Juno
JIRAM

Report JM0271

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Version 1.0

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1 INTRODUCTION

This document describes the activities that JIRAM performed during the activity period JM0271 (PJ027), with particular attention to the comparison between the expected and returned data, keeping track of the instrument configuration with the commanding file (SASF).

2 REFERENCES

Adriani A., M.L. Moriconi, A. Mura, F. Tosi, G. Sindoni, R. Noschese, A. Cicchetti, G. Filacchione (2016), Juno's Earth flyby: the Jovian infrared Auroral Mapper preliminary results, 2016. Astrophys. Space Sci. https://doi.org/10.1007/s10509-016-2842-9

Adriani, A., Filacchione, G., Di Iorio, T., Turrini, D., Noschese, R., Cicchetti, A., Grassi, D., Mura, A., Sindoni, G., Zambelli, M., Piccioni, G., Capria, M. T., Tosi, F., Orosei, R., Dinelli, B. M., Moriconi, M. L., Roncon, E., Lunine, J. I., Becker, H. N., Bini, A., Barbis, A., Calamai, L., Pasqui, C., Nencioni, S., Rossi, M., Lastri, M., Formaro, R., Olivieri, A., 2017. JIRAM, the Jovian Infrared Auroral Mapper.
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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.
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Adv. Space Res. (2019) https://doi.org/10.1016/j.asr.2019.09.052

3 ACTIVITY DESCRIPTION

During the PJ027 pass, JIRAM performed coverage of the South Pole and North Pole (see fig. 1 and fig. 2) and the planet's limb. Moreover, observations of Jupiter's moons Io , Ganymede and Europa have also been done (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.
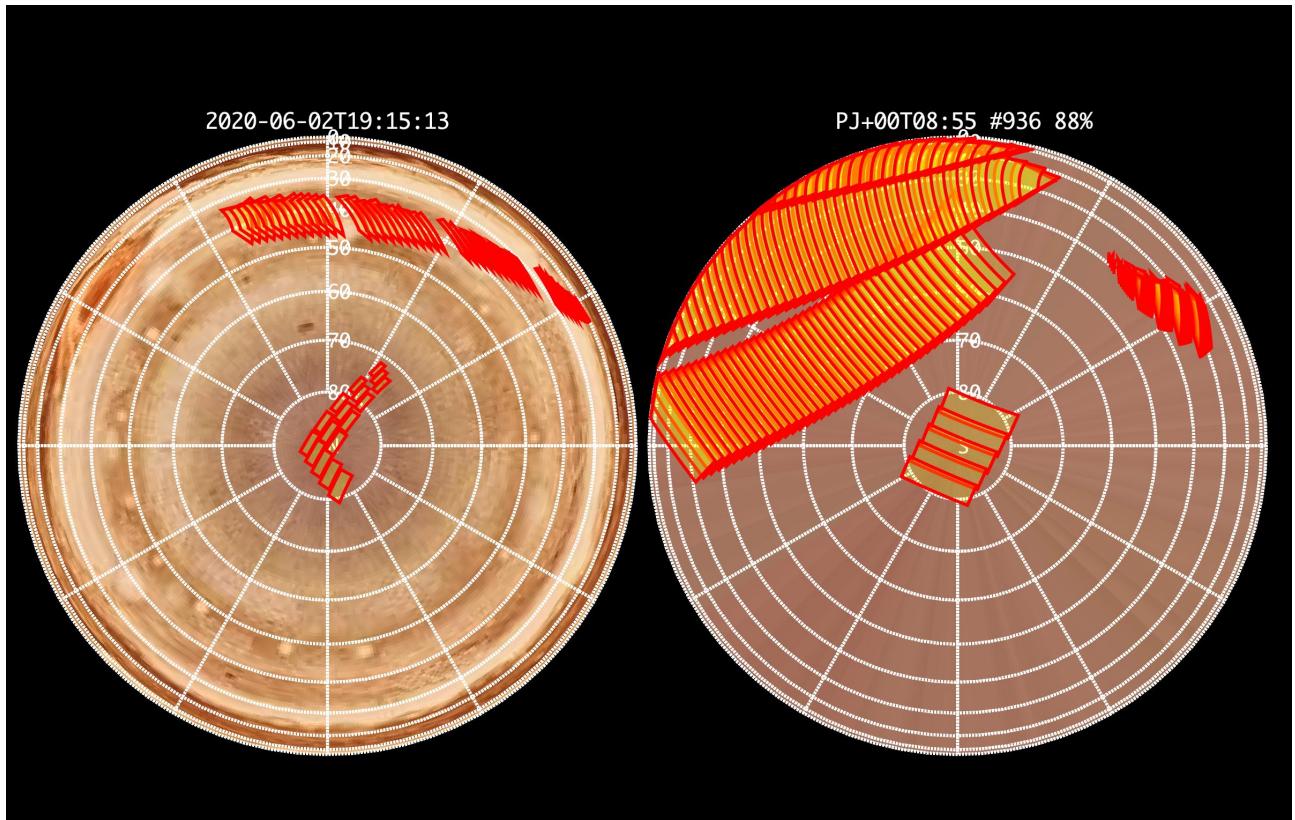
Figure 1: **Simulation with JSPT (JIRAM Software Planning Tool), coverage of the South Pole with filter M. The overlapping yellow strips represent the predicted FOVs.**
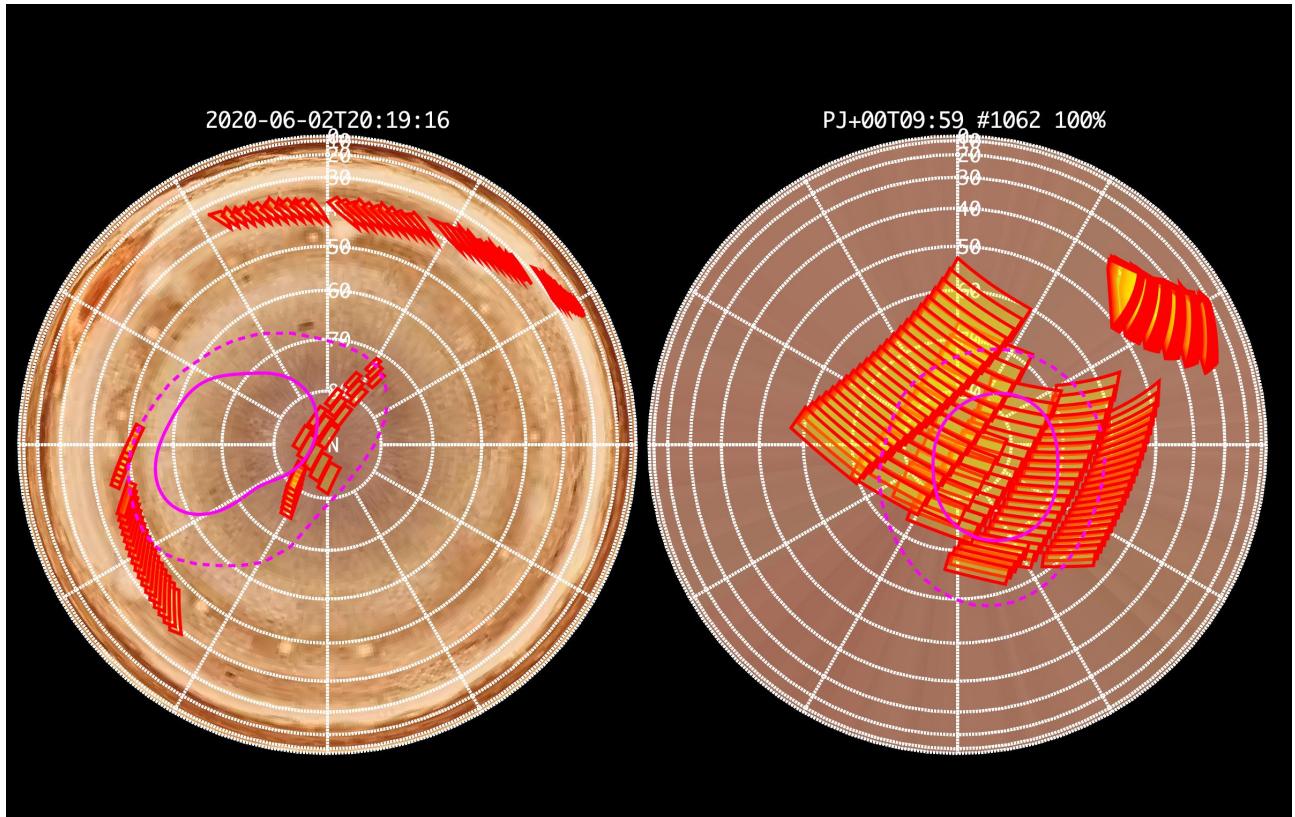
Figure 2: Simulation with JSPT. Coverage of the South Pole with filter L, the magenta line represents the theoretical position of the main auroral oval.
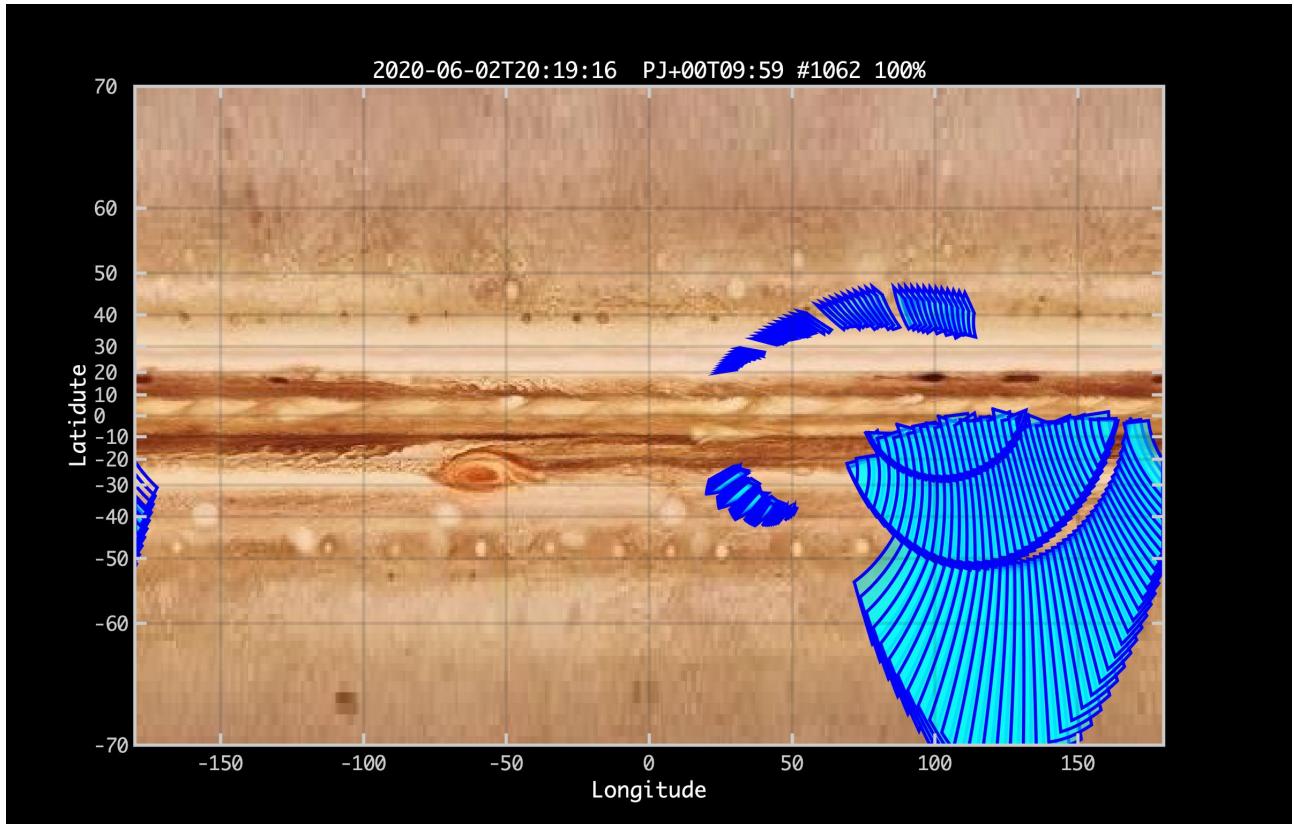
Figure 3: **Atmospheric Mapping: Hot Spots** *- Imager filter M*.

