



Juno JIRAM

Report JM0201

JIR-IAPS-SY-004-2020 Version 1.0

April 20, 2020

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	JIR-IAPS-SY-004-20			
e opo	Issue	1.0	20/	04/2020
JUNO/JIRAM	Page	2	of	100

Table of Contents

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1	INTRODUCTION	3
2	REFERENCES	3
3	ACTIVITY DESCRIPTION	3
4	RADIATION SEQUENCES	5
5	5 SCIENTIFIC GOALS	5
6	5 DATA COLLECTION OVERVIEW	8
	A.1 Commanding file (SASF)	.13

List of Figures

Figure 1: Simulation with JSPT (JIRAM Software Planning Tool), coverage of the S	outh Pole
with filter M. The overlapping yellow strips represent the predicted FOVs	4
Figure 2: Simulation with JSPT. Coverage of the South Pole with filter L, the mag	genta line
represents the theoretical position of the main auroral oval	5

List of Tables

Table 1: Scientific Goals	8
Table 2: Data Overview	

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100

Page

This document describes the activities that JIRAM performed during the activity period JM0201 (PJ020), with particular attention to the comparison between expected achieved data, keeping track of the instrument configuration with the commanding file (SASF).

2 REFERENCES

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Adv. Space Res. (2019) https://doi.org/10.1016/j.asr.2019.09.052

3 **ACTIVITY DESCRIPTION**

During the PJ020 pass, JIRAM performed coverage of the South Pole (see fig. 1 and fig.2), of the aurorae and the planet's limb. Note that there is a spectral observation corresponding to each observation taken with the imager. Moreover, observations of Jupiter's moon IO were also implemented (not reported in the figures). Details about imager/spectrometer coupling and more in general about the instrument and its performance can be found in Adriani et al. (2017), Noschese et al. (2019).

June Juno/JIRAM	สีสกร	JIR-IAPS-SY-004-2020			004-2020
			1.0	20/	/04/2020
	JUNO/JIRAM	Page	4	of	100

Due to an uncertainty in the actual pointing of JIRAM frame (which is affected by the position of the despinning mirror at the time of the observation), JIRAM team found that the precision of the reconstruction of the geometry of both IMG and SPE pixels should be revised by a value of no less than 0.1 degrees. We want to underline that this issue was only discovered during JM0131, when we started to do systematic limb observations near the Perijove (PJ) and we could compare the calculated planet limb, using the reconstructed kernels, with respect to the image we collected by our instrument.

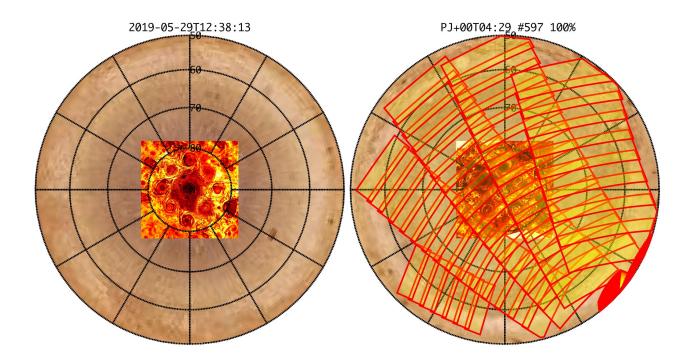


Figure 1: Simulation with JSPT (JIRAM Software Planning Tool), coverage of the South Pole with filter M. The overlapping yellow strips represent the predicted FOVs.

		JIR-L	APS-S	5Y-	Y-004-2020	
JUNQ	e opo	Issue	1.0	20/	/04/2020	
	JUNO/JIRAM	Page	5	of	100	

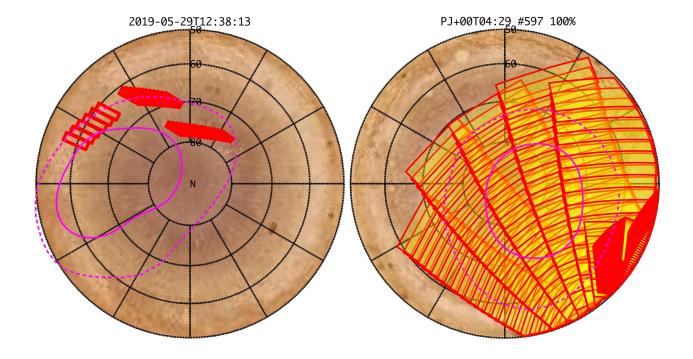


Figure 2: Simulation with JSPT. Coverage of the South Pole with filter L, the magenta line represents the theoretical position of the main auroral oval.

4 RADIATION SEQUENCES

Radiation sequences were collected in locations of low particle flux in order to update the mapping of good pixel locations to be used in subsequent radiation data processing. Radiation sequences targeting observations of the radiation environment were performed in the middle magnetosphere, on approach to the North polar region, the inner magnetosphere, and the South polar region.

5 SCIENTIFIC GOALS

Below is a table that describes for each science block in the commanding file the relative operational mode and the scientific objectives. The files relating to the various science blocks are shown in the file "JIR_STATUS_EDR_2019148T154953_V01.CSV" in the INDEX directory.

JIR-IAPS-SY-004-2020



1.0 Issue Page

100

JRM (sasf)	Operational	Goals
. ,	Mode	
JRM_004	CAL_I1_S1	INTERNAL CALIBRATION
JRM_005	SCI_I1_S1	RADIATION
JRM_006	SCI_I1_S1	RADIATION+CALIBRATION
JRM_007	SCI_I1_S1	RADIATION+CALIBRATION
JRM_008	SCI_I1_S1	RADIATION+CALIBRATION
JRM 009	SCI II SI	RADIATION+CALIBRATION
JRM 010	SCI II SI	RADIATION+CALIBRATION
JRM 011	SCI_I1_S1	RADIATION
JRM_012	SCI_I1_S1	RADIATION+CALIBRATION
JRM_013	SCI_I1_S1	RADIATION+CALIBRATION
	SCI_I1_S1	RADIATION+CALIBRATION
JRM 015	SCI I1 S1	RADIATION+CALIBRATION
JRM 016	SCI II SI	RADIATION+CALIBRATION
JRM 017	SCI II SI	RADIATION+CALIBRATION
JRM_018	SCI_I1_S1	RADIATION+CALIBRATION
	SCI_I1_S1	RADIATION+CALIBRATION
JRM_020	SCI_I1_S1	RADIATION+CALIBRATION
JRM_021	SCI_I1_S1	RADIATION+CALIBRATION
JRM_022	SCI_I1_S1	RADIATION+CALIBRATION
JRM_023	SCI_I1_S1	RADIATION
JRM_024	SCI_I1_S1	RADIATION
JRM_025	SCI_I1_S1	RADIATION
JRM_026	SCI_I1_S1	RADIATION
JRM_027	SCI_I1_S1	RADIATION
JRM_028	SCI_I1_S1	RADIATION
JRM_029	SCI_I1_S1	RADIATION
JRM_030	SCI_I1_S1	RADIATION
JRM_031	SCI_I1_S1	RADIATION
JRM_032	SCI_I1_S1	RADIATION+CALIBRATION
JRM_033	SCI_I1_S1	RADIATION+CALIBRATION
JRM_034	SCI_I1_S1	RADIATION+CALIBRATION
JRM_035	SCI_I1_S1	RADIATION+CALIBRATION
JRM_036	SCI_I1_S1	RADIATION+CALIBRATION
JRM_037	SCI_I1_S1	RADIATION
JRM_038	SCI_I1_S1	RADIATION+CALIBRATION
JRM_039	SCI_I1_S1	RADIATION+CALIBRATION
JRM_040	SCI_I1_S1	RADIATION+CALIBRATION
JRM_041	SCI_I1_S1	RADIATION
JRM_042	SCI_I1_S1	RADIATION+CALIBRATION
JRM_043	SCI_I1_S1	RADIATION+CALIBRATION
JRM_044	SCI_I1_S1	RADIATION+CALIBRATION
JRM_045	SCI_I1_S1	RADIATION
JRM_046	SCI_I1_S1	RADIATION+CALIBRATION
JRM_047	SCI_I1_S1	RADIATION+CALIBRATION
JRM_048	SCI_I1_S1	RADIATION+CALIBRATION
JRM_049	SCI_I1_S1	RADIATION
JRM_050	SCI_I1_S1	RADIATION+CALIBRATION
JRM_051	SCI_I1_S1	RADIATION+CALIBRATION
JRM_052	SCI_I1_S1	RADIATION+CALIBRATION
JRM_053	SCI_I1_S1	RADIATION+CALIBRATION

of 6

20/04/2020



JUNQ

JUNO/JIRAM

20/04/2020 1.0 Issue 7 of Page

100

JRM_054	SCI_I1_S1	RADIATION
JRM_055	SCI_I1_S1	RADIATION+CALIBRATION
JRM_056	SCI_I1_S1	RADIATION+CALIBRATION
JRM_057	SCI_I1_S1	RADIATION+CALIBRATION
JRM_058	SCI_I1_S1	RADIATION
JRM_059	SCI_I1_S1	RADIATION+CALIBRATION
JRM_060	SCI_I1_S1	RADIATION
JRM_061	SCI_I1_S1	RADIATION
JRM_062	SCI_I1_S1	RADIATION
JRM_063	SCI_I2_S1	ΙΟ
	SCI_I1_S1	RADIATION
	SCI_I3_S1	EUROPA FOOTPRINT NORTH
	SCI_I3_S1	IO FOOTPRINT NORTH
 JRM_068	 SCI_I3_S1	GANYMEDE FOOTPRINT NORTH
JRM_069	SCI_I1_S1	RADIATION
JRM_070	SCI_I1_S1	LIMB UP 1s
JRM_071	SCI_I1_S1	LIMB UP 1s
JRM_072	SCI_I1_S1	LIMB UP 1s
JRM_073	SCI_I1_S1	LIMB UP 1s
 JRM_074	SCI_I1_S1	RADIATION
JRM_075	SCI_I1_S1	RADIATION
	SCI_I1_S1	LIMB DOWN 1s
	SCI_I1_S1	LIMB DOWN 1s
	SCI_I1_S1	LIMB DOWN 1s
	SCI II SI	LIMB DOWN 1s
 JRM_080	SCI_I1_S1	LIMB DOWN 1s
	SCI_I1_S1	LIMB DOWN 1s
	SCI_I1_S1	LIMB DOWN 1s
JRM_083	SCI_I1_S1	LIMB DOWN 1s
JRM_084	SCI_I1_S1	LIMB DOWN 1s
JRM_085	SCI_I1_S1	LIMB DOWN 1s
 JRM_086	SCI_I1_S1	LIMB DOWN 1s
 JRM_087	SCI_I1_S1	LIMB DOWN 1s
JRM 088	SCI II SI	LIMB DOWN 1s
JRM 089	SCI II SI	RADIATION
JRM_090	SCI_I1_S1	RADIATION
JRM_091	SCI_I1_S1	RADIATION
JRM_092	SCI_I2_S1	SOUTH POLE
JRM_093	SCI_I3_S1	SOUTH AURORA
JRM_094	SCI_12_S1	SOUTH POLE
JRM_095	SCI_I3_S1	SOUTH AURORA
JRM_096	SCI_12_S1	SOUTH POLE
JRM_097	SCI_12_51	SOUTH AURORA
JRM_098	SCI_12_S1	SOUTH POLE
JRM_099	SCI_12_51	SOUTH AURORA
JRM_100	SCI_12_S1	SOUTH POLE
JRM_101	SCI_12_51	SOUTH AURORA
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 JIR-IAPS-SY-004-2020

 Issue
 1.0
 20/04/2020

 Page
 8
 of
 100

JRM_102	SCI_I3_S1	SOUTH AURORA
JRM_103	SCI_I1_S1	LIMB DARK SOUTH
JRM_104	SCI_I1_S1	LIMB DARK SOUTH
JRM_105	SCI_I1_S1	LIMB DARK SOUTH
JRM_106	SCI_I1_S1	LIMB DARK SOUTH
JRM_107	CAL_I1_S1	INTERNAL CALIBRATION

Table 1: Scientific Goals

6 DATA COLLECTION OVERVIEW

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Below is a table that gives an overview of the data collected during the activity period JM0201. The table describes, for each science block in the commanding file, the programmed operational modes and the data actually collected.

