



Juno JIRAM

Report JM0510

JIR-IAPS-SY-011-2023
Version 1.0

November 28, 2023

Prepared by:
R. Noschese, A. Cicchetti , R. Sordini

Approved by:
A. Mura

		JIR-IAPS-SY-011-2023		
		Issue	1.0	28/11/2023
	JUNO/JIRAM	Page	2	of 51

Table of Contents

1	INTRODUCTION.....	3
2	REFERENCES.....	3
3	ACTIVITY DESCRIPTION.....	3
4	RADIATION SEQUENCES.....	6
5	SCIENTIFIC GOALS.....	6
6	DATA COLLECTION OVERVIEW.....	8
	A.1 Commanding file (SASF).....	11

List of Figures

<i>Figure 1:</i>	Simulation with JSPT (JIRAM Software Planning Tool), coverage of the South Pole with filter M. The overlapping yellow strips represent the predicted FOVs.....	4
<i>Figure 2:</i>	Simulation with JSPT. Coverage of the South Pole with filter L, the magenta line represents the theoretical position of the main auroral oval.	5
<i>Figure 3:</i>	Atmospheric Mapping: Hot Spots - Imager filter M.	6

List of Tables

<i>Table 1:</i>	<i>Scientific Goals.</i>	8
<i>Table 2:</i>	<i>Data Overview.</i>	10

			JIR-IAPS-SY-011-2023		
			Issue	1.0	28/11/2023
	JUNO/JIRAM		Page	3	of

1 INTRODUCTION

This document describes the activities that JIRAM performed during the activity period JM0510 (PJ051), with particular attention to the comparison between the expected and returned data, keeping track of the instrument configuration with the commanding file (SASF).

2 REFERENCES

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, 2016. *Astrophys. Space Sci.* <https://doi.org/10.1007/s10509-016-2842-9>

Adriani, A., Filacchione, G., Di Iorio, T., Turrini, D., Noschese, R., Cicchetti, A., Grassi, D., Mura, A., Sindoni, G., Zambelli, M., Piccioni, G., Capria, M. T., Tosi, F., Orosei, R., Dinelli, B. M., Moriconi, M. L., Roncon, E., Lunine, J. I., Becker, H. N., Bini, A., Barbis, A., Calamai, L., Pasqui, C., Nencioni, S., Rossi, M., Lastri, M., Formaro, R., Olivieri, A., 2017. JIRAM, the Jovian Infrared Auroral Mapper. *Space Sci. Rev.* 213, 1–4, pp 393-446. <https://doi.org/10.1007/s11214-014-0094-y>.

Becker, H.N., Alexander, J.W., Adriani, A., Mura, A., Cicchetti, A., Noschese, R., Jørgensen, J.L., Denver, T., Sushkova, J., Jørgensen, A., Benn, M., Connerney, J.E.P., Bolton, S.J., the Selex Galileo Juno SRU Team, Allison, J., Watts, S., Adumitroaie, V., Manor-Chapman, E.A., Daubar, I.J., Lee, C., Kang, S., McAlpine, W.J., Di Iorio, T., Pasqui, C., Barbis, A., Lawton, P., Spalsbury, L., Loftin, S., Sun, J., 2017. The Juno Radiation Monitoring (RM) Investigation. *Space Sci. Rev.* 213, 1-4, pp 507-545. <https://10.1007/s11214-017-0345-9>.

R. Noschese, A. Cicchetti, R. Sordini, M. Cartacci, S. Brooks, M. Lastri, A. Adriani, A. Mura, G. Filacchione, H. Becker, A. Bini, C. Pasqui, A. Migliorini, M.L. Moriconi, D. Grassi, F. Altieri, B.M. Dinelli, G. Piccioni, F. Tosi, D. Turrini, G. Sindoni, A. Olivieri, C. Plainaki. Juno/JIRAM: planning and commanding activities. *Adv. Space Res.* (2019) <https://doi.org/10.1016/j.asr.2019.09.052>

3 ACTIVITY DESCRIPTION

During the PJ051 pass, JIRAM performed observations of the cyclones of the South Pole (see fig. 1 and fig. 2) and of the planet's limbs. In addition JIRAM achieved observations of the Jupiter's moon IO (not reported in the figures). Note that there is a spectral observation corresponding to each observation taken with the imager. Details about imager/spectrometer coupling and more in general about the instrument and its performance can be found in Adriani et al. (2017), Noschese et al. (2019). Due to an uncertainty in the actual pointing of the JIRAM frame (which is affected by the position of the despining mirror at the time of the observation), the JIRAM team found that the precision of the reconstruction of the geometry of both IMG and SPE pixels should be revised by a value of no

less than 0.1 degrees. We want to underline that this issue was only discovered during JM0131, when we started to do systematic limb observations near perijove (PJ) and we could compare the calculated position of the planet's limb, using the reconstructed kernels, with respect to its actual position in the image we collected with our instrument.

