



# 1491 - Grating Wheel Tilt Monitor

Cycle: 1, Proposal Category: CAL/NIRSPEC

## INVESTIGATORS

<i>Name</i>	<i>Institution</i>
<b>Dr. Charles D. Keyes (PI)</b>	<b>Space Telescope Science Institute</b>
Dr. Tracy Beck (CoI)	Space Telescope Science Institute

## OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
observation set 1				
	1		NIRSpec Internal Lamp	NONE
	2		NIRSpec Internal Lamp	NONE
	3		NIRSpec Internal Lamp	NONE
observation set 2				
	4		NIRSpec Internal Lamp	NONE
	5		NIRSpec Internal Lamp	NONE
	6		NIRSpec Internal Lamp	NONE
observation set 3				
	7		NIRSpec Internal Lamp	NONE
	8		NIRSpec Internal Lamp	NONE
	9		NIRSpec Internal Lamp	NONE
observation set 4				
	10		NIRSpec Internal Lamp	NONE
	11		NIRSpec Internal Lamp	NONE
	12		NIRSpec Internal Lamp	NONE
observation set 5				
	13		NIRSpec Internal Lamp	NONE

JWST Proposal 1491 (Created: Monday, April 24, 2023 at 2:00:27 PM Eastern Standard Time) - Overview

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	14		NIRSpec Internal Lamp	NONE
	15		NIRSpec Internal Lamp	NONE
observation set 6				
	16		NIRSpec Internal Lamp	NONE
	17		NIRSpec Internal Lamp	NONE
	18		NIRSpec Internal Lamp	NONE
observation set 7				
	19		NIRSpec Internal Lamp	NONE
	20		NIRSpec Internal Lamp	NONE
	21		NIRSpec Internal Lamp	NONE
observation set 8				
	22		NIRSpec Internal Lamp	NONE
	23		NIRSpec Internal Lamp	NONE
	24		NIRSpec Internal Lamp	NONE
observation set 9				
	25		NIRSpec Internal Lamp	NONE
	26		NIRSpec Internal Lamp	NONE
	27		NIRSpec Internal Lamp	NONE
observation set 10				
	28		NIRSpec Internal Lamp	NONE
	29		NIRSpec Internal Lamp	NONE
	30		NIRSpec Internal Lamp	NONE
observation set 11				
	31		NIRSpec Internal Lamp	NONE
	32		NIRSpec Internal Lamp	NONE
	33		NIRSpec Internal Lamp	NONE
observation set 12				
	34		NIRSpec Internal Lamp	NONE
	35		NIRSpec Internal Lamp	NONE
	36		NIRSpec Internal Lamp	NONE

## **ABSTRACT**

This program executes successive rotations of the GWA (grating wheel assembly), one position at a time, with an internal lamp exposure taken at each position (LINE4 for the PRISM, REF for the gratings). The data will enable monitoring of the calibration of the GWA tilt sensors, which is a critical part of the NIRSpec wavelength calibration. This calibration is part of the NIRSpec instrument model, but the tilt sensors are more likely to change with time than the other internal instrument model components and will be monitored more frequently. The monitor will run approximately once a month to provide data on the GWA tilt behavior and build up statistics for a full tilt calibration if necessary.

This calibration program is provisional and may change in response to system developments and final science program:

As of 15 January only the August observation set and one element (of 3) from the September set have scheduled due primarily to lack of slew parallel opportunities in the various OPs within the specified 1 day execution intervals.

As of 15 January updates are made to attempt to facilitate more scheduling opportunities:

- modify all unexecuted exposures to use FIXEDSLIT as opposed to MSASPEC
- remove all SEQUENCE WITHIN special requirements and replace with GROUP WITH SRs
- increase all GROUP WITHIN intervals to 2 days from 1 day except for late February set which uses 3 days. The intent is to make observations more schedulable.
- re-schedule July, Oct, Nov, Dec, and January sets to execute in the second half of February, March, April, May, and June.
- slight modifications of acceptable observing periods for the two Feb sets of observations due to start dates of first available Feb Op following submission of updated program.

For now, the remaining two unexecuted elements of observations set 3 (obs 8 and 9) have not yet been updated for re-scheduling.

---- end

## **OBSERVING DESCRIPTION**

The exposures taken at each GWA position are very short (1.5-3 minutes); in order to be able to fit observations into slews, we have split an individual rotation set into three observations, each with two or three wheel positions (obs 1: PRISM/LINE4, G395M/REF, G235M/REF; obs 2: G140M/REF, G395H/REF; obs 3: G235H/REF, G140H/REF). We added a timing requirement so that each set of three observations is taken within a 24-hour period (TBC, pending a better understanding of the typical frequency and length of slews).

## TIMING CONSTRAINTS

Timing constraints assume a launch of 25 Dec 2021 and a start for Cycle 1 on 23 Jun 2022.

The cadence should be one epoch per month.