JRM (sasf)	Operational Mode	Observations	Packets Retrieved	Packets Expected	Missing Observations SPE	Missing Observations IMG
JRM_004	CAL_I1_81	6 IMG 6 SPE	72	72	0	0
JRM_005	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_006	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_007	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_008	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_009	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_010	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_011	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_012	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_013	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_014	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_015	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_016	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_017	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_018	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_019	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0

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JUNO/JIRAM

Issue	1.0	20/04/2020	
Page	9	of	100

JRM_020 SCL_1L_51 3 MG 3 MG 36 36 0 0 JRM_021 SCL_1L_51 3 MG 3 MG 36 36 36 0 0 JRM_022 SCL_1L_51 3 MG 3 SPE 3 36 36 0 0 JRM_023 SCL_1L_51 3 IMG 3 SPE 36 36 0 0 JRM_024 SCL_1L_51 3 IMG 3 SPE 36 36 0 0 JRM_025 SCL_1L_51 3 IMG 3 SPE 36 36 0 0 JRM_026 SCL_1L_51 3 IMG 3 SPE 36 36 0 0 JRM_027 SCL_1L_51 3 IMG 3 SPE 36 0 0 0 JRM_028 SCL_1L_51 3 IMG 3 SPE 36 0 0 0 JRM_030 SCL_1L_51 3 IMG 3 SPE 36 0 0 0 JRM_031 SCL_1L_51 3 IMG 3 SPE 36 0 0 0 JRM_033 SCL_1L_51		3 SPE	36	36	0	0
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JRM_022 SCL_1L_SI 3 IMG 3 SPE 36 36 0 JRM_023 SCL_1L_SI 3 IMG 3 SPE 36 36 0 0 JRM_024 SCL_1L_SI 3 IMG 3 SPE 36 36 0 0 JRM_024 SCL_1L_SI 3 IMG 3 SPE 36 36 0 0 JRM_025 SCL_1L_SI 3 IMG 3 SPE 36 36 0 0 JRM_026 SCL_1L_SI 3 IMG 3 SPE 36 36 0 0 JRM_027 SCL_1L_SI 3 IMG 3 SPE 36 36 0 0 JRM_028 SCL_1L_SI 3 IMG 3 SPE 36 36 0 0 JRM_030 SCL_1L_SI 3 IMG 3 SPE 36 36 0 0 JRM_031 SCL_1L_SI 3 IMG 3 SPE 36 36 0 0 JRM_033 SCL_1L_SI 3 IMG 3 SPE 36 36 0 0 JRM_033 SCL_1L_SI 3 IMG 3 SPE 36<	JRM_021 SCI_I1_S1					
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$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	JRM_022 SCI_I1_S1	3 IMG	36	36	0	0
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JRM_033 SCI_I1_S1 3 IMG 3 SPE 36 36 36 0 0 JRM_034 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_035 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_036 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_036 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_037 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_037 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_038 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_040 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_041 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_I1_S1					Ū	•
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	JRM_032 SCI_I1_S1	3 IMG	36	36	0	0
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		3 SPE				
JRM_034 SCI_II_SI 3 IMG 3 SPE 36 36 0 0 JRM_035 SCI_II_SI 3 IMG 3 SPE 36 36 0 0 JRM_035 SCI_II_SI 3 IMG 3 SPE 36 36 0 0 JRM_036 SCI_II_SI 3 IMG 3 SPE 36 36 0 0 JRM_037 SCI_II_SI 3 IMG 3 SPE 36 36 0 0 JRM_038 SCI_II_SI 3 IMG 3 SPE 36 36 0 0 JRM_039 SCI_II_SI 3 IMG 3 SPE 36 36 0 0 JRM_040 SCI_II_SI 3 IMG 3 SPE 36 36 0 0 JRM_041 SCI_II_SI 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_II_SI 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_II_SI 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_II_SI 3 IMG 3 SPE </td <td>JRM 033 SCI 11 S1</td> <td></td> <td>36</td> <td>36</td> <td>0</td> <td>0</td>	JRM 033 SCI 11 S1		36	36	0	0
JRM_035 SCI_1I_S1 3 IMG 3 SPE 36 36 0 0 JRM_036 SCI_1I_S1 3 IMG 3 SPE 36 36 0 0 JRM_036 SCI_1I_S1 3 IMG 3 SPE 36 36 0 0 JRM_037 SCI_1I_S1 3 IMG 3 SPE 36 36 0 0 JRM_038 SCI_1I_S1 3 IMG 3 SPE 36 36 0 0 JRM_039 SCI_1I_S1 3 IMG 3 SPE 36 36 0 0 JRM_040 SCI_1I_S1 3 IMG 3 SPE 36 36 0 0 JRM_041 SCI_1I_S1 3 IMG 3 SPE 36 36 0 0 JRM_042 SCI_1I_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_1I_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_1I_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_1I_S1 3 IMG 3 SPE </td <td></td> <td>3 SPE</td> <td></td> <td></td> <td></td> <td></td>		3 SPE				
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JRM_035 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_036 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_037 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_037 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_038 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_039 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_040 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_041 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_042 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_II_S1 3 IMG 3 SPE </td <td></td> <td>3 SPE</td> <td></td> <td></td> <td></td> <td></td>		3 SPE				
JRM_036 SCI_II_S1 3 IMG 3 SPE 36 36 9 0 JRM_037 SCI_II_S1 3 IMG 3 SPE 36 36 36 0 0 JRM_037 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_038 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_039 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_040 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_041 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_042 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_II_S1	JRM_035 SCI_I1_S1	3 IMG	36	36	0	0
JRM_037 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_038 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_038 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_039 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_040 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_041 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_042 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_042 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE </td <td></td> <td>3 SPE</td> <td></td> <td></td> <td></td> <td></td>		3 SPE				
JRM_037 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_038 SCI_II_S1 3 IMG 3 SPE 36 36 36 0 0 JRM_039 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_040 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_040 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_041 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_042 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_II_S1	JRM_036 SCI_I1_S1		36	36	0	0
JRM_038 SCI_11_S1 3 IMG 3 SPE 36 36 0 0 JRM_039 SCI_11_S1 3 IMG 3 SPE 36 36 0 0 JRM_039 SCI_11_S1 3 IMG 3 SPE 36 36 0 0 JRM_040 SCI_11_S1 3 IMG 3 SPE 36 36 0 0 JRM_041 SCI_11_S1 3 IMG 3 SPE 36 36 0 0 JRM_041 SCI_11_S1 3 IMG 3 SPE 36 36 0 0 JRM_042 SCI_11_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_11_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_11_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_11_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_11_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_11_S1 3 IMG 3 SPE </td <td></td> <td>3 SPE</td> <td></td> <td></td> <td></td> <td></td>		3 SPE				
JRM_038 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 JRM_039 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 0 JRM_040 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 0 JRM_040 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 0 JRM_041 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 0 JRM_042 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 0 JRM_043 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 0 JRM_044 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 0 JRM_044 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 0 JRM_045 SCI_II_S1 3 IMG 3 SPE 36 36 0 0 0 JRM_046 SCI_II_S1 3 IMG 3 SPE	JRM_037 SCI_I1_S1		36	36	0	0
JRM_039 SCI_II_SI 3 SPE 3 IMG 36 36 0 0 JRM_040 SCI_II_SI 3 IMG 36 36 0 0 JRM_040 SCI_II_SI 3 IMG 36 36 0 0 JRM_041 SCI_II_SI 3 IMG 36 36 0 0 JRM_041 SCI_II_SI 3 IMG 36 36 0 0 JRM_042 SCI_II_SI 3 IMG 36 36 0 0 JRM_043 SCI_II_SI 3 IMG 36 36 0 0 JRM_044 SCI_II_SI 3 IMG 36 36 0 0 JRM_045 SCI_II_SI 3 IMG 36 36 0 0 JRM_046 SCI_II_SI 3 IMG 36 36 0 0 JRM_046 SCI_II_SI 3 IMG 36 36 0 0 JRM_047 SCI_II_SI 3 IMG 36 36					2	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	JRM_038 SCI_II_SI		36	36	0	0
JRM_040 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_041 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_041 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_042 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_047 SCI_I1_S1 3 IMG 36 36 0 0	IRM 030 SCL 11 S1		36	36	0	0
JRM_041 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_042 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_042 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_047 SCI_I1_S1 3 IMG 36 36 0 0			50	50	U	U
JRM_041 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_042 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_042 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_047 SCI_I1_S1 3 IMG 36 36 0 0	JRM 040 SCI I1 S1	3 IMG	36	36	0	0
JRM_041 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_042 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_047 SCI_I1_S1 3 IMG 36 36 0 0						
JRM_042 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_047 SCI_I1_S1 3 IMG 36 36 0 0	JRM_041 SCI_I1_S1		36	36	0	0
JRM_042 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_043 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_047 SCI_I1_S1 3 IMG 36 36 0 0		3 SPE				
JRM_043 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_047 SCI_I1_S1 3 IMG 36 36 0 0	JRM_042 SCI_I1_S1	3 IMG	36	36	0	0
JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_047 SCI_I1_S1 3 IMG 36 36 0 0			ļ			
JRM_044 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_047 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0	JRM_043 SCI_I1_S1		36	36	0	0
JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_047 SCI_I1_S1 3 IMG 36 36 0 0			24	24	•	
JRM_045 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_047 SCI_I1_S1 3 IMG 36 36 0 0	JKM_044 SCI_II_SI		36	36	U	U
JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_047 SCI_I1_S1 3 IMG 36 36 0 0	JRM 045 SCI 11 S1		36	36	Λ	0
JRM_046 SCI_I1_S1 3 IMG 3 SPE 36 36 0 0 JRM_047 SCI_I1_S1 3 IMG 36 36 0 0			50	50	U	U
JRM_047 SCI_I1_S1 3 IMG 36 36 0 0	JRM 046 SCI II SI		36	36	0	0
					0	Ū
	JRM 047 SCI II S1	3 IMG	36	36	0	0
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JRM_048	SCI_I1_S1	3 IMG	36	36	0	0
JRM_049	SCI_I1_S1	3 SPE 3 IMG	36	36	0	0
		3 SPE	•••	•••	Ũ	, in the second
JRM_050	SCI_I1_S1	3 IMG	36	36	0	0
JRM_051	SCI_I1_S1	3 SPE	36	36	0	0
JKW1_051	SCI_II_SI	3 IMG 3 SPE	30	30	U	U
JRM_052	SCI_I1_S1	3 IMG	36	36	0	0
		3 SPE			-	-
JRM_053	SCI_I1_S1	3 IMG	36	36	0	0
IDM 054		3 SPE	26	26	0	•
JRM_054	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_055	SCI_I1_S1	3 IMG	36	36	0	0
		3 SPE		•••	0	Ŭ
JRM_056	SCI_I1_S1	3 IMG	36	36	0	0
		3 SPE				
JRM_057	SCI_I1_S1	3 IMG	36	36	0	0
JRM_058	SCI_I1_S1	3 SPE 3 IMG	36	36	0	0
JINNI_030	SCI_II_SI	3 SPE	50	50	U	U
JRM_059	SCI_I1_S1	3 IMG	36	36	0	0
_		3 SPE			-	-
JRM_060	SCI_I1_S1	3 IMG	36	36	0	0
	0.01 11 01	3 SPE				
JRM_061	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_062	SCI_I1_S1	3 IMG	36	36	0	0
_		3 SPE				
JRM_063	SCI_I2_S1	35 IMG	315	315	0	0
	0.01 11 01	35 SPE				
JRM_065	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_066	SCI_I3_S1	6 IMG	54	54	0	0
		6 SPE	51	51	Ū	v
JRM_067	SCI_I3_S1	12 IMG	108	108	0	0
		12 SPE				
JRM_068	SCI_I3_S1	14 IMG	126	126	0	0
JRM_069	SCI_I1_S1	14 SPE	36	36	0	0
JKW1_009	SCI_II_SI	3 IMG 3 SPE	50	- 30	U	U
JRM_070	SCI_I1_S1	10 IMG	120	120	0	0
_		10 SPE			-	-
JRM_071	SCI_I1_S1	7 IMG	84	84	0	0
IDM 072	601 11 01	7 SPE	0.4	0.4	Δ	•
JRM_072	SCI_I1_S1	7 IMG 7 SPE	84	84	0	0
JRM 073	SCI_I1_S1	7 SFE 7 IMG	84	84	0	0
		7 SPE			÷	Ť
JRM_074	SCI_I1_S1	3 IMG	36	36	0	0
	0.02 21 21	3 SPE			~	-
JRM_075	SCI_I1_S1	3 IMG 3 SPF	36	36	0	0
JRM_076	SCI_I1_S1	3 SPE 10 IMG	120	120	0	0
0111-0/0	501_11_51	10 INIG 10 SPE	140	140	U	v

