



Juno JIRAM

Report JM0091

JIR-IAPS-SY-009-2018

Version 1.0

May 30, 2018

Prepared by:

R. Noschese, A. Cicchetti, R. Sordini, H. N. Becker, A. Mura, S. Brooks

Approved by:

A. Adriani

		JIR-IAPS-SY-009-2018		
		Issue	1.0	30/05/18
	JUNO/JIRAM		Page	2

Table of Contents

1	INTRODUCTION.....	3
2	REFERENCES.....	3
3	ACTIVITY DESCRIPTION.....	3
4	RADIATIONS ACQUISITION.....	7
5	SCIENTIFIC GOALS	8
6	DATA COLLECTION OVERWIER	10
	A.1 Commanding file (saf)	13

List of Figures

Figure 1:	<i>North Poles Coverage - Imager filterM.</i>	4
Figure 2:	<i>North Poles Coverage - Imager filter M.</i>	4
Figure 3:	<i>South Pole Coverage - Imager filter M.</i>	5
Figure 4:	<i>North Aurora - Imager filter L.</i>	5
Figure 5:	<i>Atmosphere (Polar View) - Imager filter M.</i>	6

List of Tables

Table 1:	<i>Scientific Goals</i>	9
Table 2:	<i>Data Overwier</i>	12

		JIR-IAPS-SY-009-2018		
		Issue	1.0	30/05/18
	JUNO/JIRAM		Page	3

1 INTRODUCTION

This document describes the activities that JIRAM performed during the activity period JM0091 (PJ9), with particular attention to the comparison with the expected data and that achieved, keeping track of the configuration of the instrument with commanding file (SASF).

2 REFERENCES

- a) Adriani A., G. Filacchione, T. Di Iorio, D. Turrini, R. Noschese, A. Cicchetti, D. Grassi, A. Mura, G. Sindoni, M. Zambelli, G. Piccioni, M.T. Capria, F. Tosi, R. Orosei, B.M. Dinelli, M.L. Moriconi, E. Roncon, J.I. Lunine, H.N. Becker, A. Bini, A. Barbis, L. Calamai, C. Pasqui, S. Nencioni, M. Rossi, M. Lastri, R. Formaro, A. Olivieri (2014), JIRAM, the Jovian Infrared Auroral Mapper. *Space Sci. Rev.*, DOI 10.1007/s11214-014-0094-y.
- b) Adriani A., M.L. Moriconi, A. Mura, F. Tosi, G. Sindoni, R. Noschese, A. Cicchetti, G. Filacchione (2016), Juno's Earth flyby: the Jovian infrared Auroral Mapper preliminary results, *Astrophys Space Sci*, DOI 10.1007/s10509-016-2842-9.
- c) Becker, H.N., J.W. Alexander, A. Adriani, A. Mura, A. Cicchetti, R. Noschese, J.L. Jørgensen, T. Denver, J. Sushkova, A. Jørgensen, M. Benn, J.E.P. Connerney, S.J. Bolton, the Selex Galileo Juno SRU Team, J. Allison, S. Watts, V. Adumitroaie, E.A. Manor-Chapman, I.J. Daubar, C. Lee, S. Kang, W.J. McAlpine, T. Di Iorio, C. Pasqui, A. Barbis, P. Lawton, L. Spalsbury, S. Loftin, and J. Sun (2017), The Juno Radiation Monitoring (RM) Investigation, *Space Sci Rev*, doi: 10.1007/s11214-017-0345-9.

3 ACTIVITY DESCRIPTION

During PJ9 pass, JIRAM could have a partial coverage of both Northern and Southern Poles of Jupiter. Coverage is given in the figures 1 , 2 & 3. Image filter L is for auroras and imager filter M is for mapping the atmospheric thermal emission. Note that in correspondance of each imager's pictures there is a spectral observation. Details about imager/spectrometer coupling and, more in general, about the instrument and its performances can be found in Adriani et al., 2014 and 2016. Finally, observations of the Jupiter's moons Europa and Ganymede have also been done (not reported in the figures).

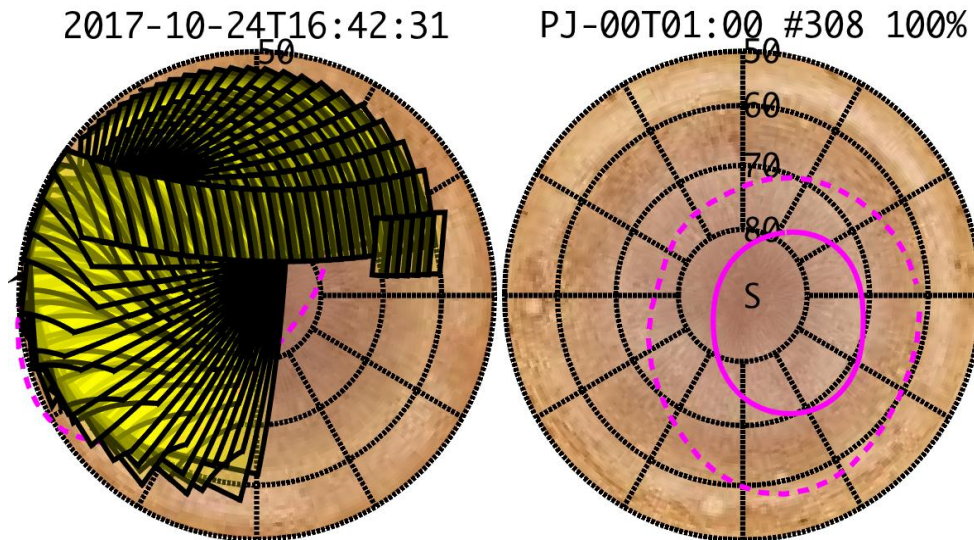


Figure 1: North Poles Coverage - Imager filter M.

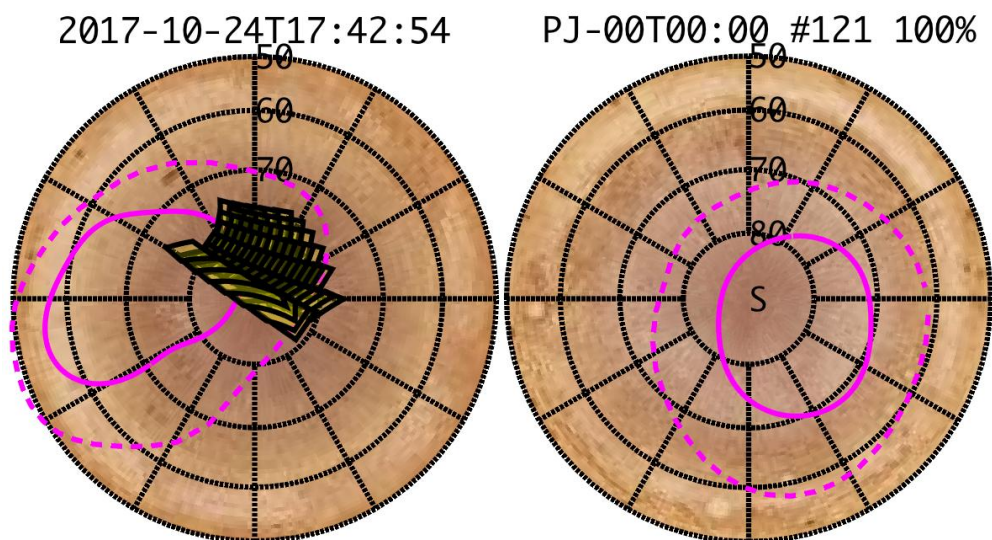


Figure 2. North Poles Coverage - Imager filter M.

