



1490 - MSA Short Detection in Nominal Ops

Cycle: 1, Proposal Category: CAL/NIRSPEC

INVESTIGATORS

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OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
1115 (comm ESD) - for reference purposes only				
	1	GWA run-in	NIRSpec Filter/Grating Wheel Test	NONE
	2	MSA Short Detection	NIRSpec MSA Short Detection	NONE
	3	Diagnostic dark for optical shorts	NIRSpec Internal Lamp	NONE
1174 (comm OSD) - for reference purposes only				
	4	Load All and Activate 195	Realtime Commanding	NONE
	5	Exposures 195	NIRSpec Internal Lamp	NONE
	6	Activate 196	Realtime Commanding	NONE
	7	Exposures 196	NIRSpec Internal Lamp	NONE
	8	Activate 197	Realtime Commanding	NONE
	9	Exposures 197	NIRSpec Internal Lamp	NONE
	10	Activate 198	Realtime Commanding	NONE
	11	Exposures 198	NIRSpec Internal Lamp	NONE
	12	Activate 199	Realtime Commanding	NONE
	13	Exposures 199	NIRSpec Internal Lamp	NONE
	14	Activate 237	Realtime Commanding	NONE
	15	Exposures 237	NIRSpec Internal Lamp	NONE

JWST Proposal 1490 (Created: Thursday, June 1, 2023 at 5:00:41 PM Eastern Standard Time) - Overview

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	16	Activate 211	Realtime Commanding	NONE
Oct-2022-Q2Q3-shorts				
	18	MSA Short Detection	NIRSpec MSA Short Detection	NONE
	19	Diagnostic dark for optical shorts	NIRSpec Internal Lamp	NONE
	20	Post short mask update diagnostic darks	NIRSpec Internal Lamp	NONE
	21	Post short mask update diagnostic darks (slew parallel)	NIRSpec Internal Lamp	NONE
	22	Post short mask update diagnostic darks (slew parallel - CHBK3x3)	NIRSpec Internal Lamp	NONE
	23	Post short mask update diagnostic darks (slew parallel - CHKBD1x1)	NIRSpec Internal Lamp	NONE
Oct-2022-AllQs-shorts				
	24	MSA Short Detection	NIRSpec MSA Short Detection	NONE
	25	Diagnostic dark for optical shorts	NIRSpec Internal Lamp	NONE
Nov-2022-AllQs-shorts				
	26	MSA Short Detection	NIRSpec MSA Short Detection	NONE
	28	Dark for optical verification of correct short(s) masking	NIRSpec Internal Lamp	NONE
	29	Additional Diagnostic exposure with PID2478 MSA config	NIRSpec Internal Lamp	NONE
	30	Additional Diagnostic exposure with PID1810 MSA config	NIRSpec Internal Lamp	NONE
Dec-2022-AllQs-shorts				
	31	MSA Short Detection	NIRSpec MSA Short Detection	NONE
Jan-2023-AllQs-shorts				
	32	MSA Short Detection	NIRSpec MSA Short Detection	NONE

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<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	33	Diagnostic exposures for Q1 short	NIRSpec Internal Lamp	NONE
	34	Diagnostic exposures	NIRSpec Internal Lamp	NONE
	37	Diagnostic exposures	NIRSpec Internal Lamp	NONE
	36	Diagnostic exposures	NIRSpec Internal Lamp	NONE
	35	MSA Short Detection	NIRSpec MSA Short Detection	NONE
Jan-2023-OpticalShortDetection				
	38	Exposures with current RTS 211 mask applied (control)	NIRSpec Internal Lamp	NONE
	39	Load All Test Masks and Activate RTS 195 (first test mask)	Realtime Commanding	NONE
	40	Exposures with RTS 195 Activated (first test mask applied)	NIRSpec Internal Lamp	NONE
	41	Activate RTS 196 (second test mask)	Realtime Commanding	NONE
	42	Exposures with RTS 196 Activated (second test mask applied)	NIRSpec Internal Lamp	NONE
	43	Activate RTS 197 (third test mask)	Realtime Commanding	NONE
	44	Exposures with RTS 197 Activated (third test mask applied)	NIRSpec Internal Lamp	NONE
	45	Activate RTS 198 (fourth test mask)	Realtime Commanding	NONE
	46	Exposures with RTS 198 Activated (fourth test mask applied)	NIRSpec Internal Lamp	NONE
	47	Re-activate RTS 211 (original mask)	Realtime Commanding	NONE
Feb-2023-AllQs-shorts				
	48	MSA Short Detection	NIRSpec MSA Short Detection	NONE
	49	Diagnostic exposures for suspected Q4 short	NIRSpec Internal Lamp	NONE

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
Apr-2023-Q2-short-diagnostic				
	50	Diagnostic exposures for transient Q2 short	NIRSpec Internal Lamp	NONE
Jun-2023-Q4-short				
	51	MSA Short Detection	NIRSpec MSA Short Detection	NONE
	52	Follow-up exposures	NIRSpec Internal Lamp	NONE

ABSTRACT

After a brief run-in of the NIRSpec Grating Wheel Assembly (GWA), a custom shorts detection script is executed to find and locate all the electrical shorts within the Microshutter Assembly (MSA). Upon completion, updated short masks are created. Finally, dark exposures are observed through checkerboard MSA configurations to identify the glow associated with "optical" shorts.

