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# **Juno JIRAM**

## **Report JM0051**

Version 1.0


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## 1 INTRODUCTION

This document describes the activities that JIRAM performed during the activity period JM0051 (PJ5), with particular attention to the comparison with the expected data and that achieved, keeping track of the configuration of the instrument with commanding file (SASF).

## 2 REFERENCES

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

## 3 ACTIVITY DESCRIPTION

During PJ5 pass, JIRAM could have a partial coverage of both Northern and Southern Poles of Jupiter. Coverage is given in the figures 1 & 2. Image filter L is for auroras and imager filter M is for mapping the atmospheric thermal emission. Note that in correspondance of each imager's pictures there is a spectral observation. Details about imager/spectrometer coupling and, more in general, about the instrument and its performances can be found in Adriani et al., 2014 and 2016. Finally, observations of the Jupiter's moon IO have also been done (not reported in the figures). Midlatitude observations coverage is mosly limited to the Northern hemisphere within longitudes 20W-170W al latitudes 0-55N (Figure 3).

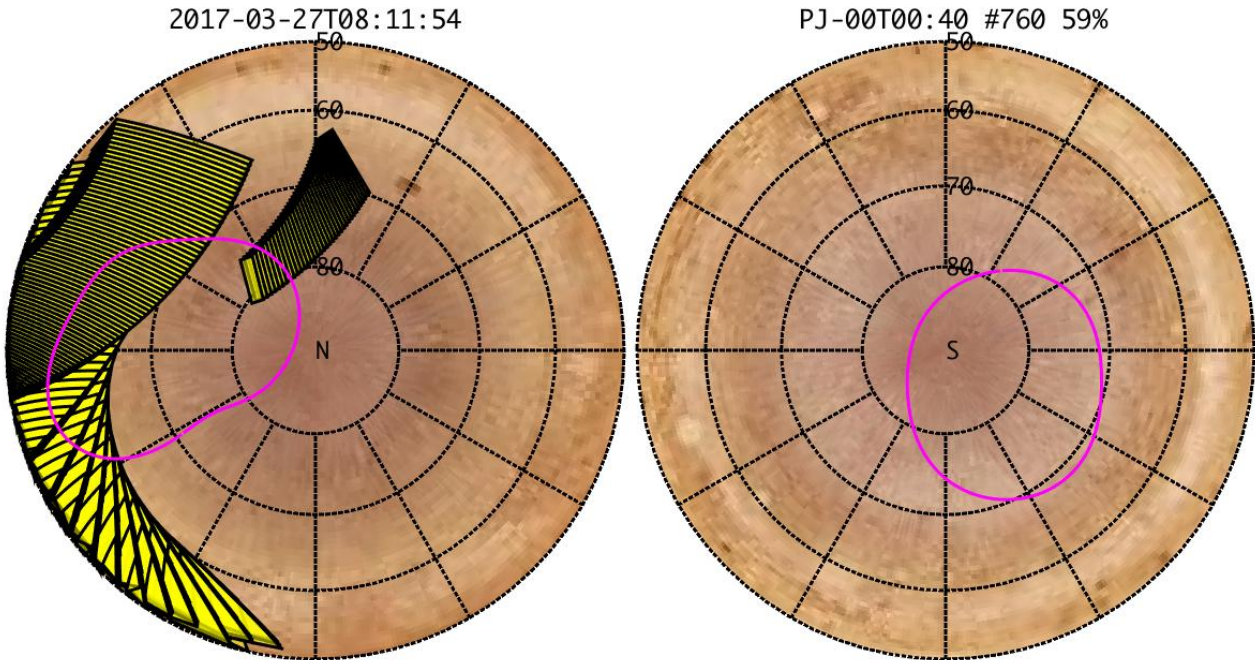


Figure 1: Poles Coverage - Imager filter L.