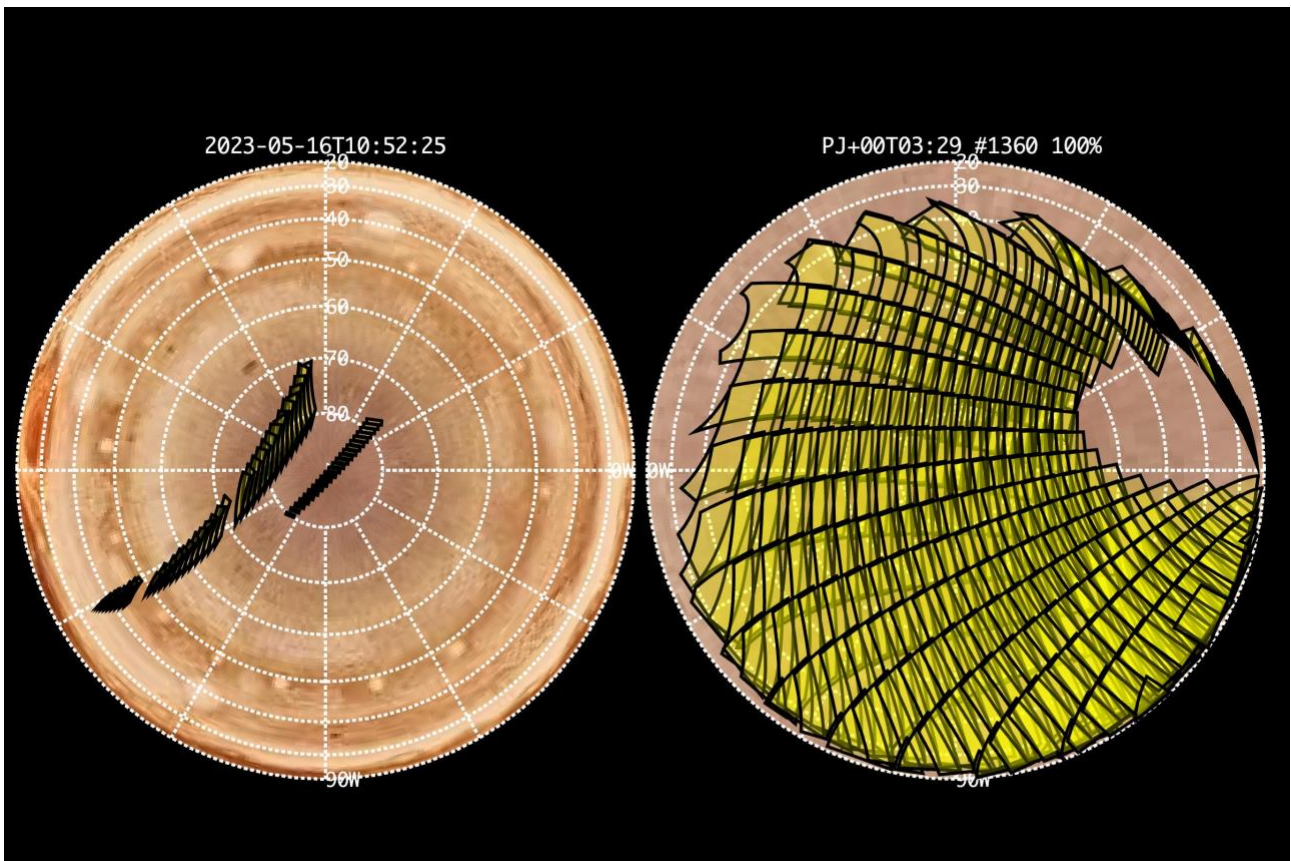


Figure 1: Simulation with JSPT (JIRAM Software Planning Tool), coverage of the South Pole with filter M. The overlapping yellow strips represent the predicted FOVs.

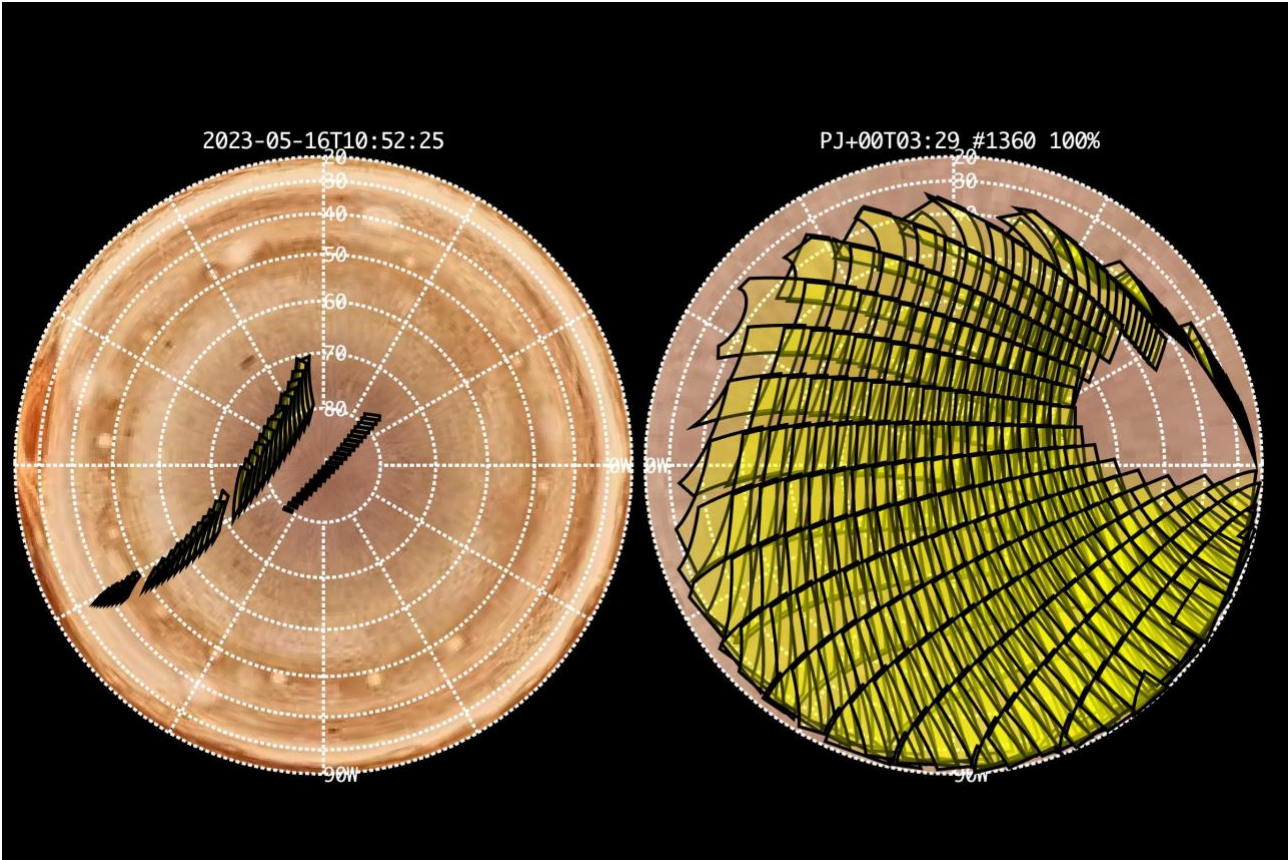


Figure 2: Simulation with JSPT. Coverage of the South Pole with filter L, the magenta line represents the theoretical position of the main auroral oval.

