



Juno JIRAM

Report JM0430

JIR-IAPS-SY-001-2023

Version 1.0

January 03, 2023

Prepared by:

R. Noschese, A. Cicchetti, H. N. Becker, R. Sordini

Approved by:

A. Mura

		JIR-IAPS-SY-001-2023		
		Issue	1.0	03/01/2023
	JUNO/JIRAM		Page	2

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..... 9

 A.1 Commanding file (SASF)..... 13

List of Figures

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. 4

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. 5

Figure 3: Atmospheric Mapping: Hot Spots - Imager filter M. 6

List of Tables

Table 1: Scientific Goals; in red the observations where JIRAM had a problem..... 8

Table 2: Data Overview; in red the observations where JIRAM had a problem. 12

		JIR-IAPS-SY-001-2023			
		Issue	1.0	03/01/2023	
	JUNO/JIRAM		Page	3	of

1 INTRODUCTION

This document describes the activities that JIRAM performed during the activity period JM0430 (PJ043), 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., Lastrì, 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. Lastrì, 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 PJ043 pass, JIRAM should have performed IO's Footprint observations, on South Pole; observations of the cyclones of the South and North Pole (see fig. 1 and fig. 2) and of the planet's limbs. JIRAM worked nominally until JRM_071 (see Table 1 and Table 2) and then it experienced some troubles on the pointing attitude of the de-spinning mirror. 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 despinning 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.

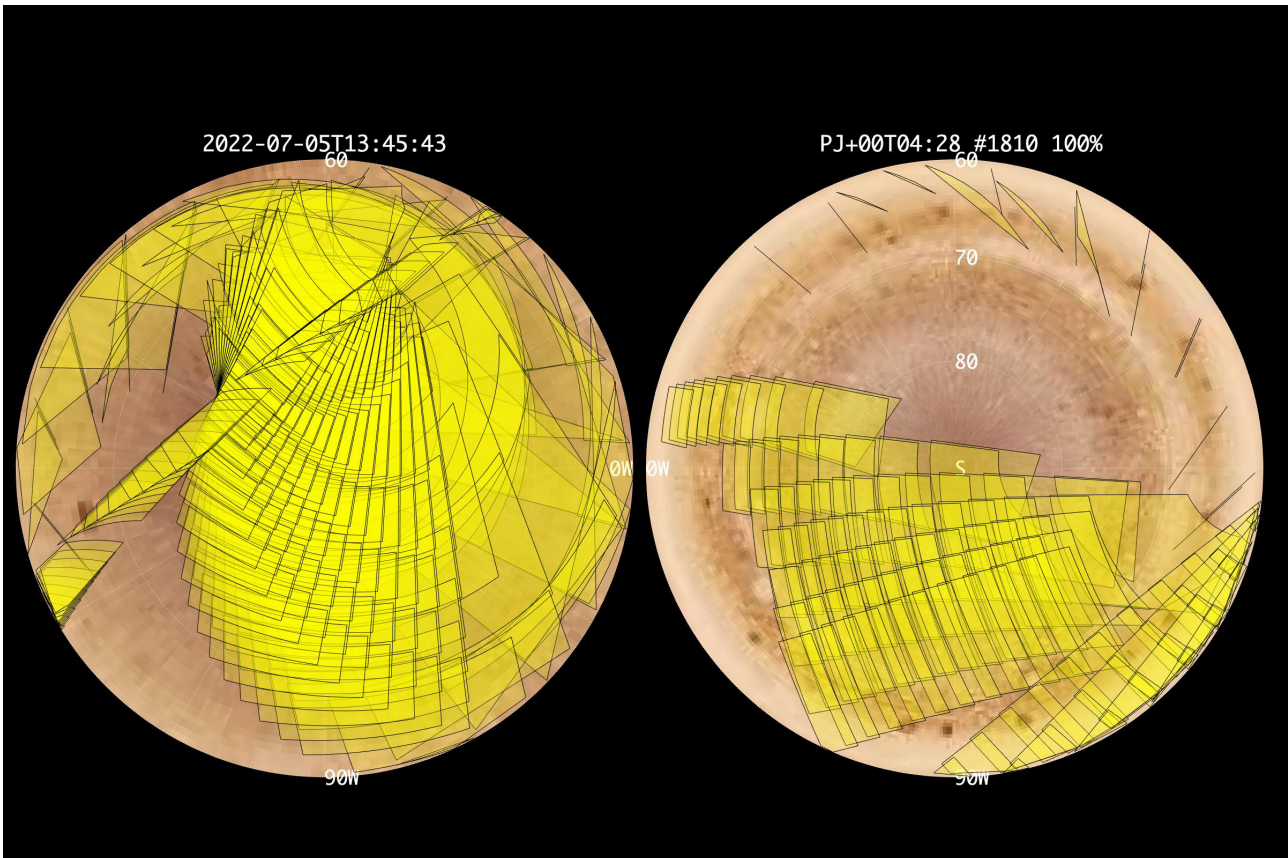


Figure 1: Simulation with JSPT (JIRAM Software Planning Tool), coverage of the South Pole with filter M. The overlapping yellow strips represent the predicted FOVs.