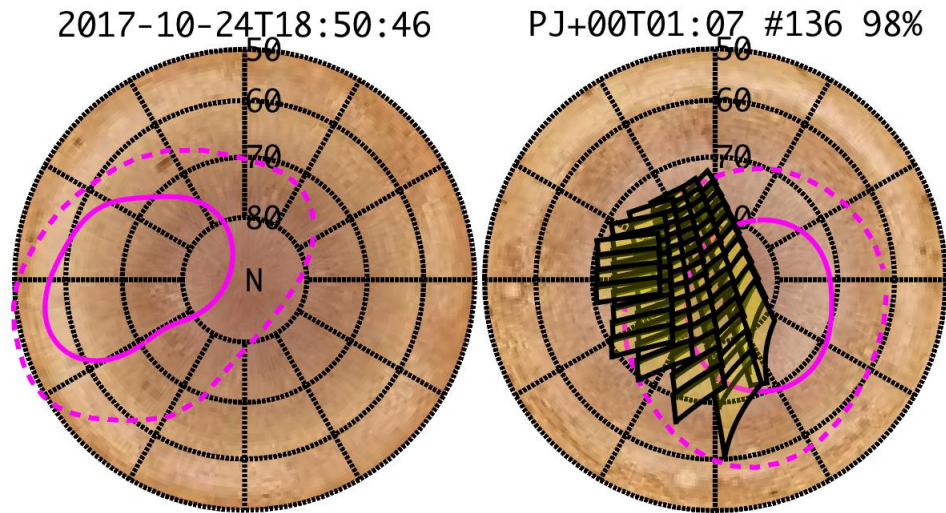


Figure 3. South Pole Coverage - Imager filter M.

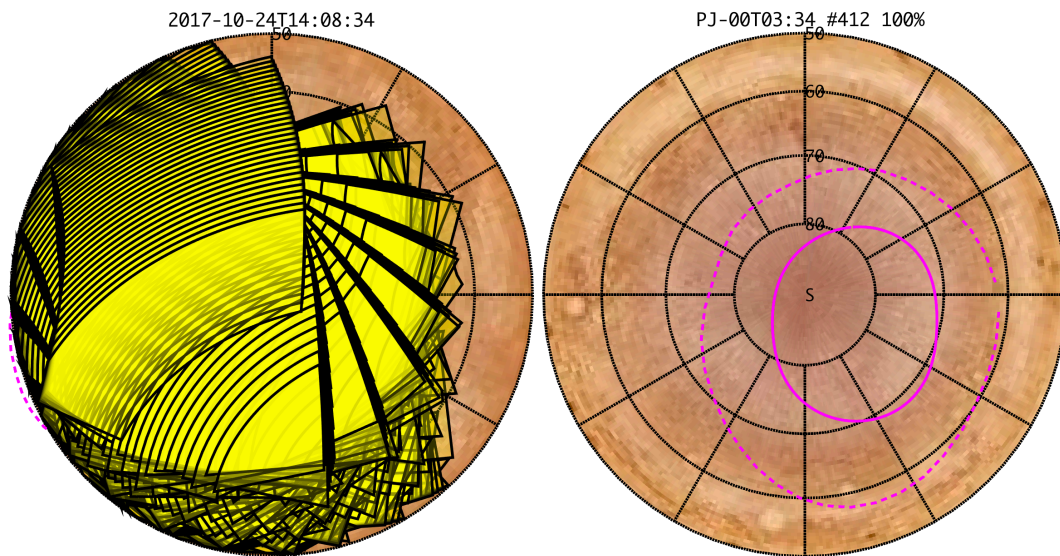


Figure 4. North Aurora - Imager filter L.

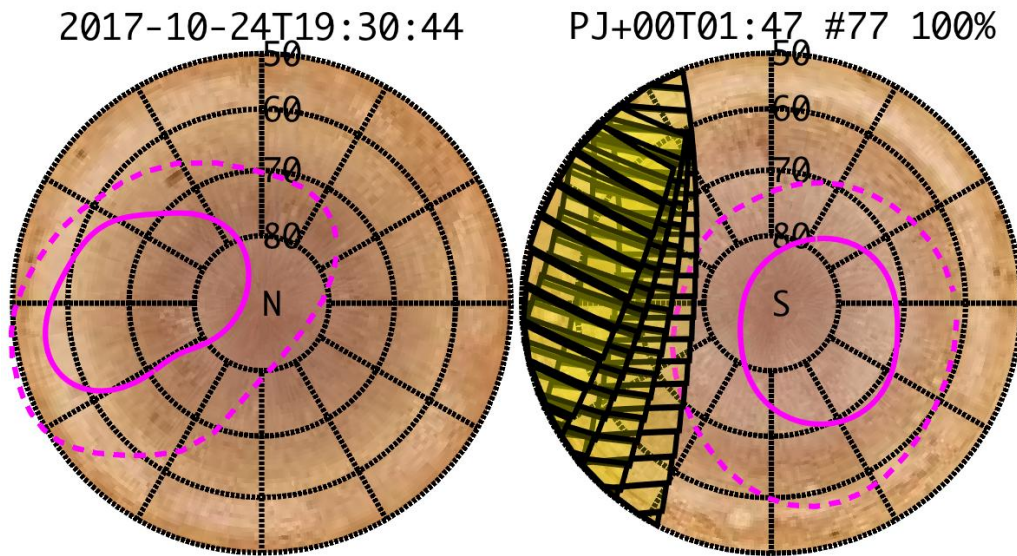


Figure 5. Atmosphere (Polar View) - Imager filter M.