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, the inner magnetosphere, and the Southern polar region.

5 SCIENTIFIC GOALS

Below is a table that describes for each science block in the commanding file the relative operational mode and the scientific objectives. The files relating to the various science blocks are shown in the file "JIR_STATUS_EDR_2020153T152949_V01.CSV" in the INDEX directory.

JRM (sasf)	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_I1_S1	RADIATION
JRM_015	SCI_I1_S1	GANYMEDE
JRM_016	SCI_I1_S1	GANYMEDE
JRM_017	SCI_I1_S1	GANYMEDE
JRM_018	SCI_I1_S1	GANYMEDE
JRM_019	SCI_I1_S1	GANYMEDE
JRM_020	SCI_I1_S1	GANYMEDE
JRM_021	SCI_I1_S1	GANYMEDE
JRM_022	SCI_I1_S1	GANYMEDE
JRM_023	SCI_I1_S1	GANYMEDE
JRM_024	SCI_I1_S1	GANYMEDE
JRM_025	SCI_I1_S1	GANYMEDE
JRM_026	SCI_I1_S1	GANYMEDE
JRM_027	SCI_I1_S1	GANYMEDE
JRM_028	SCI_I1_S1	GANYMEDE
JRM_029	SCI_I1_S1	GANYMEDE
JRM_030	SCI_I1_S1	GANYMEDE
JRM_031	SCI_I1_S1	GANYMEDE
JRM_032	SCI_I1_S1	GANYMEDE
JRM_033	SCI_I1_S1	GANYMEDE
JRM_034	SCI_I1_S1	GANYMEDE
JRM_035	SCI_I1_S1	GANYMEDE
JRM_036	SCI_I1_S1	GANYMEDE
JRM_037	SCI_I1_S1	GANYMEDE
JRM_038	SCI_I1_S1	GANYMEDE
JRM_039	SCI_I1_S1	GANYMEDE
JRM_040	SCI_I1_S1	GANYMEDE
JRM_041	SCI_I1_S1	GANYMEDE
JRM_042	SCI_I1_S1	GANYMEDE
JRM_043	SCI_I1_S1	GANYMEDE
JRM_044	SCI_I1_S1	GANYMEDE
JRM_045	SCI_I1_S1	RADIATION
JRM_046	SCI_I1_S1	RADIATION
JRM_047	SCI_I1_S1	RADIATION
JRM_048	SCI_I1_S1	EUROPA
JRM_049	SCI_I1_S1	EUROPA
JRM_051	SCI_I1_S1	RADIATION
JRM_052	SCI_I1_S1	RADIATION
JRM_053	SCI_I1_S1	RADIATION