For each epoch, the 3 observations are grouped with the constraint that they be observed within a day of each other.

The first epoch is scheduled to occur sometime in week 2 and 3 of Cycle1. Each epoch then has a between range set 30days later to monitor for changes. This timing is critical to establishing a baseline and data monitor throughout the cycle. (The start of the first epoch and each epoch's between is set to the first 15 days of the month to make counting the days easier.)

The 15-day windows for each epoch are meant to give schedulers some flexibility, while trying to acheive a regular cadence for better monitoring.

In the event of a change in launch date and/or a change in the start of Cycle 1 by more than a few days, the time constraints will most likely need to be adjusted for all observations by that length of time.

Proposal 1491 - Observation 1 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 1</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
<b>Special Requirements</b>	<p>Between Dates 20-MAR-2023:00:00:00 and 31-MAR-2023:00:00:00</p> <p>No Parallel Attachments</p> <p>Parallel slew only</p> <p>Group Observations 1, 2, 3 within 2 Days</p>											

Proposal 1491 - Observation 2 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p>Proposal 1491, Observation 2</p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Group Observations 1, 2, 3 within 2 Days</p>											

Proposal 1491 - Observation 3 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p>Proposal 1491, Observation 3</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments</p> <p>Parallel slew only</p> <p>Group Observations 1, 2, 3 within 2 Days</p>											

Proposal 1491 - Observation 4 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 4</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	MSASPEC	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	MSASPEC	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	MSASPEC	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
<b>Special Requirements</b>	<p>Between Dates 01-AUG-2022:00:00:00 and 15-AUG-2022:00:00:00</p> <p>No Parallel Attachments</p> <p>Parallel slew only</p> <p>Sequence Observations 4, 5, 6 within 1 Days</p>											

Proposal 1491 - Observation 5 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 5</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	MSASPEC	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	MSASPEC	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Sequence Observations 4, 5, 6 within 1 Days</p>											

Proposal 1491 - Observation 6 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 6</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	MSASPEC	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
	2	MSASPEC	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Sequence Observations 4, 5, 6 within 1 Days</p>											

Proposal 1491 - Observation 7 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 7</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	MSASPEC	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	MSASPEC	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	MSASPEC	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
<b>Special Requirements</b>	<p>Between Dates 01-SEP-2022:00:00:00 and 15-SEP-2022:00:00:00</p> <p>No Parallel Attachments</p> <p>Parallel slew only</p> <p>Sequence Observations 7, 8, 9 within 1 Days</p>											

Proposal 1491 - Observation 8 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 8</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	MSASPEC	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	MSASPEC	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Sequence Observations 7, 8, 9 within 1 Days</p>											

Proposal 1491 - Observation 9 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 9</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	MSASPEC	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
	2	MSASPEC	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Sequence Observations 7, 8, 9 within 1 Days</p>											

Proposal 1491 - Observation 10 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 10</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
<b>Special Requirements</b>	<p>Between Dates 15-APR-2023:00:00:00 and 30-APR-2023:00:00:00</p> <p>No Parallel Attachments</p> <p>Parallel slew only</p> <p>Group Observations 10, 11, 12 within 2 Days</p>											

Proposal 1491 - Observation 11 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 11</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Group Observations 10, 11, 12 within 2 Days</p>											

Proposal 1491 - Observation 12 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 12</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Group Observations 10, 11, 12 within 2 Days</p>											

Proposal 1491 - Observation 13 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 13</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
<b>Special Requirements</b>	<p>Between Dates 15-MAY-2023:00:00:00 and 31-MAY-2023:00:00:00</p> <p>No Parallel Attachments</p> <p>Parallel slew only</p> <p>Group Observations 13, 14, 15 within 2 Days</p>											

Proposal 1491 - Observation 14 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 14</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Group Observations 13, 14, 15 within 2 Days</p>											

Proposal 1491 - Observation 15 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 15</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Group Observations 13, 14, 15 within 2 Days</p>											

Proposal 1491 - Observation 16 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 16</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 16:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
<b>Special Requirements</b>	<p>Between Dates 15-JUN-2023:00:00:00 and 30-JUN-2023:00:00:00</p> <p>No Parallel Attachments</p> <p>Parallel slew only</p> <p>Group Observations 16, 17, 18 within 2 Days</p>											

Proposal 1491 - Observation 17 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 17</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 17:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Group Observations 16, 17, 18 within 2 Days</p>											

Proposal 1491 - Observation 18 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 18</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 18:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Group Observations 16, 17, 18 within 2 Days</p>											

Proposal 1491 - Observation 19 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 19</b>  <b>Diagnostic Status: Warning</b>                  Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 19:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
<b>Special Requirements</b>	<p>Between Dates 27-FEB-2023:00:00:00 and 06-MAR-2023:00:00:00                  No Parallel Attachments                  Parallel slew only                   Group Observations 19, 20, 21 within 3 Days</p>											

