



1498 - Full Frame Darks (NIS)

Cycle: 1, Proposal Category: CAL/NIRISS

INVESTIGATORS

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OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
Observation Folder				
	1		NIRISS Dark	NONE
	2		NIRISS Dark	NONE
	3		NIRISS Dark	NONE
	4		NIRISS Dark	NONE
	5		NIRISS Dark	NONE
	6		NIRISS Dark	NONE
	7		NIRISS Dark	NONE
	8		NIRISS Dark	NONE
	9		NIRISS Dark	NONE
	10		NIRISS Dark	NONE
	11		NIRISS Dark	NONE
	12		NIRISS Dark	NONE
	13		NIRISS Dark	NONE
	14		NIRISS Dark	NONE
	15		NIRISS Dark	NONE

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	16		NIRISS Dark	NONE
	17		NIRISS Dark	NONE
	18		NIRISS Dark	NONE
	19		NIRISS Dark	NONE
	20		NIRISS Dark	NONE
	21		NIRISS Dark	NONE
	22		NIRISS Dark	NONE
	23		NIRISS Dark	NONE
	24		NIRISS Dark	NONE

ABSTRACT

Parallel dark exposures are taken in the NIS read-out for detector monitoring and the production of reference files for the JWST data reduction pipeline. The current proposed cadence is one set of darks per 2 months, and hence 6 sets per year. Each set consists of 4 parallel observations. The individual observations are for 5 integrations per exposure with 30 groups per integration, to be under the 10000 second limit for observations to avoid HGA moves. It is likely that the HGA moves are of no concern for the dark measurements, but this is required to avoid errors in the APT file.

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

OBSERVING DESCRIPTION

We request a series of NIS mode darks for NIRISS during cycle 1. These are split into 24 individual observations of 2.14 hours each for easier scheduling. The request is to get 4 such observations in each of 6 time periods spread over the year.

Analogous darks for the NISRAPID read-out and sub-array read-outs are requested in programs 1497 and 1499, scheduled in 20 other two-week periods for program 1497 and in the same windows for program 1499.

TIMING CONSTRAINTS

The schedule of darks assumes a launch on 22 December 2021, and a start of cycle 1 observations on 20 June 2022. Each individual observation is given a 13 day period in the schedule. There is no particular constraint on when the darks should be scheduled within the roughly 2 week window. There are no particular constraints on when the four observations requested within a particular time period are scheduled: these can be all in one shot if that is what is possible or at any times during the period. There is also flexibility if for some reason these observations need to be taken either a

little earlier or a little later than the nominal time window, as long as the groups of four darks from the different windows are well separated through the year.

Since the first scheduled period is roughly 6 weeks after the start of the cycle, these observations would only be affected if the start of cycle 1 was delayed beyond 1 August 2022. As each observation is independent of the others, any such delay can be handled by simply re-scheduling any missed time windows to the end of the sequence.

Proposal 1498 - Observation 1 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 1</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 01-AUG-2022 and 16-AUG-2022 Parallel</p>							

Proposal 1498 - Observation 2 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 2</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p> <p><i>Placed on-hold because we found in commissioning that the NISRAPID darks are sufficient for NIS calibration.</i></p>							
Diagnostics	<p>(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 01-AUG-2022 and 16-AUG-2022</p> <p>Parallel</p> <p>On Hold Placed on hold because the NISRAPID darks suffice for NIS mode calibration.</p>							

Proposal 1498 - Observation 3 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 3</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>																
Diagnostics	<p>(Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																
Spectral Elements	<table border="1"> <thead> <tr> <th>#</th> <th>Subarray</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>FULL</td> <td>NIS</td> <td>30</td> <td>5</td> <td>5</td> <td>6495.746</td> <td></td> </tr> </tbody> </table>	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	1	FULL	NIS	30	5	5	6495.746	
#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID										
1	FULL	NIS	30	5	5	6495.746											
Special Requirements	<p>Between Dates 01-AUG-2022 and 16-AUG-2022 Parallel On Hold Placed on-hold because NISRAPID darks are sufficient for NIS calibration.</p>																

