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1 INTRODUCTION

This document describes the activities that JIRAM performed during the activity period JM0340 (PJ034), with particular attention to the comparison between the expected and returned data, keeping track of the instrument configuration with the commanding file (SASF).

2 REFERENCES

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

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

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3 ACTIVITY DESCRIPTION

During the PJ034 pass, JIRAM performed the Footprints observations of IO and Ganymede, on both North and South Pole; observations of the cyclones of the South and North Pole (see fig. 1 and fig. 2) and of the planet's limbs. In addition JIRAM achieved observations of the Jupiter's moon IO (not reported in the figures). Note that there is a spectral observation corresponding to each observation taken with the imager. Details about imager/spectrometer coupling and more in general about the instrument and its performance can be found in Adriani et al. (2017), Noschese et al. (2019). Due to an uncertainty in the actual pointing of the JIRAM frame (which is affected by the position of the despinning mirror at the time of the observation), the JIRAM team found that the precision of the reconstruction of the geometry of both IMG and SPE pixels should be revised by a value of no less than 0.1 degrees. We want to underline that this issue was only discovered during JM0131, when we started to do systematic limb observations near perijove (PJ) and we could compare the

calculated position of the planet’s limb, using the reconstructed kernels, with respect to its actual position in the image we collected with our instrument.

