (05.003)) Informational (Form): This attribute cannot have this value due to other choices: Optional\_Parameter=LIFETIME-POS=LP6.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP2 (05.003)) Informational (Form): This attribute cannot have this value due to other choices: Spectral\_Element=G160M.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP3 (05.004)) Informational (Form): Illegal selection: G160M.  
(G160M/1533-FP3 (05.004)) Informational (Form): LP6 is not a valid selection  
(G160M/1533-FP3 (05.004)) Informational (Form): LP6 is not a valid selection  
(G160M/1533-FP3 (05.004)) Informational (Form): PSA is not a valid selection.  
(G160M/1533-FP3 (05.004)) Informational (Form): This attribute cannot have this value due to other choices: Aperture=PSA.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP3 (05.004)) Informational (Form): This attribute cannot have this value due to other choices: Config=COS/FUV.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP3 (05.004)) Informational (Form): This attribute cannot have this value due to other choices: Optional\_Parameter=LIFETIME-POS=LP6.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP3 (05.004)) Informational (Form): This attribute cannot have this value due to other choices: Spectral\_Element=G160M.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP4 (05.005)) Informational (Form): Illegal selection: G160M.  
(G160M/1533-FP4 (05.005)) Informational (Form): LP6 is not a valid selection  
(G160M/1533-FP4 (05.005)) Informational (Form): LP6 is not a valid selection  
(G160M/1533-FP4 (05.005)) Informational (Form): PSA is not a valid selection.  
(G160M/1533-FP4 (05.005)) Informational (Form): This attribute cannot have this value due to other choices: Aperture=PSA.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP4 (05.005)) Informational (Form): This attribute cannot have this value due to other choices: Config=COS/FUV.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP4 (05.005)) Informational (Form): This attribute cannot have this value due to other choices: Optional\_Parameter=LIFETIME-POS=LP6.  
Only lifetime position LP10 may be specified for G160M exposures  
(G160M/1533-FP4 (05.005)) Informational (Form): This attribute cannot have this value due to other choices: Spectral\_Element=G160M.  
Only lifetime position LP10 may be specified for G160M exposures

Proposal 17904 - G160M-Coverage1 (05) - Rocky Worlds DDT: HST Observations of GJ 3929

	Fixed Targets									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	GJ-3929	RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000	Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec	V=12.675+/-0.05	Reference Frame: ICRS				
	<i>Comments: Object has been manually updated with Gaia DR3 coordinates, proper motions, parallax, and epoch</i> Category=STAR Description=[M V-IV] Extended=NO									
	Exposures									
	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Acquisition (COS.ta.2021013)	(1) GJ-3929	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				144 Secs (144 Secs)	
									[==>]	[1]
	<i>Comments: Lifetime check for G160M: Initial look is ~4 counts total in the Brightest emission line per FP-POS. We should be ok.</i>									
	2	G160M/153 3-FP1 (COS.sp.1959797)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FP-POS=1; BUFFER-TIME=1350; LIFETIME-POS=L P6			1715 Secs (1715 Secs)	
									[==>]	[1]
3	G160M/153 3-FP2 (COS.sp.1959797)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FP-POS=2; BUFFER-TIME=1350; LIFETIME-POS=L P6			2428 Secs (2428 Secs)		
								[==>]	[2]	
4	G160M/153 3-FP3 (COS.sp.1959797)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FP-POS=3; BUFFER-TIME=1350; LIFETIME-POS=L P6			2428 Secs (2428 Secs)		
								[==>]	[3]	
5	G160M/153 3-FP4 (COS.sp.1959797)	(1) GJ-3929	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FP-POS=4; BUFFER-TIME=1350; LIFETIME-POS=L P6			2428 Secs (2428 Secs)		
								[==>]	[4]	



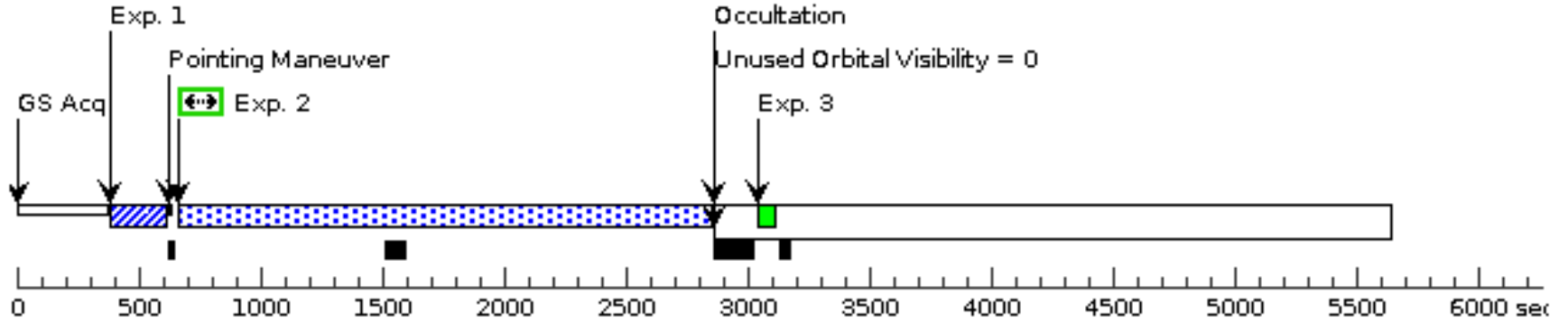


Proposal 17904 - STIS-Coverage1 (06) - Rocky Worlds DDT: HST Observations of GJ 3929