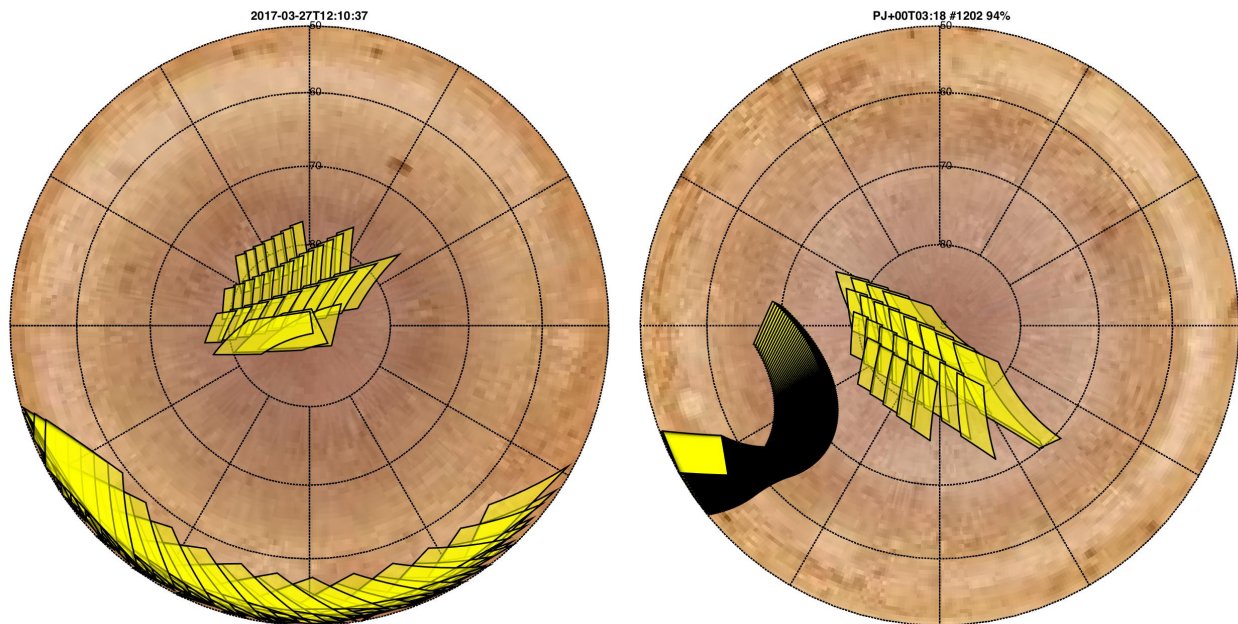


Figure 2: Poles Coverage - Imager filter M.

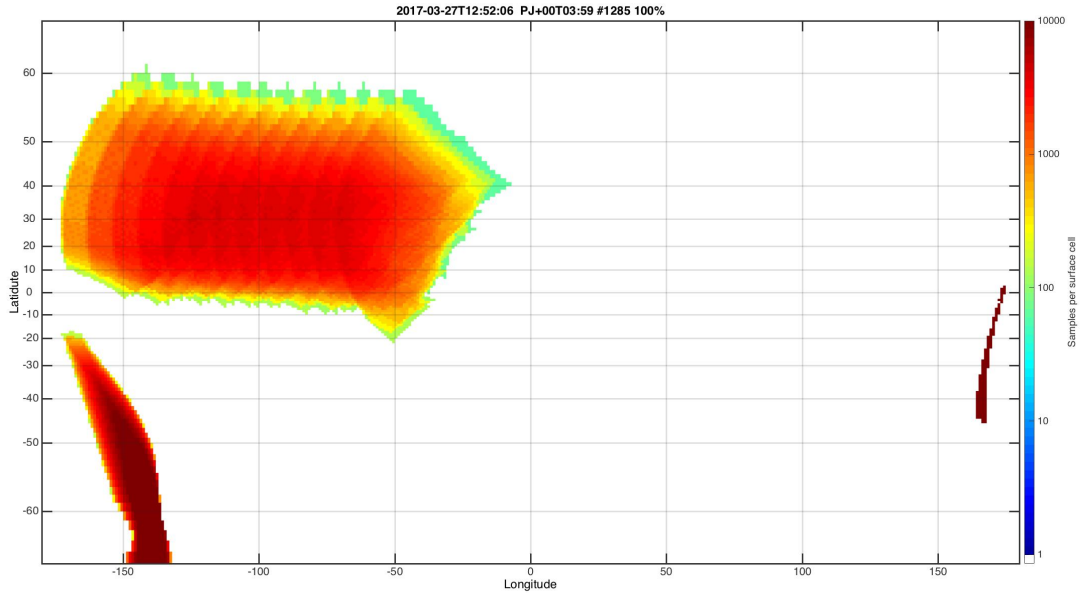


Figure 3. Atmospheric Mapping: Hot Spots -- Imager filter M.

## 4 RADIATIONS ACQUISITION

Radiation sequences collected in locations of low particle flux on approach to the planet were utilized 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 synchrotron emission region, and the southern polar region.

## 5 SCIENTIFIC GOALS

Below is a table that describes for each science block in the commanding file the relative operative mode and the scientific objectives. The files relating to the various science blocks are shown in the file “JIR\_STATUS\_EDR\_2017085T135956\_V01.CSV” in the INDEX directory.

JRM (sarf)	Operative Mode	Goals
JRM 004	CAL I1 S1	CALIBRATION
From JRM_005 to JRM 017	SCI I1 S0	RADIATION
JRM 018	SCI I2 S1	ATMOSPHERE MAPPING
JRM 019	SCI I2 S1	ATMOSPHERE MAPPING
JRM 020	SCI I2 S1	ATMOSPHERE MAPPING