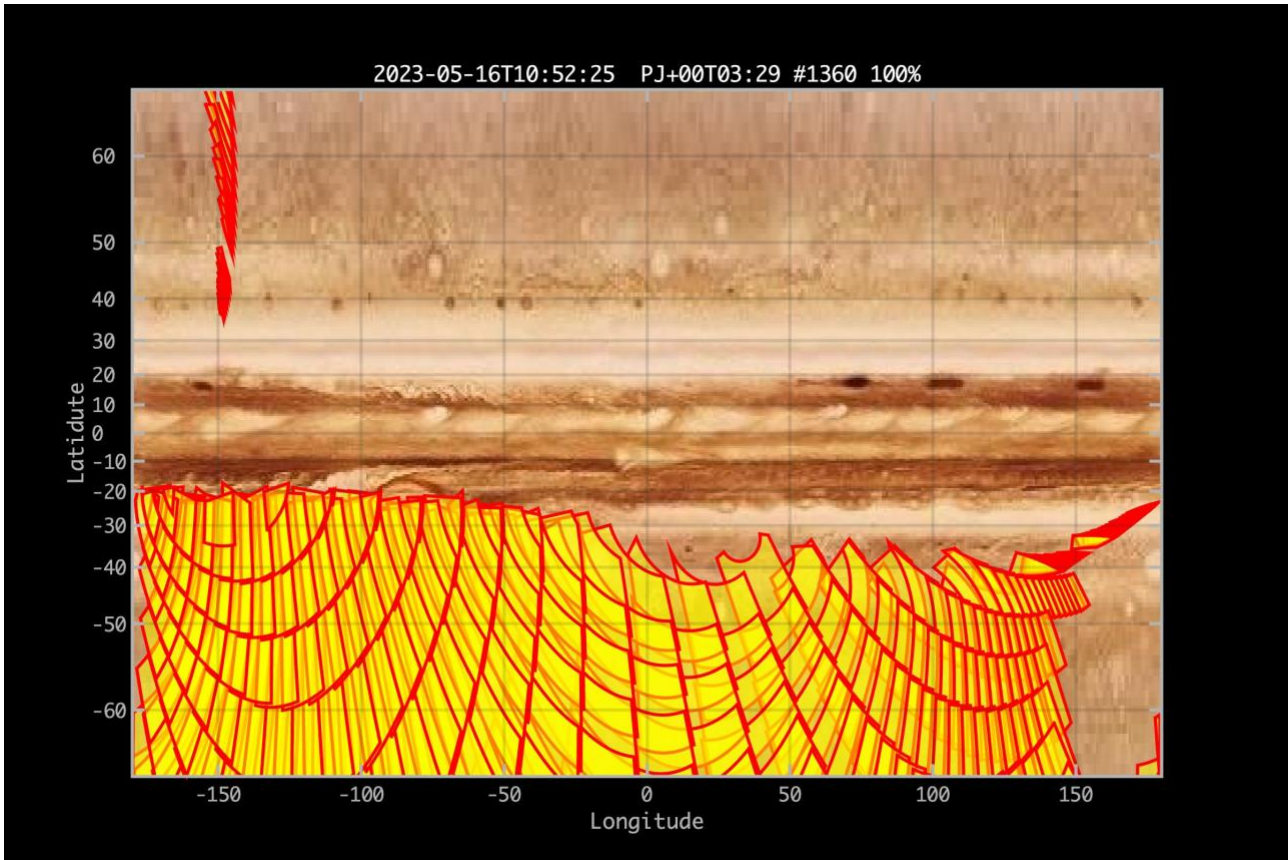


Figure 3: Atmospheric Mapping: Hot Spots - Imager filter M.

4 RADIATION SEQUENCES

N/A

5 SCIENTIFIC GOALS

Below is a table that describes for each science block in the commanding file the relative operational mode and the scientific objectives. The files relating to the various science blocks are shown in the file “JIR_STATUS_EDR_2023135T230401_V01.CSV” in the INDEX directory.

JRM (saf)	Operational Mode	Goals
JRM_004	SCI_H_S3	IO
JRM_005	SCI_H_S3	IO
JRM_006	SCI_H_S3	IO
JRM_007	SCI_H_S3	IO
JRM_008	SCI_H_S3	IO
JRM_009	SCI_H_S3	IO
JRM_010	SCI_H_S3	IO



JRM_011	SCI_H_S3	IO
JRM_012	SCI_H_S3	IO
JRM_013	SCI_H_S3	IO
JRM_014	SCI_H_S3	IO
JRM_015	SCI_H_S3	IO
JRM_016	SCI_H_S3	IO
JRM_017	SCI_H_S3	IO
JRM_018	SCI_H_S3	IO
JRM_019	SCI_H_S3	IO
JRM_020	SCI_H_S3	IO
JRM_021	SCI_H_S3	IO
JRM_022	SCI_H_S3	IO
JRM_023	SCI_H_S3	IO
JRM_024	SCI_H_S3	IO
JRM_025	SCI_H_S3	IO
JRM_026	SCI_H_S3	IO
JRM_027	SCI_H_S3	IO
JRM_028	SCI_H_S3	IO
JRM_029	SCI_H_S3	IO
JRM_030	SCI_H_S3	IO
JRM_031	SCI_H_S3	IO
JRM_032	SCI_H_S3	IO
JRM_033	SCI_H_S3	IO
JRM_034	SCI_H_S3	IO
JRM_035	SCI_H_S3	IO
JRM_036	SCI_H_S3	IO
JRM_037	SCI_H_S3	IO
JRM_038	SCI_H_S3	IO
JRM_039	SCI_H_S3	IO
JRM_040	SCI_H_S3	IO
JRM_044	SCI_H_S3	IO
JRM_045	SCI_H_S3	IO
JRM_046	SCI_H_S3	IO
JRM_047	SCI_H_S3	IO
JRM_048	SCI_H_S3	IO
JRM_049	SCI_H_S3	IO
JRM_050	SCI_H_S3	IO
JRM_051	SCI_H_S1	NORTH POLE
JRM_052	SCI_H_S1	LIMB UP
JRM_053	SCI_H_S1	LIMB UP
JRM_054	SCI_H_S1	LIMB UP
JRM_058	SCI_H_S1	LIMB DOWN
JRM_059	SCI_H_S1	LIMB DOWN
JRM_060	SCI_H_S1	LIMB DOWN
JRM_061	SCI_H_S1	SOUTH POLE
JRM_062	SCI_H_S1	SOUTH POLE
JRM_063	SCI_H_S1	SOUTH POLE
JRM_064	SCI_H_S1	SOUTH POLE
JRM_065	SCI_H_S1	SOUTH POLE
JRM_066	SCI_H_S1	SOUTH POLE
JRM_067	SCI_H_S1	SOUTH POLE
JRM_068	SCI_H_S1	SOUTH POLE

JRM_069	SCI_I1_S1	SOUTH POLE
JRM_070	SCI_I1_S1	SOUTH POLE
JRM_071	SCI_I1_S1	SOUTH POLE
JRM_072	SCI_I1_S1	SOUTH POLE
JRM_073	SCI_I1_S1	SOUTH POLE
JRM_074	SCI_I1_S1	SOUTH POLE
JRM_075	SCI_I1_S1	SOUTH POLE
JRM_076	SCI_I1_S1	SOUTH POLE
JRM_077	SCI_I1_S1	SOUTH POLE

Table 1: Scientific Goals.