OBSERVING DESCRIPTION

This commissioning procedure consists of three observations:

- 1) A brief run-in of the NIRSpec Grating Wheel Assembly (GWA) to improve the accuracy of subsequent diagnostic exposures.

- 2) Execution of a custom shorts detection script which finds and locates all the electrical shorts within the Microshutter Assembly (MSA). After verifying that the MSA Quadrants are powered, the OSS script will load the most recent short masks (as generated after ground testing) before conducting the short detection and masking as described in the NIRSpec User Manual. The detailed short detection procedure as run during CV3 ground testing is described in JWST-PROC-016346. The electrical shorts are detected via current spikes above a pre-defined threshold (as used in ground testing).

- 3) Once all known electrical shorts are masked, we will obtain diagnostic dark exposures with the MSA configured to two "3x3 checkerboard" and two "1x1 checkerboard" patterns to check for the presence of additional weak shorts that can only be detected by their thermal emission (so-called 'optical' shorts). After completion of this activity, we will be able to decide how to proceed with the locating and masking of optical shorts (CAR NIRSpec-043).

TIMING CONSRTRAINTS

JWST Proposal 1490 (Created: Thursday, June 1, 2023 at 5:00:41 PM Eastern Standard Time) - Overview

This program does not have timing constraints, it is run in response to anomolous telemetry and therefore all observations currently have the SR ON HOLD.

Proposal 1490 - Observation 1 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 1: GWA run-in</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSspec Filter/Grating Wheel Test</p> <p><i>Comments: Total number of rotations TBC</i></p>								
Diagnostics	<p>(Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>								
Template	<table border="1"> <thead> <tr> <th>Wheel Test Type</th> <th>Wheel Direction</th> <th>Mechanism</th> <th>Number of Rotations</th> </tr> </thead> <tbody> <tr> <td>RUNIN</td> <td>BOTH</td> <td>GRATING</td> <td>3</td> </tr> </tbody> </table>	Wheel Test Type	Wheel Direction	Mechanism	Number of Rotations	RUNIN	BOTH	GRATING	3
Wheel Test Type	Wheel Direction	Mechanism	Number of Rotations						
RUNIN	BOTH	GRATING	3						
Special Requirements	<p>No Parallel Attachments</p> <p>On Hold only run in response to anomolous telemetry</p> <p>2 After 1</p>								

Proposal 1490 - Observation 2 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 2: MSA Short Detection</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSspec MSA Short Detection</p> <p><i>Comments: Threshold currents are based on final CV3 values. The execution time of this observations is variable, depending on the number (and location) of electrical shorts, but will almost certainly be longer than 45s. (We will have a better idea of the per-short run-time of the new OSS scripts after OTIS)</i></p>			
Diagnostics	<p>(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>			
Template	Error Response	Region Check		
	PROCEED	STANDARD		
Quadrant List	#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)
	1	Quadrant 1	0.47	0.62
	2	Quadrant 2	0.88	0.78
	3	Quadrant 3	0.47	0.5
	4	Quadrant 4	-1.52	0.8
Special Requirements	<p>No Parallel Attachments On Hold only run in response to anomolous telemetry Special Commanding MSA Short Detection</p> <p>2 After 1 3 After 2</p>			

Proposal 1490 - Observation 3 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 3: Diagnostic dark for optical shorts</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p> <p><i>Comments: Now using the same CHKBD3x3-1 and CHKBD3x3-3 patterns we have settled upon for the optical short detection CAR, as well as the 1x1. Also changed from NRSIRS2-> NSRIRS2RAPID, as this is the readout we used successfully at OTIS</i></p>											
Diagnostics	<p>(Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	3	IMAGE	FULL	NONE	CHKBD1x1-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	4	IMAGE	FULL	NONE	CHKBD1x1-2	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>On Hold only run in response to anomolous telemetry</p> <p>3 After 2</p>											

Proposal 1490 - Observation 4 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 4: Load All and Activate 195</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: Realtime Commanding</p> <p><i>Comments: Commanding:</i></p> <ul style="list-style-type: none"> - load and enable all RTS test masks - activate test mask in RTS195 <pre>CECIL> start ifsw_ft_rts_load("FILE0=rts195.scp,FILE1=rts196.scp,FILE2=rts197.scp,FILE3=rts198.scp,FILE4=rts199.scp,FILE5=rts237.scp","RTS0=195,RTS1=0196,RTS2=197,RTS3=198,RTS4=199,RTS5=237", "CRC0=tbs,CRC1=tbs,CRC2=tbs,CRC3=tbs,CRC4=tbs,CRC5=tbs") CECIL> start ifsw_ft_rts_ctrl("RTS0=195,RTS1=196,RTS2=197,RTS3=198,RTS4=199,RTS5=237","ACTION=ENABLE") CECIL> start ifsw_ft_rts_ctrl("RTS0=195","ACTION=START")</pre>					
Diagnostics	(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.					
Template	Realtime Duration (Seconds)	Handoff Window Duration (Seconds)	Initial Setup Duration (Seconds)	Cleanup Duration (Seconds)	Aperture	Science Instrument
	2000	900	0	0		NIRSPEC
Spectral Elements	#					
	1					
Special Requirements	<p>PCS Mode NONE</p> <p>No Parallel Attachments</p> <p>Realtime</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Required</p> <p>Special Commanding Realtime Commanding</p>					