JRM 021	SCI 12 S1	ATMOSPHERE MAPPING
JRM 022	SCI 12 S1	ATMOSPHERE MAPPING
JRM 023	SCI 12 S1	ATMOSPHERE MAPPING
JRM 024	SCI 12 S1	ATMOSPHERE MAPPING
JRM 025	SCI 12 S1	ATMOSPHERE MAPPING
JRM 026	SCI 12 S1	ATMOSPHERE MAPPING
JRM 027	SCI 12 S1	ATMOSPHERE MAPPING
JRM 028	SCI 12 S1	ATMOSPHERE MAPPING
JRM 029	SCI 12 S1	ATMOSPHERE MAPPING
JRM 030	SCI 13 S1	NORTH AURORA
JRM 031	SCI 13 S1	NORTH AURORA
JRM 032	SCI 13 S1	NORTH AURORA
JRM 033	SCI 13 S1	NORTH AURORA
JRM 034	SCI 13 S1	NORTH AURORA
JRM 035	SCI 13 S1	NORTH AURORA
JRM 036	SCI 13 S1	NORTH AURORA
JRM 037	SCI 13 S1	NORTH AURORA
JRM 038	SCI 13 S1	NORTH AURORA
JRM 039	SCI 13 S1	NORTH AURORA
JRM 040	SCI 13 S1	NORTH AURORA
JRM 041	SCI 12 S1	NORTH AURORA
JRM 042	SCI 12 S1	NORTH AURORA
JRM 043	SCI 12 S1	NORTH POLE
JRM 044	SCI 12 S1	NORTH POLE
JRM 045	SCI 13 S1	NORTH POLE
JRM 046	SCI 12 S1	NORTH POLE
From JRM 048 to JRM 050	SCI_I1_S0	RADIATION
JRM 051	SCI 12 S1	SOUTH POLE
JRM 052	SCI 12 S1	SOUTH POLE
JRM 053	SCI 12 S1	SOUTH POLE
JRM 054	SCI 12 S1	SOUTH POLE
JRM_055	SCI_12_S1	SOUTH POLE
From JRM_057 to JRM 058	SCI_I1_S0	RADIATION
JRM 059	SCI 12 S1	SOUTH POLE
JRM_060	SCI 12 S1	IO
JRM_061	SCI 12 S1	IO
JRM_062	SCI 12 S1	IO
JRM_063	SCI 12 S1	IO
JRM_064	SCI 12 S1	IO
JRM_065	SCI 12 S1	IO
JRM_066	SCI 12 S1	IO
JRM_067	SCI 12 S1	IO
JRM_068	SCI 12 S1	IO
JRM_069	SCI 12 S1	IO
JRM_070	SCI 12 S1	IO
JRM_071	SCI 12 S1	IO
JRM_072	SCI_I1_S0	RADIATION
JRM_073	CAL_I1_S1	CALIBRATION

Table 1: Scientific Goals

## 6 DATA COLLECTION OVERWIER

Below a table that give an overwier of the data collected during the activity period JM0051. The table describes, for each science block in the commanding file, the programmed operative modes, with the real collected data.

JRM (saf)	Operative Mode	Observations	Packets Retrived	Packets Exepected	Missing Observations SPE	Missing Observations IMG
JRM_004	CAL_I1_S1	6 IMG, 6 SPE	72	72	0	0
From JRM_005 to JRM_017	SCI_I1_S0	30 IMG	180	180	N/A	0
JRM_018	SCI_I2_S1	30 IMG, 30 SPE	270	270	0	0
JRM_019	SCI_I2_S1	26 IMG, 26 SPE	234	234	0	0
JRM_020	SCI_I2_S1	26 IMG, 26 SPE	234	234	0	0
JRM_021	SCI_I2_S1	26 IMG, 26 SPE	234	234	0	0
JRM_022	SCI_I2_S1	26 IMG, 26 SPE	234	234	0	0
JRM_023	SCI_I2_S1	26 IMG, 26 SPE	234	234	0	0
JRM_024	SCI_I2_S1	26 IMG, 26 SPE	234	234	0	0
JRM_025	SCI_I2_S1	26 IMG, 26 SPE	234	234	0	0
JRM_026	SCI_I2_S1	26 IMG, 26 SPE	234	234	0	0
JRM_027	SCI_I2_S1	26 IMG, 26 SPE	270	270	0	0
JRM_028	SCI_I2_S1	26 IMG, 26 SPE	180	180	0	0
JRM_029	SCI_I2_S1	26 IMG, 26 SPE	270	270	0	0
JRM_030	SCI_I3_S1	14 IMG, 14 SPE	126	126	0	0
JRM_031	SCI_I3_S1	17 IMG, 17 SPE	153	153	0	0
JRM_032	SCI_I3_S1	18 IMG, 18 SPE	162	162	0	0
JRM_033	SCI_I3_S1	20 IMG, 20 SPE	180	180	0	0





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JRM_034	SCI_I3_S1	20 IMG, 20 SPE	180	180	0	0
JRM_035	SCI_I3_S1	22 IMG, 22 SPE	198	198	0	0
JRM_036	SCI_I3_S1	22 IMG, 22 SPE	198	198	0	0
JRM_037	SCI_I3_S1	25 IMG, 25 SPE	225	225	0	0
JRM_038	SCI_I3_S1	26 IMG, 26 SPE	234	234	0	0
JRM_039	SCI_I3_S1	31 IMG, 31 SPE	279	279	0	0
JRM_040	SCI_I3_S1	39 IMG, 39 SPE	351	351	0	0
JRM_041	SCI_I2_S1	71 IMG, 71 SPE	639	639	0	0
JRM_042	SCI_I3_S1	36 IMG, 36 SPE	324	324	0	0
JRM_043	SCI_I2_S1	6 IMG, 6 SPE	54	54	0	0
JRM_044	SCI_I2_S1	13 IMG, 13 SPE	117	117	0	0
JRM_045	SCI_I3_S1	10 IMG, 10 SPE	90	90	0	0
JRM_046	SCI_I2_S1	3 IMG, 3 SPE	27	27	0	0
From JRM_048 to JRM_050	SCI_I1_S0	13 IMG, 13 SPE	117	117	N/A	0
JRM_051	SCI_I2_S1	43 IMG, 43 SPE	387	387	0	0
JRM_052	SCI_I2_S1	4 IMG, 4 SPE	36	36	0	0
JRM_053	SCI_I2_S1	8 IMG, 8 SPE	72	72	0	0
JRM_054	SCI_I2_S1	8 IMG, 8 SPE	72	72	0	0
JRM_055	SCI_I2_S1	5 IMG, 5 SPE	45	45	0	0
From JRM_057 to JRM_058	SCI_I1_S0	6 IMG	54	54	N/A	0
JRM_059	SCI_I2_S1	107 IMG, 107 SPE	963	963	0	0
JRM_060	SCI_I2_S1	17 IMG, 17 SPE	153	153	0	0
JRM_061	SCI_I2_S1	17 IMG, 17 SPE	153	153	0	0
JRM_062	SCI_I2_S1	17 IMG, 17 SPE	153	153	0	0
JRM_063	SCI_I2_S1	17 IMG, 17 SPE	153	153	0	0
JRM_064	SCI_I2_S1	17 IMG, 17 SPE	153	153	0	0
JRM_065	SCI_I2_S1	17 IMG, 17 SPE	153	153	0	0