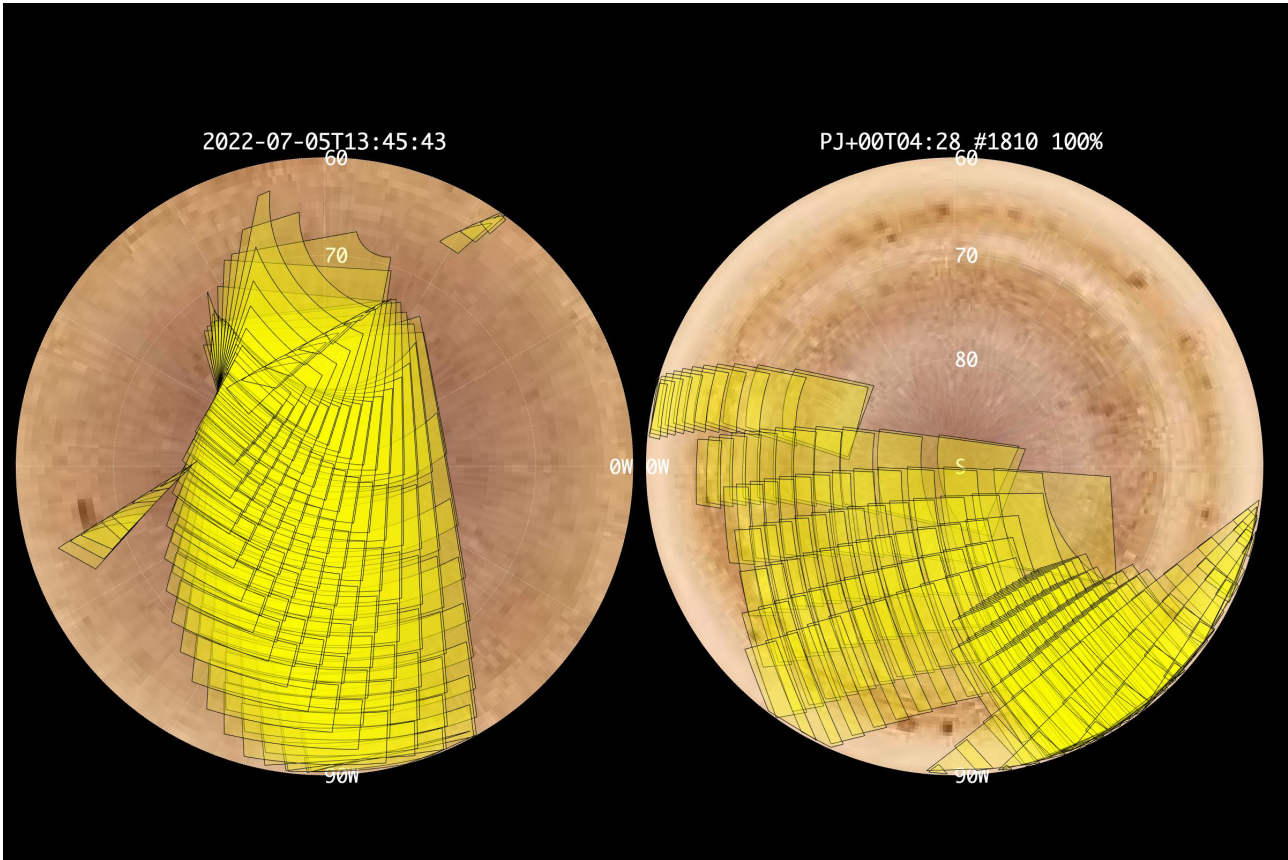


Figure 2: Simulation with JSPT. Coverage of the South Pole with filter L, the magenta line represents the theoretical position of the main auroral oval.

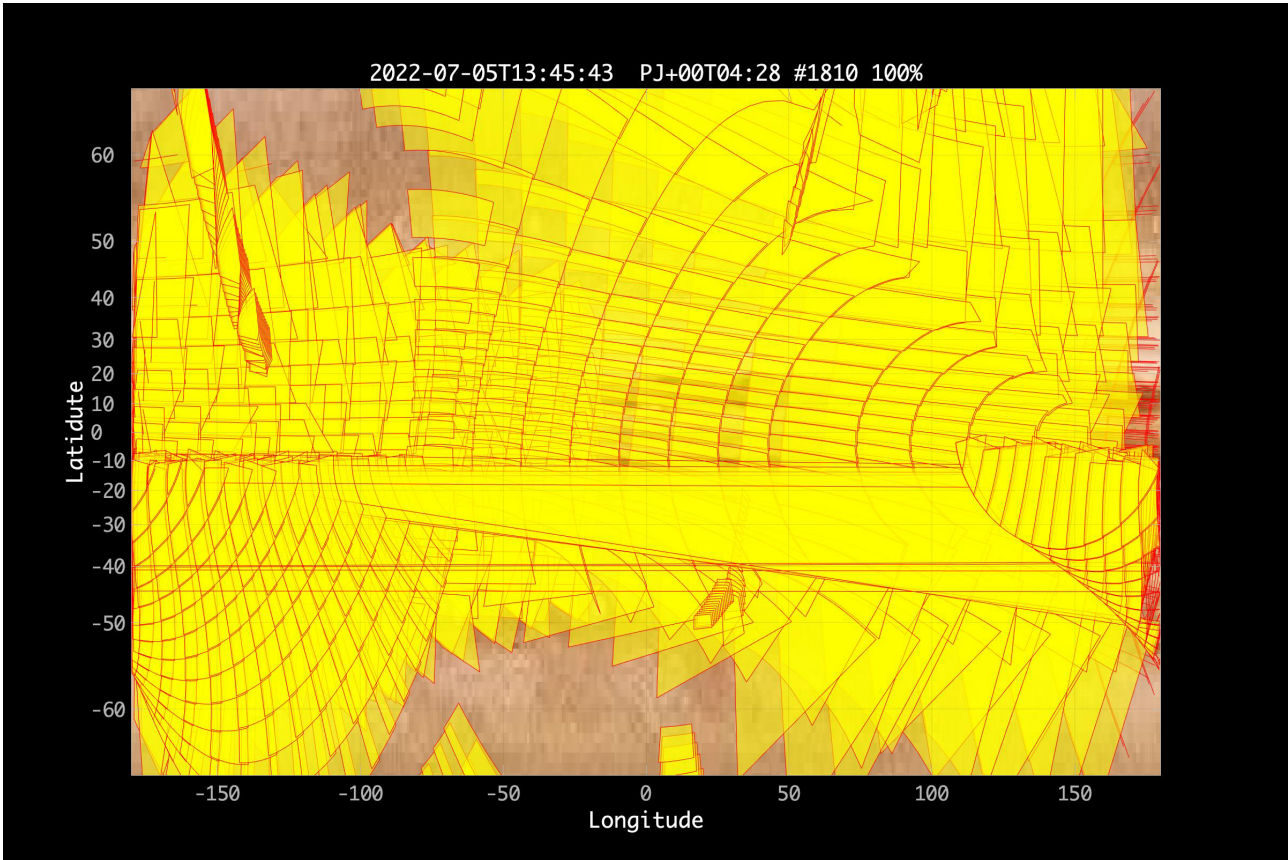


Figure 3: Atmospheric Mapping: Hot Spots - Imager filter M.

4 RADIATION SEQUENCES

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 inner magnetosphere.

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_2022185T183452_V01.CSV” in the INDEX directory.



JRM (sarf)	Operational Mode	Goals
JRM_004	CAL_I1_S1	INTERNAL CALIBRATION
JRM_005	SCI_I1_S1	RADIATION
JRM_006	SCI_I1_S1	RADIATION
JRM_007	SCI_I1_S1	RADIATION
JRM_008	SCI_I1_S1	RADIATION
JRM_009	SCI_I1_S1	RADIATION
JRM_010	SCI_I1_S1	RADIATION
JRM_011	SCI_I1_S1	RADIATION
JRM_012	SCI_I1_S1	RADIATION
JRM_013	SCI_I1_S1	RADIATION
JRM_014	SCI_I2_S1	ATMOSPHERE
JRM_015	SCI_I2_S1	ATMOSPHERE
JRM_016	SCI_I2_S1	ATMOSPHERE
JRM_018	SCI_I1_S1	RADIATION
JRM_019	SCI_I2_S1	ATMOSPHERE
JRM_020	SCI_I2_S1	ATMOSPHERE
JRM_021	SCI_I2_S1	ATMOSPHERE
JRM_023	SCI_I1_S1	RADIATION
JRM_024	SCI_I2_S1	ATMOSPHERE
JRM_025	SCI_I2_S1	ATMOSPHERE
JRM_026	SCI_I2_S1	ATMOSPHERE
JRM_028	SCI_I1_S1	RADIATION
JRM_029	SCI_I2_S1	ATMOSPHERE
JRM_030	SCI_I2_S1	ATMOSPHERE
JRM_031	SCI_I2_S1	ATMOSPHERE
JRM_033	SCI_I1_S1	RADIATION
JRM_034	SCI_I2_S1	ATMOSPHERE
JRM_035	SCI_I2_S1	ATMOSPHERE
JRM_036	SCI_I2_S1	ATMOSPHERE
JRM_038	SCI_I1_S1	RADIATION
JRM_039	SCI_I2_S1	ATMOSPHERE
JRM_040	SCI_I2_S1	ATMOSPHERE
JRM_041	SCI_I2_S1	ATMOSPHERE
JRM_042	SCI_I2_S1	ATMOSPHERE
JRM_043	SCI_I2_S1	ATMOSPHERE
JRM_044	SCI_I1_S1	IO
JRM_045	SCI_I2_S1	ATMOSPHERE
JRM_046	SCI_I2_S1	ATMOSPHERE
JRM_047	SCI_I2_S1	ATMOSPHERE
JRM_049	SCI_I1_S1	RADIATION
JRM_050	SCI_I2_S1	ATMOSPHERE
JRM_051	SCI_I2_S1	ATMOSPHERE
JRM_052	SCI_I2_S1	ATMOSPHERE
JRM_054	SCI_I1_S1	RADIATION
JRM_055	SCI_I2_S1	ATMOSPHERE
JRM_056	SCI_I2_S1	ATMOSPHERE
JRM_057	SCI_I1_S1	NORTH POLE
JRM_058	SCI_I1_S1	NORTH POLE
JRM_059	SCI_I1_S1	NORTH POLE
JRM_060	SCI_I1_S1	NORTH POLE
JRM_061	SCI_I1_S1	NORTH POLE