Proposal 1490 - Observation 5 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 5: Exposures 195</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Special Commanding Special Commanding Approval will indicate confirmation that the MCE resolver conversion, tri-state, zero-potential masks and the predefined MSA configuration (alopen/allclosed) files needed for this visit will be in the ISIM file store before it begins.</p>											

Proposal 1490 - Observation 6 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 6: Activate 196</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: Realtime Commanding</p> <p><i>Comments: Commanding:</i> - activate test mask in RTS196</p> <p><i>CECIL> start ifsw flt rts ctrl("RTS0=196","ACTION=START")</i></p>					
Diagnostics	(Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.					
Template	Realtime Duration (Seconds)	Handoff Window Duration (Seconds)	Initial Setup Duration (Seconds)	Cleanup Duration (Seconds)	Aperture	Science Instrument
	1000	900	0	0		NIRSPEC
Spectral Elements	#					
	1					
Special Requirements	<p>PCS Mode NONE</p> <p>No Parallel Attachments</p> <p>Realtime</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Required</p> <p>Special Commanding Realtime Commanding</p>					

Proposal 1490 - Observation 7 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 7: Exposures 196</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Special Commanding Special Commanding Approval will indicate confirmation that the MCE resolver conversion, tri-state, zero-potential masks and the predefined MSA configuration (alopen/allclosed) files needed for this visit will be in the ISIM file store before it begins.</p>											

Proposal 1490 - Observation 8 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 8: Activate 197</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: Realtime Commanding</p> <p><i>Comments: Commanding:</i></p> <p>- activate test mask in RTS197</p> <p><i>CECIL> start ifsw flt rts ctrl("RTS0=197","ACTION=START")</i></p>					
Diagnostics	(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.					
Template	Realtime Duration (Seconds)	Handoff Window Duration (Seconds)	Initial Setup Duration (Seconds)	Cleanup Duration (Seconds)	Aperture	Science Instrument
	1000	900	0	0		NIRSPEC
Spectral Elements	#					
	1					
Special Requirements	<p>PCS Mode NONE</p> <p>No Parallel Attachments</p> <p>Realtime</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Required</p> <p>Special Commanding Realtime Commanding</p>					

Proposal 1490 - Observation 9 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 9: Exposures 197</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Special Commanding Special Commanding Approval will indicate confirmation that the MCE resolver conversion, tri-state, zero-potential masks and the predefined MSA configuration (alopen/allclosed) files needed for this visit will be in the ISIM file store before it begins.</p>											

Proposal 1490 - Observation 10 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 10: Activate 198</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: Realtime Commanding</p> <p><i>Comments: Commanding:</i> - activate test mask in RTS198</p> <p><i>CECIL> start ifsw flt rts ctrl("RTS0=198","ACTION=START")</i></p>					
Diagnostics	(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.					
Template	Realtime Duration (Seconds)	Handoff Window Duration (Seconds)	Initial Setup Duration (Seconds)	Cleanup Duration (Seconds)	Aperture	Science Instrument
	1000	900	0	0		NIRSPEC
Spectral Elements	#					
	1					
Special Requirements	<p>PCS Mode NONE</p> <p>No Parallel Attachments</p> <p>Realtime</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Required</p> <p>Special Commanding Realtime Commanding</p>					

Proposal 1490 - Observation 11 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 11: Exposures 198</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Special Commanding Special Commanding Approval will indicate confirmation that the MCE resolver conversion, tri-state, zero-potential masks and the predefined MSA configuration (alopen/allclosed) files needed for this visit will be in the ISIM file store before it begins.</p>											

Proposal 1490 - Observation 12 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 12: Activate 199</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: Realtime Commanding</p> <p><i>Comments: Commanding:</i> - activate test mask in RTS199</p> <p><i>CECIL> start ifsw flt rts ctrl("RTS0=199","ACTION=START")</i></p>					
Diagnostics	(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.					
Template	Realtime Duration (Seconds)	Handoff Window Duration (Seconds)	Initial Setup Duration (Seconds)	Cleanup Duration (Seconds)	Aperture	Science Instrument
	1000	900	0	0		NIRSPEC
Spectral Elements	#					
	1					
Special Requirements	<p>PCS Mode NONE</p> <p>No Parallel Attachments</p> <p>Realtime</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Required</p> <p>Special Commanding Realtime Commanding</p>					

Proposal 1490 - Observation 13 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 13: Exposures 199</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Special Commanding Special Commanding Approval will indicate confirmation that the MCE resolver conversion, tri-state, zero-potential masks and the predefined MSA configuration (alopen/allclosed) files needed for this visit will be in the ISIM file store before it begins.</p>											

Proposal 1490 - Observation 14 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 14: Activate 237</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: Realtime Commanding</p> <p><i>Comments: Commanding:</i> - activate test mask in RTS237</p> <p><i>CECIL> start ifsw flt rts ctrl("RTS0=237","ACTION=START")</i></p>					
Diagnostics	(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.					
Template	Realtime Duration (Seconds)	Handoff Window Duration (Seconds)	Initial Setup Duration (Seconds)	Cleanup Duration (Seconds)	Aperture	Science Instrument
	1000	900	0	0		NIRSPEC
Spectral Elements	#					
	1					
Special Requirements	<p>PCS Mode NONE</p> <p>No Parallel Attachments</p> <p>Realtime</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Required</p> <p>Special Commanding Realtime Commanding</p>					