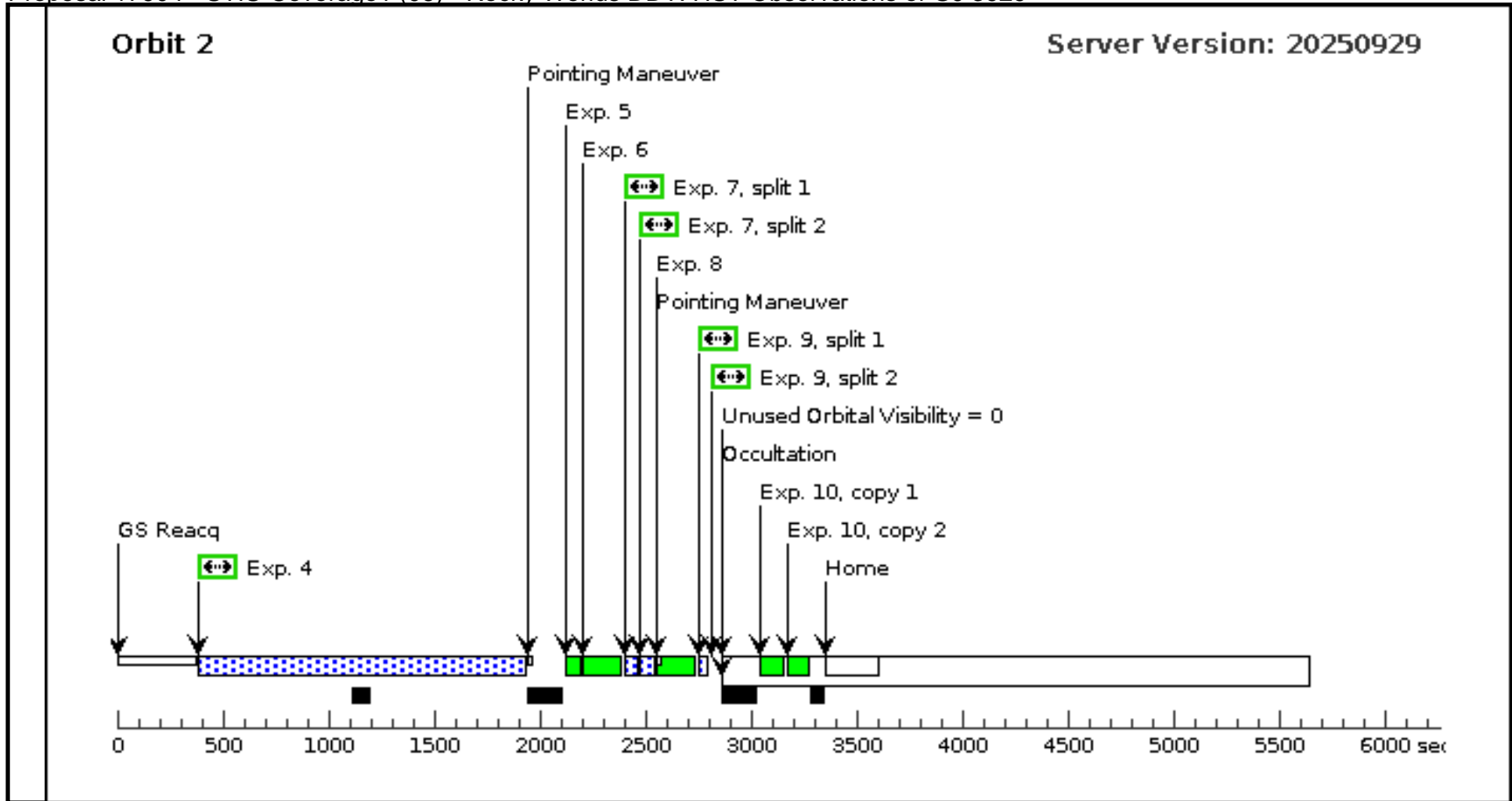
Mon Feb 16 17:00:26 GMT 2026

Visit	<b>Proposal 17904, STIS-Coverage1 (06), failed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: SCHED 100%; BETWEEN 26-JAN-2026:00:00:00 AND 16-FEB-2026:00:00:00 Comments: UV/Vis characterization																					
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>GJ-3929</td> <td>RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000</td> <td>Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec</td> <td>V=12.675+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> Comments: Object has been manually updated with Gaia DR3 coordinates, proper motions, parallax, and epoch Category=STAR Description=[M V-IV] Extended=NO										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	GJ-3929	RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000	Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec	V=12.675+/-0.05
#		Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																
(1)	GJ-3929	RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000	Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec	V=12.675+/-0.05	Reference Frame: ICRS																	
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit												
	1	Acquisition (STIS.ta.1956159)	(1) GJ-3929	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]												
	2	G230L exp1 (STIS.sp.1956162)	(1) GJ-3929	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A		BUFFER-TIME=73 8; WAVECAL=NO		2065 Secs (2065 Secs) [==>]	[1]												
	3	WAVECAL	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				[==>]	[1]												
	4	G230L exp2 (STIS.sp.1956162)	(1) GJ-3929	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A		BUFFER-TIME=73 8		1534 Secs (1534 Secs) [==>]	[2]												
	5	WAVECAL -G230L	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				[==>]	[2]												
	6	WAVECAL -G430L	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				[==>]	[2]												
	7	G430L (STIS.sp.1981666)	(1) GJ-3929	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A		CR-SPLIT=2		60 Secs (60 Secs) [==>(Split 1)] [==>(Split 2)]	[2]												
	8	WAVECAL -G750L	WAVE	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A				[==>]	[2]												
	9	G750L (STIS.sp.1956173)	(1) GJ-3929	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		CR-SPLIT=2		20 Secs (20 Secs) [==>(Split 1)] [==>(Split 2)]	[2]												
	10	G750L FringeFlat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				[==>(Copy 1)] [==>(Copy 2)]	[2]												