Proposal 1498 - Observation 4 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 4</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 01-AUG-2022 and 16-AUG-2022</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 5 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 5</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 26-SEP-2022 and 11-OCT-2022</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 6 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 6</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 26-SEP-2022 and 11-OCT-2022</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 7 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 7</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 26-SEP-2022 and 11-OCT-2022</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 8 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 8</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 26-SEP-2022 and 11-OCT-2022</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 9 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 9</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 05-DEC-2022 and 20-DEC-2022 Parallel On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 10 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 10</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>																
Diagnostics	<p>(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																
Spectral Elements	<table border="1"> <thead> <tr> <th>#</th> <th>Subarray</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>FULL</td> <td>NIS</td> <td>30</td> <td>5</td> <td>5</td> <td>6495.746</td> <td></td> </tr> </tbody> </table>	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	1	FULL	NIS	30	5	5	6495.746	
#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID										
1	FULL	NIS	30	5	5	6495.746											
Special Requirements	<p>Between Dates 05-DEC-2022 and 20-DEC-2022 Parallel On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>																

Proposal 1498 - Observation 11 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 11</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 05-DEC-2022 and 20-DEC-2022 Parallel On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 12 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 12</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>																
Diagnostics	<p>(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																
Spectral Elements	<table border="1"> <thead> <tr> <th>#</th> <th>Subarray</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>FULL</td> <td>NIS</td> <td>30</td> <td>5</td> <td>5</td> <td>6495.746</td> <td></td> </tr> </tbody> </table>	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	1	FULL	NIS	30	5	5	6495.746	
#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID										
1	FULL	NIS	30	5	5	6495.746											
Special Requirements	<p>Between Dates 05-DEC-2022 and 20-DEC-2022</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode observations.</p>																

Proposal 1498 - Observation 13 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 13</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 30-JAN-2023 and 14-FEB-2023</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 14 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 14</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 30-JAN-2023 and 14-FEB-2023</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 15 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 15</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 30-JAN-2023 and 14-FEB-2023</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 16 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 16</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>																
Diagnostics	<p>(Visit 16:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																
Spectral Elements	<table border="1"> <thead> <tr> <th>#</th> <th>Subarray</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>FULL</td> <td>NIS</td> <td>30</td> <td>5</td> <td>5</td> <td>6495.746</td> <td></td> </tr> </tbody> </table>	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	1	FULL	NIS	30	5	5	6495.746	
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1	FULL	NIS	30	5	5	6495.746											
Special Requirements	<p>Between Dates 30-JAN-2023 and 14-FEB-2023</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>																

Proposal 1498 - Observation 17 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 17</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>																
Diagnostics	<p>(Visit 17:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																
Spectral Elements	<table border="1"> <thead> <tr> <th>#</th> <th>Subarray</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>FULL</td> <td>NIS</td> <td>30</td> <td>5</td> <td>5</td> <td>6495.746</td> <td></td> </tr> </tbody> </table>	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	1	FULL	NIS	30	5	5	6495.746	
#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID										
1	FULL	NIS	30	5	5	6495.746											
Special Requirements	<p>Between Dates 27-MAR-2023 and 11-APR-2023 Parallel On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>																

Proposal 1498 - Observation 18 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 18</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 18:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 27-MAR-2023 and 11-APR-2023</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 19 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 19</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 19:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 27-MAR-2023 and 11-APR-2023</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 20 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 20</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>																
Diagnostics	<p>(Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																
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#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID										
1	FULL	NIS	30	5	5	6495.746											
Special Requirements	<p>Between Dates 27-MAR-2023 and 11-APR-2023</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>																

Proposal 1498 - Observation 21 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 21</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 05-JUN-2023 and 20-JUN-2023</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 22 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 22</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 05-JUN-2023 and 20-JUN-2023</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 23 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 23</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 05-JUN-2023 and 20-JUN-2023</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							

Proposal 1498 - Observation 24 - Full Frame Darks (NIS)

Tue Aug 23 23:01:37 GMT 2022

Observation	<p>Proposal 1498, Observation 24</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Dark</p> <p><i>Comments: Four groups of these darks are required per each 2 month period. There is some advantage of scheduling a group of four dark observations over a short period of time, but this is not essential.</i></p>							
Diagnostics	<p>(Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>							
Spectral Elements	#	Subarray	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	FULL	NIS	30	5	5	6495.746	
Special Requirements	<p>Between Dates 05-JUN-2023 and 20-JUN-2023</p> <p>Parallel</p> <p>On Hold Placed on-hold because NISRAPID darks are sufficient for NIS mode calibration.</p>							