JRM_054	SCI_I1_S1	IO
JRM_055	SCI_I1_S1	IO
JRM_056	SCI_I1_S1	IO
JRM_057	SCI_I1_S1	IO
JRM_058	SCI_I3_S1	EUROPA FOOTPRINT NORTH
JRM_059	SCI_I3_S1	IO FOOTPRINT NORTH
JRM_060	SCI_I3_S1	GANYMEDE FOOTPRINT NORTH
JRM_061	SCI_I1_S1	NORTH POLE
JRM_062	SCI_I1_S1	NORTH POLE
JRM_063	SCI_I1_S1	NORTH POLE
JRM_064	SCI_I1_S1	NORTH POLE
JRM_065	SCI_I1_S1	NORTH POLE
JRM_066	SCI_I1_S1	LIMB UP
JRM_067	SCI_I1_S1	LIMB UP
JRM_068	SCI_I1_S1	LIMB UP
JRM_069	SCI_I1_S1	LIMB UP
JRM_071	SCI_I1_S1	RADIATION
JRM_072	SCI_I1_S1	RADIATION
JRM_073	SCI_I1_S1	LIMB DOWN
JRM_074	SCI_I1_S1	LIMB DOWN
JRM_075	SCI_I1_S1	LIMB DOWN
JRM_076	SCI_I1_S1	LIMB DOWN
JRM_077	SCI_I1_S1	LIMB DOWN
JRM_078	SCI_I1_S1	LIMB DOWN
JRM_079	SCI_I3_S1	SOUTH AURORA
JRM_080	SCI_I3_S1	SOUTH AURORA
JRM_081	SCI_I3_S1	GANYMEDE FOOTPRINT SOUTH
JRM_082	SCI_I3_S1	SOUTH AURORA
JRM_083	SCI_I1_S1	SOUTH POLE
JRM_084	SCI_I3_S1	SOUTH AURORA
JRM_085	SCI_I3_S1	IO, EUROPA FOOTPRINT SOUTH
JRM_086	SCI_I2_S1	ATMOSPHERE
JRM_087	SCI_I2_S1	ATMOSPHERE
JRM_088	SCI_I2_S1	ATMOSPHERE
JRM_090	SCI_I1_S1	RADIATION
JRM_091	SCI_I1_S1	GANYMEDE
JRM_092	SCI_I1_S1	GANYMEDE
JRM_093	SCI_I1_S1	GANYMEDE
JRM_094	SCI_I1_S1	GANYMEDE
JRM_095	SCI_I1_S1	GANYMEDE
JRM_096	SCI_I1_S1	GANYMEDE
JRM_097	SCI_I1_S1	GANYMEDE
JRM_098	SCI_I1_S1	GANYMEDE
JRM_099	SCI_I1_S1	GANYMEDE
JRM_100	SCI_I1_S1	GANYMEDE
JRM_101	SCI_I1_S1	GANYMEDE
JRM_102	SCI_I1_S1	GANYMEDE

JRM_103	SCI_I1_S1	GANYMEDE
JRM_105	SCI_I1_S1	GANYMEDE
JRM_106	SCI_I1_S1	GANYMEDE
JRM_107	SCI_I1_S1	IO
JRM_108	SCI_I1_S1	IO
JRM_109	SCI_I1_S1	IO
JRM_110	SCI_I1_S1	IO
JRM_111	SCI_I1_S1	IO
JRM_112	SCI_I1_S1	IO
JRM_113	SCI_I1_S1	IO
JRM_114	SCI_I1_S1	IO
JRM_115	CAL_I1_S1	INTERNAL CALIBRATION

Table 1: Scientific Goals

6 DATA COLLECTION OVERVIEW

Below is a table that gives an overview of the data collected during the activity period JM0261. The table describes, for each science block in the commanding file, the programmed operational modes and the data actually collected.

JRM (sasf)	Operational Mode	Observations	Packets Retrieved	Packets Expected	Missing Observations SPE	Missing Observations IMG
JRM_004	CAL_I1_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_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_015	SCI_I1_S1	10 IMG 10 SPE	120	120	0	0
JRM_016	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_017	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0

JRM_018	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_019	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_020	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_021	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_022	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_023	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_024	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_025	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_026	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_027	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_028	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_029	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_030	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_031	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_032	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_033	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_034	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_035	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_036	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_037	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_038	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_039	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_040	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_041	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_042	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_043	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_044	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_045	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0

JRM_046	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_047	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_048	SCI_I1_S1	20 IMG 20 SPE	240	240	0	0
JRM_049	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_051	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_052	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_053	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_054	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_055	SCI_I1_S1	4 IMG 4 SPE	48	48	0	0
JRM_056	SCI_I1_S1	4 IMG 4 SPE	48	48	0	0
JRM_057	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_058	SCI_I3_S1	17 IMG 17 SPE	117	117	0	0
JRM_059	SCI_I3_S1	7 IMG 7 SPE	63	63	0	0
JRM_060	SCI_I3_S1	6 IMG 6 SPE	54	54	0	0
JRM_061	SCI_I1_S1	5 IMG 5 SPE	60	60	0	0
JRM_062	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_063	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_064	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_065	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_066	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_067	SCI_I1_S1	11 IMG 11 SPE	132	132	0	0
JRM_068	SCI_I1_S1	11 IMG 11 SPE	132	132	0	0
JRM_069	SCI_I1_S1	11 IMG 11 SPE	132	132	0	0
JRM_071	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_072	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_073	SCI_I1_S1	10 IMG 10 SPE	120	120	0	0
JRM_074	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_075	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0

JRM_076	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_077	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_078	SCI_I1_S1	5 IMG 5 SPE	60	60	0	0
JRM_079	SCI_I3_S1	22 IMG 22 SPE	198	198	0	0
JRM_080	SCI_I3_S1	20 IMG 20 SPE	180	180	0	0
JRM_081	SCI_I3_S1	5 IMG 5 SPE	45	45	0	0
JRM_082	SCI_I3_S1	14 IMG 14 SPE	189	189	0	0
JRM_083	SCI_I1_S1	5IMG 5 SPE	96	96	0	0
JRM_084	SCI_I3_S1	13 IMG 13 SPE	126	126	0	0
JRM_085	SCI_I3_S1	23 IMG 23 SPE	207	207	0	0
JRM_086	SCI_I2_S1	41 IMG 41 SPE	369	369	0	0
JRM_087	SCI_I2_S1	39 IMG 39 SPE	351	351	0	0
JRM_088	SCI_I2_S1	38 IMG 38 SPE	342	342	0	0
JRM_090	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_091	SCI_I1_S1	10 IMG 10 SPE	120	120	0	0
JRM_092	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_093	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_094	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_095	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_096	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_097	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_098	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_099	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_100	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_101	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_102	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_103	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_104	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0

JRM_105	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_106	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_107	SCI_I1_S1	20 IMG 20 SPE	240	240	0	0
JRM_108	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_109	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_110	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_111	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_112	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_113	SCI_I1_S1	18 IMG 18 SPE	216	216	0	0
JRM_114	SCI_I1_S1	11 IMG 11 SPE	132	132	0	0
JRM_115	CAL_I1_S1	6 IMG 6 SPE	72	72	0	0