**Orbit 1**



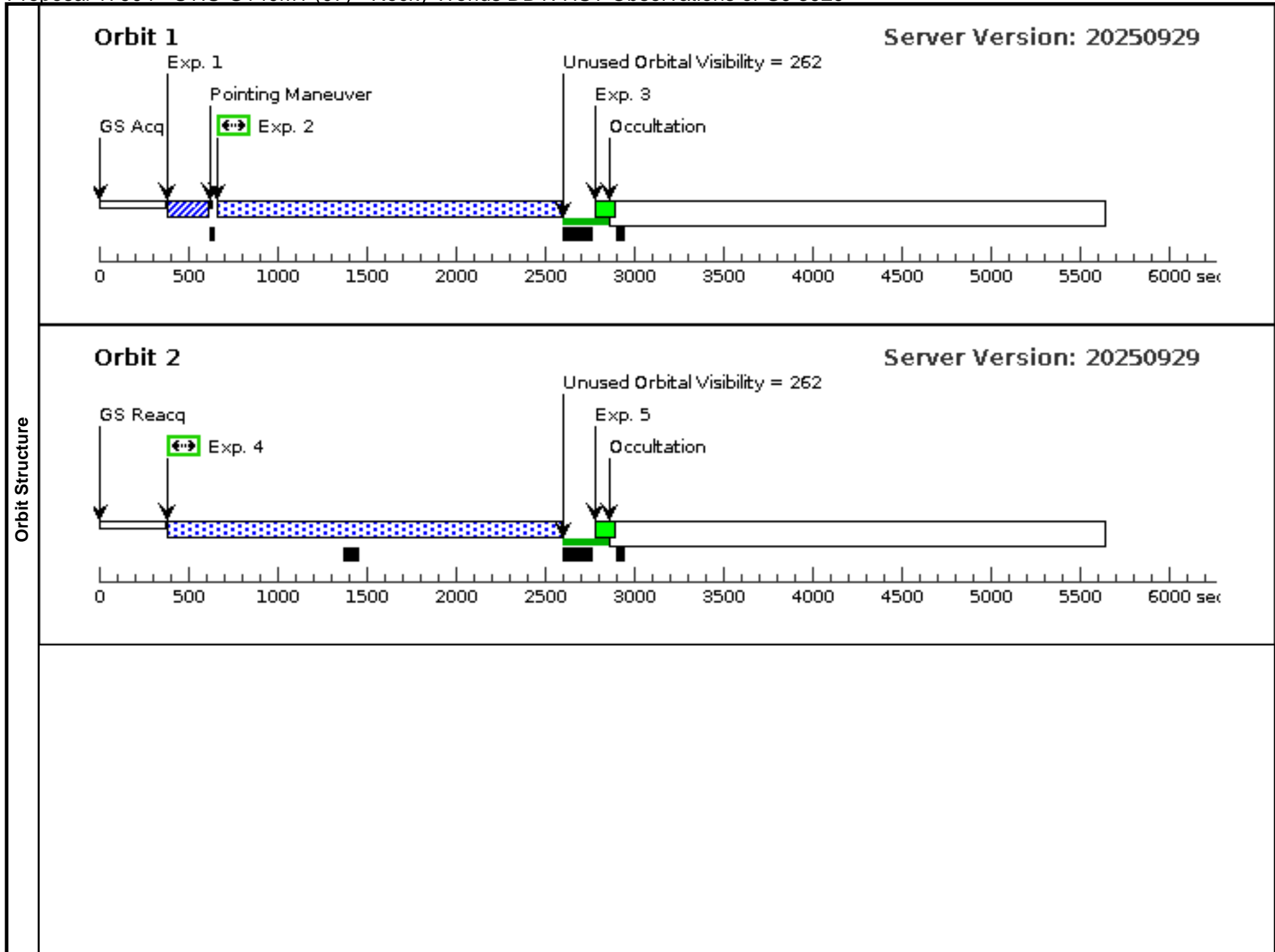
Orbit Structure

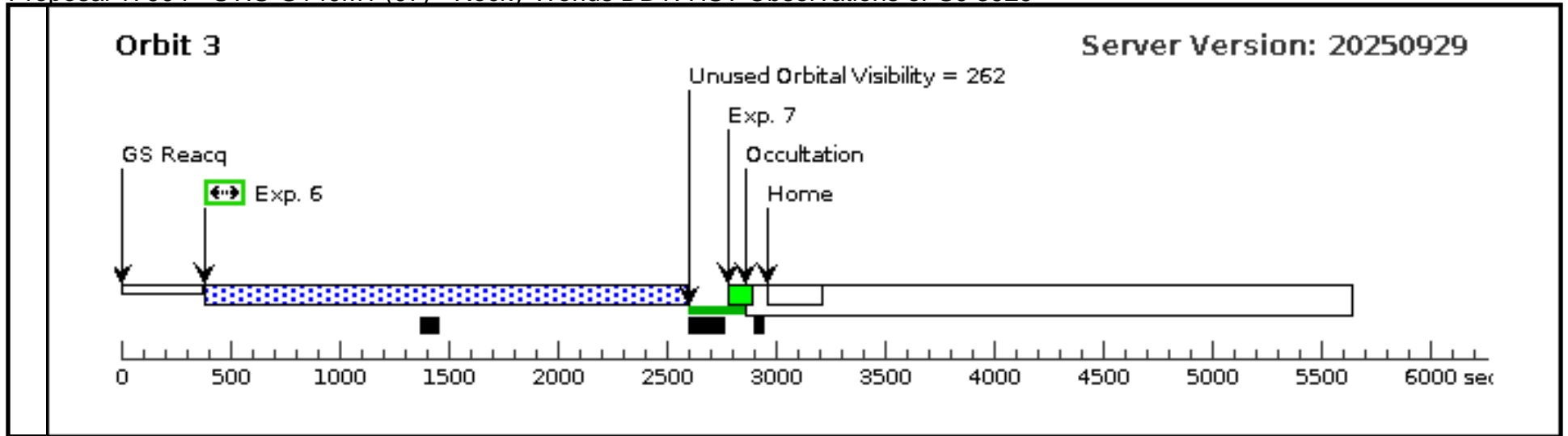


Proposal 17904 - STIS-G140M1 (07) - Rocky Worlds DDT: HST Observations of GJ 3929

Mon Feb 16 17:00:26 GMT 2026

Visit	<b>Proposal 17904, STIS-G140M1 (07), failed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 01-MAY-2025:00:00:00 AND 01-NOV-2025:00:00:00										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(1)	GJ-3929	RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000	Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec	V=12.675+/-0.05	Reference Frame: ICRS				
	<i>Comments: Object has been manually updated with Gaia DR3 coordinates, proper motions, parallax, and epoch</i> Category=STAR Description=[M V-IV] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Lyman alph a ACQ (STIS.ta.198 2407)	(1) GJ-3929	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]	
	2	Lyman alph a-a1 (STIS.sp.19 80605)	(1) GJ-3929	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO			1778 Secs (1778 Secs) [==>]	[1]	
	3	WAVECAL WAVE		STIS/FUV-MAMA, ACCUM, 52X0.2	G140M 1222 A				[==>]	[1]	
	<i>Comments: Using default due to STIS team recommendations</i>										
	4	Lyman alph a-a2 (STIS.sp.19 80605)	(1) GJ-3929	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO			2196 Secs (2196 Secs) [==>]	[2]	
	5	WAVECAL WAVE		STIS/FUV-MAMA, ACCUM, 52X0.2	G140M 1222 A				[==>]	[2]	
	<i>Comments: USing default due to STIS team recommendations</i>										
6	Lyman alph a-a3 (STIS.sp.19 80605)	(1) GJ-3929	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO			2196 Secs (2196 Secs) [==>]	[3]		
7	WAVECAL WAVE		STIS/FUV-MAMA, ACCUM, 52X0.2	G140M 1222 A				[==>]	[3]		