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1.0 Issue

JUNO/JIRAM

20/04/2020 of 100 Page 11

JRM_077	SCI_I1_S1	7 IMG	84	84	0	0
_		7 SPE				
JRM_078	SCI_I1_S1	7 IMG 7 SPE	84	84	0	0
JRM_079	SCI_I1_S1	7 IMG 7 SPE	84	84	0	0
JRM_080	SCI_I1_S1	7 IMG 7 SPE	84	84	0	0
JRM_081	SCI_I1_S1	7 IMG 7 SPE	84	84	0	0
JRM_081	SCI_I1_S1	7 IMG 7 SPE	84	84	0	0
JRM_082	SCI_I1_S1	7 IMG 7 SPE	84	84	0	0
JRM_083	SCI_I1_S1	7 SFE 7 IMG 7 SPE	84	84	0	0
JRM_084	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_085	SCI_I1_S1	7 IMG 7 SPE	84	84	0	0
JRM_086	SCI_I1_S1	7 IMG 7 SPE	84	84	0	0
JRM_087	SCI_I1_S1	7 SPE 7 IMG 7 SPE	84	84	0	0
JRM_088	SCI_I1_S1	7 SFE 7 IMG 7 SPE	84	84	0	0
JRM_089	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_090	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_091	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_092	SCI_I2_S1	7 IMG 7 SPE	63	63	0	0
JRM_093	SCI_I3_S1	23 IMG 23 SPE	207	207	0	0
JRM_094	SCI_I2_S1	15 IMG 15 SPE	135	135	0	0
JRM_095	SCI_I3_S1	23 IMG 23 SPE	207	207	0	0
JRM_096	SCI_I2_S1	15 IMG 15 SPE	135	135	0	0
JRM_097	SCI_I3_S1	19 IMG 19 SPE	171	171	0	0
JRM_098	SCI_I2_S1	13 IMG 13 SPE	117	117	0	0
JRM_099	SCI_I3_S1	99 IMG 99 SPE	891	891	0	0
JRM_100	SCI_I2_S1	9 IMG 9 SPE	81	81	0	0
JRM_101	SCI_I3_S1	17 IMG 17 SPE	153	153	0	0
JRM_102	SCI_I3_S1	4 IMG 4 SPE	36	36	0	0
JRM_103	SCI_11_81	40 IMG 40 SPE	480	480	0	0

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e opo	Issue	1.0	20/	/04/2020
JUNO/JIRAM	Page	12	of	100

JRM_104	SCI_I1_S1	36 IMG	432	432	0	0
		36 SPE				
JRM_105	SCI_I1_S1	36 IMG	432	432	0	0
		36 SPE				
JRM_106	SCI_I1_S1	19 IMG	360	360	0	0
		19 SPE				
JRM_107	CAL_I1_S1	6 IMG	72	72	0	0
		6 SPE				

Table 2: Data Overview





JIR-IAPS-SY-004-2020

20/04/2020 Issue 1.0 Page

13 of 100

A.1 Commanding file (SASF)

CCSD3ZF000010000001NJPL3KS0L015\$\$MARK\$\$; MISSION_NAME = JUNO; SPACECRAFT NAME = JUNO; DATA_SET_ID = SPACECRAFT_ACTIVITY_SEQUENCE_JRM; FILE NAME = jm0201 JRMa.sasf; APPLICABLE_START_TIME = 2019-148T08:00:00.000; APPLICABLE STOP TIME = 2019-174T18:00:00.000; PRODUCT CREATION TIME = 2019-121T00:24:24.000; PRODUCER_ID = JRMTEAM; SEQ_ID = jm0201_JRMa; HOST_ID = JRM_CMD_201_201_V05.jrm; CCSD3RE00000\$\$MARK\$\$NJPL3IF0M0130000001; SPACECRAFT ACTIVITY SEQUENCE FILE ŚŚJNO ***** * PROJECT JNO *SPACECRAFT 61 *OPERATOR JEMTEAM *FILE_CMPLT TRUE Wed May 01 00:24:24 2019 *DATE 2019-148T08:00:00.000 *BEGIN 2019-174T18:00:00.000 *CUTOFF *jm0201 JRM, 2019-148T08:00:00.000 *EPOCHS_END *Input files used: *File Type Last modified File name *PACKETS NUMBER 6387 ******* ***** \$\$EOH ŚŚEOD request(JRM_Sequence_Management_Request, START_TIME, 2019-148108:00:00.000, TITLE, "JRM MAINTENANCE", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No Key") activity(1, SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START, SEQTRAN directive (VML START, 2001-001T00:00:00.000, 2030-001T00:00:00.000, "ABSLTE", "jm0201_JRM", "jm0201_JRM.abs", "d:/seq")), command(2, SCHEDULED TIME, \00:00:30\, FROM PREVIOUS START, FILE DELETE("d:/seq/jm0201 JRM.abs")) command(3, SCHEDULED TIME, \026T09:59:58\, FROM REQUEST START, VM LOAD(20, "d:/seq/jm0202_JRM.abs")), end; request(JRM_001, START_TIME, 2019-148T10:25:04.000, TITLE, "jm0201_JRM_Heater_Op", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No_Key") command(1, SCHEDULED_TIME,\00:00\,FROM_REQUEST_START, THRM SET PT SEL("JIRAM OH", "OPERATIONAL")),

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 Issue
 1.0
 20/04/2020

 Page
 14
 of
 100

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command(2,
                 SCHEDULED_TIME,\00:00:01\,FROM_PREVIOUS_START,
THRM_SET_PT_SEL("JIRAM_DECON","OPERATIONAL")
        ),
        command(3,
                 SCHEDULED TIME, \03:10:00\, FROM PREVIOUS START,
                 THRM SET PT SEL("JIRAM ELECT BP", "OPERATIONAL")
        ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  ),
 end;
request(JRM_002,
                  START_TIME, 2019-148T15:46:04.000,
                  TITLE, "jm0201 JRM-POWER ON",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
            spawn(1,
                  SCHEDULED TIME, \00:00\, FROM REQUEST START,
                  REQ_ENGINE_ID,21,RT_on_board_block(jiram_pwr_on)
             ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \ NaN'' \
             ),
 end:
request(JRM 003,
                  START_TIME,2019-148T15:48:47.000,
                  TITLE, "jm0201_JRM_StandBy",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME,\00:00\,FROM_REQUEST_START,
                 JRM SET PAR(111,2)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STANDBY ("ON", "ON", "ON")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI 12 S3",120,1,10,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,956,2,150,"LOW","LOW
", "POINT", -57343, 2, 150, "LOW", "LOW", "SPIN", 0, "NO SUMMED SCI")
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \ \ Na\overline{N}''
             ),
 end;
request(JRM 004,
                  START TIME, 2019-148T15:48:59.000,
                  TITLE, "jm0201_JRM_Calibration",
                  REQUESTOR, "JRMTEAM",
                  PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM CAL PAR(8,14,8,14,30,700,30,700,30,700,30,700,30,700,200,200,153,153)
            ),
         command (2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
```

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 Issue
 1.0
 20/04/2020

 Page
 15
 of
 100

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),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM CALIBRATION ("CAL I1 S1", "IDIS SDIS", "DISABLE", 1, "LAMP 1")
            ),
         command(5,
                  SCHEDULED TIME, \00:04:00\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
         command(6,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
            ),
             note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"NaN"\
              ),
 end;
request(JRM_005,
                   START_TIME,2019-148T15:58:15.000,
                   TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
            ),
         command (4.
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(5,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
            ),
         command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
            ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
```

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20/04/2020 Issue 1.0 Page 16

of 100

```
JRM_SCIENCE()
             ),
          command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
          command(13,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM SET PAR(92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 20 001 Approach 2019-148T15:58:15.000"\
              ),
 end:
request(JRM_006,
                   START_TIME,2019-148T16:08:15.000,
                   TITLE, "jm0201_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
             ),
         command(2,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command (3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
            ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
         command (5.
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(6,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(11,
```

	Alans	JIR-I	APS-S	SY-00	4-2020
		Issue	1.0	20/04	/2020
	JUNO/JIRAM	Page	17	of	100
JRM_SCIENCE()	\00:00:02FROM_PREVIOUS_START,				
), command(12, SCHEDULED_TIME, JRM_STOP_HS_RE(<pre>\00:01:12FROM_PREVIOUS_START, C()</pre>				
), command(13, SCHEDULED_TIME, JRM SET PAR(92,	\00:00:04FROM_PREVIOUS_START, .8174)				
), command(14, SCHEDULED_TIME,	,\00:00:04FROM_PREVIOUS_START,				
JRM_ERROR_LOG()), note(1, SCHEDULED TIM	E,\00:00:04FROM PREVIOUS START,				
TEXT,\"RAD+CAI), end;	5"\				
request(JRM 007,					
START_TIME,201	19-148T16:28:15.000, 1_JRM_Science", RMTEAM", C2",				
KEY, "No_Key") command(1,	,\00:00:00FROM_REQUEST_START,				
), command(2,	<pre>、\00:00:04FROM_PREVIOUS_START,</pre>				
<pre>JRM_SCI_PAR("SCI_I1_S1",1,1,0, ,28991,5000,5000,"LOW","LOW","</pre>	"IDIS_SDIS","HSSL","ENABLE","RN","DISA POINT",-57025,"NO_SUMMED_SCI")	BLE",0,0,0,0,"L	OW","I	JOW","I	POINT"
command(3,	<pre>\00:00:04FROM_PREVIOUS_START, 00)</pre>				
), command(4, SCHEDULED_TIME, JRM_START_HS_RI	.\00:00:04FROM_PREVIOUS_START, EC()				
), command(5, SCHEDULED_TIME, JRM SCIENCE()	,\00:00:02FROM_PREVIOUS_START,				
), command(6,	,\00:01:12FROM_PREVIOUS_START,				
,28991,5000,5000,"LOW","LOW","	"IDIS_SDIS","HSSL","ENABLE","RN","DISA POINT",-57025,"NO_SUMMED_SCI")	BLE",0,0,0,0,"L	OW","I	.OW","]	POINT"
JRM_GET_PAR(600	,\00:00:04FROM_PREVIOUS_START, 00)				
JRM_SCIENCE()	,\00:00:02FROM_PREVIOUS_START,				
), command(9, SCHEDULED_TIME,	,\00:01:12FROM_PREVIOUS_START,				
,28991,5000,5000,"LOW","LOW","	"IDIS_SDIS","HSSL","ENABLE","RN","DISA POINT ["] ,-57025,"NO_SUMMED_SCI")	BLE",0,0,0,0,"L	OW","I	OW","]	POINT"
), command(10, SCHEDULED_TIME, JRM GET PAR(600	,\00:00:04FROM_PREVIOUS_START,				

				206		JIR-I	APS-S	SY-00	4-2020
			ent	μJ		Issue	1.0	20/04	/2020
			JUNO/	JIRAM		Page	18	of	100
command(11	,								
	EDULED_TIME _SCIENCE()	⊑,\00:00:02\	,FROM_PREVI	OUS_START,					
command(12 SCF JRN			,FROM_PREVI	OUS_START,					
JRM			,FROM_PREVI	OUS_START,					
			,FROM_PREVI	OUS_START,					
			4FROM_PREV	IOUS_START,	,				
), end;	, (1010 - 01								
request(JRM_008,									
T] RE									
	Y, "No_Key"								
SCH	EDULED_TIME SET_PAR(92		, FROM_REQUE	ST_START,					
), command(2,									
	—		,FROM_PREVI	—					
JRM_SCI_PAR("SCI_I ,28991,5000,5000,"					,"DISABLE",(0,0,0,0,"L	OW","I	OW","E	POINT"
	EDULED_TIME		,FROM_PREVI	OUS_START,					
	EDULED_TIME		,FROM_PREVI	OUS_START,					
), command(5, SCF			,FROM_PREVI	OUS_START,					
), command(6,	_	E,\00:01:12\	FROM_PREVI	OUS_START,					
JRM_SCI_PAR("SCI_I ,28991,5000,5000,":),					,"DISABLE",(0,0,0,0,"L	OW","I	OW","E	POINT"
command(7, SCH	EDULED_TIME GET_PAR(60		,FROM_PREVI	OUS_START,					
command(8, SCH JRN	EDULED_TIME _SCIENCE()	⊑,\00:00:02\	FROM_PREVI	OUS_START,					
), command(9, SCF	EDULED_TIME	E,\00:01:12\	,FROM_PREVI	OUS_START,					
JRM_SCI_PAR("SCI_I ,28991,5000,5000,":					,"DISABLE",(0,0,0,0,"L	OW","I	OW","E	POINT"
), command(10				—					