2017-10-24T09:57:36 PJ-00T07:45 #1350 94%

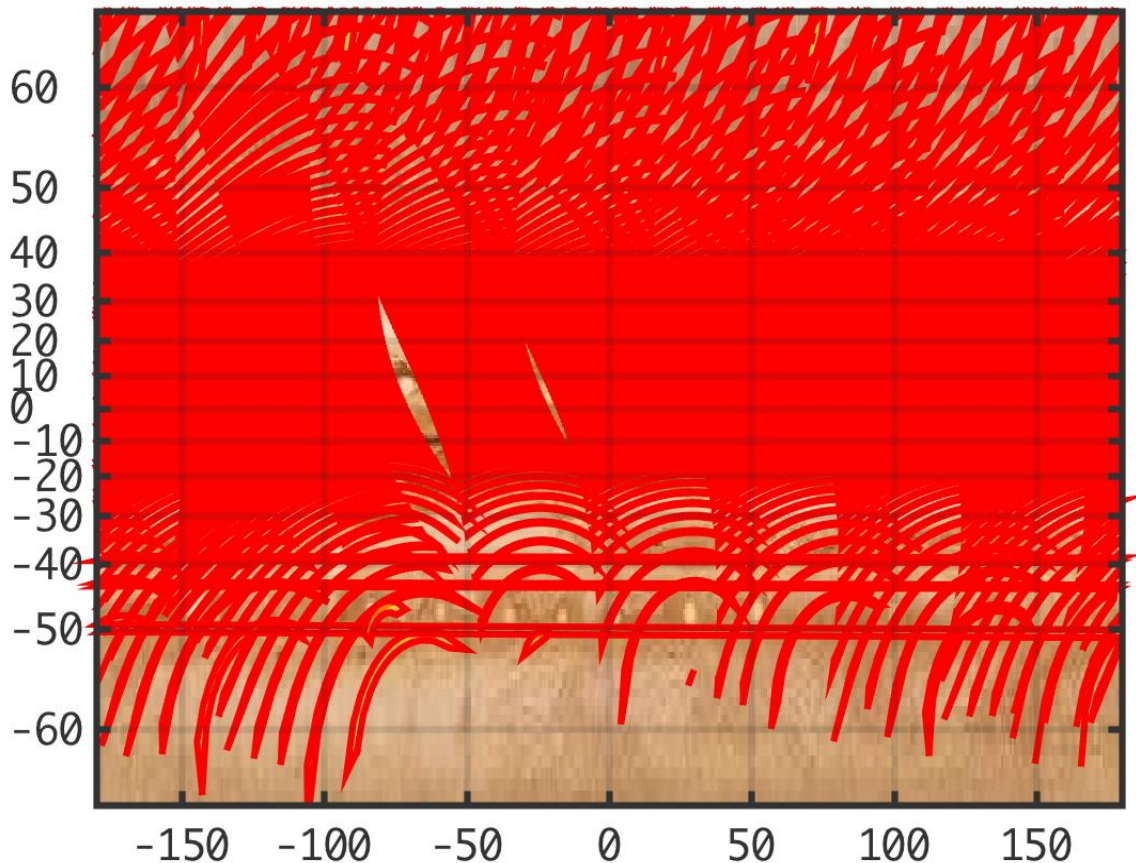


Figure 6. Atmosphere (Mercator View) - Imager filter M

4 RADIATIONS ACQUISITION

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 and the southern polar region.

5 SCIENTIFIC GOALS

Below is a table that describes for each science block in the commanding file the relative operative mode and the scientific objectives. The files relating to the various science blocks are shown in the file “JIR_STATUS_EDR_2017296T231825_V01.CSV” in the INDEX directory.

JRM (sarf)	Operative Mode	Goals
JRM_004	CAL_I1_S1	INTERNAL CALIBRATION
JRM_005	SCI_I2_S1	ATMOSPHERE MAPPING
JRM_006	SCI_I2_S1	ATMOSPHERE MAPPING
From JRM_008 to JRM_014	SCI_I1_S0	RADIATION
JRM_015	SCI_I2_S1	ATMOSPHERE MAPPING
JRM_016	SCI_I2_S1	ATMOSPHERE MAPPING
JRM_017	SCI_I2_S1	ATMOSPHERE MAPPING
From JRM_019 to JRM_020	SCI_I1_S0	RADIATION
JRM_021	SCI_I2_S1	ATMOSPHERE MAPPING
JRM_023	SCI_I1_S0	RADIATION
JRM_024	SCI_I2_S1	ATMOSPHERE MAPPING
JRM_026	SCI_I1_S0	RADIATION
JRM_027	SCI_I2_S1	ATMOSPHERE MAPPING
JRM_029	SCI_I1_S0	RADIATION
JRM_030	SCI_I2_S1	NORTH AURORE
JRM_031	SCI_I3_S1	NORTH AURORE
JRM_032	SCI_I3_S1	NORTH AURORE
JRM_033	SCI_I3_S1	NORTH AURORE
JRM_034	SCI_I3_S1	NORTH AURORE
JRM_035	SCI_I3_S1	NORTH AURORE
JRM_036	SCI_I3_S1	NORTH AURORE
JRM_037	SCI_I3_S1	NORTH AURORE
JRM_038	SCI_I3_S1	NORTH AURORE
JRM_039	SCI_I2_S1	NORTH POLE
JRM_040	SCI_I2_S1	NORTH POLE
JRM_041	SCI_I2_S1	NORTH POLE
JRM_042	SCI_I2_S1	NORTH POLE
JRM_043	SCI_I2_S1	NORTH POLE
JRM_044	SCI_I2_S1	NORTH POLE
JRM_045	SCI_I2_S1	NORTH POLE
JRM_046	SCI_I2_S1	NORTH POLE
JRM_047	SCI_I2_S1	NORTH POLE
JRM_048	SCI_I2_S1	NORTH POLE
JRM_049	SCI_I2_S1	NORTH POLE

JRM_050	SCI_I2_S1	NORTH POLE
JRM_051	SCI_I2_S1	NORTH POLE
JRM_052	SCI_I2_S1	NORTH POLE
JRM_053	SCI_I2_S1	NORTH POLE
JRM_054	SCI_I2_S1	NORTH POLE
JRM_055	SCI_I2_S1	NORTH POLE
JRM_056	SCI_I2_S1	NORTH POLE
JRM_057	SCI_I2_S1	NORTH POLE
JRM_058	SCI_I2_S1	NORTH POLE
JRM_059	SCI_I2_S1	NORTH POLE
JRM_60	SCI_I2_S1	NORTH POLE
JRM_061	SCI_I2_S1	NORTH POLE
JRM_062	SCI_I2_S1	NORTH POLE
JRM_063	SCI_I2_S1	NORTH POLE
JRM_064	SCI_I2_S1	NORTH POLE
JRM_065	SCI_I2_S1	NORTH POLE
JRM_066	SCI_I2_S1	NORTH POLE
JRM_067	SCI_I2_S1	NORTH POLE
JRM_068	SCI_I2_S1	NORTH POLE
JRM_069	SCI_I2_S1	NORTH POLE
JRM_070	SCI_I2_S1	
JRM_071	SCI_I2_S1	SOUTH POLE
JRM_072	SCI_I2_S1	SOUTH POLE
JRM_073	SCI_I2_S1	SOUTH POLE
JRM_074	SCI_I2_S1	SOUTH POLE
JRM_075	SCI_I2_S1	SOUTH POLE
JRM_076	SCI_I2_S1	SOUTH POLE
JRM_077	SCI_I2_S1	ATMOSPHERE
JRM_078	SCI_I2_S1	ATMOSPHERE
JRM_079	SCI_I2_S1	ATMOSPHERE
JRM_080	SCI_I2_S1	ATMOSPHERE
JRM_082	SCI_I1_S0	RADIATION
JRM_083	SCI_I2_S1	IO
JRM_084	SCI_I2_S1	IO
JRM_085	SCI_I2_S1	IO
JRM_086	SCI_I2_S1	IO
JRM_087	SCI_I2_S1	IO
JRM_089-JRM_090	SCI_I2_S1	RADIATION
JRM_091	SCI_I2_S1	EUROPA
JRM_092	SCI_I2_S1	EUROPA
JRM_093	SCI_I2_S1	EUROPA
JRM_094	SCI_I2_S1	EUROPA
JRM_095	SCI_I2_S1	EUROPA
JRM_096	CAL_I1_S1	INTERNAL CALIBRATION

Table 1: Scientific Goals

6 DATA COLLECTION OVERWIER

Below a table that give an overwier of the data collected during the activity period JM0091. The table describes, for each science block in the commanding file, the programmed operative modes, with the real collected data.