JRM_066	SCI_I2_S1	17 IMG, 17 SPE	153	153	0	0
JRM_067	SCI_I2_S1	17 IMG, 17 SPE	153	153	0	0
JRM_068	SCI_I2_S1	17 IMG, 17 SPE	153	153	0	0
JRM_069	SCI_I2_S1	17 IMG, 17 SPE	153	153	0	0
JRM_070	SCI_I2_S1	17 IMG, 17 SPE	153	153	0	0
JRM_071	SCI_I2_S1	17 IMG, 17 SPE	153	153	0	0
JRM_072	SCI_I1_S0	3 IMG	18	18	N/A	0
JRM_073	CAL_I1_S1	6 IMG, 6 SPE	72	72	0	0

*Table 2: Data Overwier*

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## A.1 Commanding file (sasf)

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```

CCSD3ZF0000100000001NJPL3KS0L015$$MARK$$;
MISSION_NAME = JUNO;
SPACECRAFT_NAME = JUNO;
DATA_SET_ID = SPACECRAFT_ACTIVITY_SEQUENCE_JRM;
FILE_NAME = jm0051_JRMa.sasf;
APPLICABLE_START_TIME = 2017-085T08:00:00.000;
APPLICABLE_STOP_TIME = 2017-117T00:00:00.000;
PRODUCT_CREATION_TIME = 2017-060T15:21:21.000;
PRODUCER_ID = JRMTEAM;
SEQ_ID = jm0051_JRMa;
HOST_ID = JRM_CMD_051_051_V02.jrm;
CCSD3RE00000$$MARK$$NJPL3IF0M01300000001;
$$JNO      SPACECRAFT ACTIVITY SEQUENCE FILE
*****
*PROJECT      JNO
*SPACECRAFT   61
*OPERATOR     JRMTEAM
*FILE_CMPLT   TRUE
*DATE         Wed Mar 01 15:21:21 2017
*BEGIN        2017-085T08:00:00.000
*CUTOFF       2017-117T00:00:00.000
*TITLE        jm0051_JRMa
*EPOCHS_DEF
*jm0051_JRM,  2017-085T08:00:00.000
*EPOCHS_END
*Input files used:
*File Type   Last modified           File name
*PACKETS_NUMBER 10224
*****
$$EOH
$$EOD
request(JRM_Sequence_Management_Request,
        START_TIME,2017-085T08:00:00.000,
        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","jm0051_JRM","jm0051_JRM.abs","d:/seq")
         ),
        command(2,
                SCHEDULED_TIME,\00:00:30\,FROM_PREVIOUS_START,
                FILE_DELETE("d:/seq/jm0051_JRM.abs")
                ),
        command(3,
                SCHEDULED_TIME,\031T15:59:58\,FROM_REQUEST_START,
                VM_LOAD(20,"d:/seq/jm0052_JRM.abs")
                ),
        ),
end;

request(JRM_001,
        START_TIME,2017-085T08:35:04.000,
        TITLE, "jm0051_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")

```



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

request(JRM_002,
    START_TIME,2017-085T13:56:04.000,
    TITLE, "jm0051_JRM-POWER_ON",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    spawn(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        REQ_ENGINE_ID,21,RT_on_board_block(jiram_pwr_on)
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"NaN\"
    ),
end;

request(JRM_003,
    START_TIME,2017-085T13:58:47.000,
    TITLE, "jm0051_JRM_StandBy",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(111,10)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STANDBY("ON","ON","ON")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S3",120,1,10,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,956,2,150,"LOW","LOW",
",POINT",-57343,2,150,"LOW","LOW","SPIN",0,"NO_SUMMED_SCI")
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"NaN\"
    ),
end;

request(JRM_004,
    START_TIME,2017-085T13:58:59.000,
    TITLE, "jm0051_JRM_Calibration",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_CAL_PAR(8,14,8,14,30,700,30,700,30,700,30,700,200,200,153,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
```



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```
JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_CALIBRATION("CAL_I1_S1","IDIS_SDIS","DISABLE",1,"LAMP_1")
),
command(5,
  SCHEDULED_TIME,\00:04:00\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
command(6,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"NaN\"
),
end;

request(JRM_005,
  START_TIME,2017-085T14:08:15.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")

command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(92,153)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
  ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(5,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(6,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
  ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(8,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(9,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
  ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(11,
```



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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_05_001_Approach_2017-085T14:08:15.000\"
    ),
end;

request(JRM_006,
    START_TIME,2017-085T14:28:15.000,
    TITLE, \"jm0051_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
    ),
    command(7,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
),
```