Proposal 1490 - Observation 15 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 15: Exposures 237</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Special Commanding Special Commanding Approval will indicate confirmation that the MCE resolver conversion, tri-state, zero-potential masks and the predefined MSA configuration (alopen/allclosed) files needed for this visit will be in the ISIM file store before it begins.</p>											

Proposal 1490 - Observation 16 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 16: Activate 211</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: Realtime Commanding</p> <p><i>Comments: Commanding:</i> <i>- reactivate original ZPM mask in RTS211</i></p> <p><i>CECIL> start ifsw flt rts ctrl("RTS0=211","ACTION=START")</i></p>					
Diagnostics	(Visit 16:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.					
Template	Realtime Duration (Seconds)	Handoff Window Duration (Seconds)	Initial Setup Duration (Seconds)	Cleanup Duration (Seconds)	Aperture	Science Instrument
	1000	900	0	0		NIRSPEC
Spectral Elements	#					
	1					
Special Requirements	<p>PCS Mode NONE</p> <p>No Parallel Attachments</p> <p>Realtime</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Required</p> <p>Special Commanding Realtime Commanding</p>					

Proposal 1490 - Observation 18 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 18: MSA Short Detection</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec MSA Short Detection</p> <p><i>Comments: Threshold currents are based on final CV3 values. The execution time of this observations is variable, depending on the number (and location) of electrical shorts, but will almost certainly be longer than 45s. (We will have a better idea of the per-short run-time of the new OSS scripts after OTIS)</i></p>			
Diagnostics	<p>(Visit 18:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>			
Template	Error Response	Region Check		
	PROCEED	STANDARD		
Quadrant List	#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)
	1	Quadrant 2	0.86	0.885
	2	Quadrant 3	0.55	0.55
Special Requirements	<p>No Parallel Attachments Special Commanding MSA Short Detection</p> <p>19 After 18</p>			

Proposal 1490 - Observation 19 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 19: Diagnostic dark for optical shorts</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p> <p><i>Comments: Now using the same CHKBD3x3-1 and CHKBD3x3-3 patterns we have settled upon for the optical short detection CAR, as well as the 1x1. Also changed from NRSIRS2-> NSRIRS2RAPID, as this is the readout we used successfully at OTIS</i></p>											
Diagnostics	(Visit 19:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	3	IMAGE	FULL	NONE	CHKBD1x1-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	4	IMAGE	FULL	NONE	CHKBD1x1-2	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>19 After 18</p>											

Proposal 1490 - Observation 20 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 20: Post short mask update diagnostic darks</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p> <p><i>Comments: Now using the same CHKBD3x3-1 and CHKBD3x3-3 patterns we have settled upon for the optical short detection CAR, as well as the 1x1. Also changed from NRSIRS2-> NSRIRS2RAPID, as this is the readout we used successfully at OTIS</i></p>											
Diagnostics	(Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	3	IMAGE	FULL	NONE	CHKBD1x1-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	4	IMAGE	FULL	NONE	CHKBD1x1-2	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	No Parallel Attachments											

Proposal 1490 - Observation 21 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 21: Post short mask update diagnostic darks (slew parallel)</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p> <p><i>Comments: Now using the same CHKBD3x3-1 and CHKBD3x3-3 patterns we have settled upon for the optical short detection CAR, as well as the 1x1. Also changed from NRSIRS2-> NSRIRS2RAPID, as this is the readout we used successfully at OTIS</i></p>											
Diagnostics	(Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	3	IMAGE	FULL	NONE	CHKBD1x1-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	4	IMAGE	FULL	NONE	CHKBD1x1-2	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>Parallel slew only</p>											

Proposal 1490 - Observation 22 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 22: Post short mask update diagnostic darks (slew parallel - CHBK3x3)</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p> <p><i>Comments: Now using the same CHKBD3x3-1 and CHKBD3x3-3 patterns we have settled upon for the optical short detection CAR, as well as the 1x1. Also changed from NRSIRS2-> NSRIRS2RAPID, as this is the readout we used successfully at OTIS</i></p>											
Diagnostics	(Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>Parallel slew only</p>											

Proposal 1490 - Observation 23 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 23: Post short mask update diagnostic darks (slew parallel - CHKBD1x1)</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p> <p><i>Comments: Now using the same CHKBD3x3-1 and CHKBD3x3-3 patterns we have settled upon for the optical short detection CAR, as well as the 1x1. Also changed from NRSIRS2-> NSRIRS2RAPID, as this is the readout we used successfully at OTIS</i></p>											
Diagnostics	(Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD1x1-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD1x1-2	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>Parallel slew only</p>											

Proposal 1490 - Observation 24 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 24: MSA Short Detection</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSspec MSA Short Detection</p> <p><i>Comments: Threshold currents are based on final CV3 values. The execution time of this observations is variable, depending on the number (and location) of electrical shorts, but will almost certainly be longer than 45s. (We will have a better idea of the per-short run-time of the new OSS scripts after OTIS)</i></p>			
Diagnostics	<p>(Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>			
Template	Error Response	Region Check		
	PROCEED	STANDARD		
Quadrant List	#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)
	1	Quadrant 2	0.86	0.885
	2	Quadrant 3	0.55	0.55
	3	Quadrant 1	0.6	0.62
	4	Quadrant 4	1.52	0.8
Special Requirements	<p>No Parallel Attachments Special Commanding MSA Short Detection</p>			