 Issue
 1.0
 20/04/2020

 Page
 19
 of
 100

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),
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(12,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
             ),
          command (13.
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                   JRM SET PAR(92,8174)
             ),
          command(14,
                   SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM 009,
                    START_TIME, 2019-148T17:08:15.000,
                    TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1,
                   SCHEDULED TIME, \00:00\, FROM REQUEST START,
                  JRM_SET_PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command (3.
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR(6000)
             ),
          command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                   JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
             ),
          command(10,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
```

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Issue Page
 1.0
 20/04/2020

 20
 of
 100

20/04/2020

```
JRM GET PAR(6000)
            ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(12,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                  JRM STOP HS REC()
            ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
            ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
            ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL" \
              ),
 end:
request(JRM 010,
                   START TIME, 2019-148T17:28:15.000,
                   TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
            ),
         command (2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
            ),
         command (4.
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
            ),
         command(5,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
            ).
         command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
            ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
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				anc		JIR-I	APS-S	5 Y-0 0	4-2020
			E	aha		Issue	1.0	20/04	/2020
			JUNC)/JIRAM		Page	21	of	100
	CHEDULED_TIME, RM_GET_PAR(600		FROM_PREV	/IOUS_START,					
	11, CCHEDULED_TIME, RM_SCIENCE()	\00:00:02	FROM_PRE\	/IOUS_START,					
command(S	12, CHEDULED_TIME, RM_STOP_HS_REC		FROM_PRE\	/IOUS_START,					
command(S	13, CHEDULED_TIME, RM_SET_PAR(92,		FROM_PREV	/IOUS_START,					
	14, SCHEDULED_TIME, IRM_ERROR_LOG()		FROM_PREV	/IOUS_START,					
note	(1, SCHEDULED_TIME TEXT,\"RAD+CAI		4FROM_PRE	EVIOUS_START	,				
end;									
command (S	START_TIME,201 TITLE, "jm0201 REQUESTOR, "JF PROCESSOR, "VC KEY, "No_Key") 1, CHEDULED_TIME, RM SET PAR(92,	JRM_Scien MTEAM", 22", \00:00:00	nce",	JEST_START,					
), command(2,		V FROM DEFI						
JRM SCI PAR("SCI	CHEDULED_TIME,		—	—	"DISABIE" ()			™	>∩ T NIT "
,28991,5000,5000,),	_"LOW","LOW","H				, DIGHDED , o	,,,,,,,,,,	1011 / 1	, <u>1</u>	01111
	3, SCHEDULED_TIME, RM_GET_PAR(600		FROM_PREV	/IOUS_START,					
	4, CHEDULED_TIME, IRM_START_HS_RE		FROM_PREV	/IOUS_START,					
command(S	5, scheduled_time, rrm_science()	\00:00:02	FROM_PREV	/IOUS_START,					
command(6, CHEDULED_TIME,	\00:01:12	FROM_PREV	/IOUS_START,					
JRM_SCI_PAR("SCI ,28991,5000,5000,),					,"DISABLE",0),0,0,0,"1	LOW","I	OW","E	POINT"
command(S J	7, CHEDULED_TIME, IRM_GET_PAR(600		FROM_PREV	/IOUS_START,					
), command(S	8, CHEDULED TIME,	\00:00:02	FROM PREV	/IOUS START,					

SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START, JRM_SCIENCE()), command(9,

SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),

		JIR-L	APS-S	SY-(04-2020
		Issue	1.0	20/	04/2020
	JUNO/JIRAM	Page	22	of	100
JRM_GET_PAR(60	,\00:00:04FROM_PREVIOUS_START, 00)				
), command(11, SCHEDULED_TIME JRM_SCIENCE()),	,\00:00:02FROM_PREVIOUS_START,				
command(12,	<pre>,\00:01:12FROM_PREVIOUS_START, C()</pre>				
command(13, SCHEDULED_TIME JRM_SET_PAR(92),	,\00:00:04FROM_PREVIOUS_START, ,8174)				
JRM_ERROR_LOG(),	,\00:00:04FROM_PREVIOUS_START,)				
	E,\00:00:04FROM_PREVIOUS_START, ion_Sequence_20_002_Approach_2019-148T17:48	:15.000"\			
	C2",				
command(1, SCHEDULED_TIME JRM_SET_PAR(92	,\00:00:00FROM_REQUEST_START,				
), command(2, SCHEDULED_TIME	,\00:00:04FROM_PREVIOUS_START,				
<pre>JRM_SCI_PAR("SCI_I1_S1",1,1,0, ,28991,5000,5000,"LOW","LOW","),</pre>	"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE", POINT",-57025,"NO_SUMMED_SCI")	0,0,0,0,"L	OW","I	LOW",	"POINT"
command(3, SCHEDULED_TIME JRM_GET_PAR(60	<pre>,\00:00:04FROM_PREVIOUS_START, 00)</pre>				
JRM_START_HS_R	,\00:00:04FROM_PREVIOUS_START, EC()				
), command(5, SCHEDULED_TIME JRM_SCIENCE()),	,\00:00:02FROM_PREVIOUS_START,				
command(6,	,\00:01:12FROM_PREVIOUS_START,				
,28991,5000,5000,"LOW","LOW","	"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE", POINT",-57025,"NO_SUMMED_SCI")	0,0,0,0,"L	.0W","I	LOW",	"POINT"
), command(7, SCHEDULED_TIME JRM_GET_PAR(60),	<pre>,\00:00:04FROM_PREVIOUS_START, 00)</pre>				
command(8,	,\00:00:02FROM_PREVIOUS_START,				
command(9,	,\00:01:12FROM_PREVIOUS_START,				
JERM SCT PAR ("SCT T1 S1", 1, 1, 0,	"TDIS SDIS", "HSSL", "ENABLE", "RN", "DISABLE",	0.0.0.0."T	OW"."I	.OW" -	"POINT"

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")



 Issue
 1.0
 20/04/2020

 Page
 23
 of
 100

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),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(12,
                  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                  JRM STOP HS REC()
             ),
         command(13,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM SET PAR(92,8174)
             ),
         command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM 013,
                   START TIME, 2019-148T18:28:15.000,
                   TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
             ),
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
            ),
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
            ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
            ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
```

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	JUNO/JIRAM	Page	24	of	f 100

```
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
          command(11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(12,
                  SCHEDULED TIME, \00:01:12\, FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
             ),
          command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET_PAR(92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM 014,
                   START_TIME,2019-148T18:48:15.000,
                   TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
                   PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED_TIME,\00:00.00\,FROM_REQUEST_START,
                  JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(9,
```

M ians	JIR-L	APS-S	SY-	004-2020
e opo	Issue	1.0	20	/04/2020
JUNO/JIRAM	Page	25	of	100

```
SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
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JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
            ),
         command(11.
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(12,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                 JRM_STOP_HS_REC()
            ),
         command (13,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM_SET_PAR(92,8174)
            ),
         command(14,
                 SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
            ),
              note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM_015,
                   START_TIME, 2019-148T19:08:15.000,
                   TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                  SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_GET_PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
            ),
         command(8,
                  SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
```

	Mians	JIR-I	APS-S	SY-(004-2020
	e opo	Issue	1.0	20/	04/2020
	JUNO/JIRAM	Page	26	of	100
command(9,					

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SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(10,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
            ),
         command(11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
         command(12,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                  JRM STOP HS REC()
            ),
         command(13,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM SET_PAR(92,8174)
            ),
         command (14.
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
            ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \ \ RAD+CAL'' \
              ),
 end;
request(JRM_016,
                   START_TIME,2019-148T19:28:15.000,
                   TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
         command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM_SET_PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
            ),
         command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_START_HS_REC()
            ),
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
            ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
            ),
         command(8,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_SCIENCE()
```

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                                                  JUNO/JIRAM
                                                                                        Page
                                                                                                   27
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             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
          command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
             ).
          command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 20 003 Approach 2019-148T19:28:15.000"\
              ),
 end:
request(JRM_017,
                   START TIME, 2019-148T19:48:15.000,
                   TITLE, "jm0201_JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command (3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
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JIR-IAPS-SY-004-2020
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                  JRM_SCIENCE()
             ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED_SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
             ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL" \
              ),
 end;
request(JRM 018,
                   START_TIME,2019-148T20:08:15.000,
                   TITLE, "jm0201_JRM_Science",
                   REQUESTOR, "JRMTEAM",
                   PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM_SET_PAR(92,153)
             ),
         command(2.
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ).
         command (5,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(8,
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                                                                                                  29
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                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10.
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
         command(11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(12,
                  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
             ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
             ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL" \
              ),
 end;
request(JRM 019,
                   START_TIME,2019-148T20:28:15.000,
                   TITLE, "jm0201_JRM_Science",
                   REQUESTOR, "JRMTEAM",
                   PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET \overline{PAR}(92, 153)
             ),
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
         command(5,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
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 JUNO
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                                                                                            30
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         command (8,
                 SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(12,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_SET_PAR(92,8174)
            ),
         command(14,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"RAD+CAL" \
             ),
 end;
request(JRM_020,
                  START_TIME, 2019-148T20:48:15.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
           ).
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
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JIR-IAPS-SY-004-2020
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 JUNC
                                              JUNO/JIRAM
                                                                                 Page
                                                                                            31
                                                                                                 of
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            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(9,
                SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_GET_PAR(6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SET PAR(92,8174)
            ),
         command(14,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"RAD+CAL"\
             ),
 end;
request(JRM 021,
                  START TIME, 2019-148T21:08:15.000,
                  TITLE, "jm0201_JRM_Science",
                 REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
           ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ).
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_START_HS_REC()
            ),
         command(5,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
           ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
```

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JIR-IAPS-SY-004-2020
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                                                                                        Issue
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 JUNC
                                                  JUNO/JIRAM
                                                                                        Page
                                                                                                   32
                                                                                                         of
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                  JRM GET PAR(6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
          command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
          command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   TEXT, \"RAD+CAL" \
              ),
 end;
request(JRM 022,
                   START_TIME,2019-148T21:28:15.000,
                   TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1.
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ).
          command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
             ),
          command(5,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
```

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JIR-IAPS-SY-004-2020
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                                                                                    Issue
                                                                                               1.0
 JUNO
                                                JUNO/JIRAM
                                                                                    Page
                                                                                               33
                                                                                                     of
                                                                                                            100
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_GET_PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command (12,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SET PAR(92,8174)
            ),
         command(14,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04 \, FROM PREVIOUS START,
                  TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM_023,
                  START_TIME,2019-148T21:38:15.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
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JIR-IAPS-SY-004-2020
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 JUNO
                                                JUNO/JIRAM
                                                                                    Page
                                                                                                34
                                                                                                     of
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         command (7,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
            ),
         command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
            ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
         command (12.
                  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
            ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM SET PAR(92,8174)
            ),
         command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
            ),
             note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation_Sequence_20_004_GoodPxMap_2019-148T21:38:15.000"\
              ),
 end;
request(JRM 024,
                   START TIME, 2019-148T21:43:15.000,
                   TITLE, "jm0201_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
            ),
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
            ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
            ),
         command(5,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
```

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED_SCI")





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),
         command (7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(9.
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
            ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(12,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SET PAR(92,8174)
            ),
         command(14,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
             note(1,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   TEXT, \"Radiation_Sequence_20_005_GoodPxMap_2019-148T21:43:15.000"\
              ),
 end:
request(JRM 025,
                   START_TIME,2019-148T21:48:15.000,
                  TITLE, "jm0201_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
            ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
            ),
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
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Mans	JIR-I	JIR-IAPS-SY-004-2020				
	Issue	1.0	20/	/04/2020		
JUNO/JIRAM	Page	36	of	100		

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JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command (7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(8,
                   SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                   JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                   SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM GET PAR(6000)
             ),
          command(11.
                   SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                   JRM_SCIENCE()
             ),
          command(12,
                   SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                   JRM STOP HS REC()
             ),
          command(13,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM_SET_PAR(92,8174)
             ),
          command(14,
                   SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
             ),
              note(1,
                    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                    TEXT, \"Radiation_Sequence_20_006_GoodPxMap_2019-148T21:48:15.000"\
               ),
 end;
request(JRM_026,
                    START_TIME,2019-148T21:53:15.000,
                    TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   JRM SET \overline{PAR}(92, 153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR(6000)
             ),
          command(4,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM_START_HS_REC()
             ),
          command(5,
                   SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                   JRM SCIENCE()
             ),
          command(6,
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June Juno/JIRAM	JIR-IAPS-SY-004-2020				
		Issue	1.0	20	/04/2020
	JUNO/JIRAM	Page	37	of	100

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SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
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JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
            ),
         command(8.
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ).
         command(11,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
            ),
         command (13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
            ),
         command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
            ),
             note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 20 007 GoodPxMap 2019-148T21:53:15.000" \
             ),
 end;
request(JRM_027,
                   START TIME, 2019-148T21:58:15.000,
                   TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM_SET_PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
            ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
            ),
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
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	Issue	1.0	20/	04/2020
JUNO/JIRAM	Page	38	of	100

command (6,

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SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SET PAR(92,8174)
            ),
         command(14,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Radiation Sequence 20 008 GoodPxMap 2019-148T21:58:15.000"\
             ),
 end:
request(JRM 028,
                  START TIME, 2019-148T22:03:15.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(5,
                 SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM_SCIENCE()
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JIR-IAPS-SY-004-2020
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                                                                                                         20/04/2020
                                                                                        Issue
                                                                                                   1.0
                                                  JUNO/JIRAM
                                                                                        Page
                                                                                                   39
                                                                                                         of
                                                                                                                 100
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
          command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
             ),
          command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_ERROR_LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 20 009 GoodPxMap 2019-148T22:03:15.000"\
              ),
 end:
request(JRM 029,
                   START_TIME,2019-148T22:08:15.000,
                   TITLE, "jm0201_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
          command (5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
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JIR-IAPS-SY-004-2020
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                                                                                                 20/04/2020
                                                                                 Issue
                                                                                            1.0
 JUNC
                                              JUNO/JIRAM
                                                                                 Page
                                                                                            40
                                                                                                 of
                                                                                                        100
                 JRM_SCIENCE()
            ),
         command(6,
                SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
           ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(8,
                SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                JRM_SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
           ),
         command(10.
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_GET_PAR(6000)
            ),
         command(11,
                 SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command (12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command (13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_SET_PAR(92,8174)
            ),
         command(14,
                SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_ERROR_LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Radiation_Sequence_20_010_GoodPxMap_2019-148T22:08:15.000"\
             ),
 end;
request(JRM 030,
                  START_TIME,2019-148T22:13:15.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(5,
```