JRM (sarf)	Operative Mode	Observations	Packets Retrived	Packets Exepected	Missing Observations SPE	Missing Observations IMG
JRM_004	CAL_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_005	SCI_I2_S1	80 IMG 80 SPE	720	720	0	0
JRM_006	SCI_I2_S1	80 IMG 80 SPE	720	720	0	0
From JRM_008 to JRM_014	SCI_I1_S0	21 IMG	126	126	N/A	0
JRM_015	SCI_I2_S1	80 IMG 80 SPE	720	720	0	0
JRM_016	SCI_I2_S1	80 IMG 80 SPE	720	720	0	0
JRM_017	SCI_I2_S1	80 IMG 80 SPE	720	720	0	0
Fro JRM_019 to JRM_023	SCI_I1_S0	9 IMG	54	54	N/A	0
JRM_024	SCI_I2_S1	80 IMG 80 SPE	720	720	0	0
JRM_026	SCI_I1_S0	9 IMG	54	54	N/A	0
JRM_027	SCI_I2_S1	80 IMG 80 SPE	720	720	0	0
JRM_029	SCI_I1_S0	9 IMG	54	54	N/A	0
JRM_030	SCI_I3_S1	37 IMG 37 SPE	333	333	0	0
JRM_031	SCI_I3_S1	40 IMG 40 SPE	360	360	0	0
JRM_032	SCI_I3_S1	41 IMG 41 SPE	369	369	0	0
JRM_033	SCI_I3_S1	43 IMG 43 SPE	387	387	0	0
JRM_034	SCI_I3_S1	45 IMG 45 SPE	405	405	0	0
JRM_035	SCI_I3_S1	48 IMG 48 SPE	432	432	0	0
JRM_036	SCI_I3_S1	49 IMG 49 SPE	441	441	0	0
JRM_037	SCI_I3_S1	48 IMG 48 SPE	432	432	0	0
JRM_038	SCI_I3_S1	29 IMG 29 SPE	261	261	0	0

JRM_039	SCI_I2_S1	3 IMG 3 SPE	27	27	0	0
JRM_040	SCI_I2_S1	6 IMG 6 SPE	54	54	0	0
JRM_041	SCI_I2_S1	6 IMG 6 SPE	54	54	0	0
JRM_042	SCI_I2_S1	7 IMG 7 SPE	63	63	0	0
JRM_043	SCI_I2_S1	7 IMG 7 SPE	63	63	0	0
JRM_044	SCI_I2_S1	7 IMG 7 SPE	63	63	0	0
JRM_045	SCI_I2_S1	7 IMG 7 SPE	63	63	0	0
JRM_046	SCI_I2_S1	7 IMG 7 SPE	63	63	0	0
JRM_047	SCI_I2_S1	8 IMG 8 SPE	72	72	0	0
JRM_048	SCI_I2_S1	8 IMG 8 SPE	72	72	0	0
JRM_049	SCI_I2_S1	8 IMG 8 SPE	72	72	0	0
JRM_050	SCI_I2_S1	8 IMG 8 SPE	72	72	0	0
JRM_051	SCI_I2_S1	9 IMG 9 SPE	81	81	0	0
JRM_052	SCI_I2_S1	9 IMG 9 SPE	81	81	0	0
JRM_053	SCI_I2_S1	10 IMG 10 SPE	90	90	0	0
JRM_054	SCI_I2_S1	10 IMG 10 SPE	90	90	0	0
JRM_055	SCI_I2_S1	11 IMG 11 SPE	99	99	0	0
JRM_056	SCI_I2_S1	12 IMG 12 SPE	108	108	0	0
JRM_057	SCI_I2_S1	13 IMG 13 SPE	117	117	0	0
JRM_058	SCI_I2_S1	14 IMG 14 SPE	126	126	0	0
JRM_059	SCI_I2_S1	16 IMG 16 SPE	144	144	0	0
JRM_60	SCI_I2_S1	19 IMG 19 SPE	171	171	0	0
JRM_061	SCI_I2_S1	25 IMG 25 SPE	225	225	0	0
JRM_062	SCI_I2_S1	6 IMG 6 SPE	54	54	0	0
JRM_063	SCI_I2_S1	2 IMG 2 SPE	18	18	0	0
JRM_064	SCI_I2_S1	6 IMG 6 SPE	54	54	0	0
JRM_065	SCI_I2_S1	9 IMG 9 SPE	81	81	0	0
JRM_066	SCI_I2_S1	12 IMG 12 SPE	108	108	0	0

JRM_067	SCI_I2_S1	16 IMG 16 SPE	144	144	0	0
JRM_068	SCI_I2_S1	14 IMG 14 SPE	126	126	0	0
JRM_069	SCI_I2_S1	7 SPE 7 SPE	63	63	0	0
JRM_070	SCI_I2_S1	82 IMG 82 SPE	738	738	0	0
JRM_071	SCI_I2_S1	10 IMG 10 SPE	90	90	0	0
JRM_072	SCI_I2_S1	14 IMG 14 SPE	126	126	0	0
JRM_073	SCI_I2_S1	15 IMG 15 SPE	135	135	0	0
JRM_074	SCI_I2_S1	12 IMG 12 SPE	108	108	0	0
JRM_075	SCI_I2_S1	9 IMG 9 SPE	81	81	0	0
JRM_076	SCI_I2_S1	4 IMG 4 SPE	36	36	0	0
JRM_077	SCI_I2_S1	21 IMG 21 SPE	189	189	0	0
JRM_078	SCI_I2_S1	18 IMG 18 SPE	162	162	0	0
JRM_079	SCI_I2_S1	18 IMG 18 SPE	162	162	0	0
JRM_080	SCI_I2_S1	11 IMG 11 SPE	99	99	0	0
JRM_083	SCI_I2_S1	17 IMG 17 SPE	153	153	0	0
JRM_084	SCI_I2_S1	17 IMG 17 SPE	153	153	0	0
JRM_085	SCI_I2_S1	17 IMG 17 SPE	153	153	0	0
JRM_086	SCI_I2_S1	17 IMG 17 SPE	153	153	0	0
JRM_087	SCI_I2_S1	3 IMG 3 SPE	27	27	0	0
From JRM_089 to JRM_090	SCI_I1_S0	6 IMG	36	36	N/A	0
JRM_091	SCI_I2_S1	17 IMG 17 SPE	153	153	0	0
JRM_092	SCI_I2_S1	17 IMG 17 SPE	153	153	0	0
JRM_093	SCI_I2_S1	17 IMG 17 SPE	153	153	0	0
JRM_094	SCI_I2_S1	17 IMG 17 SPE	153	153	0	0
JRM_095	SCI_I2_S1	15 IMG 15 SPE	135	135	0	0
JRM_096	CAL_I1_S1	6 IMG 6 SPE	72	72	0	0