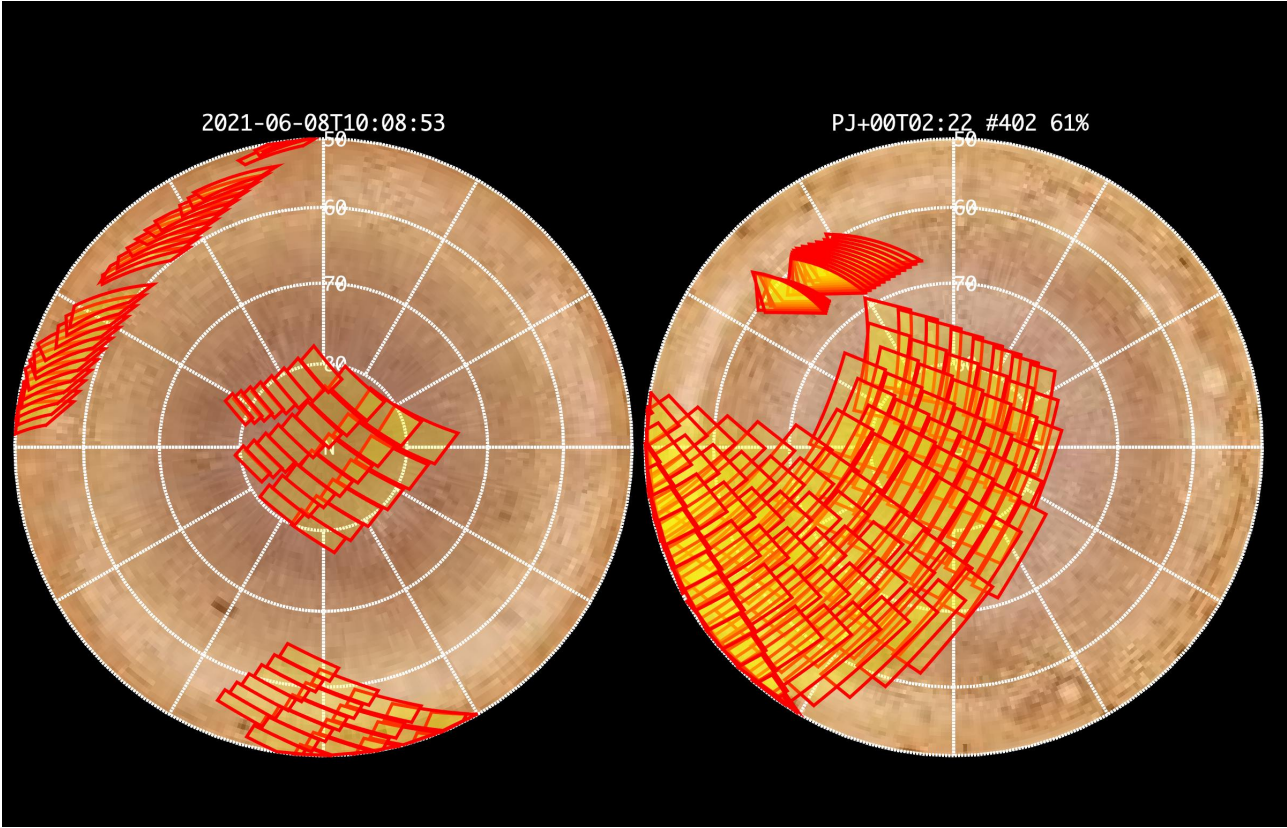


Figure 1: Simulation with JSPT (JIRAM Software Planning Tool), coverage of the South Pole with filter M. The overlapping yellow strips represent the predicted FOVs.

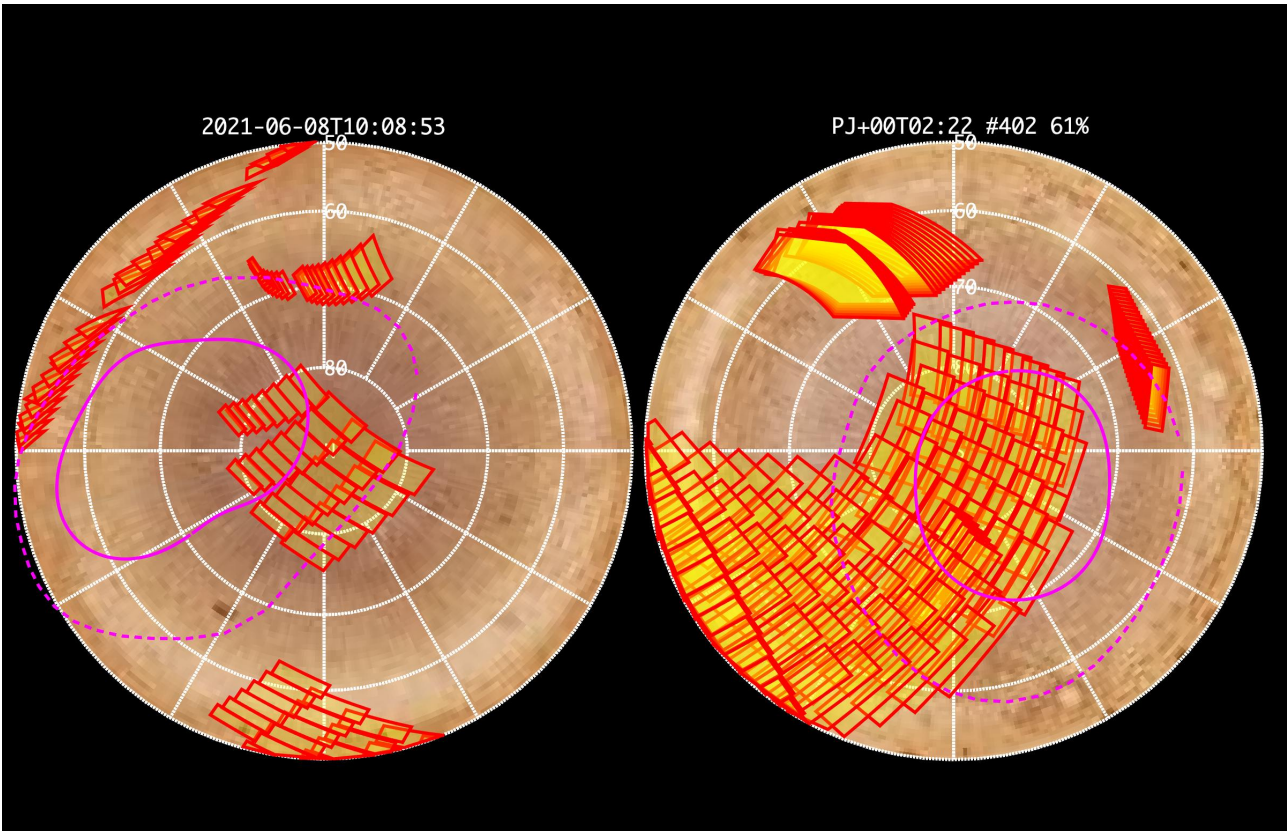


Figure 2: Simulation with JSPT. Coverage of the South Pole with filter L, the magenta line represents the theoretical position of the main auroral oval.