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JIR-IAPS-SY-004-2020
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                                                                                                        20/04/2020
                                                                                                   1.0
                                                                                       Issue
 JUNC
                                                  JUNO/JIRAM
                                                                                       Page
                                                                                                   41
                                                                                                        of
                                                                                                                100
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
         command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(9,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED_SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
         command (12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
         command(13,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_SET_PAR(92,8174)
             ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT,\"Radiation_Sequence_20_011_GoodPxMap_2019-148T22:13:15.000"\
              ),
 end;
request(JRM_031,
                   START_TIME, 2019-148T22:18:15.000,
                   TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
             ),
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
```

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JIR-IAPS-SY-004-2020
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                                                                                    Issue
                                                                                               1.0
 JUNC
                                                JUNO/JIRAM
                                                                                    Page
                                                                                               42
                                                                                                     of
                                                                                                            100
         command (5,
                 SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(12,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SET PAR(92,8174)
            ),
         command(14,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Radiation Sequence 20 012 GoodPxMap 2019-148T22:18:15.000"\
             ),
 end;
request(JRM 032,
                  START TIME, 2019-148T22:28:15.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
```

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JIR-IAPS-SY-004-2020
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                                                                                                         20/04/2020
                                                                                       Issue
                                                                                                   1.0
 JUNQ
                                                  JUNO/JIRAM
                                                                                       Page
                                                                                                   43
                                                                                                         of
                                                                                                                100
             ),
          command (5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
             ),
          command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
          command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end:
request(JRM 033,
                   START TIME, 2019-148T22:48:15.000,
                   TITLE, "jm0201_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM_SET_PAR(92,153)
             ),
          command(2,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command (4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
```

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JIR-IAPS-SY-004-2020
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                                                                                                     20/04/2020
                                                                                    Issue
                                                                                               1.0
 JUNC
                                                JUNO/JIRAM
                                                                                    Page
                                                                                               44
                                                                                                     of
                                                                                                            100
                 JRM START HS REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
         command (12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_SET_PAR(92,8174)
            ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
            ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM 034,
                   START_TIME, 2019-148T23:08:15.000,
                   TITLE, "jm0201_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED_TIME,\00:00\,FROM_REQUEST_START,
                  JRM SET PAR (92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
            ),
         command(4,
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JIR-IAPS-SY-004-2020
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                                                                                                     20/04/2020
                                                                                    Issue
                                                                                               1.0
 JUNO
                                                JUNO/JIRAM
                                                                                    Page
                                                                                                     of
                                                                                                            100
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                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_START_HS_REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(8,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command (11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command (12,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
            ),
         command (13.
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
            ),
         command(14,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
            ),
             note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM_035,
                   START_TIME, 2019-148T23:28:15.000,
                   TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04 \, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
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JIR-IAPS-SY-004-2020
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 JUNO
                                                  JUNO/JIRAM
                                                                                       Page
                                                                                                         of
                                                                                                                100
                                                                                                   46
          command (4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
             ),
          command(9,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command (12,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                  JRM STOP HS REC()
            ),
          command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
             ),
          command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM_036,
                   START_TIME, 2019-148T23:48:15.000,
                   TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM_SET_PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ).
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
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JIR-IAPS-SY-004-2020

 Issue
 1.0
 20/04/2020

 Page
 47
 of
 100

JUNO/JIRAM

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),
          command(4,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM START HS REC()
             ),
          command(5,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM SCIENCE()
             ),
          command (6.
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR(6000)
             ),
          command(8,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM SCIENCE()
             ),
          command(9,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM_GET_PAR(6000)
             ),
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(12,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                   JRM STOP HS REC()
             ),
          command(13,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM SET PAR(92,8174)
             ),
          command(14,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM ERROR LOG()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"RAD+CAL"\
              ),
 end:
request(JRM_037,
                    START TIME, 2019-148T23:58:15.000,
                    TITLE, "jm0201_JRM_Science",
                    REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   JRM SET PAR(92,153)
             ),
          command(2,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
             ),
          command(3,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
```

Juno	



JIR-IAPS-SY-004-2020

20/04/2020 Issue 1.0 Page

48 of 100

```
JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","FOINT",28991,5000,5000,"LOW","LOW","FOINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
            ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
            ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 20 013 Approach 2019-148T23:58:15.000"\
              ),
 end;
request(JRM 038,
                   START_TIME,2019-149T00:08:15.000,
                   TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
                   PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM SET \overline{PAR}(92, 153)
            ),
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
```

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JIR-IAPS-SY-004-2020
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                                                                                    Issue
                                                                                               1.0
 JUNO
                                                JUNO/JIRAM
                                                                                    Page
                                                                                               49
                                                                                                     of
                                                                                                            100
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_GET_PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(6,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command (10,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
            ),
         command (11,
                 SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command (12.
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SET PAR(92,8174)
            ),
         command(14,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_ERROR_LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM 039,
                  START_TIME, 2019-149T00:28:15.000,
                  TITLE, "jm0201_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM_SET_PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
```

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JIR-IAPS-SY-004-2020

20/04/2020 Issue 1.0 Page

50 of 100

command (3, SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START, JRM GET PAR(6000)), command(4, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM START HS REC()), command(5, SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START, JRM SCIENCE()), command(6, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")), command(7, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM GET PAR(6000)), command(8. SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START, JRM SCIENCE()), command (9, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT" ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED_SCI")), command(10, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM GET PAR(6000)), command (11, SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START, JRM SCIENCE()), command(12, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM STOP HS REC()), command(13, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM SET PAR(92,8174)), command(14, SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START, JRM ERROR LOG()), note(1, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, TEXT, \"RAD+CAL"\), end; request(JRM 040, START_TIME, 2019-149T00:48:15.000, TITLE, "jm0201 JRM Science", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No_Key") command(1, SCHEDULED TIME, \00:00\, FROM REQUEST START, JRM_SET_PAR(92,153)), command (2, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT" ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")





 Issue
 1.0
 20/04/2020

 Page
 51
 of
 100

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),
         command (3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
            ),
         command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_START_HS_REC()
            ),
         command (5,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ).
         command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
            ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
            ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
             ),
         command(14,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end:
request(JRM_041,
                   START_TIME,2019-149T00:58:15.000,
                   TITLE, "jm0201_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM SET PAR(92,153)
             ),
         command (2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
```

June Juno/JIRAM		JIR-I	JIR-IAPS-SY-004-2020		
	e opo	Issue	1.0	20/04/2020	
	JUNO/JIRAM	Page	52	of 100	

```
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
            ),
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (7.
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
             ),
         command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (10,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
            ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
            ),
         command (12.
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
            ),
         command(13,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_SET_PAR(92,8174)
             ),
         command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 20 014 Approach 2019-149T00:58:15.000"\
              ),
 end;
request(JRM_042,
                   START_TIME,2019-149T01:08:15.000,
                   TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
             ),
         command(2,
```

		JIR-IAPS-SY-004-2020			
JUNQ		Issue	1.0	20/	/04/2020
	JUNO/JIRAM	Page	53	of	100

```
SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
```

```
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(5,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SET PAR(92,8174)
            ),
         command(14,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_ERROR_LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"RAD+CAL"\
             ),
 end;
request(JRM 043,
                  START TIME, 2019-149T01:28:15.000,
                  TITLE, "jm0201_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(92,153)
            ),
```

E ians	JIR-I	JIR-IAPS-SY-004-2020			
e sopo	Issue	1.0	20/	/04/2020	
JUNO/JIRAM	Page	54	of	100	

command (2,

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SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SET PAR(92,8174)
            ),
         command(14,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"RAD+CAL"\
             ),
 end;
request(JRM 044,
                  START_TIME,2019-149T01:48:15.000,
                  TITLE, "jm0201_JRM_Science",
                  REQUESTOR, "JRMTEAM",
                  PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME,\00:00.00\,FROM_REQUEST_START,
                 JRM SET PAR(92,153)
```

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JIR-IAPS-SY-004-2020
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                                                                                        Issue
                                                                                                   1.0
                                                  JUNO/JIRAM
                                                                                        Page
                                                                                                         of
                                                                                                                 100
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             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_START_HS_REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
          command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10.
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
             ),
          command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM_045,
                   START_TIME,2019-149T01:58:15.000,
                   TITLE, "jm0201_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
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                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
            ),
         command (11,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(12,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                  JRM STOP HS REC()
            ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
            ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Radiation Sequence 20 015 Approach 2019-149T01:58:15.000"
              ),
 end;
request(JRM_046,
                  START_TIME, 2019-149T02:08:15.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
```

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 JUNC
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                                                                                               57
                                                                                                     of
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                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM_SET_PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
           ),
         command (3.
                 SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(5,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(6,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command (8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command (11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
            ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
            ).
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
            ),
              note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM 047,
                  START_TIME, 2019-149T02:28:15.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
```

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JIR-IAPS-SY-004-2020
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 JUNO
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                                                                                   Page
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         command (1,
                 SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command (5,
                 SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(6,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command (9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SET PAR(92,8174)
            ).
         command(14,
                 SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"RAD+CAL"\
             ),
 end:
request(JRM 048,
                  START TIME, 2019-149T02:48:15.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
                  PROCESSOR, "VC2",
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JIR-IAPS-SY-004-2020
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 JUNC
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                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
             ),
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(3,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
            ),
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
         command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
            ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
            ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
             ),
          command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL" \
              ),
 end;
request(JRM 049,
                   START_TIME, 2019-149T02:58:15.000,
                   TITLE, "jm0201_JRM_Science",
                   REQUESTOR, "JRMTEAM",
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JIR-IAPS-SY-004-2020
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 JUNO
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                                                                                   Page
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                  PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
           ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
            ),
         command (8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED_SCI")
            ),
         command(10.
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(12,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SET PAR(92,8174)
            ),
         command(14,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Radiation_Sequence_20_016_Approach_2019-149T02:58:15.000"\
              ),
 end;
request (JRM 050,
                  START_TIME,2019-149T03:08:15.000,
                  TITLE, "jm0201 JRM Science",
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 JUN
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                                                                                    Page
                                                                                                     of
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                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(4,
                 SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                 JRM_START_HS_REC()
            ),
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command (7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
            ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
            ),
         command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"RAD+CAL" \
              ),
 end;
request(JRM_051,
                  START_TIME, 2019-149T03:28:15.000,
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JIR-IAPS-SY-004-2020 JDS 20/04/2020 Issue 1.0 JUN JUNO/JIRAM Page 62 of 100 TITLE, "jm0201_JRM_Science", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No_Key") command(1, SCHEDULED TIME, \00:00:00\, FROM_REQUEST_START, JRM SET PAR(92,153)), command(2, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")), command(3, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM GET PAR(6000)), command(4, SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START, JRM START HS REC()), command (5. SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START, JRM SCIENCE()), command(6, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT" ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED_SCI")), command(7, SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START, JRM GET PAR(6000)), command (8, SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START, JRM SCIENCE()), command(9, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")), command (10, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM GET PAR(6000)), command(11, SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START, JRM SCIENCE()), command(12, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM STOP HS REC()). command (13, SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START, JRM_SET_PAR(92,8174)), command(14, SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START, JRM ERROR LOG()), note(1, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, TEXT, \"RAD+CAL" \), end;





20/04/2020 1.0 Issue Page

of 100 63

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START_TIME,2019-149T03:48:15.000,
                    TITLE, "jm0201_JRM_Science",
                    REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1,
                   SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                   JRM SET PAR(92,153)
             ),
          command(2,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR(6000)
             ),
          command(4,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM START HS REC()
             ).
          command (5,
                   SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                   JRM SCIENCE()
             ),
          command(6,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command (7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(8,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM_SCIENCE()
             ),
          command(9,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM_GET_PAR(6000)
             ),
          command(11,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM_SCIENCE()
             ),
          command(12,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                   JRM STOP HS REC()
             ),
          command(13,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM_SET_PAR(92,8174)
             ),
          command(14,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM ERROR LOG()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"RAD+CAL" \
              ),
 end;
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 Issue
 1.0
 20/04/2020

 Page
 64
 of
 100

request(JRM_053, START_TIME, 2019-149T04:08:15.000, TITLE, "jm0201_JRM_Science", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No Key") command(1, SCHEDULED_TIME,\00:00\,FROM_REQUEST_START, JRM SET PAR(92,153)), command(2, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")), command(3, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM GET PAR(6000)), command(4, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM START HS REC()), command(5, SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START, JRM SCIENCE()), command(6, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")), command (7, SCHEDULED TIME, \00:00:04 \, FROM PREVIOUS START, JRM_GET_PAR(6000)), command(8, SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START, JRM_SCIENCE()), command(9, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")), command(10, SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START, JRM GET PAR(6000)), command(11, SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START, JRM_SCIENCE()), command(12, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM STOP HS REC()), command(13, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM SET PAR (92,8174)), command(14, SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START, JRM_ERROR_LOG()), note(1, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, TEXT, \"RAD+CAL"\), end;

e aps
JUNO/JIRAM

JIR-IAPS-SY-004-2020

20/04/2020 Issue 1.0 Page

of 10065