Table 2: Data Overview

			JIR-IAPS-SY-009-2018	
			Issue	1.0
	JUNO/JIRAM		Page	13

A.1 Commanding file (sasf)

```

CCSD3ZF0000100000001NJPL3KSOL015$$MARK$$;
MISSION_NAME = JUNO;
SPACECRAFT_NAME = JUNO;
DATA_SET_ID = SPACECRAFT_ACTIVITY_SEQUENCE_JRM;
FILE_NAME = jm0091_JRMa.sasf;
APPLICABLE_START_TIME = 2017-296T17:00:00.000;
APPLICABLE_STOP_TIME = 2017-323T05:00:00.000;
PRODUCT_CREATION_TIME = 2017-269T15:05:05.000;
PRODUCER_ID = JRMTEAM;
SEQ_ID = jm0091_JRMa;
HOST_ID = JRM_CMD_091_091_V05.jrm;
CCSD3RE00000$$MARK$$NJPL3IFOM01300000001;
$$JNO          SPACECRAFT ACTIVITY SEQUENCE FILE
*****
*PROJECT      JNO
*SPACECRAFT   61
*OPERATOR     JRMTEAM
*FILE_CMPLT   TRUE
*DATE         Tue Sept 26 15:05:05 2017
*BEGIN        2017-296T17:00:00.000
*CUTOFF       2017-323T05:00:00.000
*TITLE        jm0091_JRMa
*EPOCHS_DEF
*jm0091_JRM, 2017-296T17:00:00.000
*EPOCHS_END
*Input files used:
*File Type   Last modified           File name
*PACKETS_NUMBER 15612
*****
$$EOH
$$EOD
request(JRM_Sequence_Management_Request,
        START_TIME,2017-296T17:00:00.000,
        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","jm0091_JRM","jm0091_JRM.abs","d:/seq")
        ),
        command(2,
        SCHEDULED_TIME,\00:00:30\,FROM_PREVIOUS_START,
        FILE_DELETE("d:/seq/jm0091_JRM.abs")
        ),
        command(3,
        SCHEDULED_TIME,\026T11:59:58\,FROM_REQUEST_START,
        VM_LOAD(20,"d:/seq/jm0092_JRM.abs")
        ),
        end;

request(JRM_001,
        START_TIME,2017-296T17:53:53.000,
        TITLE, "jm0091_JRM_Heater_Op",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
		Page	14	of	68

```

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    THRM_SET_PT_SEL("JIRAM_OH","OPERATIONAL")
),
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_BF","OPERATIONAL")
),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"NaN\"
    ),
end;

request(JRM_002,
    START_TIME,2017-296T23:14:53.000,
    TITLE, "jm0091_JRM-POWER_ON",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    spawn(1,
        SCHEDULED_TIME,\00:00:00\,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,2017-296T23:17:36.000,
    TITLE, "jm0091_JRM_StandBy",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(111,3)
    ),
    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_I2_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,\"NaN\"
    ),
end;

request(JRM_004,
    START_TIME,2017-296T23:17:48.000,
    TITLE, "jm0091_JRM_Calibration",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_CAL_PAR(8,14,8,14,30,700,30,700,30,700,30,700,200,200,153,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)

```

			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	15	of

```

),
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_005,
  START_TIME,2017-296T23:22:19.000,
  TITLE, "jm0091_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2475)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I2_S1",80,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,26,50,5000,"LOW","LOW",
  ,"POINT",-57343,50,5000,"LOW","LOW","SPIN",-1060,"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,\00:42:00\,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,\"Atm. Map\"
),
end;

request(JRM_006,
  START_TIME,2017-297T00:47:18.000,
  TITLE, "jm0091_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2475)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
			Page	16	of 68

```

JRM_SCI_PAR("SCI_I2_S1",80,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,28,50,5000,"LOW","LOW",
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",-1118,"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,\00:42:00\,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,\"Atm. Map\"
),
end;

request(JRM_007,
START_TIME,2017-297T01:29:38.000,
TITLE, "jm0091_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_008,
START_TIME,2017-297T01:33:15.000,
TITLE, "jm0091_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_S0",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,

```


			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
		Page	17	of	68

```

JRM_SCI_PAR("SCI_I1_S0",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_S0",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_09_001_GoodPxMap_2017-297T01:33:15.000\"\\
),
end;

request(JRM_009,
START_TIME,2017-297T01:38:15.000,
TITLE,"jm0091_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_S0",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,

```

			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	18	of

```

JRM_SCI_PAR("SCI_I1_S0",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_S0",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_09_002_GoodPxMap_2017-297T01:38:15.000\"
),
end;

request(JRM_010,
START_TIME,2017-297T01:43:15.000,
TITLE,"jm0091_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_S0",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,

```

			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	19	of

```

SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S0",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_S0",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_09_003_GoodPxMap_2017-297T01:43:15.000\"
),
end;
request(JRM_011,
START_TIME,2017-297T01:48:15.000,
TITLE,"jm0091_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_S0",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()
),

```

			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	20	of

```

command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S0",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_S0",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_09_004_GoodPxMap_2017-297T01:48:15.000\"
),
end;

request(JRM_012,
    START_TIME,2017-297T01:53:15.000,
    TITLE, "jm0091_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_S0",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()
)

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
			Page	21	of 68

```

),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S0",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_S0",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_09_005_GoodPxMap_2017-297T01:53:15.000\"
    ),
end;

request(JRM_013,
    START_TIME,2017-297T01:58:15.000,
    TITLE,"jm0091_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_S0",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,

```

			JIR-IAPS-SY-009-2018	
			Issue	1.0
JUNO/JIRAM			Page	22 of 68

```

    JRM_SCIENCE ()
  ),
  command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S0",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_S0",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_09_006_GoodPxMap_2017-297T01:58:15.000\"
  ),
end;

request(JRM_014,
  START_TIME,2017-297T02:03:15.000,
  TITLE, "jm0091_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_S0",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,

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
			Page	23	of 68

```

        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_S0",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_S0",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_09_007_GoodPxMap_2017-297T02:03:15.000\"
    ),
end;

request(JRM_015,
    START_TIME,2017-297T02:12:18.000,
    TITLE,"jm0091_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2475)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",80,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,29,50,5000,"LOW","LOW"
        ,"POINT",-57343,50,5000,"LOW","LOW","SPIN",-1186,"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()
    ),

```

			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	24	of

```

command(5,
  SCHEDULED_TIME,\00:42:00\,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,\"Atm. Map\"
),
end;

request(JRM_016,
  START_TIME,2017-297T03:37:18.000,
  TITLE, "jm0091_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2475)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I2_S1",80,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,31,50,5000,"LOW","LOW",
  ,"POINT",-57343,50,5000,"LOW","LOW","SPIN",-1265,"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,\00:42:00\,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,\"Atm. Map\"
),
end;

request(JRM_017,
  START_TIME,2017-297T05:02:18.000,
  TITLE, "jm0091_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2475)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I2_S1",80,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,34,50,5000,"LOW","LOW",
  ,"POINT",-57343,50,5000,"LOW","LOW","SPIN",-1359,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,

```


			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
		Page	25	of	68

```

        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:42:00\,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,\"Atm. Map\"
    ),
end;

request(JRM_018,
    START_TIME,2017-297T05:44:38.000,
    TITLE, "jm0091_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_019,
    START_TIME,2017-297T05:58:15.000,
    TITLE, "jm0091_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_S0",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_S0",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,

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
			Page	26	of 68

```

        JRM_SCIENCE ()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S0",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_09_008_Approach_2017-297T05:58:15.000\"\\
    ),
end;

request(JRM_020,
    START_TIME,2017-297T06:18:15.000,
    TITLE, "jm0091_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_S0",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_S0",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,

```

			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	27	of

```

        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_S0",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_09_009_Approach_2017-297T06:18:15.000\"
    ),
end;

request(JRM_021,
    START_TIME,2017-297T06:27:18.000,
    TITLE,"jm0091_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2475)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",80,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,37,50,5000,"LOW","LOW"
        ,"POINT",-57343,50,5000,"LOW","LOW","SPIN",-1474,"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,\00:42:00\,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,\"Atm. Map\"
    ),
end;

```

			JIR-IAPS-SY-009-2018	
			Issue	1.0
	JUNO/JIRAM		Page	28