6 DATA COLLECTION OVERVIEW

Below is a table that gives an overview of the data collected during the activity period JM0510. The table describes, for each science block in the commanding file, the programmed operational modes and the data actually collected.

JRM (sastf)	Operational Mode	Observations	Packets Retrieved	Packets Expected	Missing Observations SPE	Missing Observations IMG
JRM_004	SCI_I1_S3	20 IMG 20 SPE	180	180	0	0
JRM_005	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_006	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_007	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_008	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_009	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_010	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_011	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_012	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_013	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_014	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_015	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_016	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0

JRM_017	SCI_I1_S3	18 IMG 18 SPE	162	162		
JRM_018	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_019	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_020	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_021	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_022	SCI_I1_S3	17 IMG 17 SPE	153	153	0	0
JRM_023	SCI_I1_S3	20 IMG 20 SPE	180	180	0	0
JRM_024	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_025	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_026	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_027	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_028	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_029	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_030	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_031	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_032	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_033	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_034	SCI_I1_S3	20 IMG 20 SPE	180	180	0	0
JRM_035	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_036	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_037	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_038	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_039	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_040	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_044	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_045	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_046	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_047	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0

JRM_048	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_049	SCI_I1_S3	18 IMG 18 SPE	162	162	0	0
JRM_050	SCI_I1_S3	4 IMG 4 SPE	36	36	0	0
JRM_051	SCI_I1_S1	22 IMG 22 SPE	264	264	0	0
JRM_052	SCI_I1_S1	15 IMG 15 SPE	180	180	0	0
JRM_053	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_054	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_058	SCI_I1_S1	14 IMG 14 SPE	168	168	0	0
JRM_059	SCI_I1_S1	12 IMG 12 SPE	144	144	0	0
JRM_060	SCI_I1_S1	10 IMG 10 SPE	120	120	0	0
JRM_061	SCI_I1_S1	20 IMG 20 SPE	240	240	0	0
JRM_062	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_063	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_064	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_065	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_066	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_067	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_068	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_069	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_070	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_071	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_072	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_073	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_074	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_075	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_076	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_077	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0

Table 2: Data Overview.

			JIR-IAPS-SY-011-2023		
			Issue	1.0	28/11/2023
	JUNO/JIRAM		Page	11	of 51

A.1 Commanding file (SASF)

```

*****
*****
CCSD3ZF0000100000001NJPL3KS0L015$$MARK$$;
MISSION_NAME = JUNO;
SPACECRAFT_NAME = JUNO;
DATA_SET_ID = SPACECRAFT_ACTIVITY_SEQUENCE_JRM;
FILE_NAME = jm0510_JRMa.sasf;
APPLICABLE_START_TIME = 2023-135T07:00:00.000;
APPLICABLE_STOP_TIME = 2023-173T06:00:00.000;
PRODUCT_CREATION_TIME = 2023-108T14:51:51.000;
PRODUCER_ID = JRMTEAM;
SEQ_ID = jm0510_JRMa;
HOST_ID = JRM_CMD_510_510_V02.jrm;
CCSD3RE00000$$MARK$$NJPL3IF0M01300000001;
$$JNO      SPACECRAFT ACTIVITY SEQUENCE FILE
*****
*PROJECT      JNO
*SPACECRAFT   61
*OPERATOR     JRMTEAM
*FILE_CMPLT   TRUE
*DATE         Tue Apr 18 14:51:51 2023
*BEGIN        2023-135T07:00:00.000
*CUTOFF       2023-173T06:00:00.000
*TITLE        jm0510_JRMa
*EPOCHS_DEF
*jm0510_JRM,      2023-135T07:00:00.000
*EPOCHS_END
*Input files used:
*File Type Last modified      File name
*PACKETS_NUMBER 12273
*****
$$EOH
$$EOD
request(JRM_Sequence_Management_Request,
        START_TIME,2023-135T07:00:00.000,
        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","jm0510_JRM","jm0510_JRM.abs","d:/seq")
        ),
        command(2,
        SCHEDULED_TIME,\00:00:30\,FROM_PREVIOUS_START,
        FILE_DELETE("d:/seq/jm0510_JRM.abs")
        ),
        command(3,
        SCHEDULED_TIME,\037T22:59:58\,FROM_REQUEST_START,
        VM_LOAD(20,"d:/seq/jm0520_JRM.abs")
        ),
        end;

request(JRM_001,
        START_TIME,2023-135T17:39:20.000,
        TITLE, "jm0510_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","OPERATIONAL")
        ),
        command(2,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	12

```

        SCHEDULED_TIME,\00:00:01\,FROM_PREVIOUS_START,
        THRM_SET_PT_SEL("JIRAM_DECON","OPERATIONAL")
    ),
    command(3,
        SCHEDULED_TIME,\03:10:00\,FROM_PREVIOUS_START,
        THRM_SET_PT_SEL("JIRAM_ELECT_BP","OPERATIONAL")
    ),
        note(1,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            TEXT,\"NaN\"
        ),
end;

request(JRM_002,
    START_TIME,2023-135T23:00:20.000,
    TITLE, "jm0510_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,2023-135T23:03:03.000,
    TITLE, "jm0510_JRM_StandBy",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(111,2)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STANDBY("ON","ON","OFF")
    ),
    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",2294,"NO_SUMMED_SCI")
    ),
        note(1,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            TEXT,\"NaN\"
        ),
end;

request(JRM_004,
    START_TIME,2023-135T23:03:15.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2485)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,48,30,5000,"LOW","LOW",
"POINT",-57343,30,5000,"LOW","LOW","SPIN",-3334,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	13

```

        JRM_START_HS_REC ()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE ()
    ),
    command(5,
        SCHEDULED_TIME,\00:10:51\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG ()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC ()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io\"
    ),
end;

request (JRM_005,
    START_TIME,2023-135T23:14:27.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2490)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,54,20,5000,"LOW","LOW",
        ,"POINT",-57343,20,5000,"LOW","LOW","SPIN",-3410,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC ()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE ()
    ),
    command(5,
        SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG ()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC ()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io\"
    ),
end;

request (JRM_006,
    START_TIME,2023-135T23:24:37.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2495)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,54,10,5000,"LOW","LOW",
        ,"POINT",-57343,10,5000,"LOW","LOW","SPIN",-3482,"NO_SUMMED_SCI")
    ),
end;

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	14