Proposal 1490 - Observation 25 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 25: Diagnostic dark for optical shorts</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p> <p><i>Comments: Now using the same CHKBD3x3-1 and CHKBD3x3-3 patterns we have settled upon for the optical short detection CAR, as well as the 1x1. Also changed from NRSIRS2-> NSRIRS2RAPID, as this is the readout we used successfully at OTIS</i></p>											
Diagnostics	(Visit 25:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	ALLOPEN	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	No Parallel Attachments											

Proposal 1490 - Observation 26 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 26: MSA Short Detection Diagnostic Status: Warning Observing Template: NIRSpec MSA Short Detection</p>																						
Diagnostics	<p>(Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																						
Template	<p>Error Response PROCEED</p>	<p>Region Check STANDARD</p>																					
Quadrant List	<table border="1"> <thead> <tr> <th>#</th> <th>Quadrant</th> <th>Threshold 171 Side (mA)</th> <th>Threshold 365 Side (mA)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Quadrant 4</td> <td>1.52</td> <td>0.8</td> </tr> <tr> <td>2</td> <td>Quadrant 3</td> <td>0.55</td> <td>0.55</td> </tr> <tr> <td>3</td> <td>Quadrant 2</td> <td>0.86</td> <td>0.885</td> </tr> <tr> <td>4</td> <td>Quadrant 1</td> <td>0.6</td> <td>0.62</td> </tr> </tbody> </table>	#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)	1	Quadrant 4	1.52	0.8	2	Quadrant 3	0.55	0.55	3	Quadrant 2	0.86	0.885	4	Quadrant 1	0.6	0.62		
#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)																				
1	Quadrant 4	1.52	0.8																				
2	Quadrant 3	0.55	0.55																				
3	Quadrant 2	0.86	0.885																				
4	Quadrant 1	0.6	0.62																				
Special Requirements	<p>No Parallel Attachments Special Commanding MSA Short Detection</p>																						

Proposal 1490 - Observation 28 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 28: Dark for optical verification of correct short(s) masking</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 28:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPI D	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPI D	5	1	1	87.533	
	3	IMAGE	FULL	NONE	CHKBD1x1-1	MIRROR	NRSIRS2RAPI D	5	1	1	87.533	
	4	IMAGE	FULL	NONE	CHKBD1x1-2	MIRROR	NRSIRS2RAPI D	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p>											

Proposal 1490 - Observation 29 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 29: Additional Diagnostic exposure with PID2478 MSA config</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSspec Internal Lamp</p>											
Diagnostics	<p>(Visit 29:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	MSASPEC	FULL	NONE	PID2478_MSA_config	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>Parallel slew only</p>											

Proposal 1490 - Observation 30 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 30: Additional Diagnostic exposure with PID1810 MSA config</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 30:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	MSASPEC	FULL	NONE	PID1810_MSA_config	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>Parallel slew only</p>											

Proposal 1490 - Observation 31 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 31: MSA Short Detection Diagnostic Status: Warning Observing Template: NIRSspec MSA Short Detection</p>																						
Diagnostics	<p>(Visit 31:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																						
Template	<p>Error Response PROCEED</p>	<p>Region Check STANDARD</p>																					
Quadrant List	<table border="1"> <thead> <tr> <th>#</th> <th>Quadrant</th> <th>Threshold 171 Side (mA)</th> <th>Threshold 365 Side (mA)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Quadrant 4</td> <td>1.52</td> <td>0.8</td> </tr> <tr> <td>2</td> <td>Quadrant 3</td> <td>0.55</td> <td>0.55</td> </tr> <tr> <td>3</td> <td>Quadrant 2</td> <td>0.86</td> <td>0.885</td> </tr> <tr> <td>4</td> <td>Quadrant 1</td> <td>0.6</td> <td>0.62</td> </tr> </tbody> </table>	#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)	1	Quadrant 4	1.52	0.8	2	Quadrant 3	0.55	0.55	3	Quadrant 2	0.86	0.885	4	Quadrant 1	0.6	0.62		
#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)																				
1	Quadrant 4	1.52	0.8																				
2	Quadrant 3	0.55	0.55																				
3	Quadrant 2	0.86	0.885																				
4	Quadrant 1	0.6	0.62																				
Special Requirements	<p>No Parallel Attachments Special Commanding MSA Short Detection</p>																						