JRM_062	SCI_H_S1	NORTH POLE
JRM_063	SCI_H_S1	NORTH POLE
JRM_064	SCI_H_S1	NORTH POLE
JRM_065	SCI_H_S1	NORTH POLE
JRM_066	SCI_H_S1	NORTH POLE
JRM_067	SCI_H_S1	NORTH POLE
JRM_068	SCI_H_S1	NORTH POLE
JRM_069	SCI_H_S1	NORTH POLE
JRM_070	SCI_H_S1	NORTH POLE
JRM_071	SCI_H_S1	NORTH POLE
JRM_072	SCI_H_S1	LIMB UP
JRM_073	SCI_H_S1	LIMB UP
JRM_074	SCI_H_S1	LIMB UP
JRM_075	SCI_H_S1	LIMB UP
JRM_076	SCI_H_S1	LIMB UP
JRM_077	SCI_H_S1	LIMB UP
JRM_078	SCI_H_S1	LIMB DOWN
JRM_079	SCI_H_S1	SOUTH POLE
JRM_080	SCI_H_S1	SOUTH POLE
JRM_081	SCI_H_S1	SOUTH POLE
JRM_082	SCI_H_S1	SOUTH POLE
JRM_083	SCI_H_S1	SOUTH POLE
JRM_084	SCI_H_S1	SOUTH POLE
JRM_085	SCI_H_S1	SOUTH POLE
JRM_086	SCI_H_S1	SOUTH POLE
JRM_087	SCI_I3_S1	IO FOOTPRINT SOUTH
JRM_088	SCI_I3_S1	IO FOOTPRINT SOUTH
JRM_089	SCI_I3_S1	IO FOOTPRINT SOUTH
JRM_090	SCI_I3_S1	IO FOOTPRINT SOUTH
JRM_091	SCI_H_S1	ATMOSPHERE
JRM_092	SCI_H_S1	ATMOSPHERE
JRM_093	SCI_H_S1	ATMOSPHERE
JRM_094	SCI_H_S1	ATMOSPHERE
JRM_095	SCI_H_S1	ATMOSPHERE
JRM_096	SCI_H_S1	ATMOSPHERE
JRM_097	SCI_H_S1	ATMOSPHERE
JRM_098	SCI_H_S1	ATMOSPHERE
JRM_099	SCI_H_S1	ATMOSPHERE
JRM_100	SCI_H_S1	ATMOSPHERE
JRM_101	SCI_H_S1	ATMOSPHERE
JRM_102	SCI_H_S1	ATMOSPHERE
JRM_103	SCI_H_S1	ATMOSPHERE
JRM_104	SCI_H_S1	ATMOSPHERE
JRM_105	SCI_H_S1	ATMOSPHERE
JRM_106	CAL_H_S1	INTERNAL CALIBRATION

Table 1: Scientific Goals; in red the observations where JIRAM had a problem.

6 DATA COLLECTION OVERVIEW

Below is a table that gives an overview of the data collected during the activity period JM0430. The table describes, for each science block in the commanding file, the programmed operational modes and the data actually collected.

JRM (sarf)	Operational Mode	Observations	Packets Retrieved	Packets Expected	Missing Observations SPE	Missing Observations IMG
JRM_004	CAL_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_005	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_006	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_007	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_008	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_009	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_010	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_011	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_012	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_013	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_014	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_015	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_016	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_018	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_019	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_020	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_021	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_023	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_024	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_025	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_026	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_028	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0



JRM_029	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_030	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_031	SCI_I2_S1	3 IMG 3 SPE	36	36	0	0
JRM_033	SCI_I1_S1	20 IMG 20 SPE	180	180	0	0
JRM_034	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_035	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_036	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_038	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_039	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_040	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_041	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_042	SCI_I2_S1	20 IMG 20 SPE	180	180	4	4
JRM_043	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_044	SCI_I1_S1	19 I IMG 19 SPE	36	36	0	0
JRM_045	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_046	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_047	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_049	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_050	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_051	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_052	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_054	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_055	SCI_I2_S1	20 IMG 20 SPE	180	180	0	0
JRM_056	SCI_I2_S1	13 IMG 13 SPE	117	117	0	0
JRM_057	SCI_I1_S1	10 IMG 10 SPE	120	120	0	0
JRM_058	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_059	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_060	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0



JRM_061	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_062	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_063	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_064	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_065	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_066	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_067	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_068	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_069	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_070	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_071	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_072	SCI_I1_S1	12 IMG 12 SPE	144	144	0	0
JRM_073	SCI_I1_S1	10 IMG 10 SPE	120	120	0	0
JRM_074	SCI_I1_S1	10 IMG 10 SPE	120	120	0	0
JRM_075	SCI_I1_S1	10 IMG 10 SPE	120	120	0	0
JRM_076	SCI_I1_S1	10 IMG 10 SPE	120	120	0	0
JRM_077	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_078	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_079	SCI_I1_S1	15 IMG 15 SPE	180	180	0	0
JRM_080	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_081	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_082	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_083	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_084	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_085	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_086	SCI_I1_S1	11 IMG 11 SPE	132	132	0	0
JRM_087	SCI_I3_S1	15 IMG 15 SPE	135	135	0	0
JRM_088	SCI_I3_S1	13 IMG 13 SPE	117	117	0	0

JRM_089	SCI_I3_S1	13 IMG 13 SPE	117	117	0	0
JRM_090	SCI_I3_S1	13 IMG 13 SPE	117	117	0	0
JRM_091	SCI_I1_S1	20 IMG 20 SPE	240	240	0	0
JRM_092	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_093	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_094	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_095	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_096	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_097	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_098	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_099	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_100	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_101	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_102	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_103	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_104	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_105	SCI_I1_S1	17 IMG 17 SPE	204	204	0	0
JRM_106	CAL_I1_S1	6 IMG 6 SPE	72	72	0	0

Table 2: Data Overview; in red the observations where JIRAM had a problem.