```

),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"Io\"
),
end;

request(JRM_007,
  START_TIME,2023-135T23:34:47.000,
  TITLE,\"jm0510_JRM_Science\",
  REQUESTOR,\"JRMTEAM\",
  PROCESSOR,\"VC2\",
  KEY,\"No_Key\")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2485)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR(\"SCI_I1_S3\",18,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,55,30,5000,\"LOW\",\"LOW\",
  \"POINT\",-57343,30,5000,\"LOW\",\"LOW\",\"SPIN\",-3559,\"NO_SUMMED_SCI\")
),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"Io\"
),
end;

request(JRM_008,
  START_TIME,2023-135T23:44:57.000,
  TITLE,\"jm0510_JRM_Science\",
  REQUESTOR,\"JRMTEAM\",
  PROCESSOR,\"VC2\",
  KEY,\"No_Key\")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2490)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	15

```

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,55,20,5000,"LOW","LOW"
,"POINT",-57343,20,5000,"LOW","LOW","SPIN",-3619,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(4,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(5,
SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
command(6,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Io\"\\
),
end;

request(JRM_009,
START_TIME,2023-135T23:55:07.000,
TITLE,"jm0510_JRM_Science",
REQUESTOR,"JRMTEAM",
PROCESSOR,"VC2",
KEY,"No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2495)
),
command(2,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,55,10,5000,"LOW","LOW"
,"POINT",-57343,10,5000,"LOW","LOW","SPIN",-3674,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(4,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(5,
SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
command(6,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Io\"\\
),
end;

request(JRM_010,
START_TIME,2023-136T00:05:17.000,
TITLE,"jm0510_JRM_Science",
REQUESTOR,"JRMTEAM",
PROCESSOR,"VC2",
KEY,"No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2485)

```

			JIR-IAPS-SY-011-2023		
			Issue	1.0	28/11/2023
	JUNO/JIRAM		Page	16	of 51

```

),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,56,30,5000,"LOW","LOW",
,"POINT",-57343,30,5000,"LOW","LOW","SPIN",-3730,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,"Io"
),
end;

request(JRM_011,
    START_TIME,2023-136T00:15:27.000,
    TITLE,"jm0510_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2490)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,56,20,5000,"LOW","LOW",
,"POINT",-57343,20,5000,"LOW","LOW","SPIN",-3766,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,"Io"
),
end;

request(JRM_012,
    START_TIME,2023-136T00:25:37.000,
    TITLE,"jm0510_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")

```


			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	17

```

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2495)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,57,10,5000,"LOW","LOW",
,"POINT",-57343,10,5000,"LOW","LOW","SPIN",-3799,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\ "Io" \
),
end;

request(JRM_013,
    START_TIME,2023-136T00:35:47.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2485)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,58,30,5000,"LOW","LOW",
,"POINT",-57343,30,5000,"LOW","LOW","SPIN",-3816,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\ "Io" \
),
end;

request(JRM_014,
    START_TIME,2023-136T00:45:57.000,
    TITLE, "jm0510_JRM_Science",

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	18

```

REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
  JRM_SET_PAR(74,2490)
),
command(2,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,59,20,5000,"LOW","LOW"
,"POINT",-57343,20,5000,"LOW","LOW","SPIN",-3814,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME, \00:09:49\, FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
  TEXT, \Io\
),
end;

request(JRM_015,
  START_TIME, 2023-136T00:56:07.000,
  TITLE, "jm0510_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
  JRM_SET_PAR(74,2495)
),
command(2,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,60,10,5000,"LOW","LOW"
,"POINT",-57343,10,5000,"LOW","LOW","SPIN",-3788,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME, \00:09:49\, FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
  TEXT, \Io\
),
end;

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	19

```

request (JRM_016,
        START_TIME,2023-136T01:06:17.000,
        TITLE, "jm0510_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,2485)
        ),
    command(2,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,63,30,5000,"LOW","LOW"
,"POINT",-57343,30,5000,"LOW","LOW","SPIN",-3740,"NO_SUMMED_SCI")
        ),
    command(3,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_START_HS_REC()
        ),
    command(4,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCIENCE()
        ),
    command(5,
            SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
            JRM_ERROR_LOG()
        ),
    command(6,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_STOP_HS_REC()
        ),
    note(1,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            TEXT,\ "Io"\
        ),
end;

request (JRM_017,
        START_TIME,2023-136T01:16:27.000,
        TITLE, "jm0510_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,2490)
        ),
    command(2,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,66,20,5000,"LOW","LOW"
,"POINT",-57343,20,5000,"LOW","LOW","SPIN",-3659,"NO_SUMMED_SCI")
        ),
    command(3,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_START_HS_REC()
        ),
    command(4,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCIENCE()
        ),
    command(5,
            SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
            JRM_ERROR_LOG()
        ),
    command(6,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_STOP_HS_REC()
        ),
    note(1,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            TEXT,\ "Io"\
        ),

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	20

```

),
end;

request (JRM_018,
        START_TIME,2023-136T01:26:37.000,
        TITLE, "jm0510_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,2495)
        ),
    command(2,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,69,10,5000,"LOW","LOW",
,"POINT",-57343,10,5000,"LOW","LOW","SPIN",-3526,"NO_SUMMED_SCI")
        ),
    command(3,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_START_HS_REC()
        ),
    command(4,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCIENCE()
        ),
    command(5,
            SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
            JRM_ERROR_LOG()
        ),
    command(6,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_STOP_HS_REC()
        ),
    note(1,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            TEXT,"Io"
        ),
end;

request (JRM_019,
        START_TIME,2023-136T01:36:47.000,
        TITLE, "jm0510_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,2485)
        ),
    command(2,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,74,30,5000,"LOW","LOW",
,"POINT",-57343,30,5000,"LOW","LOW","SPIN",-3330,"NO_SUMMED_SCI")
        ),
    command(3,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_START_HS_REC()
        ),
    command(4,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCIENCE()
        ),
    command(5,
            SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
            JRM_ERROR_LOG()
        ),
    command(6,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_STOP_HS_REC()
        ),
),

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	21

```

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

request(JRM_020,
    START_TIME,2023-136T01:46:57.000,
    TITLE,\"jm0510_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2490)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S3\",18,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,80,20,5000,\"LOW\",\"LOW\",
    \"POINT\",-57343,20,5000,\"LOW\",\"LOW\",\"SPIN\",-3052,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Io\"
),
end;

request(JRM_021,
    START_TIME,2023-136T01:57:07.000,
    TITLE,\"jm0510_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2495)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S3\",18,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,89,10,5000,\"LOW\",\"LOW\",
    \"POINT\",-57343,10,5000,\"LOW\",\"LOW\",\"SPIN\",-2652,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	22