```

request (JRM_022,
        START_TIME,2017-297T07:09:38.000,
        TITLE, "jm0091_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_023,
        START_TIME,2017-297T07:28:15.000,
        TITLE, "jm0091_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_S0",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_S0",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_S0",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,

```

			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	29	of

```

        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_09_010_Approach_2017-297T07:28:15.000\"
    ),
end;

request(JRM_024,
    START_TIME,2017-297T07:52:18.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2475)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",80,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,40,50,5000,"LOW","LOW",
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",-1616,"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,\00:42:00\,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,\"Atm. Map\"
    ),
end;

request(JRM_025,
    START_TIME,2017-297T08:34:38.000,
    TITLE, "jm0091_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_026,
    START_TIME,2017-297T08:58:15.000,

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
			Page	30	of 68

```

TITLE, "jm0091_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_S0",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_S0",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_S0",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_09_011_Approach_2017-297T08:58:15.000\"
),
end;
request(JRM_027,

```

			JIR-IAPS-SY-009-2018	
			Issue	1.0
	JUNO/JIRAM		Page	31

```

START_TIME,2017-297T09:17:18.000,
TITLE, "jm0091_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2475)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",80,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,45,50,5000,"LOW","LOW",
"POINT",-57343,50,5000,"LOW","LOW","SPIN",-1802,"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,\00:42:00\,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,"Atm. Map"
),
end;

request(JRM_028,
START_TIME,2017-297T09:59:38.000,
TITLE, "jm0091_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_029,
START_TIME,2017-297T10:28:15.000,
TITLE, "jm0091_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_S0",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)
),

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
		Page	32	of	68

```

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_S0",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_S0",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_09_012_DarkFrame_2017-297T10:28:15.000\"
),
end;

request(JRM_030,
    START_TIME,2017-297T10:42:17.000,
    TITLE, "jm0091_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",37,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,47,5000,5000,"LOW","LO
W","POINT",-57343,5000,5000,"LOW","LOW","SPIN",171,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
)

```


			JIR-IAPS-SY-009-2018	
			Issue	1.0
	JUNO/JIRAM		Page	33

```

),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:19:47\,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,\"N. Aurora\"
),
end;

request(JRM_031,
  START_TIME,2017-297T11:02:47.000,
  TITLE, "jm0091_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",40,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,47,5000,5000,"LOW","LOW",
  "POINT",-57343,5000,5000,"LOW","LOW","SPIN",121,"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,\"N. Aurora\"
),
end;

request(JRM_032,
  START_TIME,2017-297T11:24:47.000,
  TITLE, "jm0091_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",41,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,46,5000,5000,"LOW","LOW",
  "POINT",-57343,5000,5000,"LOW","LOW","SPIN",124,"NO_SUMMED_SCI")
),

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
		Page	34	of	68

```

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,\00:21:51\,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,\"N. Aurora\"
),
end;

request(JRM_033,
    START_TIME,2017-297T11:47:17.000,
    TITLE, "jm0091_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",43,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,46,5000,5000,"LOW","LOW",
    "POINT",-57343,5000,5000,"LOW","LOW","SPIN",128,"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,\00:22:53\,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,\"N. Aurora\"
),
end;

request(JRM_034,
    START_TIME,2017-297T12:10:47.000,
    TITLE, "jm0091_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,

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
		Page	35	of	68

```

JRM_SCI_PAR("SCI_I3_S1",45,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,46,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",134,"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,\00:23:55\,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,\ "N. Aurora" \
),
end;

request(JRM_035,
START_TIME,2017-297T12:35:17.000,
TITLE,"jm0091_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",48,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,45,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",139,"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,\00:25:28\,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,\ "N. Aurora" \
),
end;

request(JRM_036,
START_TIME,2017-297T13:01:17.000,
TITLE,"jm0091_JRM_Science",
REQUESTOR,"JRMTEAM",
PROCESSOR,"VC2",
KEY,"No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,0)
),

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
		Page	36	of	68

```

command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I3_S1",49,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,44,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",280,"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,\00:25:59\,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,\ "N. Aurora" \
    ),
end;

request(JRM_037,
    START_TIME,2017-297T13:27:47.000,
    TITLE, "jm0091_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",48,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,44,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",589,"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,\00:25:28\,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,\ "N. Aurora" \
    ),
end;

request(JRM_038,
    START_TIME,2017-297T13:53:47.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

command(1,

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
			Page	37	of 68

```

        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",29,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,43,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",793,"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,\00:15:39\,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,\"N. Aurora\"
    ),
end;

request(JRM_039,
    START_TIME,2017-297T14:09:46.000,
    TITLE,"jm0091_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2475)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",3,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,930,50,5000,"LOW","LOW",
"POINT",-57343,50,5000,"LOW","LOW","SPIN",1313,"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,\00:02:13\,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,\"North Pole\"
    ),
end;

request(JRM_040,
    START_TIME,2017-297T14:12:46.000,
    TITLE,"jm0091_JRM_Science",
    REQUESTOR,"JRMTEAM",

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
			Page	38	of 68

```

PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2475)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,372,50,5000,"LOW","LOW",
"POINT",-57343,50,5000,"LOW","LOW","SPIN",1311,"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,\"North Pole\"
),
end;

request(JRM_041,
START_TIME,2017-297T14:17:16.000,
TITLE, "jm0091_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2475)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,372,50,5000,"LOW","LOW",
"POINT",-57343,50,5000,"LOW","LOW","SPIN",1306,"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,\"North Pole\"
),
end;

request(JRM_042,

```

			JIR-IAPS-SY-009-2018	
			Issue	1.0
	JUNO/JIRAM		Page	39

```

START_TIME,2017-297T14:21:46.000,
TITLE, "jm0091_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2475)
),
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",0,371,50,5000,"LOW","LOW",
"POINT",-57343,50,5000,"LOW","LOW","SPIN",1301,"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,\"North Pole\"
),
end;

request(JRM_043,
START_TIME,2017-297T14:26:46.000,
TITLE, "jm0091_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2475)
),
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",0,371,50,5000,"LOW","LOW",
"POINT",-57343,50,5000,"LOW","LOW","SPIN",1294,"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,\"North Pole\"
),

```

				JIR-IAPS-SY-009-2018		
	JUNO/JIRAM			Issue	1.0	30/05/18
				Page	40	of 68

```

end;

request (JRM_044,
        START_TIME,2017-297T14:31:46.000,
        TITLE, "jm0091_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,2475)
        ),
    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",0,371,50,5000,"LOW","LOW"
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",1286,"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,\"North Pole\"
        ),
end;

request (JRM_045,
        START_TIME,2017-297T14:36:46.000,
        TITLE, "jm0091_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,2475)
        ),
    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",0,370,50,5000,"LOW","LOW"
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",1276,"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,

```


			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
JUNO/JIRAM			Page	41	of 68

```

        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"North Pole\"
    ),
end;

request(JRM_046,
        START_TIME,2017-297T14:41:46.000,
        TITLE, "jm0091_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2475)
    ),
    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",0,370,50,5000,"LOW","LOW"
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",1264,"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,\"North Pole\"
    ),
end;

request(JRM_047,
        START_TIME,2017-297T14:46:46.000,
        TITLE, "jm0091_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2475)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,370,50,5000,"LOW","LOW"
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",1250,"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,\00:04:48\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-009-2018	
			Issue	1.0
	JUNO/JIRAM		Page	42