Table 2: Data Overview

A.1 Commanding file (SASF)

```
*************************************************************


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$$EOF CCSD3ZF0000100000001NJPL3KS0L015$$MARK$$;
MISSION_NAME = JUNO;
SPACECRAFT_NAME = JUNO;
DATA_SET_ID = SPACECRAFT_ACTIVITY_SEQUENCE_JRM;
FILE_NAME = jm0271_JRMc.sasf;
APPLICABLE_START_TIME = 2020-153T10:00:00.000;
APPLICABLE_STOP_TIME = 2020-179T20:00:00.000;
PRODUCT_CREATION_TIME = 2020-121T12:57:57.000;
PRODUCER_ID = JRMTEAM;
SEQ_ID = jm0271_JRMc;
HOST_ID = JRM_CMD_271_271_V05.jrm;
CCSD3RE00000$$MARK$$NJPL3IF0M01300000001;
$$JNO          SPACECRAFT ACTIVITY SEQUENCE FILE
************************************************************
*PROJECT    JNO
*SPACECRAFT 61
*OPERATOR   JRMTEAM
*FILE_CMPLT TRUE
*DATE       Thu Apr 30 12:57:57 2020
*BEGIN      2020-153T10:00:00.000
*CUTOFF     2020-179T20:00:00.000
*TITLE      jm0271_JRMc
*EPOCHS_DEF
*jm0271_JRM,     2020-153T10:00:00.000
*EPOCHS_END
*Input files used:
*File Type  Last modified            File name
*PACKETS_NUMBER  10965
************************************************************
$$EOH
$$EOD
request(JRM_Sequence_Management_Request,
              START_TIME,2020-153T10:00:00.000,
              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","jm0271_JRM","jm0271_JRM.abs","d:/seq)
          ),
      command(2,
              SCHEDULED_TIME,\00:00:30\,FROM_PREVIOUS_START,
              FILE_DELETE("d:/seq/jm0271_JRM.abs")
          ),
      command(3,
              SCHEDULED_TIME,\026T09:59:58\,FROM_REQUEST_START,
              VM_LOAD(20,"d:/seq/jm0272_JRM.abs")
          ),
 end;

request(JRM_001,
              START_TIME,2020-153T10:05:04.000,
              TITLE, "jm0271_JRM_Heater_Op",
              REQUESTOR, "JRMTEAM",
              PROCESSOR, "VC2",
              KEY, "No_Key")
      command(1,
              SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
              THRM_SET_PT_SEL("JIRAM_OH","OPERATIONAL")
        ),
```

```
        command(2,
                SCHEDULED_TIME,\00:00:01\,FROM_PREVIOUS_START,
                THRM_SET_PT_SEL("JIRAM_DECON","OPERATIONAL")
        ),
        command(3,
                SCHEDULED_TIME,\03:10:00\,FROM_PREVIOUS_START,
                THRM_SET_PT_SEL("JIRAM_ELECT_BP","OPERATIONAL")
        ),
            note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"NaN"\
            ),
 end;

request(JRM_002,
                START_TIME,2020-153T15:26:04.000,
                TITLE, "jm0271_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,2020-153T15:28:47.000,
                TITLE, "jm0271_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,2020-153T15:28:59.000,
                TITLE, "jm0271_JRM_Calibration",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_CAL_PAR(8,14,8,14,30,700,30,700,30,700,30,700,30,700,200,200,153,153)
            ),
        command(2,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_GET_PAR(6000)
            ),
        command(3,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
```

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            ),
        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,2020-153T15:38:15.000,
                TITLE, "jm0271_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,
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                        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_27_003_GoodPxMap_2020-153T15:38:15.000"\
                ),
 end;

request(JRM_006,
                START_TIME,2020-153T15:43:15.000,
                TITLE, "jm0271_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,
```

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                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_27_004_GoodPxMap_2020-153T15:43:15.000"\
            ),
  end;

request(JRM_007,
                START_TIME,2020-153T15:48:15.000,
                TITLE, "jm0271_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)
            ),
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        command(11,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(12,
                SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
        command(13,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_SET_PAR(92,8174)
            ),
        command(14,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
            note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Radiation_Sequence_27_005_GoodPxMap_2020-153T15:48:15.000"\
            ),
 end;

request(JRM_008,
                START_TIME,2020-153T15:53:15.000,
                TITLE, "jm0271_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)
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       ),
       command(11,
               SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
               JRM_SCIENCE()
           ),
       command(12,
               SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
               JRM_STOP_HS_REC()
           ),
       command(13,
               SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
               JRM_SET_PAR(92,8174)
           ),
       command(14,
               SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
               JRM_ERROR_LOG()
           ),
        note(1,
               SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
               TEXT,\"Radiation_Sequence_27_006_GoodPxMap_2020-153T15:53:15.000"\
           ),
 end;

request(JRM_009,
               START_TIME,2020-153T15:58:15.000,
               TITLE, "jm0271_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,
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                        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_27_007_GoodPxMap_2020-153T15:58:15.000"\
                ),
 end;

request(JRM_010,
                  START_TIME,2020-153T16:03:15.000,
                  TITLE, "jm0271_JRM_Science",
                  REQUESTOR, "JRMTEAM",
                  PROCESSOR, "VC2",
                  KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(92,153)
                ),
        command(2,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
                ),
        command(10,
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            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_27_008_GoodPxMap_2020-153T16:03:15.000"\
        ),
 end;

request(JRM_011,
              START_TIME,2020-153T16:08:15.000,
              TITLE, "jm0271_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")
        ),
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        command(10,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_GET_PAR(6000)
            ),
        command(11,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(12,
                SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
        command(13,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_SET_PAR(92,8174)
            ),
        command(14,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
            note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Radiation_Sequence_27_009_GoodPxMap_2020-153T16:08:15.000"\
            ),
  end;

request(JRM_012,
                START_TIME,2020-153T18:11:54.000,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(92,153)
            ),
        command(2,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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

```
            ),
        command(10,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_GET_PAR(6000)
            ),
        command(11,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(12,
                SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
        command(13,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_SET_PAR(92,8174)
            ),
        command(14,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Radiation_Sequence_27_010_MagEq_2020-153T18:11:54.000"\
            ),
 end;

request(JRM_013,
                START_TIME,2020-153T19:43:15.000,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(92,153)
            ),
        command(2,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

```
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
        ),
      command(10,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_GET_PAR(6000)
        ),
      command(11,
            SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
            JRM_SCIENCE()
        ),
      command(12,
            SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
            JRM_STOP_HS_REC()
        ),
      command(13,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_SET_PAR(92,8174)
        ),
      command(14,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            JRM_ERROR_LOG()
        ),
       note(1,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
            TEXT,\"Radiation_Sequence_27_011_DarkFrame_2020-153T19:43:15.000"\
        ),
 end;

request(JRM_014,
            START_TIME,2020-153T21:49:01.000,
            TITLE, "jm0271_JRM_Science",
            REQUESTOR, "JRMTEAM",
            PROCESSOR, "VC2",
            KEY, "No_Key")
      command(1,
            SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
            JRM_SET_PAR(92,153)
        ),
      command(2,
            SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
        command(10,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_GET_PAR(6000)
            ),
        command(11,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(12,
                SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
        command(13,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_SET_PAR(92,8174)
            ),
        command(14,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Radiation_Sequence_27_012_MagEq_2020-153T21:49:01.000"\
            ),
 end;

request(JRM_015,
                START_TIME,2020-153T23:19:34.500,
                TITLE, "jm0271_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_I1_S1",10,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW
","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2345,"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,\00:05:46\,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,\"Ganymede"\
            ),
 end;

request(JRM_016,
                START_TIME,2020-153T23:25:40.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2392,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
  end;

request(JRM_017,
                START_TIME,2020-153T23:30:45.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2440,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
  end;

request(JRM_018,
```