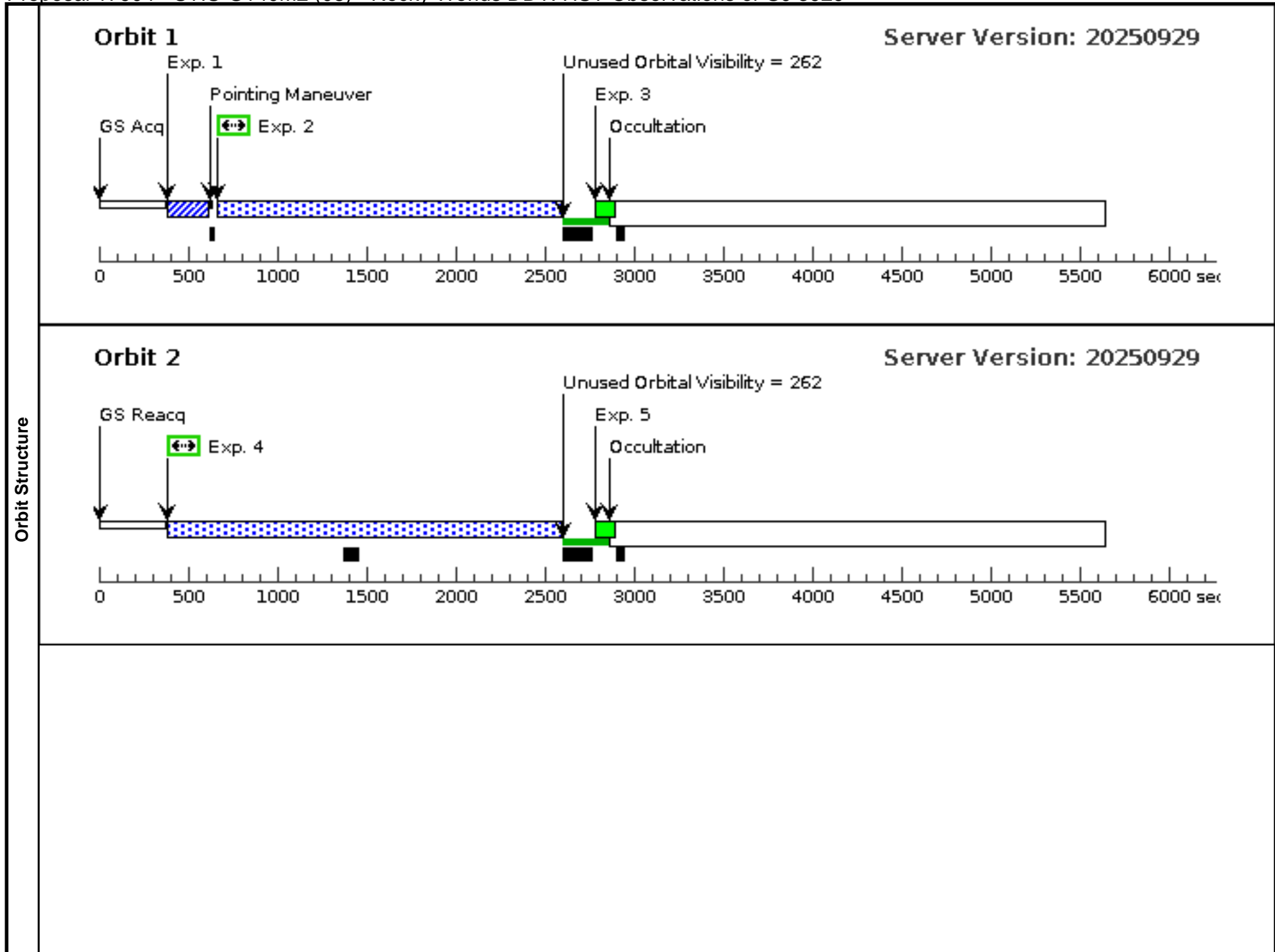


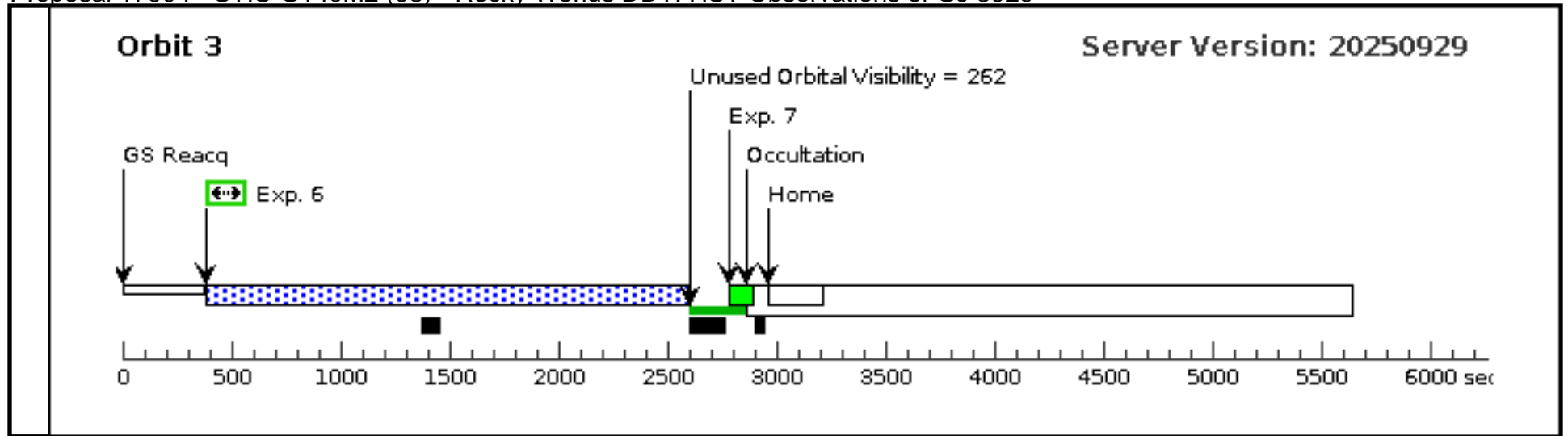


Proposal 17904 - STIS-G140M2 (08) - Rocky Worlds DDT: HST Observations of GJ 3929

Mon Feb 16 17:00:26 GMT 2026

Visit	<b>Proposal 17904, STIS-G140M2 (08), failed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 01-MAY-2025:00:00:00 AND 01-NOV-2025:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	GJ-3929	RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000	Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec	V=12.675+/-0.05	Reference Frame: ICRS			
	<i>Comments: Object has been manually updated with Gaia DR3 coordinates, proper motions, parallax, and epoch</i> Category=STAR Description=[M V-IV] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Lyman alph a ACQ (STIS.ta.198 2407)	(1) GJ-3929	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]
	2	Lyman alph a-b1 (STIS.sp.19 80605)	(1) GJ-3929	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO			1778 Secs (1778 Secs) [==>]	[1]
	3	WAVECAL WAVE		STIS/FUV-MAMA, ACCUM, 52X0.2	G140M 1222 A				[==>]	[1]
	4	Lyman alph a-b2 (STIS.sp.19 80605)	(1) GJ-3929	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO			2196 Secs (2196 Secs) [==>]	[2]
	5	WAVECAL WAVE		STIS/FUV-MAMA, ACCUM, 52X0.2	G140M 1222 A				[==>]	[2]
	6	Lyman alph a-b3 (STIS.sp.19 80605)	(1) GJ-3929	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO			2196 Secs (2196 Secs) [==>]	[3]
	7	WAVECAL WAVE		STIS/FUV-MAMA, ACCUM, 52X0.2	G140M 1222 A				[==>]	[3]