```

        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io\"
    ),
end;

request(JRM_022,
    START_TIME,2023-136T02:07:17.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2485)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S3",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,108,30,5000,"LOW","LOW",
    ,"POINT",-57343,30,5000,"LOW","LOW","SPIN",-2090,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:19\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io\"
    ),
end;

request(JRM_023,
    START_TIME,2023-136T02:16:57.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2490)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S3",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,125,20,5000,"LOW","LOW",
    ,"POINT",-57343,20,5000,"LOW","LOW","SPIN",-1222,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:10:50\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	23

```

        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io\"
    ),
end;

request(JRM_024,
    START_TIME,2023-136T02:28:08.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2495)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,179,10,5000,"LOW","LOW",
        "POINT",-57343,10,5000,"LOW","LOW","SPIN",21,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io\"
    ),
end;

request(JRM_025,
    START_TIME,2023-136T02:38:18.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2490)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,260,20,5000,"LOW","LOW",
        "POINT",-57343,20,5000,"LOW","LOW","SPIN",2074,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    )

```



Issue	1.0	28/11/2023	
Page	24	of	51

JUNO/JIRAM

```
),
command(5,
  SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"Io\"
),
end;

request(JRM_026,
  START_TIME,2023-136T02:48:28.000,
  TITLE, "jm0510_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2495)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,390,10,5000,"LOW","LOW",
  ,"POINT",-57343,10,5000,"LOW","LOW","SPIN",5130,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"Io\"
),
end;

request(JRM_027,
  START_TIME,2023-136T02:58:38.000,
  TITLE, "jm0510_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2490)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,530,20,5000,"LOW","LOW",
  ,"POINT",-57343,20,5000,"LOW","LOW","SPIN",10497,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
```


			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	25

```

command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:52\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Io\"
),
end;

request(JRM_028,
    START_TIME,2023-136T03:08:48.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2495)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,555,10,5000,"LOW","LOW",
    ,"POINT",-57343,10,5000,"LOW","LOW","SPIN",18550,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:52\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Io\"
),
end;

request(JRM_029,
    START_TIME,2023-136T03:18:58.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2490)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,397,20,5000,"LOW","LOW",
    ,"POINT",-57343,20,5000,"LOW","LOW","SPIN",26659,"NO_SUMMED_SCI")
),
command(3,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	26

```

        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io\"
    ),
end;

request(JRM_030,
    START_TIME,2023-136T03:29:08.000,
    TITLE,\"jm0510_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2495)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR(\"SCI_I1_S3\",18,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,268,10,5000,\"LOW\",\"LOW\",
        \",\"POINT\",-57343,10,5000,\"LOW\",\"LOW\",\"SPIN\",32387,\"NO_SUMMED_SCI\")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io\"
    ),
end;

request(JRM_031,
    START_TIME,2023-136T03:39:18.000,
    TITLE,\"jm0510_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2490)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	27

```

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,188,20,5000,"LOW","LOW",
", "POINT",-57343,20,5000,"LOW","LOW","SPIN",35847,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(4,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(5,
SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
command(6,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Io\"\\
),
end;

request(JRM_032,
START_TIME,2023-136T03:49:28.000,
TITLE, "jm0510_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2495)
),
command(2,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,142,10,5000,"LOW","LOW",
", "POINT",-57343,10,5000,"LOW","LOW","SPIN",37919,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(4,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(5,
SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
command(6,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Io\"\\
),
end;

request(JRM_033,
START_TIME,2023-136T03:59:38.000,
TITLE, "jm0510_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2490)

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	28

```

),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,114,20,5000,"LOW","LOW",
,"POINT",-57343,20,5000,"LOW","LOW","SPIN",39194,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,"Io"
),
end;

request(JRM_034,
    START_TIME,2023-136T04:09:49.000,
    TITLE,"jm0510_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2485)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S3",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,71,30,5000,"LOW","LOW",
,"POINT",-57343,30,5000,"LOW","LOW","SPIN",40071,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:10:50\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,"Io"
),
end;

request(JRM_035,
    START_TIME,2023-136T04:21:00.000,
    TITLE,"jm0510_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	29

```

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2490)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,67,20,5000,"LOW","LOW",
,"POINT",-57343,20,5000,"LOW","LOW","SPIN",40537,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\ "Io"\
),
end;

request(JRM_036,
    START_TIME,2023-136T04:31:10.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2495)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,58,10,5000,"LOW","LOW",
,"POINT",-57343,10,5000,"LOW","LOW","SPIN",40786,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\ "Io"\
),
end;

request(JRM_037,
    START_TIME,2023-136T04:41:20.000,
    TITLE, "jm0510_JRM_Science",

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	30

```

REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
  JRM_SET_PAR(74,2485)
),
command(2,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,50,30,5000,"LOW","LOW"
,"POINT",-57343,30,5000,"LOW","LOW","SPIN",40885,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME, \00:09:50\, FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
  TEXT, \Io\
),
end;

request(JRM_038,
  START_TIME, 2023-136T04:51:30.000,
  TITLE, "jm0510_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
  JRM_SET_PAR(74,2490)
),
command(2,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,45,20,5000,"LOW","LOW"
,"POINT",-57343,20,5000,"LOW","LOW","SPIN",40850,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME, \00:09:50\, FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
  TEXT, \Io\
),
end;

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	31

```

request (JRM_039,
        START_TIME,2023-136T05:01:40.000,
        TITLE, "jm0510_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2495)
        ),
command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,39,10,5000,"LOW","LOW"
,"POINT",-57343,10,5000,"LOW","LOW","SPIN",40713,"NO_SUMMED_SCI")
        ),
command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
        ),
command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
        ),
command(5,
        SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
        ),
command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
        ),
        note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\ "Io"\
        ),
end;

request (JRM_040,
        START_TIME,2023-136T05:11:50.000,
        TITLE, "jm0510_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2485)
        ),
command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,35,30,5000,"LOW","LOW"
,"POINT",-57343,30,5000,"LOW","LOW","SPIN",40475,"NO_SUMMED_SCI")
        ),
command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
        ),
command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
        ),
command(5,
        SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
        ),
command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
        ),
        note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\ "Io"\

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	32