			JIR-IAPS-SY-001-2023	
	Issue	1.0	03/01/2023	
	JUNO/JIRAM		Page	13

A.1 Commanding file (SASF)

```

CCSD3ZF0000100000001NJPL3KS0L015$$MARK$$;
MISSION_NAME = JUNO;
SPACECRAFT_NAME = JUNO;
DATA_SET_ID = SPACECRAFT_ACTIVITY_SEQUENCE_JRM;
FILE_NAME = jm0430_JRMa.sasf;
APPLICABLE_START_TIME = 2022-185T09:00:00.000;
APPLICABLE_STOP_TIME = 2022-228T14:00:00.000;
PRODUCT_CREATION_TIME = 2022-158T15:06:06.000;
PRODUCER_ID = JRMTEAM;
SEQ_ID = jm0430_JRMa;
HOST_ID = JRM_CMD_430_430_V02.jrm;
CCSD3RE00000$$MARK$$NJPL3IF0M01300000001;
$$JNO          SPACECRAFT_ACTIVITY_SEQUENCE_FILE
*****
*PROJECT      JNO
*SPACECRAFT   61
*OPERATOR     JRMTEAM
*FILE_CMPLT   TRUE
*DATE         Tue Jun 07 15:06:06 2022
*BEGIN        2022-185T09:00:00.000
*CUTOFF       2022-228T14:00:00.000
*TITLE        jm0430_JRMa
*EPOCHS_DEF
*jm0430_JRM,  2022-185T09:00:00.000
*EPOCHS_END
*Input files used:
*File Type   Last modified           File name
*PACKETS_NUMBER 11816
*****
$$EOH
$$EOD
request(JRM_Sequence_Management_Request,
        START_TIME,2022-185T09:00:00.000,
        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","jm0430_JRM","jm0430_JRM.abs","d:/seq")
         ),
         command(2,
         SCHEDULED_TIME,\00:00:30\,FROM_PREVIOUS_START,
         FILE_DELETE("d:/seq/jm0430_JRM.abs")
         ),
         command(3,
         SCHEDULED_TIME,\043T04:59:58\,FROM_REQUEST_START,
         VM_LOAD(20,"d:/seq/jm0440_JRM.abs")
         ),
         end;

request(JRM_001,
        START_TIME,2022-185T13:10:04.000,
        TITLE, "jm0430_JRM_Heater_Op",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	14

```

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,2022-185T18:31:04.000,
  TITLE, "jm0430_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,2022-185T18:33:47.000,
  TITLE, "jm0430_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","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,2022-185T18:33:59.000,
  TITLE, "jm0430_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-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	15

```

),
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,2022-185T18:43:15.000,
  TITLE,"jm0430_JRM_Science",
  REQUESTOR,"JRMTEAM",
  PROCESSOR,"VC2",
  KEY,"No_Key")

command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(92,153)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(5,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(6,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(8,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(9,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	16

```

        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_43_001_GoodPxMap_2022-185T18:43:15.000\"
    ),
end;
request(JRM_006,
    START_TIME,2022-185T18:48:15.000,
    TITLE,\"jm0430_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
    ),
    command(7,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
    ),
    command(10,

```


			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	17

```

        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_43_002_GoodPxMap_2022-185T18:48:15.000\"
    ),
end;

request(JRM_007,
    START_TIME,2022-185T18:53:15.000,
    TITLE,\"jm0430_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
        ,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
        ,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
    ),
    command(7,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
        ,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
    ),

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	18

```

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_43_003_GoodPxMap_2022-185T18:53:15.000\"
),
end;

request(JRM_008,
    START_TIME,2022-185T18:58:15.000,
    TITLE,\"jm0430_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key")

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

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

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	19

```

),
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_43_004_GoodPxMap_2022-185T18:58:15.000\"
),
end;

request(JRM_009,
    START_TIME,2022-185T19:03:15.000,
    TITLE,\"jm0430_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	20

```

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(11,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(12,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
command(13,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SET_PAR(92,8174)
),
command(14,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Radiation_Sequence_43_005_GoodPxMap_2022-185T19:03:15.000\"
),
end;

request(JRM_010,
START_TIME,2022-185T19:08:15.000,
TITLE,"jm0430_JRM_Science",
REQUESTOR,"JRMTEAM",
PROCESSOR,"VC2",
KEY,"No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(92,153)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(4,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(5,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(6,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(8,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(9,

```

			JIR-IAPS-SY-001-2023		
			Issue	1.0	03/01/2023
	JUNO/JIRAM		Page	21	of 74

```

SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(11,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(12,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
command(13,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SET_PAR(92,8174)
),
command(14,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Radiation_Sequence_43_006_GoodPxMap_2022-185T19:08:15.000\"
),
end;

request(JRM_011,
START_TIME,2022-185T19:13:15.000,
TITLE,"jm0430_JRM_Science",
REQUESTOR,"JRMTEAM",
PROCESSOR,"VC2",
KEY,"No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(92,153)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(4,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(5,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(6,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(8,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),

```

			JIR-IAPS-SY-001-2023		
			Issue	1.0	03/01/2023
	JUNO/JIRAM		Page	22	of 74

```

command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_43_007_GoodPxMap_2022-185T19:13:15.000\"
    ),
end;
request(JRM_012,
    START_TIME,2022-185T19:18:15.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()

```


			JIR-IAPS-SY-001-2023		
	JUNO/JIRAM		Issue	1.0	03/01/2023
			Page	23	of 74

```

),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_43_008_GoodPxMap_2022-185T19:18:15.000\"
),
end;

request(JRM_013,
    START_TIME,2022-185T19:23:15.000,
    TITLE,"jm0430_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	24

```

        JRM_SCIENCE ()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE ()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC ()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG ()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_43_009_GoodPxMap_2022-185T19:23:15.000\"
    ),
end;

request(JRM_014,
    START_TIME,2022-185T22:02:11.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,153,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-1464,"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,\00:10:53\,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,\"Atmosphere\"
    ),
end;

request(JRM_015,

```

			JIR-IAPS-SY-001-2023		
			Issue	1.0	03/01/2023
	JUNO/JIRAM		Page	25	of 74

```

START_TIME,2022-185T22:22:31.000,
TITLE, "jm0430_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2465)
),
command(2,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,157,75,5000,"LOW","LOW",
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-1494,"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,\00:10:53\,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,\"Atmosphere\"
),
end;

request(JRM_016,
START_TIME,2022-185T22:42:51.000,
TITLE, "jm0430_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2465)
),
command(2,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,160,75,5000,"LOW","LOW",
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-1527,"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,\00:10:53\,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,\"Atmosphere\"
),

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	26

```

end;

request (JRM_017,
        START_TIME,2022-185T22:53:56.000,
        TITLE, "jm0430_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_018,
        START_TIME,2022-185T22:56:15.000,
        TITLE, "jm0430_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(92,153)
        ),
    command(2,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
            ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
        ),
    command(3,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_GET_PAR(6000)
        ),
    command(4,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_START_HS_REC()
        ),
    command(5,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCIENCE()
        ),
    command(6,
            SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
            JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
            ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
        ),
    command(7,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_GET_PAR(6000)
        ),
    command(8,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCIENCE()
        ),
    command(9,
            SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
            JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
            ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
        ),
    command(10,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_GET_PAR(6000)
        ),
    command(11,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCIENCE()
    )

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	27