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                        START_TIME,2020-153T23:35:50.500,
                        TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2488,"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,\00:04:45\,FROM_PREVIOUS_START,
                        JRM_ERROR_LOG()
                ),
            command(6,
                        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                        JRM_STOP_HS_REC()
                ),
             note(1,
                        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                        TEXT,\"Ganymede"\
                ),
      end;

request(JRM_019,
                        START_TIME,2020-153T23:40:55.500,
                        TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2537,"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,\00:04:45\,FROM_PREVIOUS_START,
                        JRM_ERROR_LOG()
                ),
            command(6,
                        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                        JRM_STOP_HS_REC()
                ),
             note(1,
                        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                        TEXT,\"Ganymede"\
                ),
```

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         end;

request(JRM_020,
                  START_TIME,2020-153T23:46:00.500,
                  TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2585,"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,\00:04:45\,FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
              ),
         command(6,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
              ),
           note(1,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  TEXT,\"Ganymede"\
              ),
         end;

request(JRM_021,
                  START_TIME,2020-153T23:51:05.500,
                  TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2635,"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,\00:04:45\,FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
              ),
         command(6,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
              ),
           note(1,
```

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

request(JRM_022,
                START_TIME,2020-153T23:56:10.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2685,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
        end;

request(JRM_023,
                START_TIME,2020-154T00:01:15.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2736,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
```

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

request(JRM_024,
                START_TIME,2020-154T00:06:21.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2788,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
        ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
        ),
                note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
                ),
 end;

request(JRM_025,
                START_TIME,2020-154T00:11:26.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2840,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
```

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

request(JRM_026,
                START_TIME,2020-154T00:16:31.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2892,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
            note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
     end;

request(JRM_027,
                START_TIME,2020-154T00:21:36.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2946,"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,\00:04:45\,FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
              ),
          command(6,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
              ),
           note(1,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  TEXT,\"Ganymede"\
              ),
  end;

request(JRM_028,
                  START_TIME,2020-154T00:26:41.500,
                  TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2999,"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,\00:04:45\,FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
              ),
          command(6,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
              ),
           note(1,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  TEXT,\"Ganymede"\
              ),
  end;

request(JRM_029,
                  START_TIME,2020-154T00:31:46.500,
                  TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3054,"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,\00:04:45\,FROM_PREVIOUS_START,
                    JRM_ERROR_LOG()
                ),
            command(6,
                    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                    JRM_STOP_HS_REC()
                ),
             note(1,
                    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                    TEXT,\"Ganymede"\
                ),
      end;

request(JRM_030,
                  START_TIME,2020-154T00:36:51.500,
                  TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3109,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
      end;

request(JRM_031,
                  START_TIME,2020-154T00:41:56.500,
                  TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3164,"NO_SUMMED_SCI")
            ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
```

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                                JRM_START_HS_REC()
                        ),
                command(4,
                        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                        JRM_SCIENCE()
                        ),
                command(5,
                        SCHEDULED_TIME,\00:04:45\,FROM_PREVIOUS_START,
                        JRM_ERROR_LOG()
                        ),
                command(6,
                        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                        JRM_STOP_HS_REC()
                        ),
                    note(1,
                        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                        TEXT,\"Ganymede"\
                        ),
        end;

request(JRM_032,
                        START_TIME,2020-154T00:47:01.500,
                        TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3221,"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,\00:04:45\,FROM_PREVIOUS_START,
                        JRM_ERROR_LOG()
                        ),
                command(6,
                        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                        JRM_STOP_HS_REC()
                        ),
                    note(1,
                        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                        TEXT,\"Ganymede"\
                        ),
        end;

request(JRM_033,
                        START_TIME,2020-154T00:52:06.500,
                        TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3277,"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,\00:04:45\,FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
                  ),
          command(6,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
                  ),
           note(1,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  TEXT,\"Ganymede"\
                  ),
    end;

  request(JRM_034,
                  START_TIME,2020-154T00:57:11.500,
                  TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3335,"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,\00:04:45\,FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
                  ),
          command(6,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
                  ),
           note(1,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  TEXT,\"Ganymede"\
                  ),
    end;

  request(JRM_035,
                  START_TIME,2020-154T01:02:16.500,
                  TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3393,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
          ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
          ),
           note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
          ),
 end;

request(JRM_036,
                START_TIME,2020-154T01:07:21.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3452,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
          ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
          ),
           note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
          ),
 end;

request(JRM_037,
                START_TIME,2020-154T01:12:26.500,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(74,0)
```

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            ),
        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",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3511,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
 end;

request(JRM_038,
                START_TIME,2020-154T01:17:31.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3571,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
 end;

request(JRM_039,
                START_TIME,2020-154T01:22:36.500,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
```

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        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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3632,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
  end;

request(JRM_040,
                START_TIME,2020-154T01:27:41.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3693,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
  end;

request(JRM_041,
                START_TIME,2020-154T01:32:46.500,
                TITLE, "jm0271_JRM_Science",
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                            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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3756,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
          note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
 end;

request(JRM_042,
                START_TIME,2020-154T01:37:51.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3819,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
          note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
  end;
```

```
request(JRM_043,
                START_TIME,2020-154T01:42:56.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
            note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
 end;

request(JRM_044,
                START_TIME,2020-154T01:48:01.500,
                TITLE, "jm0271_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_I1_S1",3,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3931,"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,\00:02:12\,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,\"Ganymede"\
```

```
            ),
 end;

request(JRM_045,
                  START_TIME,2020-154T02:13:15.000,
                  TITLE, "jm0271_JRM_Science",
                  REQUESTOR, "JRMTEAM",
                  PROCESSOR, "VC2",
                  KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(92,153)
            ),
        command(2,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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

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                  TEXT,\"Radiation_Sequence_27_013_Approach_2020-154T02:13:15.000"\
            ),
 end;

request(JRM_046,
                  START_TIME,2020-154T03:28:15.000,
                  TITLE, "jm0271_JRM_Science",
                  REQUESTOR, "JRMTEAM",
                  PROCESSOR, "VC2",
                  KEY, "No_Key")
        command(1,
                  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                  JRM_SET_PAR(92,153)
            ),
        command(2,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
        command(10,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
            ),
        command(11,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
        command(12,
                  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
            ),
        command(13,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM_SET_PAR(92,8174)
            ),
        command(14,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
            ),
          note(1,
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                    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                    TEXT,\"Radiation_Sequence_27_014_Approach_2020-154T03:28:15.000"\
        ),
 end;

request(JRM_047,
                    START_TIME,2020-154T04:58:15.000,
                    TITLE, "jm0271_JRM_Science",
                    REQUESTOR, "JRMTEAM",
                    PROCESSOR, "VC2",
                    KEY, "No_Key")
        command(1,
                    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                    JRM_SET_PAR(92,153)
            ),
        command(2,
                    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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

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            note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Radiation_Sequence_27_015_Approach_2020-154T04:58:15.000"\
            ),
  end;

request(JRM_048,
                START_TIME,2020-154T05:37:18.500,
                TITLE, "jm0271_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",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,19,2500,5000,"LOW","LO
W","POINT",-57343,2500,5000,"LOW","LOW","SPIN",38147,"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,\"Europa"\
            ),
  end;

request(JRM_049,
                START_TIME,2020-154T05:48:29.500,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(74,2000)
            ),
        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",0,21,1000,5000,"LOW","LO
W","POINT",-57343,1000,5000,"LOW","LOW","SPIN",37850,"NO_SUMMED_SCI")
            ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
            ),
        command(4,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(5,
                SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
```