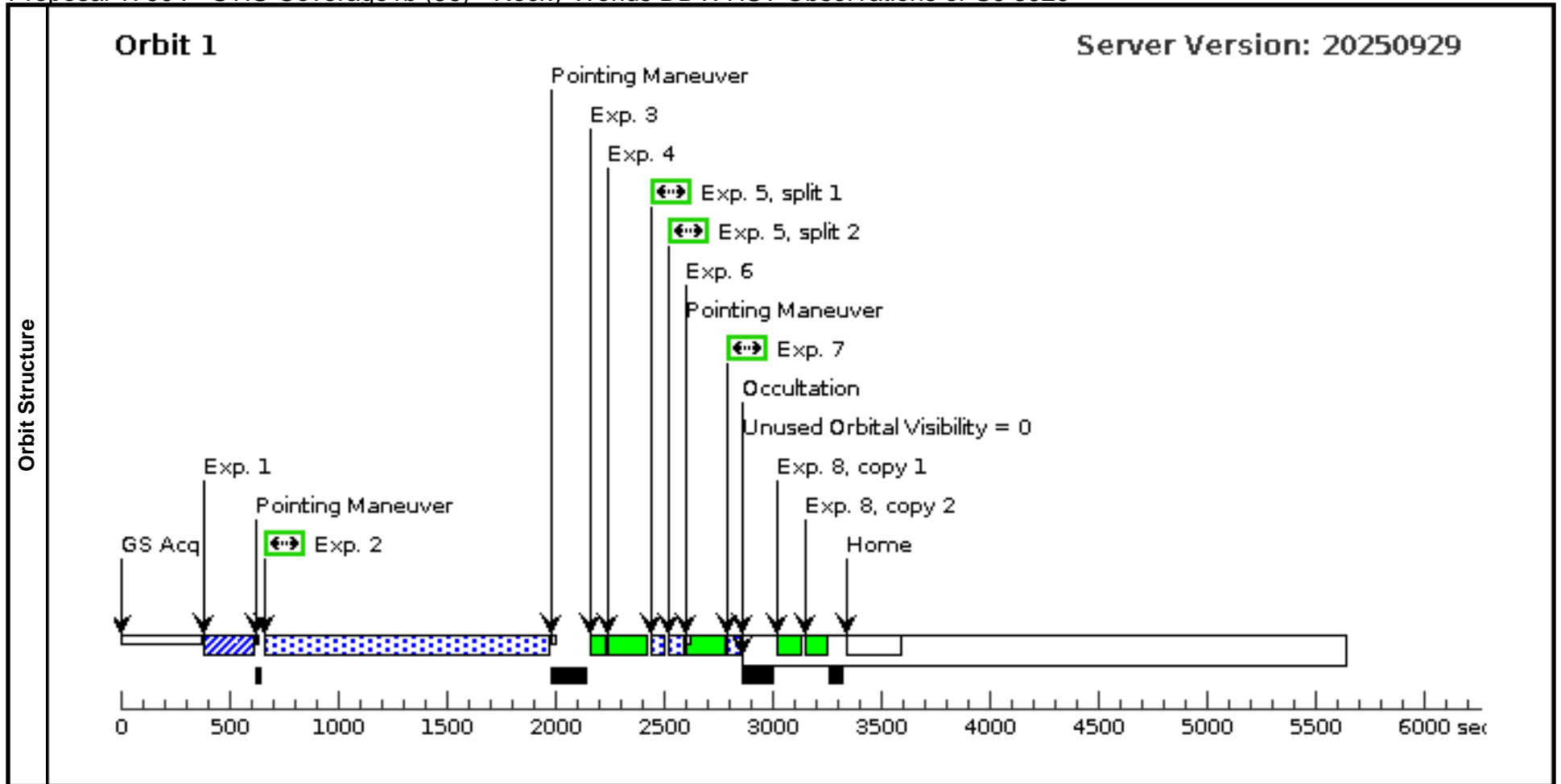




Proposal 17904 - STIS-Coverage1b (56) - Rocky Worlds DDT: HST Observations of GJ 3929

Mon Feb 16 17:00:26 GMT 2026

Visit	<b>Proposal 17904, STIS-Coverage1b (56)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: SCHED 100% <i>Comments: UVVis characterization, HOPR repeat of 2nd orbit of Visit 6</i>																					
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>GJ-3929</td> <td>RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000</td> <td>Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec</td> <td>V=12.675+/-0.05</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: Object has been manually updated with Gaia DR3 coordinates, proper motions, parallax, and epoch</i>                      Category=STAR                      Description=[M V-IV]                      Extended=NO</p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	GJ-3929	RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000	Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec	V=12.675+/-0.05
#		Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																
(1)	GJ-3929	RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000	Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec	V=12.675+/-0.05	Reference Frame: ICRS																	
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit												
	1	Acquisition (1) GJ-3929 (STIS.ta.195 6159)	(1) GJ-3929	STIS/CCD, ACQ, F28X50LP	MIRROR				0.1 Secs (0.1 Secs) [==>]	[1]												
	2	G230L exp2 (1) GJ-3929 (STIS.sp.19 56162)	(1) GJ-3929	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A		BUFFER-TIME=73 8; WAVECAL=NO		1183 Secs (1183 Secs) [==>]	[1]												
	3	WAVECAL WAVE -G230L		STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				[==>]	[1]												
	4	WAVECAL WAVE -G430L		STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				[==>]	[1]												
	5	G430L (1) GJ-3929 (STIS.sp.19 81666)	(1) GJ-3929	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A		CR-SPLIT=2		60 Secs (60 Secs) [==>(Split 1)] [==>(Split 2)]	[1]												
	6	WAVECAL WAVE -G750L		STIS/CCD, ACCUM, 52X0.2	G750L 7751 A				[==>]	[1]												
	7	G750L (1) GJ-3929 (STIS.sp.19 56173)	(1) GJ-3929	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A		CR-SPLIT=NO		20 Secs (20 Secs) [==>]	[1]												
	8	G750L FringeFlat	CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				[==>(Copy 1)] [==>(Copy 2)]	[1]												