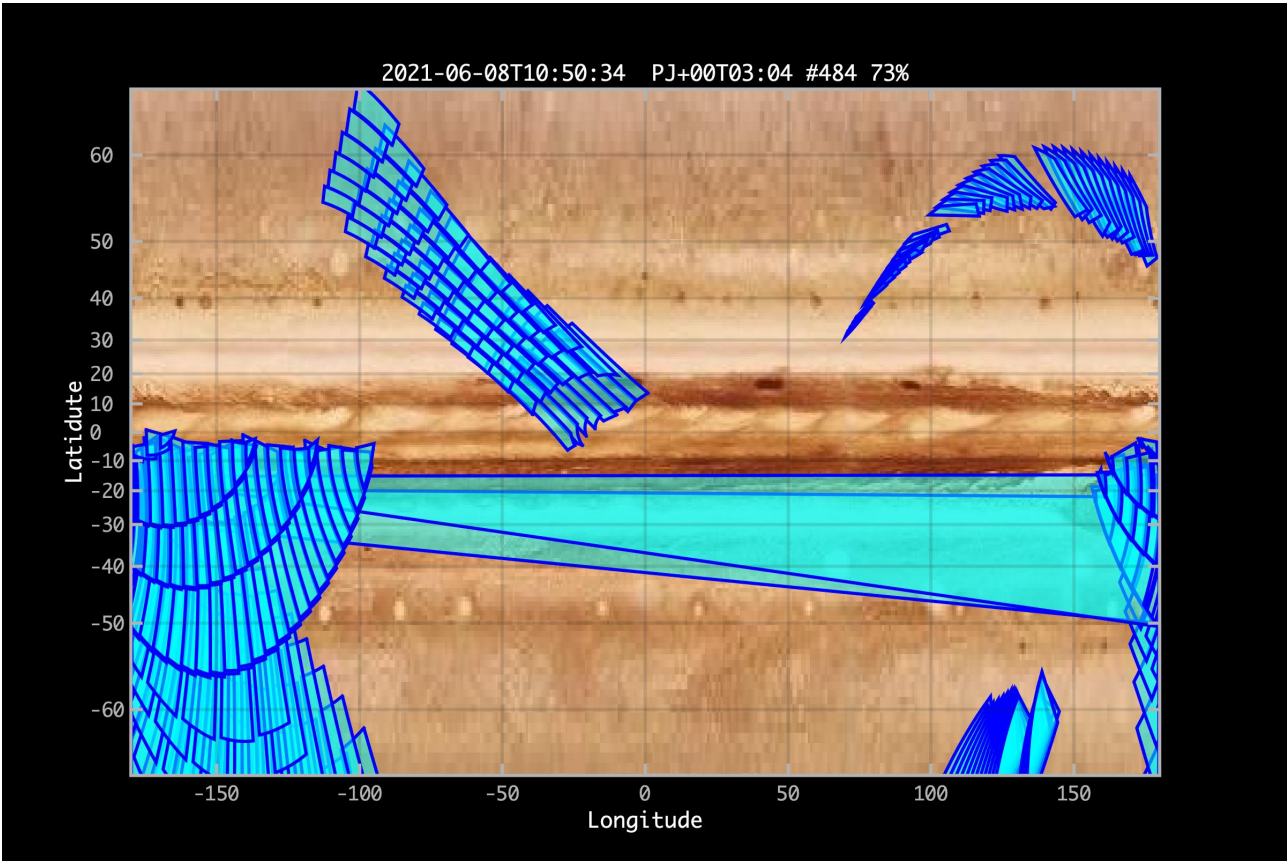


Figure 3: Atmospheric Mapping: Hot Spots - Imager filter M.