```

    ),
end;

request (JRM_041,
        START_TIME,2023-136T05:22:01.000,
        TITLE, "jm0510_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,2490)
        ),
    command(2,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,29,20,5000,"LOW","LOW",
,"POINT",-57343,20,5000,"LOW","LOW","SPIN",40155,"NO_SUMMED_SCI")
        ),
    command(3,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_START_HS_REC()
        ),
    command(4,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCIENCE()
        ),
    command(5,
            SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
            JRM_ERROR_LOG()
        ),
    command(6,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_STOP_HS_REC()
        ),
    note(1,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            TEXT,"Io"
        ),
end;

request (JRM_042,
        START_TIME,2023-136T05:32:11.000,
        TITLE, "jm0510_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,2495)
        ),
    command(2,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,23,10,5000,"LOW","LOW",
,"POINT",-57343,10,5000,"LOW","LOW","SPIN",39740,"NO_SUMMED_SCI")
        ),
    command(3,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_START_HS_REC()
        ),
    command(4,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCIENCE()
        ),
    command(5,
            SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
            JRM_ERROR_LOG()
        ),
    command(6,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_STOP_HS_REC()
        ),
    ),

```


			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	33

```

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

request(JRM_043,
    START_TIME,2023-136T05:42:21.000,
    TITLE,\"jm0510_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2485)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S3\",18,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,17,30,5000,\"LOW\",\"LOW\",
    \"POINT\",-57343,30,5000,\"LOW\",\"LOW\",\"SPIN\",39229,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Io\"
),
end;

request(JRM_044,
    START_TIME,2023-136T05:52:31.000,
    TITLE,\"jm0510_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2490)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S3\",18,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,10,20,5000,\"LOW\",\"LOW\",
    \"POINT\",-57343,20,5000,\"LOW\",\"LOW\",\"SPIN\",38595,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	34

```

        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io\"
    ),
end;

request(JRM_045,
    START_TIME,2023-136T06:02:42.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2495)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,1,10,5000,"LOW","LOW",
    "POINT",-57343,10,5000,"LOW","LOW","SPIN",37833,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:49\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io\"
    ),
end;

request(JRM_046,
    START_TIME,2023-136T06:12:52.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2485)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,1,30,5000,"LOW","LOW",
    "POINT",-57343,30,5000,"LOW","LOW","SPIN",36804,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	35

```

        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io\"
    ),
end;

request(JRM_047,
    START_TIME,2023-136T06:23:02.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2490)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,1,20,5000,"LOW","LOW",
        "POINT",-57343,20,5000,"LOW","LOW","SPIN",35519,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io\"
    ),
end;

request(JRM_048,
    START_TIME,2023-136T06:33:13.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2495)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,2,10,5000,"LOW","LOW",
        "POINT",-57343,10,5000,"LOW","LOW","SPIN",33864,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    )

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	36

```

),
command(5,
  SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"Io\"
),
end;

request(JRM_049,
  START_TIME,2023-136T06:43:23.000,
  TITLE, "jm0510_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2485)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S3",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,3,30,5000,"LOW","LOW",
  "POINT",-57343,30,5000,"LOW","LOW","SPIN",31658,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"Io\"
),
end;

request(JRM_050,
  START_TIME,2023-136T06:53:34.000,
  TITLE, "jm0510_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2485)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S3",4,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,27,30,5000,"LOW","LOW",
  "POINT",-57343,30,5000,"LOW","LOW","SPIN",29813,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	37

```

command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:02:43\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Io\"
),
end;

request(JRM_051,
    START_TIME,2023-136T06:56:38.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2490)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",22,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,5,20,5000,"LOW","LOW",
    "POINT",-57343,20,5000,"LOW","LOW","SPIN",5676,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:11:53\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,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,2023-136T07:08:51.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2490)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",15,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,149,20,5000,"LOW","LOW",
    "POINT",-57343,20,5000,"LOW","LOW","SPIN",20013,"NO_SUMMED_SCI")
),
command(3,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	38

```

        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:08:20\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Limb Up\"
    ),
end;

request(JRM_053,
    START_TIME,2023-136T07:17:32.000,
    TITLE,\"jm0510_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2490)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR(\"SCI_I1_S1\",13,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,128,20,5000,\"LOW\",\"LOW\",
        \",\"POINT\",-57343,20,5000,\"LOW\",\"LOW\",\"SPIN\",22372,\"NO_SUMMED_SCI\")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:07:18\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Limb Up\"
    ),
end;

request(JRM_054,
    START_TIME,2023-136T07:25:11.000,
    TITLE,\"jm0510_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2490)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	39

```

JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,20,5000,"LOW","LOW",
"POINT",-57343,20,5000,"LOW","LOW","SPIN",23244,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(4,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(5,
SCHEDULED_TIME,\00:07:18\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
command(6,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Limb Up\"
),
end;

request(JRM_055,
START_TIME,2023-136T07:32:41.000,
TITLE,\"jm0510_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_056,
START_TIME,2023-136T07:40:39.000,
TITLE,\"jm0510_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_057,
START_TIME,2023-136T07:43:22.000,
TITLE,\"jm0510_JRM_StandBy\",
REQUESTOR,\"JRMTEAM\",
PROCESSOR,\"VC2\",
KEY,\"No_Key\")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(111,10)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_STANDBY(\"ON\",\"ON\",\"OFF\")
),
command(3,

```

			JIR-IAPS-SY-011-2023		
			Issue	1.0	28/11/2023
	JUNO/JIRAM		Page	40	of 51

```

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

JRM_SCI_PAR("SCI_I1_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_058,
START_TIME,2023-136T07:43:34.000,
TITLE,"jm0510_JRM_Science",
REQUESTOR,"JRMTEAM",
PROCESSOR,"VC2",
KEY,"No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2490)
),
command(2,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",14,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,149,20,5000,"LOW","LOW",
"POINT",-57343,20,5000,"LOW","LOW","SPIN",-11685,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(4,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(5,
SCHEDULED_TIME,\00:07:48\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
command(6,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Limb Down\"
),
),
end;

request(JRM_059,
START_TIME,2023-136T07:51:43.000,
TITLE,"jm0510_JRM_Science",
REQUESTOR,"JRMTEAM",
PROCESSOR,"VC2",
KEY,"No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2490)
),
command(2,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",12,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,126,20,5000,"LOW","LOW",
"POINT",-57343,20,5000,"LOW","LOW","SPIN",-9897,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(4,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
),

```


			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	41