```

),
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_43_010_MagEq_2022-185T22:56:15.000\"
),
end;

request(JRM_019,
  START_TIME,2022-185T23:03:11.000,
  TITLE,\"jm0430_JRM_Science\",
  REQUESTOR,\"JRMTEAM\",
  PROCESSOR,\"VC2\",
  KEY,\"No_Key\")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR(\"SCI_I2_S1\",20,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,164,75,5000,\"LOW\",\"LOW\",
  \",\"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-1562,\"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,\00:10:53\,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,\"Atmosphere\"
),
end;

request(JRM_020,
  START_TIME,2022-185T23:23:31.000,
  TITLE,\"jm0430_JRM_Science\",
  REQUESTOR,\"JRMTEAM\",
  PROCESSOR,\"VC2\",
  KEY,\"No_Key\")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR(\"SCI_I2_S1\",20,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,168,75,5000,\"LOW\",\"LOW\",
  \",\"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-1599,\"NO_SUMMED_SCI\")
),

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	28

```

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,\00:10:53\,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,\"Atmosphere\"
),
end;

request(JRM_021,
    START_TIME,2022-185T23:43:51.000,
    TITLE,\"jm0430_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I2_S1\",20,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,172,75,5000,\"LOW\",\"LOW
\",\"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-1638,\"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,\00:10:53\,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,\"Atmosphere\"
),
end;

request(JRM_022,
    START_TIME,2022-185T23:54:56.000,
    TITLE,\"jm0430_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\"

```


			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	29

```

),
end;

request (JRM_023,
        START_TIME,2022-185T23:58:15.000,
        TITLE, "jm0430_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(92,153)
        ),
    command(2,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
        ),
    command(3,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_GET_PAR(6000)
        ),
    command(4,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_START_HS_REC()
        ),
    command(5,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCIENCE()
        ),
    command(6,
            SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
        ),
    command(7,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_GET_PAR(6000)
        ),
    command(8,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCIENCE()
        ),
    command(9,
            SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
        ),
    command(10,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_GET_PAR(6000)
        ),
    command(11,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCIENCE()
        ),
    command(12,
            SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
            JRM_STOP_HS_REC()
        ),
    command(13,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_SET_PAR(92,8174)
        ),
    command(14,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_ERROR_LOG()
        ),
    note(1,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	30

```

TEXT,\"Radiation_Sequence_43_012_NearEuropa_2022-185T23:58:15.000\"
),
end;

request (JRM_024,
START_TIME,2022-186T00:04:11.000,
TITLE, \"jm0430_JRM_Science\",
REQUESTOR, \"JRMTEAM\",
PROCESSOR, \"VC2\",
KEY, \"No_Key\")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2465)
),
command(2,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I2_S1\",20,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,176,75,5000,\"LOW\",\"LOW\",
,\"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-1680,\"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,\00:10:53\,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,\"Atmosphere\"
),
end;

request (JRM_025,
START_TIME,2022-186T00:24:31.000,
TITLE, \"jm0430_JRM_Science\",
REQUESTOR, \"JRMTEAM\",
PROCESSOR, \"VC2\",
KEY, \"No_Key\")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2465)
),
command(2,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I2_S1\",20,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,181,75,5000,\"LOW\",\"LOW\",
,\"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-1723,\"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,\00:10:53\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
command(6,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
)

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	31

```

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

request(JRM_026,
START_TIME,2022-186T00:44:51.000,
TITLE,\"jm0430_JRM_Science\",
REQUESTOR,\"JRMTEAM\",
PROCESSOR,\"VC2\",
KEY,\"No_Key\")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2465)
),
command(2,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I2_S1\",20,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,186,75,5000,\"LOW\",\"LOW\",
,\"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-1771,\"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,\00:10:53\,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,\"Atmosphere\"
),
end;

request(JRM_027,
START_TIME,2022-186T00:55:56.000,
TITLE,\"jm0430_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_028,
START_TIME,2022-186T00:58:15.000,
TITLE,\"jm0430_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,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	32

```

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(4,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(5,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(6,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(8,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(9,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(11,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(12,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
command(13,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SET_PAR(92,8174)
),
command(14,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Radiation_Sequence_43_013_NearEuropa_2022-186T00:58:15.000\"
),
end;

request(JRM_029,
START_TIME,2022-186T01:05:11.000,
TITLE,"jm0430_JRM_Science",
REQUESTOR,"JRMTEAM",
PROCESSOR,"VC2",
KEY,"No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2465)
),
command(2,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	33

```

SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,192,75,5000,"LOW","LOW",
", "POINT",-57343,75,5000,"LOW","LOW","SPIN",-1822,"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,\00:10:53\,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,\"Atmosphere\"
),
end;
request(JRM_030,
START_TIME,2022-186T01:25:32.000,
TITLE, "jm0430_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2465)
),
command(2,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,198,75,5000,"LOW","LOW",
", "POINT",-57343,75,5000,"LOW","LOW","SPIN",-1876,"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,\00:10:52\,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,\"Atmosphere\"
),
end;
request(JRM_031,
START_TIME,2022-186T01:45:52.000,
TITLE, "jm0430_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	34

```

        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,204,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-1935,"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,\00:10:53\,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,\`Atmosphere\`
    ),
end;

request(JRM_032,
    START_TIME,2022-186T01:56:57.000,
    TITLE, "jm0430_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_033,
    START_TIME,2022-186T01:58:15.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()

```

			JIR-IAPS-SY-001-2023		
			Issue	1.0	03/01/2023
	JUNO/JIRAM		Page	35	of 74

```

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_43_014_NearEuropa_2022-186T01:58:15.000\"
),
end;

request(JRM_034,
    START_TIME,2022-186T02:06:12.000,
    TITLE,"jm0430_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,211,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-1999,"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,\00:10:53\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	36

```

        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,\"Atmosphere\"
    ),
end;

request (JRM_035,
    START_TIME,2022-186T02:26:32.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,218,75,5000,"LOW","LOW",
        ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-2068,"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,\00:10:53\,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,\"Atmosphere\"
    ),
end;

request (JRM_036,
    START_TIME,2022-186T02:46:52.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,226,75,5000,"LOW","LOW",
        ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-2144,"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-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	37

```

),
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,\"Atmosphere\"
),
end;

request(JRM_037,
  START_TIME,2022-186T02:57:57.000,
  TITLE, \"jm0430_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_038,
  START_TIME,2022-186T02:58:15.000,
  TITLE, \"jm0430_JRM_Science\",
  REQUESTOR, \"JRMTEAM\",
  PROCESSOR, \"VC2\",
  KEY, \"No_Key\")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(92,153)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(5,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(6,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
  JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(7,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(8,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),

```

			JIR-IAPS-SY-001-2023		
			Issue	1.0	03/01/2023
	JUNO/JIRAM		Page	38	of 74

```

command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_43_015_NearEuropa_2022-186T02:58:15.000\"
    ),
end;

request(JRM_039,
    START_TIME,2022-186T03:07:12.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,235,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-2227,"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,\00:10:53\,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,\"Atmosphere\"
    ),
end;

request(JRM_040,
    START_TIME,2022-186T03:27:32.000,
    TITLE, "jm0430_JRM_Science",