```
request(JRM_054,
                   START_TIME,2019-149T04:28:15.000,
                   TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","FOINT",28991,5000,5000,"LOW","LOW","FOINT",-57025,"NO_SUMMED_SCI")
            ),
          command(3,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
             ),
          command (8.
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ).
          command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
             ),
          command(13,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM SET PAR(92,8174)
             ),
          command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation_Sequence_20_017_Approach_2019-149T04:28:15.000"\
              ),
```

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20/04/2020 Issue 1.0 Page

of 100 66

end;

```
request(JRM_055,
                    START TIME, 2019-149T04:48:15.000,
                    TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR(6000)
             ),
          command(4.
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM_START_HS_REC()
             ),
          command(5,
                   SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                   JRM SCIENCE()
             ),
          command(6,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
             ),
          command (7,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR(6000)
             ),
          command(8,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM_SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR(6000)
             ),
          command(11,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM SCIENCE()
             ).
          command (12,
                   SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                   JRM STOP HS REC()
             ),
          command(13,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM SET PAR(92,8174)
             ),
          command(14,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM ERROR LOG()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                    TEXT, \"RAD+CAL" \
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JIR-IAPS-SY-004-2020

JUNO/JIRAM

 Page
 67
 of
 100

end;

```
request(JRM 056,
                    START TIME, 2019-149T05:08:15.000,
                    TITLE, "jm0201 JRM Science",
                    REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1.
                   SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                   JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ).
          command(4,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM START HS REC()
             ),
          command(5,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM SCIENCE()
             ),
          command(6,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR(6000)
             ),
          command(8,
                   SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                   JRM SCIENCE()
             ),
          command (9,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM_GET_PAR(6000)
             ),
          command(11,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM SCIENCE()
             ),
          command(12,
                   SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                   JRM_STOP_HS_REC()
             ),
          command(13,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM_SET_PAR(92,8174)
             ),
          command(14,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM ERROR LOG()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
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	exiaps	JIR-IAPS-SY-004-2020				
JUNO		Issue	1.0	20	/04/2020	
	JUNO/JIRAM	Page	68	of	100	

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TEXT, \ \ RAD+CAL''
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end;
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),

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request(JRM 057,
                   START TIME, 2019-149T05:28:15.000,
                   TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
                   PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command (9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(12,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                   JRM STOP HS REC()
             ),
          command(13,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM_SET_PAR(92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
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	exiaps	JIR-IAPS-SY-004-2020				
JUN		Issue	1.0	20	/04/2020	
	JUNO/JIRAM	Page	69	of	100	

SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,

TEXT, \"RAD+CAL"\

),

end;

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request(JRM 058,
                   START_TIME,2019-149T05:38:15.000,
                   TITLE, "jm0201_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM_SET_PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
            ),
         command(5,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (7.
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
         command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
            ),
         command(12,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                  JRM STOP HS REC()
             ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
             ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_ERROR_LOG()
             ),
```

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JIR-IAPS-SY-004-2020
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 JUNC
                                                JUNO/JIRAM
                                                                                    Page
                                                                                               70
                                                                                                    of
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             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"Radiation_Sequence_20_018_Approach_2019-149T05:38:15.000"\
             ),
 end;
request(JRM 059,
                  START_TIME, 2019-149T05:48:15.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(92,153)
            ),
         command (2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (3.
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(4,
                 SCHEDULED_TIME,\00:00:04\,FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(5,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command (8.
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command (11,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(12,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SET PAR(92,8174)
            ),
         command(14.
                 SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
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JRM ERROR LOG()

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JIR-IAPS-SY-004-2020
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 JUNG
                                                JUNO/JIRAM
                                                                                    Page
                                                                                               71
                                                                                                     of
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            ),
             note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL" \
              ),
 end;
request(JRM_060,
                   START_TIME,2019-149T06:08:15.000,
                   TITLE, "jm0201_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command (5,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
            ),
         command (8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
            ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
            ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
```

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JIR-IAPS-SY-004-2020
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 JUNC
                                                   JUNO/JIRAM
                                                                                         Page
                                                                                                     72
                                                                                                          of
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                  JRM ERROR LOG()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"Radiation Sequence 20 019 Approach 2019-149T06:08:15.000"\
              ),
 end;
request(JRM 061,
                    START_TIME,2019-149T06:28:28.000,
TITLE, "jm0201_JRM_Science",
                    REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
          command(5,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR(6000)
             ),
          command (8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
          command(11,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM_SCIENCE()
             ),
          command(12,
                   SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                   JRM_STOP_HS_REC()
             ),
          command(13,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM SET PAR(92,8174)
             ),
          command(14,
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JIR-IAPS-SY-004-2020
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                                                                                              1.0
 JUN
                                               JUNO/JIRAM
                                                                                   Page
                                                                                              73
                                                                                                   of
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                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_ERROR_LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Radiation Sequence 20 020 ApprchAmalthea 2019-149T06:28:28.000"
             ),
 end;
request(JRM_062,
                  START_TIME,2019-149T06:48:26.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
                  PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_START_HS_REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(11,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_SET_PAR(92,8174)
            ),
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JIR-IAPS-SY-004-2020
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                                                                                            1.0
 JUNC
                                               JUNO/JIRAM
                                                                                 Page
                                                                                            74
                                                                                                  of
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         command(14,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_ERROR_LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04 \, FROM PREVIOUS START,
                  TEXT, \"Radiation_Sequence_20_021_ApprchHalo_2019-149T06:48:26.000"\
             ),
 end;
request(JRM_063,
                  START_TIME,2019-149T06:55:54.000,
                  TITLE, "jm0201_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM SET PAR(74,2000)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I2_S1",35,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,83,1000,5000,"LOW","LO
W", "POINT", -57343, 1000, 5000, "LOW", "LOW", "SPIN", 19075, "NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:18:45\, FROM_PREVIOUS_START,
                 JRM_ERROR_LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"IO"\
             ),
 end;
request(JRM 064,
                  START_TIME, 2019-149T07:14:59.000,
                  TITLE, "jm0201_Technical_Block",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(74,0)
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"Imager Delay Set to Zero"\
             ),
 end;
request(JRM 065,
                  START_TIME,2019-149T07:15:24.000,
                  TITLE, "jm0201_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(92,153)
```

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JIR-IAPS-SY-004-2020
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                                                                                  Issue
                                                                                             1.0
                                               JUNO/JIRAM
                                                                                  Page
                                                                                             75
                                                                                                   of
                                                                                                          100
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_START_HS_REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command(7,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SET PAR(92,8174)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"Radiation Sequence 20 022 EFPandAFP 2019-149T07:15:24.000"
             ),
 end;
request(JRM 066,
                  START TIME, 2019-149T07:18:23.000,
                  TITLE, "jm0201_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I3_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,478,5000,5000,"LOW","LO
W", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -1278, "NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_START HS_REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:03:46\, FROM PREVIOUS START,
                 JRM_ERROR_LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"Europa FP North"\
             ),
```



JUNO/JIRAM

JIR-IAPS-SY-004-2020

20/04/2020 Issue 1.0 Page

76 of 100

```
end;
```

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request(JRM_067,
                  START TIME, 2019-149T07:22:52.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI I3 S1",12,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,29,5000,5000,"LOW","LO
W", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", 2583, "NO SUMMED SCI")
            ),
         command(3,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(4.
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED_TIME, \00:06:52\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"IO FP North"\
             ),
 end;
request(JRM 068,
                  START_TIME,2019-149T07:30:51.000,
                  TITLE, "jm0201_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I3_S1",14,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW
","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-234,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:07:53\, FROM PREVIOUS START,
                 JRM_ERROR_LOG()
            ),
         command(6,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
```

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	Issue	1.0	20/	/04/2020
JUNO/JIRAM	Page	77	of	100

SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,

```
TEXT, \"Ganymede FP North" \
              ),
 end;
request(JRM 069,
                   START_TIME,2019-149T07:40:37.000,
                   TITLE, "jm0201_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM_SET_PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
            ),
         command(5,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (7.
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
         command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(9,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(10,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
            ),
         command(12,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                  JRM STOP HS REC()
             ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
             ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_ERROR_LOG()
             ),
```

		JIR-LA	JIR-IAPS-SY-004-202					
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	JUNO/JIRAM	Page	78	of	100			
	E,\00:00:04FROM_PREVIOUS_START, ion_Sequence_20_023_InbndtoSync_2019-14	9T07:40:37.000'	"\					
	C2",							
command(1,	,\00:00FROM_REQUEST_START,							
command(2,	,\00:00:04FROM_PREVIOUS_START,							
OW","POINT",-28672,5000,5000,"), command(3, SCHEDULED_TIME JRM_START_HS_R	,"IDIS_SDIS","HSSL","ENABLE","DARK","DI LOW","LOW","SPIN",14898,"NO_SUMMED_SCI" ,\00:00:04FROM_PREVIOUS_START, EC()	SABLE",0,113,5)	000,50	00,"I	LOW","L			
), command(4, SCHEDULED_TIME JRM_SCIENCE()),	,\00:00:04FROM_PREVIOUS_START,							
command(5,	,\00:05:50FROM_PREVIOUS_START,)							
command(6, SCHEDULED_TIME JRM_STOP_HS_RE),	<pre>,\00:00:04FROM_PREVIOUS_START, C()</pre>							
note(1,	E,\00:00:04FROM_PREVIOUS_START, p 1s"\							

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end;
request(JRM_071,
                     START_TIME,2019-149T07:51:49.000,
TITLE, "jm0201_JRM_Science",
                    REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                    KEY, "No_Key")
          command(1,
                    SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   JRM SET PAR(74,0)
              ),
          command(2,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,162,5000,5000,"LOW","LO
W","POINT",-28672,5000,5000,"LOW","LOW","SPIN",15988,"NO_SUMMED_SCI")
             ),
          command(3,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM_START_HS_REC()
              ),
          command(4,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM_SCIENCE()
              ),
          command(5,
                   SCHEDULED_TIME, \00:04:17\, FROM_PREVIOUS_START,
                   JRM_ERROR_LOG()
              ),
          command(6,
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),