```

command(5,
    SCHEDULED_TIME,\00:06:47\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Limb Down\"
),
end;

request(JRM_060,
    START_TIME,2023-136T07:58:51.000,
    TITLE,\"jm0510_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2490)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S1\",10,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,108,20,5000,\"LOW\",\"LOW\",
    \"POINT\",-57343,20,5000,\"LOW\",\"LOW\",\"SPIN\",-8681,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:05:45\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Limb Down\"
),
end;

request(JRM_061,
    START_TIME,2023-136T08:05:28.000,
    TITLE,\"jm0510_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2490)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S1\",20,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,434,20,5000,\"LOW\",\"LOW\",
    \"POINT\",-57343,20,5000,\"LOW\",\"LOW\",\"SPIN\",-9337,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	42

```

        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:10:53\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"South Pole\"
    ),
end;

request(JRM_062,
    START_TIME,2023-136T08:16:39.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2490)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,445,20,5000,"LOW","LOW",
", "POINT",-57343,20,5000,"LOW","LOW","SPIN",-7998,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"South Pole\"
    ),
end;

request(JRM_063,
    START_TIME,2023-136T08:26:50.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2490)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,414,20,5000,"LOW","LOW",
", "POINT",-57343,20,5000,"LOW","LOW","SPIN",-6081,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	43

```

        JRM_START_HS_REC ()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE ()
    ),
    command(5,
        SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG ()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC ()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"South Pole\"
    ),
end;

request (JRM_064,
    START_TIME,2023-136T08:37:00.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2490)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,391,20,5000,"LOW","LOW",
", "POINT",-57343,20,5000,"LOW","LOW","SPIN",-4734,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC ()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE ()
    ),
    command(5,
        SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG ()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC ()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"South Pole\"
    ),
end;

request (JRM_065,
    START_TIME,2023-136T08:47:10.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2490)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,377,20,5000,"LOW","LOW",
", "POINT",-57343,20,5000,"LOW","LOW","SPIN",-3789,"NO_SUMMED_SCI")

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	44

```

),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"South Pole\"
),
end;

request(JRM_066,
  START_TIME,2023-136T08:57:21.000,
  TITLE,\"jm0510_JRM_Science\",
  REQUESTOR,\"JRMTEAM\",
  PROCESSOR,\"VC2\",
  KEY,\"No_Key\")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2490)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR(\"SCI_I1_S1\",18,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,367,20,5000,\"LOW\",\"LOW\",
  \"POINT\",-57343,20,5000,\"LOW\",\"LOW\",\"SPIN\",-3099,\"NO_SUMMED_SCI\")
),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"South Pole\"
),
end;

request(JRM_067,
  START_TIME,2023-136T09:07:31.000,
  TITLE,\"jm0510_JRM_Science\",
  REQUESTOR,\"JRMTEAM\",
  PROCESSOR,\"VC2\",
  KEY,\"No_Key\")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2490)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	45

```

JRM_SCI_PAR("SCI_I1_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,360,20,5000,"LOW","LOW",
",POINT",-57343,20,5000,"LOW","LOW","SPIN",-2587,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(4,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(5,
SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
command(6,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"South Pole\"
),
end;

request(JRM_068,
START_TIME,2023-136T09:17:41.000,
TITLE, "jm0510_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2490)
),
command(2,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,354,20,5000,"LOW","LOW",
",POINT",-57343,20,5000,"LOW","LOW","SPIN",-2200,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(4,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(5,
SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
command(6,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"South Pole\"
),
end;

request(JRM_069,
START_TIME,2023-136T09:27:51.000,
TITLE, "jm0510_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2490)

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	46

```

),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,351,20,5000,"LOW","LOW",
", "POINT",-57343,20,5000,"LOW","LOW","SPIN",-1899,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"South Pole\"
),
end;

request(JRM_070,
    START_TIME,2023-136T09:38:01.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2490)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,349,20,5000,"LOW","LOW",
", "POINT",-57343,20,5000,"LOW","LOW","SPIN",-1662,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"South Pole\"
),
end;

request(JRM_071,
    START_TIME,2023-136T09:48:11.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	47

```

command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2490)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,346,20,5000,"LOW","LOW",
", "POINT",-57343,20,5000,"LOW","LOW","SPIN",-1471,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:02\,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,2023-136T09:58:22.000,
  TITLE, "jm0510_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2490)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,344,20,5000,"LOW","LOW",
", "POINT",-57343,20,5000,"LOW","LOW","SPIN",-1316,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:02\,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,2023-136T10:08:32.000,
  TITLE, "jm0510_JRM_Science",

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	48

```

REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
  JRM_SET_PAR(74,2490)
),
command(2,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,343,20,5000,"LOW","LOW",
", "POINT",-57343,20,5000,"LOW","LOW","SPIN",-1189,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME, \00:09:50\, FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME, \00:00:02\, 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, 2023-136T10:18:42.000,
  TITLE, "jm0510_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
  JRM_SET_PAR(74,2490)
),
command(2,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,343,20,5000,"LOW","LOW",
", "POINT",-57343,20,5000,"LOW","LOW","SPIN",-1083,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME, \00:09:50\, FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
  TEXT, \ "South Pole" \
),
end;

```


			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	49

```

request (JRM_075,
    START_TIME,2023-136T10:28:52.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2490)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,342,20,5000,"LOW","LOW",
", "POINT",-57343,20,5000,"LOW","LOW","SPIN",-994,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,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,2023-136T10:39:02.000,
    TITLE, "jm0510_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2490)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",18,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,341,20,5000,"LOW","LOW",
", "POINT",-57343,20,5000,"LOW","LOW","SPIN",-919,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:09:50\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"South Pole\"
    )

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	50

```

),
end;

request (JRM_077,
        START_TIME,2023-136T10:49:12.000,
        TITLE, "jm0510_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,2490)
        ),
    command(2,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,1151,20,5000,"LOW","LOW",
            ,"POINT",-57343,20,5000,"LOW","LOW","SPIN",-852,"NO_SUMMED_SCI")
        ),
    command(3,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_START_HS_REC()
        ),
    command(4,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCIENCE()
        ),
    command(5,
            SCHEDULED_TIME,\00:03:44\,FROM_PREVIOUS_START,
            JRM_ERROR_LOG()
        ),
    command(6,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_STOP_HS_REC()
        ),
    note(1,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            TEXT,\"South Pole\"
        ),
end;

request (JRM_078,
        START_TIME,2023-136T10:53:08.000,
        TITLE, "jm0510_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_079,
        START_TIME,2023-136T10:53:24.000,
        TITLE, "jm0510_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,

```

			JIR-IAPS-SY-011-2023	
			Issue	1.0
	JUNO/JIRAM		Page	51

```

),
    THRM_SET_PT_SEL("JIRAM_ELECT_BP", "NON_OPERATIONAL")
end;
$$EOF

```