Proposal 1490 - Observation 32 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 32: MSA Short Detection Diagnostic Status: Warning Observing Template: NIRSspec MSA Short Detection</p>																						
Diagnostics	<p>(Visit 32:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																						
Template	<p>Error Response PROCEED</p>	<p>Region Check STANDARD</p>																					
Quadrant List	<table border="1"> <thead> <tr> <th>#</th> <th>Quadrant</th> <th>Threshold 171 Side (mA)</th> <th>Threshold 365 Side (mA)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Quadrant 4</td> <td>1.52</td> <td>0.8</td> </tr> <tr> <td>2</td> <td>Quadrant 3</td> <td>0.55</td> <td>0.55</td> </tr> <tr> <td>3</td> <td>Quadrant 2</td> <td>0.86</td> <td>0.885</td> </tr> <tr> <td>4</td> <td>Quadrant 1</td> <td>0.6</td> <td>0.62</td> </tr> </tbody> </table>	#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)	1	Quadrant 4	1.52	0.8	2	Quadrant 3	0.55	0.55	3	Quadrant 2	0.86	0.885	4	Quadrant 1	0.6	0.62		
#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)																				
1	Quadrant 4	1.52	0.8																				
2	Quadrant 3	0.55	0.55																				
3	Quadrant 2	0.86	0.885																				
4	Quadrant 1	0.6	0.62																				
Special Requirements	<p>No Parallel Attachments Special Commanding MSA Short Detection</p>																						

Proposal 1490 - Observation 33 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 33: Diagnostic exposures for Q1 short</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 33:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	3	IMAGE	FULL	NONE	CHKBD1x1-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	4	IMAGE	FULL	NONE	CHKBD1x1-2	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	5	MSASPEC	FULL	NONE	PID1345_Obs_7_0_config	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	6	MSASPEC	FULL	NONE	PID1345_Obs_7_2_config	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	7	MSASPEC	FULL	NONE	PID2565_Obs_1_config	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p>											

Proposal 1490 - Observation 34 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 34: Diagnostic exposures</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 34:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	TEST	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	TEST	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	3	IMAGE	FULL	TEST	CHKBD1x1-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	4	IMAGE	FULL	TEST	CHKBD1x1-2	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p>											

Proposal 1490 - Observation 37 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 37: Diagnostic exposures</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 37:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	TEST	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	TEST	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	3	IMAGE	FULL	TEST	CHKBD1x1-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	4	IMAGE	FULL	TEST	CHKBD1x1-2	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p>											

Proposal 1490 - Observation 36 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 36: Diagnostic exposures</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 36:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	q1c108r171	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	3	IMAGE	FULL	NONE	q1c108r171+q1c108r172	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p>											

Proposal 1490 - Observation 35 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 35: MSA Short Detection Diagnostic Status: Warning Observing Template: NIRSspec MSA Short Detection</p>																						
Diagnostics	<p>(Visit 35:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																						
Template	<p>Error Response PROCEED</p>	<p>Region Check STANDARD</p>																					
Quadrant List	<table border="1"> <thead> <tr> <th>#</th> <th>Quadrant</th> <th>Threshold 171 Side (mA)</th> <th>Threshold 365 Side (mA)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Quadrant 4</td> <td>1.52</td> <td>0.8</td> </tr> <tr> <td>2</td> <td>Quadrant 3</td> <td>0.55</td> <td>0.55</td> </tr> <tr> <td>3</td> <td>Quadrant 2</td> <td>0.86</td> <td>0.885</td> </tr> <tr> <td>4</td> <td>Quadrant 1</td> <td>0.6</td> <td>0.62</td> </tr> </tbody> </table>	#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)	1	Quadrant 4	1.52	0.8	2	Quadrant 3	0.55	0.55	3	Quadrant 2	0.86	0.885	4	Quadrant 1	0.6	0.62		
#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)																				
1	Quadrant 4	1.52	0.8																				
2	Quadrant 3	0.55	0.55																				
3	Quadrant 2	0.86	0.885																				
4	Quadrant 1	0.6	0.62																				
Special Requirements	<p>No Parallel Attachments Special Commanding MSA Short Detection</p>																						

Proposal 1490 - Observation 38 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 38: Exposures with current RTS 211 mask applied (control)</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 38:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>After Date 26-JAN-2023:20:05:00</p> <p>No Parallel Attachments</p> <p>Realtime</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Required</p> <p>Special Commanding Special Commanding Approval will indicate confirmation that the MCE resolver conversion, tri-state, zero-potential masks and the predefined MSA configuration (allopen/allclosed) files needed for this visit will be in the ISIM file store before it begins.</p>											

Proposal 1490 - Observation 39 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 39: Load All Test Masks and Activate RTS 195 (first test mask)</p> <p>Diagnostic Status: Error</p> <p>Observing Template: Realtime Commanding</p> <p><i>Comments: Commanding:</i></p> <ul style="list-style-type: none"> - load and enable all RTS test masks (rts195, rts196, rts197, and rts198) - activate test mask in RT S195 <pre>CECIL> start ifsw_flt_rts_load("FILE0=rts195.scp,FILE1=rts196.scp,FILE2=rts197.scp,FILE3=rts198.scp","RTS0=195,RTS1=0196,RTS2=197,RTS3=198", "CRC0=tbs,CRC1=tbs,CRC2=tbs,CRC3=tbs") CECIL> start ifsw_flt_rts_ctrl("RTS0=195,RTS1=196,RTS2=197,RTS3=198","ACTION=ENABLE") CECIL> start ifsw_flt_rts_ctrl("RTS0=195","ACTION=START")</pre>					
Diagnostics	<p>(Load All Test Masks and Activate RTS 195 (first test mask) (Obs 39)) Error (Form): The Special Requirement REQUIRED must be used with this Observation.</p> <p>(Visit 39:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>					
Template	Realtime Duration (Seconds)	Handoff Window Duration (Seconds)	Initial Setup Duration (Seconds)	Cleanup Duration (Seconds)	Aperture	Science Instrument
	1000	900	0	0		NIRSPEC
Spectral Elements	<p>#</p> <p>1</p>					
Special Requirements	<p>PCS Mode NONE</p> <p>No Parallel Attachments</p> <p>Realtime</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Special Commanding Realtime Commanding</p>					