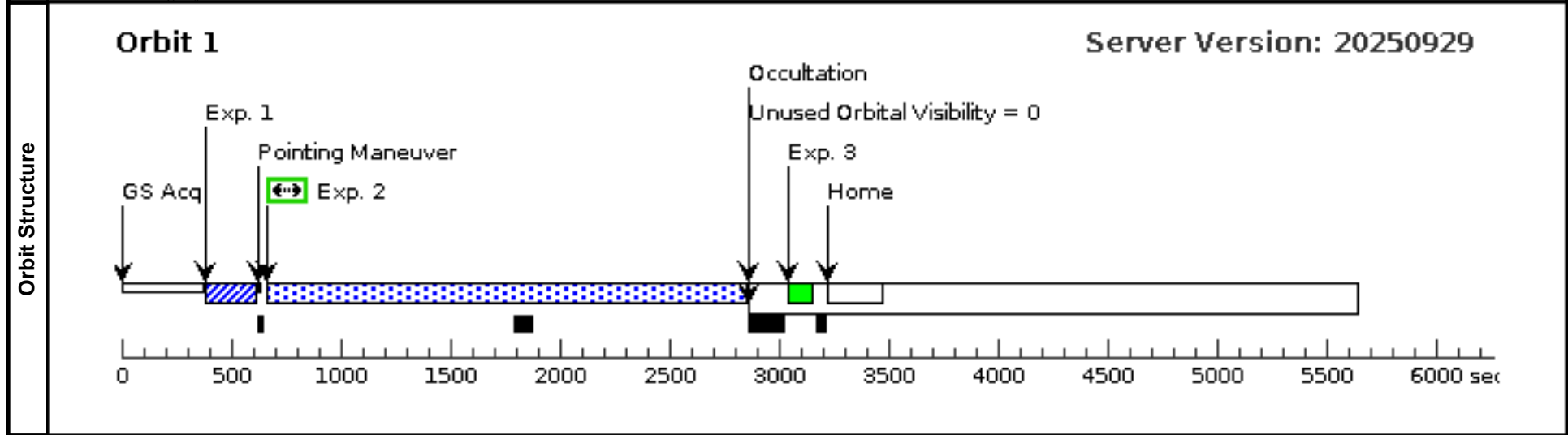
<b>Visit</b>	Proposal 17904, STIS-G140M1 (57), scheduled				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA				
	Special Requirements: SCHED 100%				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	GJ-3929	RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000	Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec	V=12.675+/-0.05	Reference Frame: ICRS

*Comments: Object has been manually updated with Gaia DR3 coordinates, proper motions, parallax, and epoch*  
 Category=STAR  
 Description=[M V-IV]  
 Extended=NO

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Lyman alpha a ACQ (STIS.ta.198 2407)	(1) GJ-3929	STIS/CCD, ACQ, F28X50LP	MIRROR					0.1 Secs (0.1 Secs)	
									[==>]	[1]	
	2	Lyman alpha a-a1 (STIS.sp.19 80605)	(1) GJ-3929	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140M 1222 A	BUFFER-TIME=10 00;				2040 Secs (2040 Secs)	
						WAVECAL=NO			[==>]	[1]	
3	WAVECAL WAVE		STIS/FUV-MAMA, ACCUM, 52X0.2	G140M 1222 A					[==>]	[1]	

*Comments: Using default due to STIS team recommendations*



Proposal 17904 - STIS-G140M1 (58) - Rocky Worlds DDT: HST Observations of GJ 3929

Mon Feb 16 17:00:26 GMT 2026

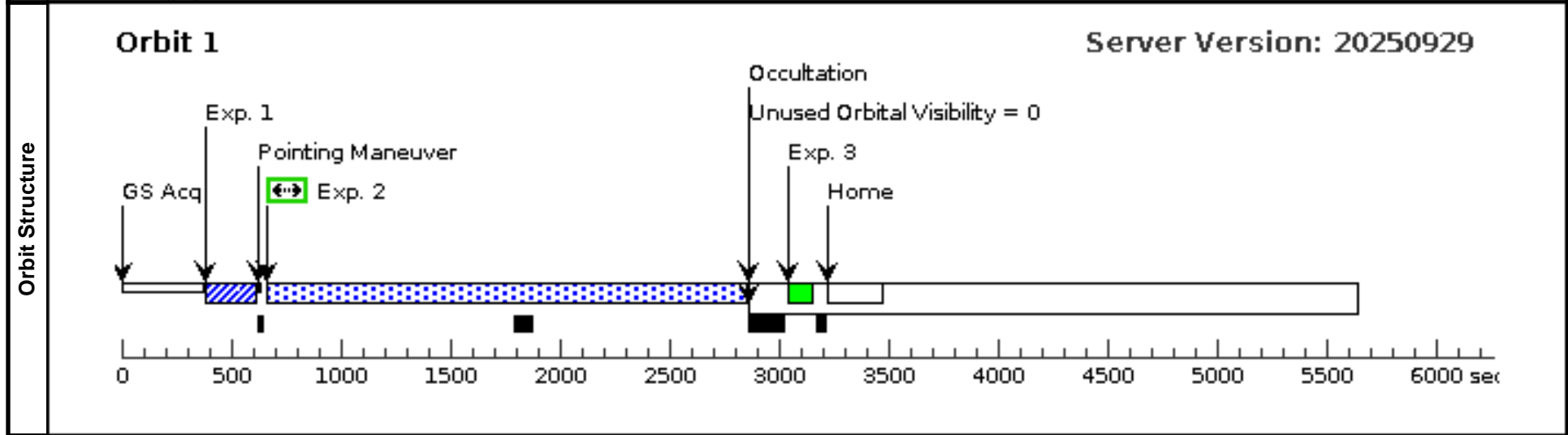
<b>Visit</b>	<b>Proposal 17904, STIS-G140M1 (58), scheduled</b>				
	<b>Diagnostic Status: No Diagnostics</b>				
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA				
	Special Requirements: SCHED 100%				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	GJ-3929	RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000	Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec	V=12.675+/-0.05	Reference Frame: ICRS