```

        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"North Pole\"
    ),
end;

request(JRM_048,
    START_TIME,2017-297T14:52:16.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,369,50,5000,"LOW","LOW"
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",1232,"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,\00:04:48\,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,\"North Pole\"
    ),
end;

request(JRM_049,
    START_TIME,2017-297T14:57:46.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,369,50,5000,"LOW","LOW"
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",1210,"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,\00:04:48\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
)

```

			JIR-IAPS-SY-009-2018	
			Issue	1.0
	JUNO/JIRAM		Page	43

```

),
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,\"North Pole\"
),
end;

request(JRM_050,
    START_TIME,2017-297T15:03:16.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,368,50,5000,"LOW","LOW",
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",1184,"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,\00:04:48\,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,\"North Pole\"
),
end;

request(JRM_051,
    START_TIME,2017-297T15:08:46.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
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",0,368,50,5000,"LOW","LOW",
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",1152,"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()
),

```

			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	44	of

```

command(5,
    SCHEDULED_TIME,\00:05:19\,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,\"North Pole\"
),
end;

request(JRM_052,
    START_TIME,2017-297T15:14:46.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
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",0,367,50,5000,"LOW","LOW",
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",1109,"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()
),
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,\"North Pole\"
),
end;

request(JRM_053,
    START_TIME,2017-297T15:20:46.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",10,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,367,50,5000,"LOW","LOW",
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",1059,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,

```

			JIR-IAPS-SY-009-2018	
			Issue	1.0
	JUNO/JIRAM		Page	45

```

        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,\"North Pole\"
    ),
end;

request(JRM_054,
    START_TIME,2017-297T15:27:16.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2475)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",10,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,366,50,5000,"LOW","LOW",
", "POINT",-57343,50,5000,"LOW","LOW","SPIN",991,"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,\"North Pole\"
    ),
end;

request(JRM_055,
    START_TIME,2017-297T15:33:45.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2475)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",11,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,365,50,5000,"LOW","LOW",
", "POINT",-57343,50,5000,"LOW","LOW","SPIN",907,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	46	of

```

        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:06:21\,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,\"North Pole\"
    ),
end;

request(JRM_056,
    START_TIME,2017-297T15:40:45.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2475)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",12,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,364,50,5000,"LOW","LOW",
        "POINT",-57343,50,5000,"LOW","LOW","SPIN",794,"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,\00:06:53\,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,\"North Pole\"
    ),
end;

request(JRM_057,
    START_TIME,2017-297T15:48:15.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2475)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,362,50,5000,"LOW","LOW",
        "POINT",-57343,50,5000,"LOW","LOW","SPIN",639,"NO_SUMMED_SCI")
    ),
end;

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
			Page	47	of 68

```

),
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,\00:07:24\,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,\"North Pole\"
),
end;

request(JRM_058,
  START_TIME,2017-297T15:56:15.000,
  TITLE, "jm0091_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2475)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I2_S1",14,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,360,50,5000,"LOW","LOW",
  ,"POINT",-57343,50,5000,"LOW","LOW","SPIN",421,"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,\00:07:55\,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,\"North Pole\"
),
end;

request(JRM_059,
  START_TIME,2017-297T16:04:45.000,
  TITLE, "jm0091_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2475)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
		Page	48	of	68

```

JRM_SCI_PAR("SCI_I2_S1",16,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,357,50,5000,"LOW","LOW",
", "POINT",-57343,50,5000,"LOW","LOW","SPIN",110,"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,\00:08:57\,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,\"North Pole\"
),
end;

request(JRM_060,
START_TIME,2017-297T16:14:15.000,
TITLE, "jm0091_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2475)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",19,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,351,50,5000,"LOW","LOW",
", "POINT",-57343,50,5000,"LOW","LOW","SPIN",-380,"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,\"North Pole\"
),
end;

request(JRM_061,
START_TIME,2017-297T16:25:14.000,
TITLE, "jm0091_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2475)

```


			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
		Page	49	of	68

```

),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",25,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,337,50,5000,"LOW","LOW",
", "POINT",-57343,50,5000,"LOW","LOW","SPIN",-1235,"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,\00:13:37\,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,\"North Pole\"
    ),
end;

request(JRM_062,
    START_TIME,2017-297T16:39:14.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,319,50,5000,"LOW","LOW",
", "POINT",-57343,50,5000,"LOW","LOW","SPIN",-3060,"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,\"North Pole\"
    ),
end;

request(JRM_063,
    START_TIME,2017-297T16:43:43.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
		Page	50	of	68

```

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",2,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,1688,50,5000,"LOW","LOW",
",POINT",-57343,50,5000,"LOW","LOW","SPIN",2100,"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,\00:01:42\,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,\"North Pole\"
    ),
end;

request(JRM_064,
    START_TIME,2017-297T16:46:13.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,406,50,5000,"LOW","LOW",
",POINT",-57343,50,5000,"LOW","LOW","SPIN",1329,"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,\"North Pole\"
    ),
end;

request(JRM_065,
    START_TIME,2017-297T16:50:43.000,
    TITLE, "jm0091_JRM_Science",

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
			Page	51	of 68

```

REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2475)
),
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",0,378,50,5000,"LOW","LOW",
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",276,"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()
),
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,\"North Pole\"
  ),
end;

request(JRM_066,
  START_TIME,2017-297T16:56:43.000,
  TITLE, "jm0091_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2475)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",12,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,320,50,5000,"LOW","LOW",
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",-1663,"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,\"North Pole\"
  ),
end;

```

			JIR-IAPS-SY-009-2018	
			Issue	1.0
	JUNO/JIRAM		Page	52

```

request (JRM_067,
        START_TIME,2017-297T17:04:12.000,
        TITLE, "jm0091_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2475)
        ),
command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",16,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,177,50,5000,"LOW","LOW",
", "POINT",-57343,50,5000,"LOW","LOW","SPIN",-5241,"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,\00:08:56\,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,\"North Pole\"
        ),
end;

request (JRM_068,
        START_TIME,2017-297T17:13:41.000,
        TITLE, "jm0091_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2475)
        ),
command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",14,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,50,5000,"LOW","LOW",
"POINT",-57343,50,5000,"LOW","LOW","SPIN",-11103,"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,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"North Pole\"

```

			JIR-IAPS-SY-009-2018	
			Issue	1.0
	JUNO/JIRAM		Page	53

```

),
end;

request (JRM_069,
        START_TIME,2017-297T17:22:10.000,
        TITLE, "jm0091_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,2475)
        ),
    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",0,0,50,5000,"LOW","LOW","
POINT",-57343,50,5000,"LOW","LOW","SPIN",-15206,"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,\00:04:16\,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,\"North Pole\"
        ),
end;

request (JRM_070,
        START_TIME,2017-297T17:27:09.000,
        TITLE, "jm0091_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,2475)
        ),
    command(2,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_SCI_PAR("SCI_I2_S1",82,1,41,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,50,5000,"LOW","LOW"
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",-389,"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,\00:43:01\,FROM_PREVIOUS_START,
            JRM_ERROR_LOG()
        ),
    command(6,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_STOP_HS_REC()
        ),
),

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
			Page	54	of 68