Proposal 1491 - Observation 20 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 20</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Group Observations 19, 20, 21 within 3 Days</p>											

Proposal 1491 - Observation 21 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 21</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Group Observations 19, 20, 21 within 3 Days</p>											

Proposal 1491 - Observation 22 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p>Proposal 1491, Observation 22</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
<b>Special Requirements</b>	<p>Between Dates 01-FEB-2023:00:00:00 and 20-FEB-2023:00:00:00</p> <p>No Parallel Attachments</p> <p>Parallel slew only</p> <p>Group Observations 22, 23, 24 within 2 Days</p>											

Proposal 1491 - Observation 23 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 23</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Group Observations 22, 23, 24 within 2 Days</p>											

Proposal 1491 - Observation 24 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p>Proposal 1491, Observation 24</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments</p> <p>Parallel slew only</p> <p>Group Observations 22, 23, 24 within 2 Days</p>											

Proposal 1491 - Observation 25 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p>Proposal 1491, Observation 25</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 25:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
<b>Special Requirements</b>	<p>Between Dates 06-MAR-2023:00:00:00 and 20-MAR-2023:00:00:00</p> <p>No Parallel Attachments</p> <p>Parallel slew only</p> <p>Group Observations 25, 26, 27 within 2 Days</p>											

Proposal 1491 - Observation 26 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p>Proposal 1491, Observation 26</p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Group Observations 25, 26, 27 within 2 Days</p>											

Proposal 1491 - Observation 27 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 27</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 27:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Group Observations 25, 26, 27 within 2 Days</p>											

Proposal 1491 - Observation 28 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 28</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 28:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
<b>Special Requirements</b>	<p>Between Dates 01-APR-2023:00:00:00 and 15-APR-2023:00:00:00</p> <p>No Parallel Attachments</p> <p>Parallel slew only</p> <p>Group Observations 28, 29, 30 within 2 Days</p>											

Proposal 1491 - Observation 29 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 29</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 29:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Group Observations 28, 29, 30 within 2 Days</p>											

Proposal 1491 - Observation 30 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 30</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 30:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments Parallel slew only</p> <p>Group Observations 28, 29, 30 within 2 Days</p>											

Proposal 1491 - Observation 31 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p>Proposal 1491, Observation 31</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 31:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
<b>Special Requirements</b>	<p>Between Dates 01-MAY-2023:00:00:00 and 15-MAY-2023:00:00:00</p> <p>No Parallel Attachments</p> <p>Parallel slew only</p>											

Proposal 1491 - Observation 32 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p>Proposal 1491, Observation 32</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 32:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments</p> <p>Parallel slew only</p>											

Proposal 1491 - Observation 33 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p>Proposal 1491, Observation 33</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 33:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>No Parallel Attachments</p> <p>Parallel slew only</p>											

Proposal 1491 - Observation 34 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p>Proposal 1491, Observation 34</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 34:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FIXEDSLIT	FULL	LINE4	ALLCLOSED	PRISM	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395M	NRSIRS2RAPID	5	1	1	87.533	
	3	FIXEDSLIT	FULL	REF	ALLCLOSED	G235M	NRSIRS2RAPID	5	1	1	87.533	
<b>Special Requirements</b>	<p>Between Dates 01-JUN-2023:00:00:00 and 15-JUN-2023:00:00:00</p> <p>No Parallel Attachments</p> <p>Parallel slew only</p> <p>Group Observations 34, 35, 36 within 2 Days</p>											

Proposal 1491 - Observation 35 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 35</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 35:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G140M	NRSIRS2RAPID	5	1	1	87.533	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G395H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>Between Dates 01-JUN-2023:00:00:00 and 15-JUN-2023:00:00:00</p> <p>No Parallel Attachments</p> <p>Parallel slew only</p> <p>Group Observations 34, 35, 36 within 2 Days</p>											

Proposal 1491 - Observation 36 - Grating Wheel Tilt Monitor

Mon Apr 24 19:00:27 GMT 2023

<b>Observation</b>	<p><b>Proposal 1491, Observation 36</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec Internal Lamp</p>											
<b>Diagnostics</b>	<p>(Visit 36:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
<b>Spectral Elements</b>	<b>#</b>	<b>Operating Mode</b>	<b>Subarray</b>	<b>Lamp</b>	<b>MSA Configuration</b>	<b>Grating</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	FIXEDSLIT	FULL	REF	ALLCLOSED	G235H	NRSIRS2RAPID	10	1	1	160.478	
	2	FIXEDSLIT	FULL	REF	ALLCLOSED	G140H	NRSIRS2RAPID	10	1	1	160.478	
<b>Special Requirements</b>	<p>Between Dates 01-JUN-2023:00:00:00 and 15-JUN-2023:00:00:00</p> <p>No Parallel Attachments</p> <p>Parallel slew only</p> <p>Group Observations 34, 35, 36 within 2 Days</p>											