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	39

```

REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
  JRM_SET_PAR(74, 2465)
),
command(2,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1", 20, 1, 0, "IDIS_SDIS", "HSSL", "ENABLE", "DARK", "DISABLE", 0, 245, 75, 5000, "LOW", "LOW",
", "POINT", -57343, 75, 5000, "LOW", "LOW", "SPIN", -2319, "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, \00:10:53\, 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, \ "Atmosphere" \
),
end;

request(JRM_041,
  START_TIME, 2022-186T03:47:52.000,
  TITLE, "jm0430_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
  JRM_SET_PAR(74, 2465)
),
command(2,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1", 20, 1, 0, "IDIS_SDIS", "HSSL", "ENABLE", "DARK", "DISABLE", 0, 256, 75, 5000, "LOW", "LOW",
", "POINT", -57343, 75, 5000, "LOW", "LOW", "SPIN", -2420, "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, \00:10:54\, 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, \ "Atmosphere" \
),
end;

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	40

```

request (JRM_042,
        START_TIME,2022-186T04:08:12.000,
        TITLE, "jm0430_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
        ),
command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,269,75,5000,"LOW","LOW",
", "POINT",-57343,75,5000,"LOW","LOW","SPIN",-2534,"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,\00:10:54\,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,\ "Atmosphere"\
        ),
end;

request (JRM_043,
        START_TIME,2022-186T04:28:32.000,
        TITLE, "jm0430_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
        ),
command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,283,75,5000,"LOW","LOW",
", "POINT",-57343,75,5000,"LOW","LOW","SPIN",-2661,"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,\00:10:54\,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,\ "Atmosphere"\

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	41

```

),
end;

request (JRM_044,
        START_TIME,2022-186T04:50:24.000,
        TITLE, "jm0430_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,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",19,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,238,50,5000,"LOW","LOW",
", "POINT",-57343,50,5000,"LOW","LOW","SPIN",19097,"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,\00:10:23\,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_045,
        START_TIME,2022-186T05:03:06.000,
        TITLE, "jm0430_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,2465)
        ),
    command(2,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,311,75,5000,"LOW","LOW",
", "POINT",-57343,75,5000,"LOW","LOW","SPIN",-2920,"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,\00:10:54\,FROM_PREVIOUS_START,
            JRM_ERROR_LOG()
        ),
    command(6,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_STOP_HS_REC()
        ),
),

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	42

```

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

request(JRM_046,
  START_TIME,2022-186T05:23:27.000,
  TITLE, \"jm0430_JRM_Science\",
  REQUESTOR, \"JRMTEAM\",
  PROCESSOR, \"VC2\",
  KEY, \"No_Key\")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR(\"SCI_I2_S1\",20,1,0,\"IDIS_SDIS\", \"HSSL\", \"ENABLE\", \"DARK\", \"DISABLE\",0,331,75,5000,\"LOW\", \"LOW\", \"POINT\",-57343,75,5000,\"LOW\", \"LOW\", \"SPIN\",-3104,\"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,\00:10:53\,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,\"Atmosphere\"
),
end;

request(JRM_047,
  START_TIME,2022-186T05:43:47.000,
  TITLE, \"jm0430_JRM_Science\",
  REQUESTOR, \"JRMTEAM\",
  PROCESSOR, \"VC2\",
  KEY, \"No_Key\")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR(\"SCI_I2_S1\",20,1,0,\"IDIS_SDIS\", \"HSSL\", \"ENABLE\", \"DARK\", \"DISABLE\",0,355,75,5000,\"LOW\", \"LOW\", \"POINT\",-57343,75,5000,\"LOW\", \"LOW\", \"SPIN\",-3320,\"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,\00:10:53\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	43

```

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

request(JRM_048,
    START_TIME,2022-186T05:54:52.000,
    TITLE, \"jm0430_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_049,
    START_TIME,2022-186T05:58:15.000,
    TITLE, \"jm0430_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
    28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
    28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
    28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	44

```

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_43_018_NearIo_2022-186T05:58:15.000\"\\
    ),
end;

request(JRM_050,
    START_TIME,2022-186T06:04:07.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,384,75,5000,"LOW","LOW",
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-3574,"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,\00:10:53\,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,\"Atmosphere\"\\
    ),
end;

request(JRM_051,
    START_TIME,2022-186T06:24:27.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)

```


			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	45

```

),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,418,75,5000,"LOW","LOW",
", "POINT",-57343,75,5000,"LOW","LOW","SPIN",-3883,"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,\00:10:55\,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,\"Atmosphere\"
),
end;

request(JRM_052,
    START_TIME,2022-186T06:44:47.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,461,75,5000,"LOW","LOW",
", "POINT",-57343,75,5000,"LOW","LOW","SPIN",-4265,"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,\00:10:55\,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,\"Atmosphere\"
),
end;

request(JRM_053,
    START_TIME,2022-186T06:55:54.000,
    TITLE, "jm0430_Technical_Block",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	46

```

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_054,
  START_TIME,2022-186T06:58:15.000,
  TITLE,\"jrm0430_JRM_Science\",
  REQUESTOR,\"JRMTEAM\",
  PROCESSOR,\"VC2\",
  KEY,\"No_Key\")

command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(92,153)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(5,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(6,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(7,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(8,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(9,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(10,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(11,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(12,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
command(13,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SET_PAR(92,8174)

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	47

```

),
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_43_019_NearIo_2022-186T06:58:15.000\"
),
end;

request(JRM_055,
  START_TIME,2022-186T07:05:08.000,
  TITLE, "jm0430_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I2_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,517,75,5000,"LOW","LOW",
  ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-4750,"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,\00:10:54\,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,\"Atmosphere\"
),
end;

request(JRM_056,
  START_TIME,2022-186T07:16:19.000,
  TITLE, "jm0430_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I2_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,865,75,5000,"LOW","LOW",
  ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-5046,"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-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	48

```

command(5,
    SCHEDULED_TIME,\00:07:21\,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,\"Atmosphere\"
),
end;

request(JRM_057,
    START_TIME,2022-186T07:23:56.000,
    TITLE,\"jm0430_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S1\",10,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,212,75,5000,\"LOW\",\"LOW\",
,\"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-5471,\"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,\00:05:48\,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,\"North Pole\"
),
end;

request(JRM_058,
    START_TIME,2022-186T07:30:03.000,
    TITLE,\"jm0430_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S1\",8,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,274,75,5000,\"LOW\",\"LOW\",
,\"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-5644,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	49

```

        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:04:46\,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_059,
    START_TIME,2022-186T07:35:08.000,
    TITLE,\"jm0430_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR(\"SCI_I1_S1\",8,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,275,75,5000,\"LOW\",\"LOW\",
        \"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-5829,\"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,\00:04:46\,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_060,
    START_TIME,2022-186T07:40:13.000,
    TITLE,\"jm0430_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR(\"SCI_I1_S1\",8,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,276,75,5000,\"LOW\",\"LOW\",
        \"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-6029,\"NO_SUMMED_SCI\")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	50

```

        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:04:46\,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_061,
    START_TIME,2022-186T07:45:18.000,
    TITLE,\"jm0430_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR(\"SCI_I1_S1\",8,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,279,75,5000,\"LOW\",\"LOW\",
        \"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-6244,\"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,\00:04:47\,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,\"North Pole\"
    ),
end;

request(JRM_062,
    START_TIME,2022-186T07:50:23.000,
    TITLE,\"jm0430_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR(\"SCI_I1_S1\",8,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,283,75,5000,\"LOW\",\"LOW\",
        \"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-6479,\"NO_SUMMED_SCI\")

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	51