```

        note(1,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            TEXT,\"\"\\
        ),
end;

request(JRM_071,
    START_TIME,2017-297T18:11:01.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",10,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,77,50,5000,"LOW","LOW",
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",10929,"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,\"South Pole\"\\
    ),
end;

request(JRM_072,
    START_TIME,2017-297T18:17:30.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",14,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,253,50,5000,"LOW","LOW",
,"POINT",-57343,50,5000,"LOW","LOW","SPIN",6492,"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,\00:07:54\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
			Page	55	of 68

```

        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_073,
    START_TIME,2017-297T18:25:59.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
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",0,358,50,5000,"LOW","LOW",
", "POINT",-57343,50,5000,"LOW","LOW","SPIN",2295,"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;

request(JRM_074,
    START_TIME,2017-297T18:34:59.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",12,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,409,50,5000,"LOW","LOW",
", "POINT",-57343,50,5000,"LOW","LOW","SPIN",215,"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,\00:06:53\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	56	of

```

        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_075,
    START_TIME,2017-297T18:42:28.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_P&Agrave;(74,2475)
    ),
    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",0,432,50,5000,"LOW","LOW",
        ,"POINT",-57343,50,5000,"LOW","LOW","SPIN",-342,"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 ()
    ),
    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_076,
    START_TIME,2017-297T18:48:28.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_P&Agrave;(74,2475)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",4,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,740,50,5000,"LOW","LOW",
        ,"POINT",-57343,50,5000,"LOW","LOW","SPIN",-214,"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 ()
    )

```


			JIR-IAPS-SY-009-2018	
			Issue	1.0
	JUNO/JIRAM		Page	57

```

),
command(5,
    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 Pole\"
),
end;

request(JRM_077,
    START_TIME,2017-297T18:51:58.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I2_S1",21,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,542,50,5000,"LOW","LOW",
    ,"POINT",-57343,50,5000,"LOW","LOW","SPIN",-5513,"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,\00:11:33\,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,\"Atmosphere\"
),
end;

request(JRM_078,
    START_TIME,2017-297T19:03:57.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I2_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,574,50,5000,"LOW","LOW",
    ,"POINT",-57343,50,5000,"LOW","LOW","SPIN",-4957,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
			Page	58	of 68

```

command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:10:00\,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,\"Atmosphere\"
),
end;

request(JRM_079,
    START_TIME,2017-297T19:14:27.000,
    TITLE, \"jm0091_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I2_S1\",18,1,0,\"IDIS_SDIS\", \"HSSL\", \"ENABLE\", \"DARK\", \"DISABLE\",0,522,50,5000,\"LOW\", \"LOW\", \"POINT\",-57343,50,5000,\"LOW\", \"LOW\", \"SPIN\",-4514,\"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,\00:10:00\,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,\"Atmosphere\"
),
end;

request(JRM_080,
    START_TIME,2017-297T19:24:57.000,
    TITLE, \"jm0091_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2475)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I2_S1\",11,1,0,\"IDIS_SDIS\", \"HSSL\", \"ENABLE\", \"DARK\", \"DISABLE\",0,818,50,5000,\"LOW\", \"LOW\", \"POINT\",-57343,50,5000,\"LOW\", \"LOW\", \"SPIN\",-4153,\"NO_SUMMED_SCI\")
),
command(3,

```

			JIR-IAPS-SY-009-2018	
			Issue	1.0
	JUNO/JIRAM		Page	59

```

        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,\00:06:23\,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,\"Atmosphere\"
    ),
end;

request(JRM_081,
    START_TIME,2017-297T19:31:40.000,
    TITLE,\"jm0091_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_082,
    START_TIME,2017-297T19:32:13.000,
    TITLE,\"jm0091_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_S0\",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)
    ),

```

			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	60	of

```

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_09_013_PolarRegion_2017-297T19:32:13.000\"
),
end;

request(JRM_083,
  START_TIME,2017-297T19:34:56.000,
  TITLE, "jm0091_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,1875)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,23,1250,5000,"LOW","LOW",
"POINT",-57343,1250,5000,"LOW","LOW","SPIN",21242,"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,\"Io\"
),
end;

request(JRM_084,
  START_TIME,2017-297T19:44:56.000,
  TITLE, "jm0091_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,1875)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,18,1250,5000,"LOW","LOW",
"POINT",-57343,1250,5000,"LOW","LOW","SPIN",21429,"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,

```

			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	61	of

```

        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,\"Io\"
    ),
end;

request(JRM_085,
    START_TIME,2017-297T19:54:56.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,1875)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,14,1250,5000,"LOW","LOW",
"POINT",-57343,1250,5000,"LOW","LOW","SPIN",21534,"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,\"Io\"
    ),
end;

request(JRM_086,
    START_TIME,2017-297T20:04:56.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,1875)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,13,1250,5000,"LOW","LOW",
"POINT",-57343,1250,5000,"LOW","LOW","SPIN",21546,"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,

```

			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	62	of

```

        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,\"Io\"
    ),
end;

request (JRM_087,
    START_TIME,2017-297T20:14:56.000,
    TITLE, "jm0091_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,1875)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",3,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,102,1250,5000,"LOW","LOW",
        "POINT",-57343,1250,5000,"LOW","LOW","SPIN",21529,"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,\00:02:13\,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_088,
    START_TIME,2017-297T20:17:29.000,
    TITLE, "jm0091_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_089,
    START_TIME,2017-297T20:35:15.000,
    TITLE, "jm0091_JRM_Science",

```

			JIR-IAPS-SY-009-2018	
	Issue	1.0	30/05/18	
	JUNO/JIRAM		Page	63

```

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_S0",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_S0",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_S0",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_09_014_PolarRegion_2017-297T20:35:15.000\"
  ),
end;

request(JRM_090,
  START_TIME,2017-297T21:51:15.000,

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
		Page	64	of	68

```

TITLE, "jm0091_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_S0",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_S0",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_S0",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_09_015_EFP_SMainAurOval_2017-297T21:51:15.000\"
),
end;
request(JRM_091,

```


			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	65	of 68

```

START_TIME,2017-297T23:58:54.000,
TITLE, "jm0091_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_I2_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,11,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",22249,"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,\"Europa\"
),
end;

request(JRM_092,
START_TIME,2017-298T00:08:54.000,
TITLE, "jm0091_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_I2_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,11,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",22068,"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,\"Europa\"
),

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
			Page	66	of 68

```

end;

request (JRM_093,
        START_TIME,2017-298T00:18:54.000,
        TITLE, "jm0091_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_I2_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,11,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",21886,"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,\"Europa\"
        ),
end;

request (JRM_094,
        START_TIME,2017-298T00:28:54.000,
        TITLE, "jm0091_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_I2_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,11,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",21702,"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,

```

			JIR-IAPS-SY-009-2018		
	JUNO/JIRAM		Issue	1.0	30/05/18
			Page	67	of 68

```

        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Europa\"
    ),
end;

request(JRM_095,
        START_TIME,2017-298T00:38:54.000,
        TITLE, "jm0091_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_I2_S1",15,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,11,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",21537,"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,\00:08:25\,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\"
    ),
end;

request(JRM_096,
        START_TIME,2017-298T00:47:39.000,
        TITLE, "jm0091_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()
    ),
    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()
    ),

```

			JIR-IAPS-SY-009-2018		
			Issue	1.0	30/05/18
	JUNO/JIRAM		Page	68	of

```

        note(1,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            TEXT,\"NaN\"
        ),
end;

request(JRM_097,
    START_TIME,2017-298T00:51:59.000,
    TITLE, "jm0091_JRM-POWER_OFF",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,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_098,
    START_TIME,2017-298T00:52:15.000,
    TITLE, "jm0091_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_BE","NON_OPERATIONAL")
    ),
end;

$$EOF

```