4 RADIATION SEQUENCES

Radiation sequences were collected in locations of low particle flux in order to update the mapping of good pixel locations to be used in subsequent radiation data processing. Radiation sequences targeting observations of the radiation environment were performed in the middle magnetosphere and the inner magnetosphere.

5 SCIENTIFIC GOALS

Below is a table that describes for each science block in the commanding file the relative operational mode and the scientific objectives. The files relating to the various science blocks are shown in the file “JIR_STATUS_EDR_2021158T132939_V01.CSV” in the INDEX directory.

JRM (sarf)	Operational Mode	Goals
JRM_004	CAL_I1_S1	INTERNAL CALIBRATION
JRM_005	SCI_I1_S1	RADIATION
JRM_006	SCI_I1_S1	RADIATION
JRM_007	SCI_I1_S1	RADIATION
JRM_008	SCI_I1_S1	RADIATION
JRM_009	SCI_I1_S1	RADIATION
JRM_010	SCI_I1_S1	RADIATION+CALIBRATION
JRM_011	SCI_I1_S1	RADIATION
JRM_012	SCI_I1_S1	RADIATION
JRM_013	SCI_I1_S1	RADIATION
JRM_014	SCI_I1_S1	RADIATION
JRM_015	SCI_I1_S1	RADIATION
JRM_016	SCI_I1_S1	RADIATION+CALIBRATION
JRM_017	SCI_I1_S1	RADIATION
JRM_018	SCI_I1_S1	RADIATION
JRM_019	SCI_I1_S1	RADIATION+CALIBRATION
JRM_020	SCI_I1_S1	RADIATION+CALIBRATION
JRM_021	SCI_I1_S1	RADIATION+CALIBRATION
JRM_022	SCI_I1_S1	RADIATION+CALIBRATION
JRM_023	SCI_I1_S1	GANYMEDE
JRM_025	SCI_I1_S1	RADIATION+CALIBRATION
JRM_026	SCI_I1_S1	RADIATION+CALIBRATION
JRM_027	SCI_I1_S1	RADIATION+CALIBRATION
JRM_028	SCI_I1_S1	RADIATION
JRM_029	SCI_I1_S1	RADIATION
JRM_030	SCI_I1_S1	RADIATION
JRM_031	SCI_I1_S1	RADIATION
JRM_032	SCI_I1_S1	RADIATION+CALIBRATION
JRM_033	SCI_I1_S1	RADIATION+CALIBRATION
JRM_034	SCI_I1_S1	RADIATION
JRM_035	SCI_I1_S1	RADIATION+CALIBRATION
JRM_036	SCI_I1_S1	RADIATION
JRM_037	SCI_I1_S1	RADIATION
JRM_038	SCI_I1_S1	RADIATION+CALIBRATION
JRM_039	SCI_I1_S1	RADIATION
JRM_040	SCI_I1_S1	RADIATION+CALIBRATION
JRM_041	SCI_I1_S1	RADIATION
JRM_042	SCI_I1_S1	RADIATION+CALIBRATION
JRM_043	SCI_I1_S1	RADIATION
JRM_044	SCI_I1_S1	RADIATION+CALIBRATION
JRM_045	SCI_I1_S1	RADIATION+CALIBRATION
JRM_046	SCI_I1_S1	RADIATION
JRM_047	SCI_I1_S1	RADIATION+CALIBRATION
JRM_048	SCI_I1_S1	RADIATION+CALIBRATION
JRM_049	SCI_I1_S1	RADIATION
JRM_050	SCI_I1_S1	RADIATION+CALIBRATION
JRM_051	SCI_I3_S1	RADIATION+CALIBRATION
JRM_052	SCI_I1_S1	RADIATION
JRM_053	SCI_I1_S1	RADIATION+CALIBRATION
JRM_054	SCI_I1_S1	RADIATION+CALIBRATION