Proposal 1490 - Observation 40 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 40: Exposures with RTS 195 Activated (first test mask applied)</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 40:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Special Commanding Special Commanding Approval will indicate confirmation that the MCE resolver conversion, tri-state, zero-potential masks and the predefined MSA configuration (alopen/allclosed) files needed for this visit will be in the ISIM file store before it begins.</p>											

Proposal 1490 - Observation 41 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 41: Activate RTS 196 (second test mask)</p> <p>Diagnostic Status: Error</p> <p>Observing Template: Realtime Commanding</p> <p><i>Comments: Commanding:</i> - activate test mask in RTS 196</p> <p><i>CECIL> start ifsw flt rts ctrl("RTS0=196","ACTION=START")</i></p>					
Diagnostics	<p>(Activate RTS 196 (second test mask) (Obs 41)) Error (Form): The Special Requirement REQUIRED must be used with this Observation.</p> <p>(Visit 41:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>					
Template	Realtime Duration (Seconds)	Handoff Window Duration (Seconds)	Initial Setup Duration (Seconds)	Cleanup Duration (Seconds)	Aperture	Science Instrument
	1000	900	0	0		NIRSPEC
Spectral Elements	<p>#</p> <p>1</p>					
Special Requirements	<p>PCS Mode NONE</p> <p>No Parallel Attachments</p> <p>Realtime</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Special Commanding Realtime Commanding</p>					

Proposal 1490 - Observation 42 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 42: Exposures with RTS 196 Activated (second test mask applied)</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 42:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Special Commanding Special Commanding Approval will indicate confirmation that the MCE resolver conversion, tri-state, zero-potential masks and the predefined MSA configuration (alopen/allclosed) files needed for this visit will be in the ISIM file store before it begins.</p>											

Proposal 1490 - Observation 43 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 43: Activate RTS 197 (third test mask)</p> <p>Diagnostic Status: Error</p> <p>Observing Template: Realtime Commanding</p> <p><i>Comments: Commanding:</i> - activate test mask in RTS 197</p> <p><i>CECIL> start ifsw flt rts ctrl("RTS0=197","ACTION=START")</i></p>					
Diagnostics	<p>(Activate RTS 197 (third test mask) (Obs 43)) Error (Form): The Special Requirement REQUIRED must be used with this Observation.</p> <p>(Visit 43:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>					
Template	Realtime Duration (Seconds)	Handoff Window Duration (Seconds)	Initial Setup Duration (Seconds)	Cleanup Duration (Seconds)	Aperture	Science Instrument
	1000	900	0	0		NIRSPEC
Spectral Elements	<p>#</p> <p>1</p>					
Special Requirements	<p>PCS Mode NONE No Parallel Attachments Realtime On Hold only run in response to anomolous telemetry Special Commanding Realtime Commanding</p>					

Proposal 1490 - Observation 44 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 44: Exposures with RTS 197 Activated (third test mask applied)</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 44:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Special Commanding Special Commanding Approval will indicate confirmation that the MCE resolver conversion, tri-state, zero-potential masks and the predefined MSA configuration (alopen/allclosed) files needed for this visit will be in the ISIM file store before it begins.</p>											

Proposal 1490 - Observation 45 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 45: Activate RTS 198 (fourth test mask)</p> <p>Diagnostic Status: Error</p> <p>Observing Template: Realtime Commanding</p> <p><i>Comments: Commanding:</i> - activate test mask in RTS 198</p> <p><i>CECIL> start ifsw flt rts ctrl("RTS0=198","ACTION=START")</i></p>					
Diagnostics	<p>(Activate RTS 198 (fourth test mask) (Obs 45)) Error (Form): The Special Requirement REQUIRED must be used with this Observation.</p> <p>(Visit 45:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>					
Template	Realtime Duration (Seconds)	Handoff Window Duration (Seconds)	Initial Setup Duration (Seconds)	Cleanup Duration (Seconds)	Aperture	Science Instrument
	1000	900	0	0		NIRSPEC
Spectral Elements	<p>#</p> <p>1</p>					
Special Requirements	<p>PCS Mode NONE</p> <p>No Parallel Attachments</p> <p>Realtime</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Special Commanding Realtime Commanding</p>					

Proposal 1490 - Observation 46 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 46: Exposures with RTS 198 Activated (fourth test mask applied)</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 46:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>On Hold only run in response to anomolous telemetry</p> <p>Special Commanding Special Commanding Approval will indicate confirmation that the MCE resolver conversion, tri-state, zero-potential masks and the predefined MSA configuration (alopen/allclosed) files needed for this visit will be in the ISIM file store before it begins.</p>											