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JIR-IAPS-SY-004-2020
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 JUN
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                                                                                       Page
                                                                                                  79
                                                                                                        of
                                                                                                               100
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04 \, FROM PREVIOUS START,
                   TEXT, \"Limb Up 1s"\
              ),
 end;
request(JRM_072,
                   START_TIME,2019-149T07:56:48.000,
                   TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                  SCHEDULED TIME, \00:00\, FROM REQUEST START,
                  JRM SET PAR(74,0)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,127,5000,5000,"LOW","LO
W","POINT",-28672,5000,5000,"LOW","LOW","SPIN",17046,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
          command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
             ),
          command(5,
                  SCHEDULED TIME, \00:04:17\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
          command(6,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Limb Up 1s"\
              ),
 end:
request(JRM 073,
                   START_TIME, 2019-149T08:01:47.000,
                   TITLE, "jm0201_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(74,0)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,27,5000,5000,"LOW","LOW
","POINT",-28672,5000,5000,"LOW","LOW","SPIN",17892,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(5,
                  SCHEDULED TIME, \00:04:17\, FROM PREVIOUS START,
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Ju			e opo		Issue	1.0	20/04	/2020		
			JUNO/JI	RAM	Page	80	of	100		
		JRM_ERROR_LOG (()							
), commanc	1(6,								
		SCHEDULED_TIME JRM STOP HS RE	<pre>c,\00:00:04FROM_PREVIOUS</pre>	_START,						
),									
	not	ce(1, SCHEDULED TIM	ME,\00:00:04FROM PREVIOU	S START,						
	,	TEXT,\"Limb U		_ /						
end;),									
request	(JRM 074	,								
-	_	START_TIME,20	19-149T08:08:43.000,							
		REQUESTOR, "J)1_JRM_Science", JRMTEAM",							
		PROCESSOR, "V KEY, "No_Key"	7C2",							
	command	d(1,								
		SCHEDULED_TIME JRM SET PAR(92	C,\00:00:00FROM_REQUEST_ 2.153)	START,						
),		, 200)							
	command		C,\00:00:04FROM_PREVIOUS	START,						
TDM OCT			,"IDIS_SDIS","HSSL","ENABL		0 0 0 0 "		OW! "			
,28991,	5000,500	0,"LOW","LOW","	"POINT",-57025,"NO_SUMMED_	SCI")	0,0,0,0,0,	1011,1	JOW ,			
), commanc	1(3.								
		SCHEDULED_TIME	c,\00:00:04FROM_PREVIOUS	START,						
),	JRM_GET_PAR(60	000)							
	command									
		JRM START HS F	C,\00:00:04FROM_PREVIOUS	_START,						
), commanc	1 (5								
	Commarie	SCHEDULED_TIME	c,\00:00:02FROM_PREVIOUS	_START,						
),	JRM_SCIENCE()								
	command									
		JRM STOP HS RE	C,\00:01:12FROM_PREVIOUS	_START,						
), commanc									
	Command		c,\00:00:04FROM_PREVIOUS	_START,						
),	JRM_SET_PAR(92	2,8174)							
	command									
		SCHEDULED_TIME JRM ERROR LOG(C,\00:00:04FROM_PREVIOUS	_START,						
),									
	not	ce(1, SCHEDULED_TIM	1E,\00:00:04FROM_PREVIOU	S_START,						
),		ion_Sequence_20_024_DarkF		8:43.000"\					
end;	//									
request	(JRM 075	,								
-		START_TIME,20)19-149T08:10:37.000,							
		REQUESTOR, "J)1_JRM_Science", JRMTEAM",							
		PROCESSOR, "V	7C2",							
	command	KEY, "No_Key" 1(1,	/							
		SCHEDULED_TIME JRM SET PAR(92	C,\00:00:00FROM_REQUEST_	START,						
),		., = = = ;							
	command		,\00:00:04FROM PREVIOUS	START.						
			-,	/						





 Issue
 1.0
 20/04/2020

 Page
 81
 of
 100

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),
         command (3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_START_HS_REC()
            ),
         command (5,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ).
         command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
            ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
             ),
         command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 20 025 NearMagEq 2019-149T08:10:37.000"\
              ),
 end:
request(JRM 076,
                   START_TIME,2019-149T08:15:13.000,
                   TITLE, "jm0201_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM_SET_PAR(74,0)
             ),
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
```

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J 0 11	JUNO/JIRAM	Page	82	of	100				

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JRM_SCI_PAR("SCI_I1_S1",10,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,250,5000,5000,"LOW","LOW","POINT",-43327,5000,5000,"LOW","LOW","SPIN",-14919,"NO_SUMMED_SCI")
             ),
          command(3,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM START HS REC()
             ),
          command(4,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM SCIENCE()
             ),
          command(5,
                   SCHEDULED TIME, \00:05:50\, FROM PREVIOUS START,
                   JRM_ERROR_LOG()
             ),
          command(6,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM STOP HS REC()
             ),
               note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"Limb Down 1s"\
               ),
 end;
request(JRM 077,
                    START_TIME,2019-149T08:21:41.000,
TITLE, "jm0201_JRM_Science",
                    REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                    KEY, "No_Key")
          command(1,
                   SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                   JRM SET PAR(74,0)
             ),
          command(2,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,342,5000,5000,"LOW","LOW","POINT",-28672,5000,5000,"LOW","LOW","SPIN",-12337,"NO_SUMMED_SCI")
             ),
          command(3,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM_START_HS_REC()
             ),
          command(4,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM SCIENCE()
             ),
          command(5,
                   SCHEDULED TIME, \00:04:17\, FROM PREVIOUS START,
                   JRM ERROR LOG()
             ),
          command(6,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM STOP HS REC()
             ),
               note(1,
                    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                    TEXT, \"Limb Down 1s"\
               ),
 end;
request(JRM 078,
                    START_TIME,2019-149T08:26:40.000,
                    TITLE, "jm0201_JRM_Science",
                    REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1,
                   SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                   JRM SET PAR(74,0)
```

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		J	UNO/JIRAM		Page	83	of	100		
), command(2,										
SCH	HEDULED_TIME,	\00:00:04FRO	M_PREVIOUS_START,							
JRM_SCI_PAR("SCI_I W","POINT",-28672,					,0,235,5	000,500	0,"LO	W","LO		
), command(3,										
	HEDULED_TIME, 1_START_HS_RH		M_PREVIOUS_START,							
command(4, SCH	HEDULED_TIME, 1 SCIENCE()	\00:00:04FRO	M_PREVIOUS_START,							
),										
	HEDULED_TIME, M_ERROR_LOG()		M_PREVIOUS_START,							
), command(6,										
SCI JRN	HEDULED_TIME, 1_STOP_HS_RE(M_PREVIOUS_START,							
	CHEDULED_TIM		OM_PREVIOUS_START	,						
TE), end;	XT,\"Limb Do	own 1s"\								
request(JRM 079,										
		19-149T08:31:39 L_JRM_Science",	.000,							
PI	CESSOR, "VO Y, "No_Key"	22",								
JRM	HEDULED_TIME, 1_SET_PAR(74,		M_REQUEST_START,							
), command(2,										
SCH	HEDULED_TIME	,\00:00:04FRO	M_PREVIOUS_START,							
JRM_SCI_PAR("SCI_I W","POINT",-28672,					,0,134,5	000,500	0,"LO	W","LO		
), command(3, SCF	HEDULED TIME,	,\00:00:04FRO	M PREVIOUS START,							
),	1_START_HS_RI	EC ()								
	HEDULED_TIME, 1_SCIENCE()	,\00:00:04FRO	M_PREVIOUS_START,							
), command(5,	_									
SCH JRN	HEDULED_TIME		M_PREVIOUS_START,							
), command(6,										
JRM	HEDULED_TIME, 1_STOP_HS_RE(M_PREVIOUS_START,							
), note(1 S0		E,\00:00:04\.FR	OM PREVIOUS START	,						
	XT,\"Limb Do			,						
end;										
request(JRM_080,										
		19-149T08:36:38 1 JRM Science",	.000,							

START_TIME,2019-149T08:36:38.00 TITLE, "jm0201_JRM_Science", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No_Key")

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JUNO
                                             JUNO/JIRAM
                                                                              Page
                                                                                         84
                                                                                              of
                                                                                                     100
        command (1,
                SCHEDULED_TIME,\00:00\,FROM_REQUEST_START,
                JRM SET PAR(74,0)
           ),
        command(2,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,64,5000,5000,"LOW","LOW
", "POINT", -28672, 5000, 5000, "LOW", "LOW", "SPIN", -7596, "NO SUMMED_SCI")
           ),
        command(3,
                SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                JRM START HS REC()
           ),
        command(4,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                JRM SCIENCE()
           ),
        command (5,
                SCHEDULED_TIME, \00:04:17\, FROM_PREVIOUS_START,
                JRM ERROR LOG()
           ),
        command(6,
                SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
           ),
            note(1,
                 SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                 TEXT, \"Limb Down 1s"\
            ),
end;
request(JRM_081,
                 START_TIME, 2019-149T08:41:37.000,
                 TITLE, "jm0201 JRM Science",
                 REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                 KEY, "No Key")
        command(1,
                SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                JRM_SET_PAR(74,0)
           ),
        command(2,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,29,5000,5000,"LOW","LOW
","POINT",-28672,5000,5000,"LOW","LOW","SPIN",-7159,"NO SUMMED SCI")
           ),
        command(3,
                SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                JRM START HS REC()
           ),
        command(4,
                SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                JRM_SCIENCE()
           ),
        command(5,
                SCHEDULED TIME, \00:04:17\, FROM PREVIOUS START,
                JRM ERROR LOG()
           ),
        command(6,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                JRM STOP HS REC()
           ),
            note(1,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 TEXT, \"Limb Down 1s"\
             ),
end;
request(JRM 082,
                 START_TIME,2019-149T08:46:37.000,
                 TITLE, "jm0201_JRM_Science",
```

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JIR-IAPS-SY-004-2020
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                                                                                               1.0
 JUN
                                                JUNO/JIRAM
                                                                                   Page
                                                                                               85
                                                                                                    of
                                                                                                           100
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",7,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,12,5000,5000,"LOW","LOW
","POINT",-28672,5000,5000,"LOW","LOW","SPIN",-6952,"NO_SUMMED SCI")
            ),
         command(3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED_TIME,\00:04:17\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Limb Down 1s"\
             ),
 end;
request(JRM 083,
                  START_TIME,2019-149T08:51:36.000,
                  TITLE, "jm0201_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR(74,0)
            ),
         command (2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,8,5000,5000,"LOW","LOW","POINT",-28672,5000,5000,"LOW","LOW","SPIN",-6856,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED_TIME, \00:04:17\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Limb Down 1s"\
             ),
 end;
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JUN	
1011	



JUNO/JIRAM

 Issue
 1.0
 20/04/2020

 Page
 86
 of
 100

request(JRM_084, START_TIME,2019-149T08:56:36.000, TITLE, "jm0201_JRM_Science", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No Key") command(1, SCHEDULED_TIME,\00:00\,FROM_REQUEST_START, JRM SET PAR(74,0)), command(2, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM SCI PAR("SCI I1 S1",17,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,5,5000,5000,"LOW","LOW ", "POINT", -28672, 5000, 5000, "LOW", "LOW", "SPIN", -6787, "NO_SUMMED_SCI")), command(3, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM_START_HS_REC()), command(4, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM_SCIENCE()), command(5, SCHEDULED TIME, \00:09:27\, FROM PREVIOUS START, JRM ERROR LOG()), command(6, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM_STOP_HS_REC()), note(1, SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START, TEXT, \"Limb Down 1s"\), end; request(JRM_085, START_TIME,2019-149T09:06:35.000, TITLE, "jm0201 JRM Science", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No Key") command(1. SCHEDULED_TIME,\00:00.00\, FROM_REQUEST_START, JRM SET PAR(74,0)), command(2, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM_SCI_PAR("SCI_I1_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,9,5000,5000,"LOW","LOW","POINT",-28672,5000,5000,"LOW","LOW","SPIN",-6687,"NO_SUMMED_SCI")), command(3, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM START HS REC()), command(4, SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START, JRM_SCIENCE()), command(5, SCHEDULED TIME, \00:04:17\, FROM PREVIOUS START, JRM ERROR LOG()), command(6, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM STOP HS REC()), note(1, SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START, TEXT, \"Limb Down 1s" \

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Issue 1.0 20/04/2020

JIR-IAPS-SY-004-2020

JUNO/JIRAM

Page 87 of 100

end;

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request(JRM 086,
                  START TIME, 2019-149T09:11:34.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1.
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",7,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,9,5000,5000,"LOW","LOW"
,"POINT",-28672,5000,5000,"LOW","LOW","SPIN",-6617,"NO SUMMED SCI")
           ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ).
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:04:17\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command (6,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"Limb Down 1s"\
             ),
 end:
request(JRM 087,
                  START_TIME,2019-149T09:16:34.000,
                 TITLE, "jm0201_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,12,5000,5000,"LOW","LOW
","POINT",-28672,5000,5000,"LOW","LOW","SPIN",-6545,"NO_SUMMED_SCI")
           ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command (4,
                 SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED_TIME, \00:04:17\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
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	JUNO/JIRAM	Page	88	of	100
note(1, SCHEDULED_TIM TEXT,\"Limb D),	E,\00:00:04FROM_PREVIOUS_START, own 1s"\				

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request(JRM 088,
                  START_TIME, 2019-149T09:21:34.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,14,5000,5000,"LOW","LOW
","POINT",-28672,5000,5000,"LOW","LOW","SPIN",-6461,"NO SUMMED SCI")
           ),
         command (3.
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED_TIME, \00:04:17\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"Limb Down 1s"\
             ),
 end;
request(JRM_089,
                  START_TIME, 2019-149T09:27:42.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(6,
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	JIR-L	APS-S	SY-004-2020
	Issue	1.0	20/04/2020
JUNO/JIRAM	Page	89	of 100

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SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
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JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
          command(8.
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
             ),
         command(9,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
             ),
         command(10,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_SET_PAR(92,8174)
             ),
          command(11,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation_Sequence_20_026_SPolarRegion_2019-149T09:27:42.000"\
              ),
 end;
request(JRM_090,
                   START_TIME, 2019-149T09:31:57.000,
                   TITLE, "jm0201 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                  SCHEDULED TIME, \00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
             ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM_GET_PAR(6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
             ),
```