JRM_055	SCI_I1_S1	RADIATION
JRM_056	SCI_I1_S1	RADIATION+CALIBRATION
JRM_057	SCI_I1_S1	RADIATION+CALIBRATION
JRM_058	SCI_I1_S1	RADIATION
JRM_059	SCI_I1_S1	RADIATION+CALIBRATION
JRM_060	SCI_I1_S1	RADIATION+CALIBRATION
JRM_061	SCI_I1_S1	RADIATION
JRM_062	SCI_I1_S1	RADIATION+CALIBRATION
JRM_063	SCI_I1_S1	RADIATION+CALIBRATION
JRM_064	SCI_I1_S1	RADIATION
JRM_065	SCI_I1_S1	ATMOSPHERE
JRM_066	SCI_I3_S1	ATMOSPHERE
JRM_067	SCI_I1_S1	ATMOSPHERE
JRM_069	SCI_I1_S1	ATMOSPHERE
JRM_070	SCI_I1_S1	ATMOSPHERE
JRM_071	SCI_I1_S1	ATMOSPHERE
JRM_072	SCI_I1_S1	ATMOSPHERE
JRM_073	SCI_I1_S1	ATMOSPHERE
JRM_074	SCI_I1_S1	ATMOSPHERE
JRM_075	SCI_I1_S1	ATMOSPHERE
JRM_076	SCI_I1_S1	NORTH POLE
JRM_074	SCI_I1_S1	NORTH POLE
JRM_075	SCI_I1_S1	NORTH POLE
JRM_076	SCI_I1_S1	NORTH POLE
JRM_077	SCI_I1_S1	NORTH POLE
JRM_078	SCI_I1_S1	NORTH POLE
JRM_079	SCI_I1_S1	NORTH POLE
JRM_080	SCI_I3_S1	IO FOOTPRINT NORTH
JRM_081	SCI_I3_S1	IO FOOTPRINT NORTH
JRM_082	SCI_I1_S1	LIMB UP
JRM_083	SCI_I1_S1	LIMB UP
JRM_084	SCI_I1_S1	LIMB UP
JRM_085	SCI_I1_S1	LIMB UP
JRM_087	SCI_I1_S1	RADIATION
JRM_088	SCI_I1_S1	RADIATION+CALIBRATION
JRM_089	SCI_I1_S1	RADIATION
JRM_090	SCI_I1_S1	RADIATION+CALIBRATION
JRM_091	SCI_I1_S1	LIMB DOWN
JRM_092	SCI_I1_S1	LIMB DOWN
JRM_093	SCI_I3_S1	IO FOOTPRINT SOUTH
JRM_094	SCI_I1_S1	SOUTH POLE
JRM_095	SCI_I1_S1	SOUTH POLE
JRM_096	SCI_I1_S1	SOUTH POLE
JRM_097	SCI_I1_S1	SOUTH POLE
JRM_098	SCI_I1_S1	SOUTH POLE
JRM_099	SCI_I1_S1	SOUTH POLE
JRM_100	SCI_I1_S1	SOUTH POLE

JRM_101	SCI_I1_S1	GANYMEDE FOOTPRINT SOUTH
JRM_102	SCI_I1_S1	SOUTH POLE
JRM_103	SCI_I1_S1	SOUTH POLE
JRM_104	SCI_I1_S1	SOUTH POLE
JRM_105	SCI_I1_S1	SOUTH POLE
JRM_106	SCI_I1_S1	SOUTH POLE
JRM_107	SCI_I1_S1	SOUTH POLE
JRM_108	SCI_I1_S1	SOUTH POLE
JRM_109	SCI_I1_S1	ATMOSPHERE
JRM_110	SCI_I1_S1	ATMOSPHERE
JRM_111	SCI_I1_S1	ATMOSPHERE
JRM_112	SCI_I1_S1	ATMOSPHERE
JRM_113	SCI_I1_S1	INTERNAL CALIBRATION
JRM_119	CAL_I1_S1	INTERNAL CALIBRATION
JRM_120	SCI_I1_S1	CALLISTO
JRM_121	SCI_I1_S1	CALLISTO
JRM_122	SCI_I1_S1	CALLISTO
JRM_123	SCI_I1_S1	CALLISTO
JRM_124	SCI_I1_S1	CALLISTO
JRM_125	SCI_I1_S1	CALLISTO
JRM_126	SCI_I1_S1	CALLISTO
JRM_127	SCI_I1_S1	CALLISTO
JRM_128	SCI_I1_S1	CALLISTO
JRM_129	SCI_I1_S1	CALLISTO
JRM_130	SCI_I1_S1	CALLISTO
JRM_131	SCI_I1_S1	CALLISTO
JRM_132	CAL_I1_S1	INTERNAL CALIBRATION

Table 1: Scientific Goals

6 DATA COLLECTION OVERVIEW

Below is a table that gives an overview of the data collected during the activity period JM0331. The table describes, for each science block in the commanding file, the programmed operational modes and the data actually collected.