Proposal 1490 - Observation 47 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 47: Re-activate RTS 211 (original mask)</p> <p>Diagnostic Status: Error</p> <p>Observing Template: Realtime Commanding</p> <p><i>Comments: Commanding:</i> - activate test mask in RTS 211</p> <p><i>CECIL> start ifsw flt rts ctrl("RTS0=211","ACTION=START")</i></p>																
Diagnostics	<p>(Re-activate RTS 211 (original mask) (Obs 47)) Error (Form): The Special Requirement REQUIRED must be used with this Observation.</p> <p>(Visit 47:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																
Template	<table border="1"> <thead> <tr> <th>Realtime Duration (Seconds)</th> <th>Handoff Window Duration (Seconds)</th> <th>Initial Setup Duration (Seconds)</th> <th>Cleanup Duration (Seconds)</th> <th>Aperture</th> <th>Science Instrument</th> </tr> </thead> <tbody> <tr> <td>1000</td> <td>900</td> <td>0</td> <td>0</td> <td></td> <td>NIRSPEC</td> </tr> </tbody> </table>	Realtime Duration (Seconds)	Handoff Window Duration (Seconds)	Initial Setup Duration (Seconds)	Cleanup Duration (Seconds)	Aperture	Science Instrument	1000	900	0	0		NIRSPEC				
Realtime Duration (Seconds)	Handoff Window Duration (Seconds)	Initial Setup Duration (Seconds)	Cleanup Duration (Seconds)	Aperture	Science Instrument												
1000	900	0	0		NIRSPEC												
Spectral Elements	<p>#</p> <p>1</p>																
Special Requirements	<p>PCS Mode NONE No Parallel Attachments Realtime On Hold only run in response to anomolous telemetry Special Commanding Realtime Commanding</p>																

Proposal 1490 - Observation 48 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 48: MSA Short Detection Diagnostic Status: Warning Observing Template: NIRSspec MSA Short Detection</p>																						
Diagnostics	<p>(Visit 48:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																						
Template	<p>Error Response PROCEED</p>	<p>Region Check STANDARD</p>																					
Quadrant List	<table border="1"> <thead> <tr> <th>#</th> <th>Quadrant</th> <th>Threshold 171 Side (mA)</th> <th>Threshold 365 Side (mA)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Quadrant 4</td> <td>1.52</td> <td>0.8</td> </tr> <tr> <td>2</td> <td>Quadrant 3</td> <td>0.55</td> <td>0.55</td> </tr> <tr> <td>3</td> <td>Quadrant 2</td> <td>0.86</td> <td>0.885</td> </tr> <tr> <td>4</td> <td>Quadrant 1</td> <td>0.6</td> <td>0.62</td> </tr> </tbody> </table>	#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)	1	Quadrant 4	1.52	0.8	2	Quadrant 3	0.55	0.55	3	Quadrant 2	0.86	0.885	4	Quadrant 1	0.6	0.62		
#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)																				
1	Quadrant 4	1.52	0.8																				
2	Quadrant 3	0.55	0.55																				
3	Quadrant 2	0.86	0.885																				
4	Quadrant 1	0.6	0.62																				
Special Requirements	<p>No Parallel Attachments Special Commanding MSA Short Detection</p>																						

Proposal 1490 - Observation 49 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 49: Diagnostic exposures for suspected Q4 short</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 49:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	3	IMAGE	FULL	NONE	CHKBD1x1-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	4	IMAGE	FULL	NONE	CHKBD1x1-2	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	5	IMAGE	FULL	NONE	PID_1181_Obs_004_Config_002	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p>											

Proposal 1490 - Observation 50 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 50: Diagnostic exposures for transient Q2 short</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 50:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	3	IMAGE	FULL	NONE	duplicate of V0121101500101	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	4	IMAGE	FULL	NONE	duplicate of V0121101600101	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	5	IMAGE	FULL	NONE	duplicate of V0121101800101	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p>											

Proposal 1490 - Observation 51 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 51: MSA Short Detection Diagnostic Status: Warning Observing Template: NIRSpec MSA Short Detection</p>										
Diagnostics	<p>(Visit 51:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>										
Template	<p>Error Response PROCEED</p>	<p>Region Check STANDARD</p>									
Quadrant List	<table border="1"> <thead> <tr> <th>#</th> <th>Quadrant</th> <th>Threshold 171 Side (mA)</th> <th>Threshold 365 Side (mA)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Quadrant 4</td> <td>1.52</td> <td>0.8</td> </tr> </tbody> </table>	#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)	1	Quadrant 4	1.52	0.8		
#	Quadrant	Threshold 171 Side (mA)	Threshold 365 Side (mA)								
1	Quadrant 4	1.52	0.8								
Special Requirements	<p>No Parallel Attachments Special Commanding MSA Short Detection Sequence Observations 51, 52, Non-interruptible</p>										

Proposal 1490 - Observation 52 - MSA Short Detection in Nominal Ops

Thu Jun 01 22:00:41 GMT 2023

Observation	<p>Proposal 1490, Observation 52: Follow-up exposures</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Internal Lamp</p>											
Diagnostics	<p>(Visit 52:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Spectral Elements	#	Operating Mode	Subarray	Lamp	MSA Configuration	Grating	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	IMAGE	FULL	NONE	CHKBD3x3-1	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	2	IMAGE	FULL	NONE	CHKBD3x3-3	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
	3	IMAGE	FULL	NONE	duplicate of V0118109800106 (medj01_31_p)	MIRROR	NRSIRS2RAPID	5	1	1	87.533	
Special Requirements	<p>No Parallel Attachments</p> <p>DMS Priority HIGH</p> <p>Sequence Observations 51, 52, Non-interruptible</p>											