		JIR-I	APS-S	5Y-(04-2020
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	JUNO/JIRAM	Page	90	of	100
command(9,	\00:01:12FROM PREVIOUS START,			<u> </u>	

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JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(10,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
         command(12,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
         command(13,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                 JRM SET_PAR(92,8174)
            ),
         command (14.
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_ERROR_LOG()
            ),
              note(1,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   TEXT, \"Radiation Sequence 20 027 SPolarRegion 2019-149T09:31:57.000"
              ),
 end;
request(JRM_091,
                   START_TIME,2019-149T09:36:27.000,
                   TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_GET_PAR(6000)
            ),
         command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_START_HS_REC()
            ),
         command(5,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
            ),
         command(8,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_SCIENCE()
```

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JIR-IAPS-SY-004-2020
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                                                                                                      20/04/2020
                                                                                     Issue
                                                                                                 1.0
                                                 JUNO/JIRAM
                                                                                     Page
                                                                                                 91
                                                                                                      of
                                                                                                              100
             ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
            ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
            ),
         command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
            ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 20 028 SPolarRegion 2019-149T09:36:27.000"
              ),
 end:
request(JRM_092,
                   START_TIME,2019-149T09:41:03.000,
                   TITLE, "jm0201_JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(74,2465)
             ),
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I2_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,391,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-1128,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
             ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ).
         command(5,
                  SCHEDULED TIME, \00:04:17\, FROM PREVIOUS START,
                  JRM_ERROR_LOG()
            ),
         command(6,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM STOP HS REC()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"South Pole" \
              ),
 end;
request(JRM_093,
                   START_TIME,2019-149T09:46:02.000,
```

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JIR-IAPS-SY-004-2020
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                                                                                              1.0
 JUN
                                               JUNO/JIRAM
                                                                                   Page
                                                                                              92
                                                                                                   of
                                                                                                          100
                  TITLE, "jm0201_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI I3 S1",23,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,215,5000,5000,"LOW","L
OW", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -4554, "NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED_TIME,\00:12:34\,FROM_PREVIOUS_START,
                 JRM_ERROR_LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"South Aurora" \
             ),
 end;
request(JRM_094,
                  START_TIME, 2019-149T09:59:02.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,2465)
            ),
         command (2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I2_S1",15,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,398,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-3334,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:08:26\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"South Pole"\
             ),
 end;
```

	solo Maria	Issue	1.0	20/0	04/2020
JUN	NO/JIRAM	Page	93	of	100

request(JRM 095,

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START_TIME,2019-149T10:08:01.000,
                   TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                  JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I3_S1",23,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,219,5000,5000,"LOW","L
OW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-4677,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_START_HS_REC()
            ),
         command(4,
                  SCHEDULED_TIME, \00:00:04 \, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
         command(5,
                  SCHEDULED TIME, \00:12:34\, FROM PREVIOUS START,
                  JRM ERROR LOG()
            ),
         command(6,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"South Aurora" \
              ),
 end;
request(JRM_096,
                   START_TIME, 2019-149T10:21:01.000,
                   TITLE, "jm0201_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(74,2465)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI 12 S1",15,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,400,75,5000,"LOW","LOW
", "POINT", -57343, 75, 5000, "LOW", "LOW", "SPIN", -3483, "NO SUMMED SCI")
            ),
         command (3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
            ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(5,
                  SCHEDULED TIME, \00:08:26\, FROM PREVIOUS START,
                  JRM ERROR LOG()
            ),
         command(6,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM STOP HS REC()
            ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
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	<i>e</i> aps	JIR-IAPS-SY-004-2020			
		Issue	1.0	20/	/04/2020
	JUNO/JIRAM	Page	94	of	100

TEXT, \"South Pole"\

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),
 end;
request(JRM 097,
                  START TIME, 2019-149T10:30:00.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
                  PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR(74,0)
           ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I3_S1",19,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,218,5000,5000,"LOW","L
OW", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -4117, "NO SUMMED SCI")
           ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
           ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:10:30\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"South Aurora"\
             ),
 end;
request(JRM_098,
                  START_TIME,2019-149T10:41:00.000,
                  TITLE, "jm0201_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM_SET_PAR(74,2465)
            ),
         command (2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI 12 S1",13,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,398,75,5000,"LOW","LOW
", "POINT", -57343, 75, 5000, "LOW", "LOW", "SPIN", -3100, "NO SUMMED SCI")
           ),
         command (3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_START_HS_REC()
            ),
         command(4,
```

SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,

SCHEDULED_TIME, \00:07:24\, FROM_PREVIOUS_START,

SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,

JRM SCIENCE()

JRM ERROR LOG()

JRM STOP HS REC()

), command(5,

), command(6,

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JIR-IAPS-SY-004-2020
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                                                                                   Issue
                                                                                              1.0
 JUNG
                                                JUNO/JIRAM
                                                                                   Page
                                                                                              95
                                                                                                    of
                                                                                                           100
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"South Pole"\
             ),
 end;
request(JRM_099,
                  START_TIME,2019-149T10:49:00.000,
                  TITLE, "jm0201_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI I3 S1",19,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,215,5000,5000,"LOW","L
OW", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -3950, "NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (5,
                 SCHEDULED_TIME, \00:10:30\, FROM_PREVIOUS_START,
                 JRM_ERROR_LOG()
            ),
         command(6,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"South Aurora" \
             ),
 end;
request(JRM_100,
                  START TIME, 2019-149T10:59:59.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,2465)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I2_S1",9,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,393,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-2414,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_START HS_REC()
            ),
         command (4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (5,
                 SCHEDULED TIME, \00:05:19\, FROM PREVIOUS START,
                 JRM_ERROR_LOG()
            ),
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JIR-IAPS-SY-004-2020
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 JUNQ
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                                                                                Page
                                                                                           96
                                                                                                of
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         command (6,
                SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                JRM STOP HS REC()
            ),
             note(1,
                 SCHEDULED TIME, \00:00:04 \, FROM PREVIOUS START,
                 TEXT, \"South Pole" \
             ),
 end;
request(JRM_101,
                 START_TIME,2019-149T11:05:59.000,
                 TITLE, "jm0201_JRM_Science",
                 REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                 KEY, "No Key")
         command(1,
                SCHEDULED TIME, \00:00\, FROM REQUEST START,
                JRM SET PAR(74,0)
            ),
         command(2,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI I3 S1",17,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,210,5000,5000,"LOW","L
OW", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -3663, "NO_SUMMED_SCI")
            ),
         command(3,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS START,
                JRM START HS REC()
            ),
         command(4,
                SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                JRM SCIENCE()
            ),
         command(5,
                SCHEDULED TIME, \00:09:27\, FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
           ),
         command(6,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                JRM STOP HS REC()
            ),
             note(1,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 TEXT, \"South Aurora" \
             ),
 end;
request(JRM 102,
                 START_TIME, 2019-149T11:15:59.000,
                 TITLE, "jm0201_JRM_Science",
                 REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                 KEY, "No_Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                JRM SET PAR(74,0)
            ),
         command (2,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I3_S1",4,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,212,5000,5000,"LOW","LO
W", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -3333, "NO_SUMMED_SCI")
           ),
         command(3,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                JRM SCIENCE()
            ),
         command(5,
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JIR-IAPS-SY-004-2020
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 JUNC
                                                JUNO/JIRAM
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                                                                                               97
                                                                                                    of
                                                                                                           100
                 SCHEDULED TIME, \00:02:44\, FROM PREVIOUS START,
                 JRM_ERROR_LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"South Aurora" \
             ),
 end;
request(JRM 103,
                  START_TIME,2019-149T11:20:58.000,
                  TITLE, "jm0201 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(74,0)
            ).
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",40,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,22,5000,5000,"LOW","LO
W","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2977,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:21:20\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Limb Dark South"\
             ),
 end:
request(JRM 104,
                  START TIME, 2019-149T11:42:58.000,
                  TITLE, "jm0201_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,0)
            ),
         command (2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",36,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,45,5000,5000,"LOW","LO
W", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -2235, "NO_SUMMED SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
```

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JIR-IAPS-SY-004-2020
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                                                                                                20/04/2020
                                                                                Issue
                                                                                          1.0
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                                                                                Page
                                                                                          98
                                                                                                of
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                JRM_SCIENCE()
            ),
         command(5,
                SCHEDULED TIME, \00:19:16\, FROM PREVIOUS START,
                JRM ERROR LOG()
            ),
         command(6,
                SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                JRM STOP HS REC()
            ),
             note(1,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 TEXT, \"Limb Dark South"\
             ),
 end:
request(JRM 105,
                 START TIME, 2019-149T12:02:57.000,
                 TITLE, "jm0201_JRM_Science",
                 REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                 KEY, "No Key")
         command(1.
                SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                JRM_SET_PAR(74,0)
            ),
         command(2,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",36,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,11,5000,5000,"LOW","LO
W", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -245, "NO_SUMMED_SCI")
           ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                JRM START HS REC()
            ),
         command (4,
                SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                JRM SCIENCE()
           ),
         command(5,
                 SCHEDULED TIME, \00:19:16\, FROM PREVIOUS START,
                JRM ERROR LOG()
            ),
         command (6,
                SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                JRM STOP HS REC()
            ),
             note(1,
                 SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                 TEXT, \"Limb Dark South" \
             ),
 end;
request(JRM_106,
                 START_TIME,2019-149T12:22:56.000,
                 TITLE, "jm0201 JRM Science",
                 REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                 KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR(74,0)
            ),
         command(2,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",30,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW
","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-34,"NO SUMMED SCI")
           ),
         command(3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
```

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JUNO/JIRAM

20/04/2020 Issue 1.0 Page 99 of 100

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),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED_TIME, \00:16:09\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"Limb Dark South" \
             ),
 end;
request(JRM_107,
                  START_TIME,2019-149T12:39:25.000,
                  TITLE, "jm0201 JRM Calibration",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME,\00:00\,FROM_REQUEST_START,
JRM_CAL_PAR(8,14,8,14,30,700,30,700,30,700,30,700,30,700,200,200,153,153)
            ),
         command(2,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_GET_PAR(6000)
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM CALIBRATION ("CAL I1 S1", "IDIS SDIS", "DISABLE", 1, "LAMP 1")
            ),
         command(5,
                 SCHEDULED_TIME, \00:04:00\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
         command (6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"NaN"\
             ),
 end;
request(JRM_108,
                  START_TIME, 2019-149T12:43:45.000,
                  TITLE, "jm0201_JRM-POWER_OFF",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
     command(1,
                  SCHEDULED TIME, \00:00\, FROM REQUEST START,
                  VM LOAD(21,"d:/seq/hlfp spm safe jiram.mod")
             ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"NaN"\
             ),
 end;
request(JRM_109,
                  START_TIME,2019-149T12:44:01.000,
```

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JIR-IAPS-SY-004-2020

JUNO/JIRAM

20/04/2020 1.0 Issue Page

of 100 100

TITLE, "jm0201_JRM_Heater_Op", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No_Key") command(1, SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START, THRM_SET_PT_SEL("JIRAM_OH","NON_OPERATIONAL")), command(2, SCHEDULED_TIME,\00:00:01\,FROM_PREVIOUS_START, THRM_SET_PT_SEL("JIRAM_DECON","NON_OPERATIONAL")), command(3, SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START, THRM_SET_PT_SEL("JIRAM_ELECT_BF","NON_OPERATIONAL")),

end;

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