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

request(JRM_050,
                  START_TIME,2020-154T05:58:32.500,
                  TITLE, "jm0271_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_051,
                  START_TIME,2020-154T06:28:15.000,
                  TITLE, "jm0271_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")
              ),
```

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        command(10,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_GET_PAR(6000)
            ),
        command(11,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(12,
                SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
        command(13,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_SET_PAR(92,8174)
            ),
        command(14,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
          note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Radiation_Sequence_27_016_Approach_2020-154T06:28:15.000"\
            ),
  end;

request(JRM_052,
                START_TIME,2020-154T07:58:15.000,
                TITLE, "jm0271_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")
```

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                ),
        command(10,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_GET_PAR(6000)
             ),
        command(11,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
             ),
        command(12,
                SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
             ),
        command(13,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_SET_PAR(92,8174)
             ),
        command(14,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
             ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Radiation_Sequence_27_017_Approach_2020-154T07:58:15.000"\
             ),
 end;

request(JRM_053,
                START_TIME,2020-154T08:58:15.000,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(92,153)
             ),
        command(2,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

```
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
        command(10,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_GET_PAR(6000)
            ),
        command(11,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(12,
                SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
        command(13,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_SET_PAR(92,8174)
            ),
        command(14,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Radiation_Sequence_27_018_Approach_2020-154T08:58:15.000"\
            ),
 end;

request(JRM_054,
                START_TIME,2020-154T09:07:16.500,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(74,2250)
            ),
        command(2,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,36,500,5000,"LOW","LOW"
,"POINT",-57343,500,5000,"LOW","LOW","SPIN",30727,"NO_SUMMED_SCI")
            ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
            ),
        command(4,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(5,
                SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Io M"\
            ),
 end;

request(JRM_055,
                START_TIME,2020-154T09:11:21.500,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
```

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                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(74,2250)
            ),
        command(2,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",4,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,58,500,5000,"LOW","LOW"
,"POINT",-57343,500,5000,"LOW","LOW","SPIN",30601,"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,\00:02:44\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Io M"\
            ),
  end;

request(JRM_056,
                START_TIME,2020-154T09:14:24.500,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(74,2250)
            ),
        command(2,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",4,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,57,500,5000,"LOW","LOW"
,"POINT",-57343,500,5000,"LOW","LOW","SPIN",30470,"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,\00:02:44\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Io M"\
            ),
  end;

request(JRM_057,
                START_TIME,2020-154T09:17:27.500,
```

```
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(74,2000)
            ),
        command(2,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,1000,5000,"LOW","LOW"
,"POINT",-57343,1000,5000,"LOW","LOW","SPIN",29967,"NO_SUMMED_SCI")
            ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
            ),
        command(4,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(5,
                SCHEDULED_TIME,\00:03:44\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Io L"\
            ),
 end;

request(JRM_058,
                START_TIME,2020-154T09:21:31.500,
                TITLE, "jm0271_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",17,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,239,5000,5000,"LOW","L
OW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-606,"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,\00:09:21\,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,\"Europa FP North"\
            ),
 end;
```

```
request(JRM_059,
                  START_TIME,2020-154T09:31:41.500,
                  TITLE, "jm0271_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",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,81,5000,5000,"LOW","LOW
","POINT",-57343,5000,5000,"LOW","LOW","SPIN",4337,"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,\00:04:15\,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 North"\
            ),
 end;

request(JRM_060,
                  START_TIME,2020-154T09:36:46.500,
                  TITLE, "jm0271_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",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,14,5000,5000,"LOW","LOW
","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-6327,"NO_SUMMED_SCI")
            ),
        command(3,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_START_HS_REC()
            ),
        command(4,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
        command(5,
                  SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
            ),
        command(6,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
            ),
          note(1,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
```

```
                                TEXT,\"Ganymede FP North"\
                    ),
    end;

request(JRM_061,
                  START_TIME,2020-154T09:40:50.500,
                  TITLE, "jm0271_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",5,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,598,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-7911,"NO_SUMMED_SCI")
            ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
            ),
        command(4,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(5,
                SCHEDULED_TIME,\00:03:15\,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,2020-154T09:44:24.500,
                  TITLE, "jm0271_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",3,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,717,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-6947,"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,\00:02:13\,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,2020-154T09:46:57.500,
                TITLE, "jm0271_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",3,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,718,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-6941,"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,\00:02:13\,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,2020-154T09:49:29.500,
                TITLE, "jm0271_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",3,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,718,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-6933,"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,\00:02:13\,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,2020-154T09:52:02.500,
            TITLE, "jm0271_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",3,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,718,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-6923,"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,\00:02:13\,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,2020-154T09:56:06.500,
            TITLE, "jm0271_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",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,102,2500,5000,"LOW","L
OW","POINT",-57343,2500,5000,"LOW","LOW","SPIN",15183,"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,
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                    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,\"Limb Up"\
                ),
        end;

request(JRM_067,
                    START_TIME,2020-154T10:03:44.500,
                    TITLE, "jm0271_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",11,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,115,2500,5000,"LOW","L
OW","POINT",-57343,2500,5000,"LOW","LOW","SPIN",16527,"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,\00:06:18\,FROM_PREVIOUS_START,
                    JRM_ERROR_LOG()
                ),
        command(6,
                    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                    JRM_STOP_HS_REC()
                ),
                note(1,
                    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                    TEXT,\"Limb Up"\
                ),
        end;

request(JRM_068,
                    START_TIME,2020-154T10:10:22.500,
                    TITLE, "jm0271_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",11,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,68,2500,5000,"LOW","LO
W","POINT",-57343,2500,5000,"LOW","LOW","SPIN",17854,"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,
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                    JRM_SCIENCE()
                ),
        command(5,
                SCHEDULED_TIME,\00:06:18\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
                ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
                ),
            note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Limb Up"\
                ),
    end;

request(JRM_069,
                START_TIME,2020-154T10:17:00.500,
                TITLE, "jm0271_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",11,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,28,2500,5000,"LOW","LO
W","POINT",-57343,2500,5000,"LOW","LOW","SPIN",17618,"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,\00:06:18\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
                ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
                ),
            note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Limb Up"\
                ),
    end;

request(JRM_070,
                START_TIME,2020-154T10:23:30.500,
                TITLE, "jm0271_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_071,
                START_TIME,2020-154T10:25:47.000,
                TITLE, "jm0271_JRM_Science",
```

```
                    REQUESTOR, "JRMTEAM",
                    PROCESSOR, "VC2",
                    KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(92,153)
            ),
        command(2,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
        command(10,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_GET_PAR(6000)
            ),
        command(11,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(12,
                SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
        command(13,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_SET_PAR(92,8174)
            ),
        command(14,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Radiation_Sequence_27_019_Ring_2020-154T10:25:47.000"\
            ),
  end;

request(JRM_072,
                START_TIME,2020-154T10:43:17.000,
```

```
                    TITLE, "jm0271_JRM_Science",
                    REQUESTOR, "JRMTEAM",
                    PROCESSOR, "VC2",
                    KEY, "No_Key")
            command(1,
                    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                    JRM_SET_PAR(92,153)
                ),
            command(2,
                    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
                ),
            command(10,
                    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                    JRM_GET_PAR(6000)
                ),
            command(11,
                    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                    JRM_SCIENCE()
                ),
            command(12,
                    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                    JRM_STOP_HS_REC()
                ),
            command(13,
                    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                    JRM_SET_PAR(92,8174)
                ),
            command(14,
                    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                    JRM_ERROR_LOG()
                ),
             note(1,
                    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                    TEXT,\"Radiation_Sequence_27_020_SHiLatLobe_2020-154T10:43:17.000"\
                ),
        end;

request(JRM_073,
```

```
                        START_TIME,2020-154T10:50:12.500,
                        TITLE, "jm0271_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",0,0,2500,5000,"LOW","LOW
","POINT",-57343,2500,5000,"LOW","LOW","SPIN",-6835,"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,\00:05:46\,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,\"Limb Down"\
                ),
 end;

request(JRM_074,
                    START_TIME,2020-154T10:56:18.500,
                    TITLE, "jm0271_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",0,0,2500,5000,"LOW","LOW"
,"POINT",-57343,2500,5000,"LOW","LOW","SPIN",-7326,"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,\00:04:45\,FROM_PREVIOUS_START,
                    JRM_ERROR_LOG()
                ),
            command(6,
                    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                    JRM_STOP_HS_REC()
                ),
             note(1,
                    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                    TEXT,\"Limb Down"\
                ),
```