```

),
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,\00:04:47\,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,\"North Pole\"
),
end;

request(JRM_063,
  START_TIME,2022-186T07:55:28.000,
  TITLE, "jm0430_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,285,75,5000,"LOW","LOW",
  ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-6728,"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,\00:04:47\,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,\"North Pole\"
),
end;

request(JRM_064,
  START_TIME,2022-186T08:00:33.000,
  TITLE, "jm0430_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	52

```

JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,286,75,5000,"LOW","LOW",
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-6994,"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,\00:04:47\,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,\"North Pole\"
),
end;

request(JRM_065,
START_TIME,2022-186T08:05:39.000,
TITLE, "jm0430_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2465)
),
command(2,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,289,75,5000,"LOW","LOW",
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-7277,"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,\00:04:46\,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_066,
START_TIME,2022-186T08:10:44.000,
TITLE, "jm0430_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2465)

```


			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	53

```

),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,292,75,5000,"LOW","LOW",
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-7576,"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,\00:04:47\,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,\"North Pole\"
),
end;

request(JRM_067,
    START_TIME,2022-186T08:15:49.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,293,75,5000,"LOW","LOW",
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-7883,"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,\00:04:47\,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,\"North Pole\"
),
end;

request(JRM_068,
    START_TIME,2022-186T08:20:54.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	54

```

command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,292,75,5000,"LOW","LOW",
  ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-8184,"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,\00:04:47\,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,\"North Pole\"
),
end;

request(JRM_069,
  START_TIME,2022-186T08:26:00.000,
  TITLE, "jm0430_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,289,75,5000,"LOW","LOW",
  ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-8450,"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,\00:04:46\,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_070,
  START_TIME,2022-186T08:31:05.000,
  TITLE, "jm0430_JRM_Science",

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	55

```

REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,275,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-8605,"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,\00:04:47\,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,\"North Pole\"
  ),
end;

request(JRM_071,
  START_TIME,2022-186T08:36:10.000,
  TITLE, "jm0430_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,267,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-8588,"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,\00:04:47\,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,\"North Pole\"
  ),
end;

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	56

```

request (JRM_072,
        START_TIME,2022-186T08:41:16.000,
        TITLE, "jm0430_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,1250)
        ),
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",0,117,2500,5000,"LOW","LOW",
"POINT",-57343,2500,5000,"LOW","LOW","SPIN",12622,"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,\00:06:49\,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,\"Limb Up\"
        ),
end;

request (JRM_073,
        START_TIME,2022-186T08:48:24.000,
        TITLE, "jm0430_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,1250)
        ),
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",0,160,2500,5000,"LOW","LOW",
"POINT",-57343,2500,5000,"LOW","LOW","SPIN",13979,"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,\00:05:48\,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 Up\"
        )

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	57

```

),
end;

request (JRM_074,
        START_TIME,2022-186T08:54:31.000,
        TITLE, "jm0430_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,1250)
        ),
    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",0,177,2500,5000,"LOW","LOW",
"POINT",-57343,2500,5000,"LOW","LOW","SPIN",15507,"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,\00:05:48\,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 Up\"
        ),
end;

request (JRM_075,
        START_TIME,2022-186T09:00:38.000,
        TITLE, "jm0430_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,1250)
        ),
    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",0,193,2500,5000,"LOW","LOW",
"POINT",-57343,2500,5000,"LOW","LOW","SPIN",17197,"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,\00:05:48\,FROM_PREVIOUS_START,
            JRM_ERROR_LOG()
        ),
    command(6,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_STOP_HS_REC()
        ),
),

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	58

```

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

request(JRM_076,
  START_TIME,2022-186T09:06:45.000,
  TITLE, "jm0430_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,1250)
),
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",0,202,2500,5000,"LOW","LOW",
"POINT",-57343,2500,5000,"LOW","LOW","SPIN",19049,"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,\00:05:48\,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 Up\"
),
end;

request(JRM_077,
  START_TIME,2022-186T09:12:52.000,
  TITLE, "jm0430_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,1250)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,176,2500,5000,"LOW","LOW",
"POINT",-57343,2500,5000,"LOW","LOW","SPIN",21004,"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,\00:04:48\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	59

```

        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_078,
    START_TIME,2022-186T09:30:13.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,1250)
),
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",0,241,2500,5000,"LOW","LOW",
"POINT",-57343,2500,5000,"LOW","LOW","SPIN",-19118,"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,\00:09:54\,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_079,
    START_TIME,2022-186T09:40:25.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",15,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,298,75,5000,"LOW","LOW",
"POINT",-57343,75,5000,"LOW","LOW","SPIN",-13640,"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,\00:08:22\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	60

```

        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_080,
    START_TIME,2022-186T09:49:04.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,407,75,5000,"LOW","LOW",
        "POINT",-57343,75,5000,"LOW","LOW","SPIN",-12998,"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,\00:07:21\,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_081,
    START_TIME,2022-186T09:56:43.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,432,75,5000,"LOW","LOW",
        "POINT",-57343,75,5000,"LOW","LOW","SPIN",-11617,"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-001-2023		
			Issue	1.0	03/01/2023
	JUNO/JIRAM		Page	61	of 74

```

),
command(5,
  SCHEDULED_TIME,\00:07:20\,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,\"South Pole\"
),
end;

request(JRM_082,
  START_TIME,2022-186T10:04:21.000,
  TITLE, "jm0430_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,431,75,5000,"LOW","LOW",
  ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-9919,"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,\00:07:20\,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,\"South Pole\"
),
end;

request(JRM_083,
  START_TIME,2022-186T10:11:59.000,
  TITLE, "jm0430_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,418,75,5000,"LOW","LOW",
  ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-8233,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	62

```

command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:07:20\,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,\"South Pole\"
),
end;

request(JRM_084,
    START_TIME,2022-186T10:19:37.000,
    TITLE, \"jm0430_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S1\",13,1,0,\"IDIS_SDIS\", \"HSSL\", \"ENABLE\", \"DARK\", \"DISABLE\",0,399,75,5000,\"LOW\", \"LOW\", \"POINT\",-57343,75,5000,\"LOW\", \"LOW\", \"SPIN\",-6725,\"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,\00:07:20\,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,\"South Pole\"
),
end;

request(JRM_085,
    START_TIME,2022-186T10:27:14.000,
    TITLE, \"jm0430_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S1\",13,1,0,\"IDIS_SDIS\", \"HSSL\", \"ENABLE\", \"DARK\", \"DISABLE\",0,381,75,5000,\"LOW\", \"LOW\", \"POINT\",-57343,75,5000,\"LOW\", \"LOW\", \"SPIN\",-5457,\"NO_SUMMED_SCI\")
),
command(3,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	63

```

        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,\00:07:21\,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_086,
    START_TIME,2022-186T10:34:52.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",11,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,427,75,5000,"LOW","LOW",
", "POINT",-57343,75,5000,"LOW","LOW","SPIN",-4424,"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,\00:06:19\,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,\"South Pole\"
    ),
end;

request(JRM_087,
    START_TIME,2022-186T10:41:29.000,
    TITLE, "jm0430_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,\00:00:02\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	64