*Comments: Object has been manually updated with Gaia DR3 coordinates, proper motions, parallax, and epoch*  
 Category=STAR  
 Description=[M V-IV]  
 Extended=NO

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Lyman alpha a ACQ (STIS.ta.198 2407)	(1) GJ-3929	STIS/CCD, ACQ, F28X50LP	MIRROR					0.1 Secs (0.1 Secs)	
									[==>]	[1]	
	2	Lyman alpha a-b1 (STIS.sp.19 80605)	(1) GJ-3929	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140M 1222 A	BUFFER-TIME=10 00;				2040 Secs (2040 Secs)	
						WAVECAL=NO			[==>]	[1]	
3	WAVECAL WAVE		STIS/FUV-MAMA, ACCUM, 52X0.2	G140M 1222 A					[==>]	[1]	

*Comments: Using default due to STIS team recommendations*



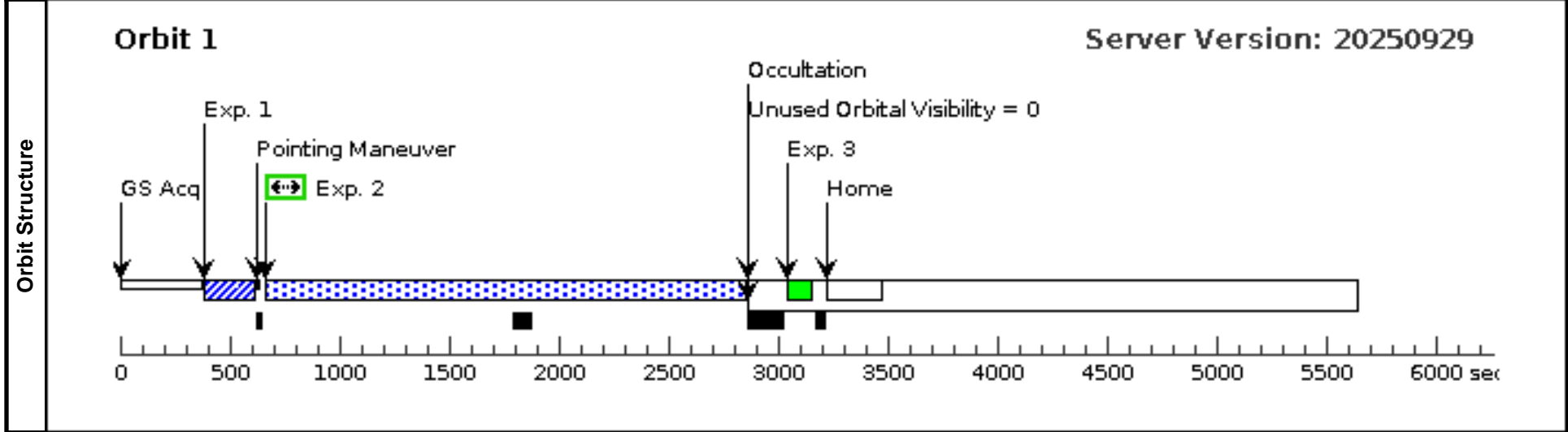
<b>Visit</b>	Proposal 17904, STIS-G140M1 (59), scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA				
	Special Requirements: SCHED 100%				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	GJ-3929	RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000	Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec	V=12.675+/-0.05	Reference Frame: ICRS

*Comments: Object has been manually updated with Gaia DR3 coordinates, proper motions, parallax, and epoch*  
 Category=STAR  
 Description=[M V-IV]  
 Extended=NO

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Lyman alpha a ACQ (STIS.ta.198 2407)	(1) GJ-3929	STIS/CCD, ACQ, F28X50LP	MIRROR					0.1 Secs (0.1 Secs)	
									[==>]	[1]	
	2	Lyman alpha a-c1 (STIS.sp.19 80605)	(1) GJ-3929	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO			2040 Secs (2040 Secs)	[1]	
								[==>]	[1]		
3	WAVECAL WAVE		STIS/FUV-MAMA, ACCUM, 52X0.2	G140M 1222 A				[==>]	[1]		

*Comments: Using default due to STIS team recommendations*



<b>Visit</b>	Proposal 17904, STIS-G140M1 (60), scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/CCD, STIS/FUV-MAMA				
	Special Requirements: SCHED 100%				

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	GJ-3929	RA: 15 58 18.6104 (239.5775433d) Dec: +35 24 29.37 (35.40816d) Equinox: J2000	Proper Motion RA: -143.05937540596338 mas/yr Proper Motion Dec: 318.11994811695337 mas/yr Parallax: 0.06317265565406137" Epoch of Position: 2016.0 Radial Velocity: 10 km/sec	V=12.675+/-0.05	Reference Frame: ICRS

*Comments: Object has been manually updated with Gaia DR3 coordinates, proper motions, parallax, and epoch*  
 Category=STAR  
 Description=[M V-IV]  
 Extended=NO

<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Lyman alpha a ACQ (STIS.ta.198 2407)	(1) GJ-3929	STIS/CCD, ACQ, F28X50LP	MIRROR					0.1 Secs (0.1 Secs)	
									[==>]	[1]	
	2	Lyman alpha a-d1 (STIS.sp.19 80605)	(1) GJ-3929	STIS/FUV-MAMA, TIME-TAG, 52X0.2D1	G140M 1222 A	BUFFER-TIME=10 00; WAVECAL=NO			2040 Secs (2040 Secs)	[1]	
								[==>]	[1]		
3	WAVECAL WAVE		STIS/FUV-MAMA, ACCUM, 52X0.2	G140M 1222 A				[==>]	[1]		

*Comments: Using default due to STIS team recommendations*