```
          end;

request(JRM_075,
                  START_TIME,2020-154T11:01:24.500,
                  TITLE, "jm0271_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",0,0,2500,5000,"LOW","LOW"
,"POINT",-57343,2500,5000,"LOW","LOW","SPIN",-7604,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
            note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Limb Down"\
            ),
 end;

request(JRM_076,
                  START_TIME,2020-154T11:06:29.500,
                  TITLE, "jm0271_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",0,0,2500,5000,"LOW","LOW"
,"POINT",-57343,2500,5000,"LOW","LOW","SPIN",-7747,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
            note(1,
```

```
                        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                        TEXT,\"Limb Down"\
                ),
        end;

request(JRM_077,
                        START_TIME,2020-154T11:11:34.500,
                        TITLE, "jm0271_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",0,0,2500,5000,"LOW","LOW"
,"POINT",-57343,2500,5000,"LOW","LOW","SPIN",-7795,"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,\00:04:45\,FROM_PREVIOUS_START,
                        JRM_ERROR_LOG()
                ),
        command(6,
                        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                        JRM_STOP_HS_REC()
                ),
         note(1,
                        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                        TEXT,\"Limb Down"\
                ),
        end;

request(JRM_078,
                        START_TIME,2020-154T11:16:39.500,
                        TITLE, "jm0271_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",5,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,5,2500,5000,"LOW","LOW"
,"POINT",-57343,2500,5000,"LOW","LOW","SPIN",-7796,"NO_SUMMED_SCI")
                ),
        command(3,
                        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                        JRM_START_HS_REC()
                ),
        command(4,
                        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                        JRM_SCIENCE()
                ),
        command(5,
                        SCHEDULED_TIME,\00:03:14\,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,2020-154T11:20:13.500,
                        TITLE, "jm0271_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",22,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,243,5000,5000,"LOW","L
OW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-5402,"NO_SUMMED_SCI")
                ),
        command(3,
                        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                        JRM_START_HS_REC()
                ),
        command(4,
                        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                        JRM_SCIENCE()
                ),
        command(5,
                        SCHEDULED_TIME,\00:11:54\,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,\"South Aurora"\
                ),
 end;

request(JRM_080,
                        START_TIME,2020-154T11:32:25.500,
                        TITLE, "jm0271_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",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,269,5000,5000,"LOW","L
OW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-5411,"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,\"South Aurora"\
              ),
  end;

request(JRM_081,
                START_TIME,2020-154T11:43:36.500,
                TITLE, "jm0271_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",5,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,223,5000,5000,"LOW","LO
W","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-569,"NO_SUMMED_SCI")
              ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
              ),
        command(4,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
              ),
        command(5,
                SCHEDULED_TIME,\00:03:14\,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,\"Ganymede FP South"\
              ),
  end;

request(JRM_082,
                START_TIME,2020-154T11:47:10.500,
                TITLE, "jm0271_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",14,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,294,5000,5000,"LOW","L
OW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-4459,"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,\00:07:50\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"South Aurora"\
            ),
 end;

request(JRM_083,
                START_TIME,2020-154T11:55:18.500,
                TITLE, "jm0271_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",5,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,478,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-2868,"NO_SUMMED_SCI")
            ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
            ),
        command(4,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(5,
                SCHEDULED_TIME,\00:03:14\,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,2020-154T11:58:51.500,
                TITLE, "jm0271_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",0,319,5000,5000,"LOW","L
OW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-4465,"NO_SUMMED_SCI")
            ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
            ),
        command(4,
```

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                        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,\"South Aurora"\
                    ),
        end;

request(JRM_085,
                  START_TIME,2020-154T12:06:29.500,
                  TITLE, "jm0271_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",23,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,205,5000,5000,"LOW","L
OW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-4742,"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,\00:12:24\,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,\"Io Europa FP South"\
                ),
        end;

request(JRM_086,
                  START_TIME,2020-154T12:19:12.500,
                  TITLE, "jm0271_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",41,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,175,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-3827,"NO_SUMMED_SCI")
                ),
        command(3,
                    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
```

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                            JRM_START_HS_REC()
            ),
        command(4,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(5,
                SCHEDULED_TIME,\00:21:33\,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_087,
                START_TIME,2020-154T12:41:03.500,
                TITLE, "jm0271_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",39,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,184,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-3829,"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,\00:20:32\,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_088,
                START_TIME,2020-154T13:01:54.500,
                TITLE, "jm0271_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",38,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,190,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-3841,"NO_SUMMED_SCI")
```

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            ),
        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,\00:20:02\,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_089,
                START_TIME,2020-154T13:22:08.500,
                TITLE, "jm0271_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_090,
                START_TIME,2020-154T13:38:08.000,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(92,153)
            ),
        command(2,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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        command(7,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_GET_PAR(6000)
            ),
        command(8,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(9,
                SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
        command(10,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_GET_PAR(6000)
            ),
        command(11,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(12,
                SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
        command(13,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_SET_PAR(92,8174)
            ),
        command(14,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
          note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Radiation_Sequence_27_021_LtngMovie4_2020-154T13:38:08.000"\
            ),
 end;

request(JRM_091,
                START_TIME,2020-154T14:37:28.500,
                TITLE, "jm0271_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_I1_S1",10,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW
","POINT",-57343,5000,5000,"LOW","LOW","SPIN",23330,"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,\00:05:46\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
          note(1,
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                        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                        TEXT,\"Ganymede"\
                ),
        end;

request(JRM_092,
                        START_TIME,2020-154T14:43:34.500,
                        TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",23203,"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,\00:04:45\,FROM_PREVIOUS_START,
                        JRM_ERROR_LOG()
                ),
        command(6,
                        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                        JRM_STOP_HS_REC()
                ),
         note(1,
                        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                        TEXT,\"Ganymede"\
                ),
        end;

request(JRM_093,
                        START_TIME,2020-154T14:48:39.500,
                        TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",23078,"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,\00:04:45\,FROM_PREVIOUS_START,
                        JRM_ERROR_LOG()
                ),
        command(6,
                        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
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                            JRM_STOP_HS_REC()
                    ),
                note(1,
                        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                        TEXT,\"Ganymede"\
                    ),
      end;

request(JRM_094,
                  START_TIME,2020-154T14:53:44.500,
                  TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",22955,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
                note(1,
                        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                        TEXT,\"Ganymede"\
                    ),
      end;

request(JRM_095,
                  START_TIME,2020-154T14:58:49.500,
                  TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",22834,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
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                        ),
            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,\"Ganymede"\
                ),
        end;

request(JRM_096,
                  START_TIME,2020-154T15:03:54.500,
                  TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",22717,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
            note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
        end;

request(JRM_097,
                  START_TIME,2020-154T15:08:59.500,
                  TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",22601,"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()
            ),
```

