

# COS Cycle 24 Summary of Full Calibration Plan

PID-Title (PI)	External	Internal	Frequency (orbits x repeats)	Cycle 23 Allocation
<b>FUV Monitors</b>				
<b>I4854 –COS FUV Spectroscopic Sensitivity Monitor (De Rosa)</b>	<b>26(11)</b>		3x5 + 1x5 +2x3	<b>23 (10)</b>
<b>I4520-COS FUV Detector Dark Monitor (Fix)</b>		<b>260</b>	5x52	<b>260</b>
<b>I4855 – COS FUV Wavelength Scale Monitor (Sonnentrucker)</b>	<b>3</b>		3x1	<b>3</b>
<b>I4856 - COS FUV Lamp Template at LP3 (Plesha)</b>		<b>15</b>	5x1	--
<b>Pure Parallel Observations of Geocoronal Ly <math>\alpha</math></b>	<b>3<sup>†</sup></b>		See STIS	<b>4<sup>†</sup></b>
<b>I4519-FUV Gain Maps after HV changes (Sahnaw)</b>		<b>5+(3*)</b>	Before and After HV/LP change	<b>4+(2*)</b>
<b>NUV Monitors</b>				
<b>I4857 - COS Target Acquisition Monitor (Penton)</b>	<b>2+(1)</b>		2x1	<b>2+(1)</b>
<b>I4858 – COS NUV Spectroscopic Sensitivity Monitor (Taylor)</b>	<b>6</b>		3x2	<b>4</b>
<b>I4521- COS NUV Detector Dark Monitor (Fix)</b>		<b>52</b>	2 x26	<b>52</b>
<b>I4859 – COS NUV Wavelength Scale Monitor (Sonnentrucker)</b>	<b>2</b>		1x2	<b>2</b>
<b>I4526-NUV MAMA Fold Distribution</b>		<b>1</b>	1x1	<b>1</b>
<b>Contingency programs</b>				
<b>I4522- FUV Detector Recovery After Anomalous Shutdown (Wheeler)</b>		<b>(17)</b>		<b>(17)</b>
<b>I4523-NUV Detector Recovery After Anomalous Shutdown (Wheeler)</b>		<b>(4)</b>		<b>(4)</b>
<b>Total Cycle 24 Orbits</b>	<b>39+(12)+3<sup>†</sup></b>	<b>15+ 318 +(21)+(3*)</b>		<b>Ext: 34+(10)+4<sup>†</sup> Int: 317+(21)+(2*)</b>

(†) Contingency orbits not included in Cycle 24 request - **Red**: Fall orbits approved for Cycle 24 - **Black**: Spring approved orbits