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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_05_002_Approach_2017-085T14:28:15.000\"
),
end;

request(JRM_007,
    START_TIME,2017-085T14:32:29.000,
    TITLE, "jm0051_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_008,
    START_TIME,2017-085T19:55:20.000,
    TITLE, "jm0051_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_009,
    START_TIME,2017-085T19:58:03.000,
    TITLE, "jm0051_JRM_StandBy",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(111,10)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_STANDBY("ON","ON","ON")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S3",120,1,10,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,956,2,150,"LOW","LOW",
"POINT",-57343,2,150,"LOW","LOW","SPIN",0,"NO_SUMMED_SCI")

```




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

request(JRM_010,
  START_TIME,2017-085T19:58:15.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
  command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
  ),
  command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
  ),
  command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
  ),
  command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
  ),
  command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
  ),
  command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
  ),
  command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
  ),
  command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
  ),
  command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
  ),
  command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
  ),
  command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
  ),
  command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
  ),
  command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
  ),
  command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
```



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```

JRM_ERROR_LOG()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Radiation_Sequence_05_003_Approach_2017-085T19:58:15.000\"
),
end;

request(JRM_011,
START_TIME,2017-085T20:58:15.000,
TITLE, \"jm0051_JRM_Science\",
REQUESTOR, \"JRMTEAM\",
PROCESSOR, \"VC2\",
KEY, \"No_Key\")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(92,153)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(3,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(4,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(5,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(6,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(7,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(8,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(9,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(10,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(11,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(12,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
command(13,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SET_PAR(92,8174)
),
command(14,


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```
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Radiation_Sequence_05_004_Approach_2017-085T20:58:15.000\"
),
end;
request(JRM_012,
START_TIME,2017-085T21:58:15.000,
TITLE,\"jm0051_JRM_Science\",
REQUESTOR,\"JRMTEAM\",
PROCESSOR,\"VC2\",
KEY,\"No_Key\")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(92,153)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(3,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(4,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(5,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(6,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(7,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(8,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(9,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(10,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(11,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(12,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
command(13,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SET_PAR(92,8174)
),
```

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command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_05_005_Approach_2017-085T21:58:15.000\"
),
end;

request(JRM_013,
    START_TIME,2017-085T22:58:15.000,
    TITLE,\"jm0051_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key")


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

JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)

```

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```

),
command(14,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"Radiation_Sequence_05_006_Approach_2017-085T22:58:15.000\"
),
end;

request(JRM_014,
  START_TIME,2017-085T23:38:15.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(92,153)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(5,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(6,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(8,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(9,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(11,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(12,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
command(13,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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```
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_05_007_ApproachSRUangle_2017-085T23:38:15.000\"
),
end;

request(JRM_015,
  START_TIME,2017-085T23:58:15.000,
  TITLE,\"jm0051_JRM_Science\",
  REQUESTOR,\"JRMTEAM\",
  PROCESSOR,\"VC2\",
  KEY,\"No_Key\")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(92,153)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
  28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(5,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(6,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
  JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
  28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(7,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(8,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(9,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
  JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
  28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(10,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(11,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(12,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
command(13,
```



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```
        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_05_008_ApproachSRUangle_2017-085T23:58:15.000\"
    ),
end;

request(JRM_016,
    START_TIME,2017-086T00:18:15.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(7,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
```

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```

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_05_009_ApproachSRUangle_2017-086T00:18:15.000\"
),
end;

request(JRM_017,
    START_TIME,2017-086T00:58:15.000,
    TITLE,\"jm0051_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S0\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
)

```

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```


),
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_05_010_Approach_2017-086T00:58:15.000\"
),
end;

request(JRM_018,
  START_TIME,2017-086T01:51:42.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2470)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I2_S1",30,1,30,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,70,60,5000,"LOW","LOW",
  ,"POINT",-57343,60,5000,"LOW","LOW","SPIN",-1011,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:15:39\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"Atm. Map\"
),
end;

request(JRM_019,
  START_TIME,2017-086T02:08:42.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2470)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I2_S1",26,1,26,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,84,60,5000,"LOW","LOW",
  ,"POINT",-57343,60,5000,"LOW","LOW","SPIN",-1038,"NO_SUMMED_SCI")
),
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_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:13:39\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Atm. Map\"
),
end;

request(JRM_020,
    START_TIME,2017-086T02:23:42.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2470)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I2_S1",26,1,26,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,86,60,5000,"LOW","LOW",
    ,"POINT",-57343,60,5000,"LOW","LOW","SPIN",-1067,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:13:39\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Atm. Map\"
),
end;

request(JRM_021,
    START_TIME,2017-086T02:38:42.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2470)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I2_S1",26,1,26,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,88,60,5000,"LOW","LOW",
    ,"POINT",-57343,60,5000,"LOW","LOW","SPIN",-1097,"NO_SUMMED_SCI")
),
command(3,

```

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```

        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:13:39\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Atm. Map\"
    ),
end;

request(JRM_022,
    START_TIME,2017-086T02:53:42.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2470)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",26,1,26,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,90,60,5000,"LOW","LOW",
        "POINT",-57343,60,5000,"LOW","LOW","SPIN",-1130,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:13:39\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Atm. Map\"
    ),
end;

request(JRM_023,
    START_TIME,2017-086T03:08:42.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2470)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",26,1,26,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,93,60,5000,"LOW","LOW