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        command(5,
                SCHEDULED_TIME,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
            note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
 end;

request(JRM_098,
                START_TIME,2020-154T15:14:04.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",22487,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
            note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
 end;

request(JRM_099,
                START_TIME,2020-154T15:19:09.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",22376,"NO_SUMMED_SCI")
            ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
            ),
        command(4,
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                        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                        JRM_SCIENCE()
                    ),
                command(5,
                        SCHEDULED_TIME,\00:04:45\,FROM_PREVIOUS_START,
                        JRM_ERROR_LOG()
                    ),
                command(6,
                        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                        JRM_STOP_HS_REC()
                    ),
                    note(1,
                        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                        TEXT,\"Ganymede"\
                    ),
        end;

request(JRM_100,
                  START_TIME,2020-154T15:24:14.500,
                  TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",22266,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
            note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
        end;

request(JRM_101,
                  START_TIME,2020-154T15:29:19.500,
                  TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",22159,"NO_SUMMED_SCI")
            ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
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                JRM_START_HS_REC()
            ),
        command(4,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(5,
                SCHEDULED_TIME,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
             note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
 end;

request(JRM_102,
                START_TIME,2020-154T15:34:24.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",22053,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
             note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
 end;

request(JRM_103,
                START_TIME,2020-154T15:39:29.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",21949,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
           note(1,
                 SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                 TEXT,\"Ganymede"\
             ),
 end;

request(JRM_104,
                START_TIME,2020-154T15:44:34.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",21846,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
           note(1,
                 SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                 TEXT,\"Ganymede"\
             ),
 end;

request(JRM_105,
                START_TIME,2020-154T15:49:39.500,
                TITLE, "jm0271_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_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",21746,"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,\00:04:45\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
            note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Ganymede"\
            ),
 end;

request(JRM_106,
                START_TIME,2020-154T15:54:44.500,
                TITLE, "jm0271_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_I1_S1",3,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",21670,"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,\00:02:12\,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,\"Ganymede"\
            ),
 end;

request(JRM_107,
                START_TIME,2020-154T19:01:18.500,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(74,2250)
```

```
            ),
        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",0,15,500,5000,"LOW","LOW
","POINT",-57343,500,5000,"LOW","LOW","SPIN",473,"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,\"Io"\
            ),
 end;

request(JRM_108,
                START_TIME,2020-154T19:12:29.500,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(74,2250)
            ),
        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",0,17,500,5000,"LOW","LOW
","POINT",-57343,500,5000,"LOW","LOW","SPIN",772,"NO_SUMMED_SCI")
            ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
            ),
        command(4,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(5,
                SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Io"\
            ),
 end;

request(JRM_109,
                START_TIME,2020-154T19:22:39.500,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
```

```
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(74,2250)
            ),
        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",0,16,500,5000,"LOW","LOW
","POINT",-57343,500,5000,"LOW","LOW","SPIN",1072,"NO_SUMMED_SCI")
            ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
            ),
        command(4,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(5,
                SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Io"\
            ),
 end;

request(JRM_110,
                START_TIME,2020-154T19:32:49.500,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(74,2250)
            ),
        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",0,16,500,5000,"LOW","LOW
","POINT",-57343,500,5000,"LOW","LOW","SPIN",1355,"NO_SUMMED_SCI")
            ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
            ),
        command(4,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(5,
                SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Io"\
            ),
 end;

request(JRM_111,
                START_TIME,2020-154T19:42:59.500,
                TITLE, "jm0271_JRM_Science",
```

```
                        REQUESTOR, "JRMTEAM",
                        PROCESSOR, "VC2",
                        KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(74,2250)
            ),
        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",0,16,500,5000,"LOW","LOW
","POINT",-57343,500,5000,"LOW","LOW","SPIN",1630,"NO_SUMMED_SCI")
            ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
            ),
        command(4,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(5,
                SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Io"\
            ),
 end;

request(JRM_112,
                START_TIME,2020-154T19:53:09.500,
                TITLE, "jm0271_JRM_Science",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_SET_PAR(74,2250)
            ),
        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",0,15,500,5000,"LOW","LOW
","POINT",-57343,500,5000,"LOW","LOW","SPIN",1906,"NO_SUMMED_SCI")
            ),
        command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
            ),
        command(4,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_SCIENCE()
            ),
        command(5,
                SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"Io"\
            ),
 end;
```

```
request(JRM_113,
                  START_TIME,2020-154T20:03:19.500,
                  TITLE, "jm0271_JRM_Science",
                  REQUESTOR, "JRMTEAM",
                  PROCESSOR, "VC2",
                  KEY, "No_Key")
        command(1,
                  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                  JRM_SET_PAR(74,2250)
              ),
        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",0,15,500,5000,"LOW","LOW
","POINT",-57343,500,5000,"LOW","LOW","SPIN",2164,"NO_SUMMED_SCI")
              ),
        command(3,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_START_HS_REC()
              ),
        command(4,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_SCIENCE()
              ),
        command(5,
                  SCHEDULED_TIME,\00:09:51\,FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
              ),
        command(6,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
              ),
            note(1,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  TEXT,\"Io"\
              ),
 end;

request(JRM_114,
                  START_TIME,2020-154T20:13:29.500,
                  TITLE, "jm0271_JRM_Science",
                  REQUESTOR, "JRMTEAM",
                  PROCESSOR, "VC2",
                  KEY, "No_Key")
        command(1,
                  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                  JRM_SET_PAR(74,2250)
              ),
        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",0,14,500,5000,"LOW","LOW
","POINT",-57343,500,5000,"LOW","LOW","SPIN",2424,"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,\00:06:17\,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_115,
                START_TIME,2020-154T20:19:58.500,
                TITLE, "jm0271_JRM_Calibration",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
        command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                JRM_CAL_PAR(8,14,8,14,30,700,30,700,30,700,30,700,30,700,200,200,153,153)
            ),
        command(2,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_GET_PAR(6000)
            ),
        command(3,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_START_HS_REC()
            ),
        command(4,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_CALIBRATION("CAL_I1_S1","IDIS_SDIS","DISABLE",1,"LAMP_1")
            ),
        command(5,
                SCHEDULED_TIME,\00:04:00\,FROM_PREVIOUS_START,
                JRM_STOP_HS_REC()
            ),
        command(6,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                JRM_ERROR_LOG()
            ),
         note(1,
                SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                TEXT,\"NaN"\
            ),
 end;

request(JRM_116,
                START_TIME,2020-154T20:24:18.500,
                TITLE, "jm0271_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_117,
                START_TIME,2020-154T20:24:34.500,
                TITLE, "jm0271_JRM_Heater_Op",
                REQUESTOR, "JRMTEAM",
                PROCESSOR, "VC2",
                KEY, "No_Key")
    command(1,
                SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                THRM_SET_PT_SEL("JIRAM_OH","NON_OPERATIONAL")
        ),
    command(2,
                SCHEDULED_TIME,\00:00:01\,FROM_PREVIOUS_START,
                THRM_SET_PT_SEL("JIRAM_DECON","NON_OPERATIONAL")
        ),
    command(3,
                SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                THRM_SET_PT_SEL("JIRAM_ELECT_BP","NON_OPERATIONAL")
        ),
```

```
end;

$$EOF
```