```

JRM_SCI_PAR("SCI_I3_S1",15,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,137,5000,5000,"LOW","LOW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-4424,"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,\00:08:20\,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,\"Io FP South\"
),
end;

request(JRM_088,
    START_TIME,2022-186T10:50:08.000,
    TITLE, "jm0430_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,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I3_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,160,5000,5000,"LOW","LOW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3635,"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,\00:07:19\,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 FP South\"
),
end;

request(JRM_089,
    START_TIME,2022-186T10:57:45.000,
    TITLE, "jm0430_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-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	65

```

),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I3_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,160,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3321,"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,\00:07:20\,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,\"Io FP South\"
),
end;

request(JRM_090,
    START_TIME,2022-186T11:05:23.000,
    TITLE, "jm0430_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,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I3_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,160,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2848,"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,\00:07:19\,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 FP South\"
),
end;

request(JRM_091,
    START_TIME,2022-186T11:13:01.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

```

			JIR-IAPS-SY-001-2023		
			Issue	1.0	03/01/2023
	JUNO/JIRAM		Page	66	of 74

```

command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
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",0,429,75,5000,"LOW","LOW",
  "POINT",-57343,75,5000,"LOW","LOW","SPIN",-4179,"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,\00:10:54\,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,\"Atmosphere\"
),
end;

request(JRM_092,
  START_TIME,2022-186T11:24:42.000,
  TITLE, "jm0430_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,479,75,5000,"LOW","LOW",
  "POINT",-57343,75,5000,"LOW","LOW","SPIN",-3924,"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,\00:09:24\,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,\"Atmosphere\"
),
end;

request(JRM_093,
  START_TIME,2022-186T11:34:53.000,
  TITLE, "jm0430_JRM_Science",

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	67

```

REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
  JRM_SET_PAR(74, 2465)
),
command(2,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1", 17, 1, 0, "IDIS_SDIS", "HSSL", "ENABLE", "DARK", "DISABLE", 0, 452, 75, 5000, "LOW", "LOW",
", "POINT", -57343, 75, 5000, "LOW", "LOW", "SPIN", -3702, "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, \00:09:22\, 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, \ "Atmosphere" \
  ),
end;

request(JRM_094,
  START_TIME, 2022-186T11:45:03.000,
  TITLE, "jm0430_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
  JRM_SET_PAR(74, 2465)
),
command(2,
  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1", 17, 1, 0, "IDIS_SDIS", "HSSL", "ENABLE", "DARK", "DISABLE", 0, 429, 75, 5000, "LOW", "LOW",
", "POINT", -57343, 75, 5000, "LOW", "LOW", "SPIN", -3508, "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, \00:09:22\, 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, \ "Atmosphere" \
  ),
end;

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	68

```

request (JRM_095,
    START_TIME,2022-186T11:55:13.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,409,75,5000,"LOW","LOW",
", "POINT",-57343,75,5000,"LOW","LOW","SPIN",-3336,"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,\00:09:22\,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,\ "Atmosphere"\
    ),
end;

request (JRM_096,
    START_TIME,2022-186T12:05:23.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,390,75,5000,"LOW","LOW",
", "POINT",-57343,75,5000,"LOW","LOW","SPIN",-3183,"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,\00:09:22\,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,\ "Atmosphere"\
    )

```


			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	69

```

),
end;

request (JRM_097,
        START_TIME,2022-186T12:15:33.000,
        TITLE, "jm0430_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,2465)
        ),
    command(2,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCI_PAR("SCI_I1_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,374,75,5000,"LOW","LOW",
            "POINT",-57343,75,5000,"LOW","LOW","SPIN",-3046,"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,\00:09:22\,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,\"Atmosphere\"
        ),
end;

request (JRM_098,
        START_TIME,2022-186T12:25:43.000,
        TITLE, "jm0430_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(74,2465)
        ),
    command(2,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCI_PAR("SCI_I1_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,359,75,5000,"LOW","LOW",
            "POINT",-57343,75,5000,"LOW","LOW","SPIN",-2922,"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,\00:09:22\,FROM_PREVIOUS_START,
            JRM_ERROR_LOG()
        ),
    command(6,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_STOP_HS_REC()
        ),
end;

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	70

```

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

request(JRM_099,
  START_TIME,2022-186T12:35:53.000,
  TITLE,\"jm0430_JRM_Science\",
  REQUESTOR,\"JRMTEAM\",
  PROCESSOR,\"VC2\",
  KEY,\"No_Key\")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR(\"SCI_I1_S1\",17,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,346,75,5000,\"LOW\",\"LOW\",
  \"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-2811,\"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,\00:09:22\,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,\"Atmosphere\"
),
end;

request(JRM_100,
  START_TIME,2022-186T12:46:03.000,
  TITLE,\"jm0430_JRM_Science\",
  REQUESTOR,\"JRMTEAM\",
  PROCESSOR,\"VC2\",
  KEY,\"No_Key\")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR(\"SCI_I1_S1\",17,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,333,75,5000,\"LOW\",\"LOW\",
  \"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-2709,\"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,\00:09:23\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	71

```

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

request(JRM_101,
    START_TIME,2022-186T12:56:14.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,321,75,5000,"LOW","LOW",
    ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-2615,"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,\00:09:22\,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,\"Atmosphere\"
    ),
end;

request(JRM_102,
    START_TIME,2022-186T13:06:24.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,311,75,5000,"LOW","LOW",
    ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-2529,"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,\00:09:22\,FROM_PREVIOUS_START,

```

			JIR-IAPS-SY-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	72

```

        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,\"Atmosphere\"
    ),
end;

request (JRM_103,
    START_TIME,2022-186T13:16:34.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,302,75,5000,"LOW","LOW",
", "POINT",-57343,75,5000,"LOW","LOW","SPIN",-2450,"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,\00:09:22\,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,\"Atmosphere\"
    ),
end;

request (JRM_104,
    START_TIME,2022-186T13:26:44.000,
    TITLE, "jm0430_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,292,75,5000,"LOW","LOW",
", "POINT",-57343,75,5000,"LOW","LOW","SPIN",-2375,"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-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	73

```

),
command(5,
  SCHEDULED_TIME,\00:09:22\,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,\"Atmosphere\"
),
end;

request(JRM_105,
  START_TIME,2022-186T13:36:54.000,
  TITLE, "jm0430_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S1",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,284,75,5000,"LOW","LOW",
  ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-2307,"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,\00:09:22\,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,\"Atmosphere\"
),
end;

request(JRM_106,
  START_TIME,2022-186T13:46:28.000,
  TITLE, "jm0430_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)
),
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-001-2023	
			Issue	1.0
	JUNO/JIRAM		Page	74

```

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_107,
START_TIME,2022-186T13:50:48.000,
TITLE, "jm0430_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_108,
START_TIME,2022-186T13:51:04.000,
TITLE, "jm0430_JRM_Heater_Op",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
THR_SET_PT_SEL("JIRAM_OH","NON_OPERATIONAL")
),
command(2,
SCHEDULED_TIME,\00:00:01\,FROM_PREVIOUS_START,
THR_SET_PT_SEL("JIRAM_DECON","NON_OPERATIONAL")
),
command(3,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
THR_SET_PT_SEL("JIRAM_ELECT_BE","NON_OPERATIONAL")
),
end;
$$EOF

```