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```
" , "POINT", -57343, 60, 5000, "LOW", "LOW", "SPIN", -1166, "NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME, \00:13:39\, FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    TEXT, \ "Atm. Map" \
),
end;

request(JRM_024,
    START_TIME, 2017-086T03:23:42.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

command(1,
    SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
    JRM_SET_PAR(74, 2470)
),
command(2,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I2_S1", 26, 1, 26, "IDIS_SDIS", "HSSL", "ENABLE", "DARK", "DISABLE", 0, 96, 60, 5000, "LOW", "LOW",
    "POINT", -57343, 60, 5000, "LOW", "LOW", "SPIN", -1204, "NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME, \00:13:39\, FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    TEXT, \ "Atm. Map" \
),
end;

request(JRM_025,
    START_TIME, 2017-086T03:38:42.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

command(1,
    SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
    JRM_SET_PAR(74, 2470)
),
command(2,
```

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```

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


JRM_SCI_PAR("SCI_I2_S1",26,1,26,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,100,60,5000,"LOW","LOW",
"POINT",-57343,60,5000,"LOW","LOW","SPIN",-1246,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(4,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(5,
SCHEDULED_TIME,\00:13:39\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
command(6,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Atm. Map\"
),
end;

request(JRM_026,
START_TIME,2017-086T03:53:42.000,
TITLE, "jm0051_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2470)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",26,1,26,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,103,60,5000,"LOW","LOW",
"POINT",-57343,60,5000,"LOW","LOW","SPIN",-1291,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(4,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(5,
SCHEDULED_TIME,\00:13:39\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
command(6,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Atm. Map\"
),
end;

request(JRM_027,
START_TIME,2017-086T04:08:42.000,
TITLE, "jm0051_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,

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```

        JRM_SET_PAR(74,2470)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",26,1,26,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,107,60,5000,"LOW","LOW",
"POINT",-57343,60,5000,"LOW","LOW","SPIN",-1340,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:13:39\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Atm. Map\"
    ),
end;

request(JRM_028,
    START_TIME,2017-086T04:23:42.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2470)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",26,1,26,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,111,60,5000,"LOW","LOW",
"POINT",-57343,60,5000,"LOW","LOW","SPIN",-1395,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:13:39\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Atm. Map\"
    ),
end;

request(JRM_029,
    START_TIME,2017-086T04:38:41.000,
    TITLE, "jm0051_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(74,2470)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",26,1,26,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,116,60,5000,"LOW","LOW",
        "POINT",-57343,60,5000,"LOW","LOW","SPIN",-1455,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:13:39\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Atm. Map\"
    ),
end;

request(JRM_030,
    START_TIME,2017-086T04:53:11.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I3_S1",14,1,14,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,142,5000,5000,"LOW",
        "LOW", "POINT",-57343,5000,5000,"LOW","LOW","SPIN",0,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:07:39\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"N. Aurora\"
    ),
end;

request(JRM_031,
    START_TIME,2017-086T05:01:41.000,
```

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```


TITLE, "jm0051_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,0)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I3_S1",17,1,17,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,115,5000,5000,"LOW","
LOW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",157,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:09:09\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\ "N. Aurora" \
),
end;

request(JRM_032,
  START_TIME,2017-086T05:11:41.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,0)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I3_S1",18,1,18,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,115,5000,5000,"LOW","
LOW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",162,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:09:39\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\ "N. Aurora" \
),
end;

```

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```

request (JRM_033,
        START_TIME,2017-086T05:22:11.000,
        TITLE, "jm0051_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
        ),
command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,


JRM_SCI_PAR("SCI_I3_S1",20,1,20,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,114,5000,5000,"LOW","
LOW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",168,"NO_SUMMED_SCI")
        ),
command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
        ),
command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
        ),
command(5,
        SCHEDULED_TIME,\00:10:39\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
        ),
command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
        ),
        note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\ "N. Aurora" \
        ),
end;

request (JRM_034,
        START_TIME,2017-086T05:33:41.000,
        TITLE, "jm0051_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
        ),
command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I3_S1",20,1,20,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,114,5000,5000,"LOW","
LOW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",351,"NO_SUMMED_SCI")
        ),
command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
        ),
command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
        ),
command(5,
        SCHEDULED_TIME,\00:10:39\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
        ),
command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
        ),
        note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

```



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```

        TEXT,\ "N. Aurora" \
    ),
end;

request (JRM_035,
        START_TIME,2017-086T05:45:11.000,
        TITLE, "jm0051_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I3_S1",22,1,22,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,113,5000,5000,"LOW","
LOW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",368,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:11:39\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\ "N. Aurora" \
    ),
end;

request (JRM_036,
        START_TIME,2017-086T05:57:41.000,
        TITLE, "jm0051_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I3_S1",22,1,22,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,112,5000,5000,"LOW","
LOW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",581,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:11:39\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    )

```



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```
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"N. Aurora\"
),
end;

request(JRM_037,
  START_TIME,2017-086T06:10:11.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,0)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I3_S1",25,1,25,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,111,5000,5000,"LOW","
LOW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",615,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:13:09\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"N. Aurora\"
),
end;

request(JRM_038,
  START_TIME,2017-086T06:24:10.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,0)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I3_S1",26,1,26,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,110,5000,5000,"LOW","
LOW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",878,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:13:39\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
```



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```
command(6,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"N. Aurora\"
),
end;

request(JRM_039,
    START_TIME,2017-086T06:38:40.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I3_S1",31,1,31,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,108,5000,5000,"LOW","LOW",
    "POINT",-57343,5000,5000,"LOW","LOW","SPIN",950,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:16:09\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"N. Aurora\"
),
end;

request(JRM_040,
    START_TIME,2017-086T06:55:40.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I3_S1",39,1,39,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,105,5000,5000,"LOW","LOW",
    "POINT",-57343,5000,5000,"LOW","LOW","SPIN",1054,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
```



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```
        SCHEDULED_TIME,\00:20:10\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"N. Aurora\"
    ),
end;

request(JRM_041,
    START_TIME,2017-086T07:16:39.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I3_S1",71,1,36,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,92,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",921,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:36:10\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"N. Aurora\"
    ),
end;

request(JRM_042,
    START_TIME,2017-086T07:53:38.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I3_S1",36,1,36,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,26,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2219,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
```

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```

        JRM_SCIENCE ()
    ),
    command(5,
        SCHEDULED_TIME,\00:18:39\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG ()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC ()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"N. Aurora\"
    ),
end;

request (JRM_043,
    START_TIME,2017-086T08:13:06.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2470)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",6,1,6,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,243,60,5000,"LOW","LOW",
        ,"POINT",-57343,60,5000,"LOW","LOW","SPIN",-3469,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC ()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE ()
    ),
    command(5,
        SCHEDULED_TIME,\00:03:39\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG ()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC ()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"N. Pole\"
    ),
end;

request (JRM_044,
    START_TIME,2017-086T08:17:36.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2470)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",13,1,13,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,81,60,5000,"LOW","LOW",
        ,"POINT",-57343,60,5000,"LOW","LOW","SPIN",-7828,"NO_SUMMED_SCI")
    ),
    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_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:07:09\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"N. Pole\"
),
end;

request(JRM_045,
  START_TIME,2017-086T08:25:35.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2470)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I2_S1",10,1,10,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,60,5000,"LOW","LOW",
  ,"POINT",-57343,60,5000,"LOW","LOW","SPIN",-12369,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:05:38\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"N. Pole\"
),
end;

request(JRM_046,
  START_TIME,2017-086T08:32:04.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2470)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I2_S1",3,1,3,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,60,5000,"LOW","LOW",
  "POINT",-57343,60,5000,"LOW","LOW","SPIN",-15060,"NO_SUMMED_SCI")
),

```




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```
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:02:08\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"N. Pole\"
),
end;

request(JRM_047,
    START_TIME,2017-086T08:35:59.000,
    TITLE, "jm0051_JRM_Science",
    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,\"\"
),
end;

request(JRM_048,
    START_TIME,2017-086T08:37:30.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
```

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```

        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_05_011_InnerEdgeNLobe_2017-086T08:37:30.000\"
    ),
end;

request(JRM_049,
    START_TIME,2017-086T08:42:33.000,
    TITLE,"jm0051_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),

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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_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_05_012_ProfileSyncRegion_2017-086T08:42:33.000\"
),
end;

request(JRM_050,
    START_TIME,2017-086T08:46:48.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
)

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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_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_05_013_ProfileSyncRegion_2017-086T08:46:48.000\"
),
end;

request(JRM_051,
    START_TIME,2017-086T08:53:30.000,
    TITLE,"jm0051_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")

command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2490)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I2_S1",43,1,43,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,25,5000,"LOW","LOW",
    ,"POINT",-57343,25,5000,"LOW","LOW","SPIN",0,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:22:08\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
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note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"S. Pole\"
),
end;

request(JRM_052,
  START_TIME,2017-086T09:16:26.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2470)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I2_S1",4,1,4,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,60,5000,"LOW","LOW","
POINT",-57343,60,5000,"LOW","LOW","SPIN",13183,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:02:38\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"S. Pole\"
),
end;

request(JRM_053,
  START_TIME,2017-086T09:19:55.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2470)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I2_S1",8,1,8,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,79,60,5000,"LOW","LOW",
"POINT",-57343,60,5000,"LOW","LOW","SPIN",11240,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:04:39\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,

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

request(JRM_054,
    START_TIME,2017-086T09:25:25.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2470)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",8,1,8,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,226,60,5000,"LOW","LOW"
,"POINT",-57343,60,5000,"LOW","LOW","SPIN",8162,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:04:39\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"S. Pole\"
    ),
end;

request(JRM_055,
    START_TIME,2017-086T09:30:54.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2470)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",5,1,5,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,305,60,5000,"LOW","LOW"
,"POINT",-57343,60,5000,"LOW","LOW","SPIN",6057,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:03:09\,FROM_PREVIOUS_START,

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```
JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"S. Pole\"
),
end;

request(JRM_056,
  START_TIME,2017-086T09:38:32.000,
  TITLE, "jm0051_JRM_Science",
  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,\"\"
),
end;

request(JRM_057,
  START_TIME,2017-086T09:42:45.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(92,153)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
  28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(5,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(6,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
  28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_GET_PAR(6000)
),
command(8,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(9,
  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
```



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```
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_05_014_PolarRegion_2017-086T09:42:45.000\"
),
end;

request(JRM_058,
    START_TIME,2017-086T09:52:57.000,
    TITLE,"jm0051_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")

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

JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
```

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JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(11,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(12,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
command(13,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SET_PAR(92,8174)
),
command(14,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Radiation_Sequence_05_015_PolarRegion_2017-086T09:52:57.000\"
),
end;

request(JRM_059,
START_TIME,2017-086T09:58:24.000,
TITLE,"jm0051_JRM_Science",
REQUESTOR,"JRMTEAM",
PROCESSOR,"VC2",
KEY,"No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2490)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",107,1,39,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,25,5000,"LOW","LOW"
,"POINT",-57343,25,5000,"LOW","LOW","SPIN",0,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(4,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(5,
SCHEDULED_TIME,\00:54:08\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
command(6,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"S. Pole\"
),
end;

request(JRM_060,
START_TIME,2017-086T10:53:21.000,
TITLE,"jm0051_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(74,0)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",17,1,17,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,65,5000,5000,"LOW","LOW",
        "POINT",-57343,5000,5000,"LOW","LOW","SPIN",-14968,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:09:09\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io\"
    ),
end;

request(JRM_061,
    START_TIME,2017-086T11:03:21.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I2_S1",17,1,17,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,59,5000,5000,"LOW","LOW",
        "POINT",-57343,5000,5000,"LOW","LOW","SPIN",-14037,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:09:09\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io\"
    ),
end;

request(JRM_062,
    START_TIME,2017-086T11:13:20.000,
```




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```

TITLE, "jm0051_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,0)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I2_S1",17,1,17,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,55,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-13207,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:09:09\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,"\Io"
),
end;

request(JRM_063,
  START_TIME,2017-086T11:23:20.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,0)
),
command(2,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCI_PAR("SCI_I2_S1",17,1,17,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,50,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-12461,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:09:09\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,"\Io"
),
end;

```

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```


request (JRM_064,
    START_TIME,2017-086T11:33:20.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",17,1,17,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,46,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-11786,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:09\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,"Io"
    ),
end;

request (JRM_065,
    START_TIME,2017-086T11:43:20.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",17,1,17,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,44,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-11169,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:09\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

```

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```

        TEXT, "Io"
    ),
end;

request (JRM_066,
        START_TIME, 2017-086T11:53:20.000,
        TITLE, "jm0051_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
        SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    command(2,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1", 17, 1, 17, "IDIS_SDIS", "HSSL", "ENABLE", "DARK", "DISABLE", 0, 42, 5000, 5000, "LOW", "LOW", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -10604, "NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME, \00:09:09\, FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        TEXT, "Io"
    ),
end;

request (JRM_067,
        START_TIME, 2017-086T12:03:20.000,
        TITLE, "jm0051_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
        SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    command(2,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1", 17, 1, 17, "IDIS_SDIS", "HSSL", "ENABLE", "DARK", "DISABLE", 0, 39, 5000, 5000, "LOW", "LOW", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -10082, "NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME, \00:09:09\, FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    )

```



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

request(JRM_068,
  START_TIME,2017-086T12:13:20.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
  command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
  ),
  command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",17,1,17,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,37,5000,5000,"LOW","LOW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-9597,"NO_SUMMED_SCI")
  ),
  command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
  ),
  command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
  ),
  command(5,
    SCHEDULED_TIME,\00:09:09\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
  ),
  command(6,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
  ),
  note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Io\"
  ),
end;

request(JRM_069,
  START_TIME,2017-086T12:23:20.000,
  TITLE, "jm0051_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
  command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
  ),
  command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I2_S1",17,1,17,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,36,5000,5000,"LOW","LOW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-9146,"NO_SUMMED_SCI")
  ),
  command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
  ),
  command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
  ),
  command(5,
    SCHEDULED_TIME,\00:09:09\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
  ),
),
```



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

request(JRM_070,
    START_TIME,2017-086T12:33:19.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I2_S1",17,1,17,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,33,5000,5000,"LOW","LOW",
    "POINT",-57343,5000,5000,"LOW","LOW","SPIN",-8723,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:09:09\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Io\"
),
end;

request(JRM_071,
    START_TIME,2017-086T12:43:19.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I2_S1",17,1,17,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,32,5000,5000,"LOW","LOW",
    "POINT",-57343,5000,5000,"LOW","LOW","SPIN",-8325,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
```



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

request(JRM_072,
    START_TIME,2017-086T13:08:15.000,
    TITLE, "jm0051_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(7,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
```

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```


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_05_016_OutboundFromPJ_2017-086T13:08:15.000\"
),
end;

request(JRM_073,
    START_TIME,2017-086T13:12:35.000,
    TITLE, "jm0051_JRM_Calibration",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_CAL_PAR(8,14,8,14,30,700,30,700,30,700,30,700,200,200,153,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    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_074,
    START_TIME,2017-086T13:16:55.000,
    TITLE, "jm0051_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_075,
    START_TIME,2017-086T13:17:11.000,
    TITLE, "jm0051_JRM_Heater_Op",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,

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```

SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
THRM_SET_PT_SEL("JIRAM_OH","NON_OPERATIONAL")
),
command(2,
SCHEDULED_TIME,\00:00:01\,FROM_PREVIOUS_START,
THRM_SET_PT_SEL("JIRAM_DECON","NON_OPERATIONAL")
),
command(3,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
THRM_SET_PT_SEL("JIRAM_ELECT_BF","NON_OPERATIONAL")
),
end;
$$EOF

```