JRM (sarf)	Operational Mode	Observations	Packets Retrieved	Packets Expected	Missing Observations SPE	Missing Observations IMG
JRM_004	CAL_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_005	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_006	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_007	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0

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JRM_008	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_009	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_010	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_011	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_012	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_013	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_014	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_015	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_016	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_017	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_018	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_019	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_020	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_021	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_022	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_023	SCI_I1_S1	23 IMG 23 SPE	276	2765	0	0
JRM_025	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_026	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_027	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_028	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_029	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_030	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_031	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_032	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_033	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_034	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_035	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_036	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0

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JRM_037	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_038	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_039	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_040	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_041	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_042	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_043	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_044	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_045	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_046	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_047	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_048	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_049	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_050	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_051	SCI_I3_S1	3 IMG 3 SPE	36	36	0	0
JRM_052	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_053	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_054	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_055	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_056	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_057	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_058	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_059	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_060	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_061	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_062	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_063	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_064	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0

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JRM_065	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_066	SCI_I3_S1	6 IMG 6 SPE	54	54	0	0
JRM_067	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_068	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_069	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_070	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_071	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_072	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_073	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_074	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_075	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_076	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_077	SCI_I1_S1	7 IMG 7 SPE	84	84	0	0
JRM_078	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_079	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_080	SCI_I3_S1	10 IMG 10 SPE	90	90	0	0
JRM_081	SCI_I3_S1	10 IMG 10 SPE	90	90	0	0
JRM_082	SCI_I1_S1	12 IMG 12 SPE	144	144	0	0
JRM_083	SCI_I1_S1	10 IMG 10 SPE	120	120	0	0
JRM_084	SCI_I1_S1	10 IMG 10 SPE	120	120	0	0
JRM_085	SCI_I1_S1	4 IMG 4 SPE	48	48	0	0
JRM_087	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_088	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_089	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_090	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_091	SCI_I1_S1	12 IMG 12 SPE	144	144	0	0
JRM_092	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_093	SCI_I3_S1	20 IMG 20 SPE	180	180	0	0

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JRM_094	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_095	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_096	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_097	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_098	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_099	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_100	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_101	SCI_I3_S1	6 IMG 6 SPE	54	54	0	0
JRM_102	SCI_I1_S1	8 IMG 8 SPE	96	96	0	0
JRM_103	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_104	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_105	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_106	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_107	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_108	SCI_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_109	SCI_I1_S1	30 IMG 30 SPE	360	360	0	0
JRM_110	SCI_I1_S1	28 IMG 28 SPE	336	336	0	0
JRM_111	SCI_I1_S1	28 IMG 28 SPE	336	336	0	0
JRM_112	SCI_I1_S1	26 IMG 26 SPE	312	312	0	0
JRM_113	CAL_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_119	CAL_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_120	SCI_I1_S1	15 IMG 15 SPE	180	180	0	0
JRM_121	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_122	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_123	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_124	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_125	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_126	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0

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JRM_127	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_128	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_129	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_130	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_131	SCI_I1_S1	13 IMG 13 SPE	156	156	0	0
JRM_132	CAL_I1_S1	6 IMG 6 SPE	72	72	0	0

Table 2: Data Overview

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A.1 Commanding file (SASF)

```

CCSD3ZF0000100000001NJPL3KSOL015$$MARK$$;
MISSION_NAME = JUNO;
SPACECRAFT_NAME = JUNO;
DATA_SET_ID = SPACECRAFT_ACTIVITY_SEQUENCE_JRM;
FILE_NAME = jm0340_JRMa.sasf;
APPLICABLE_START_TIME = 2021-158T07:00:00.000;
APPLICABLE_STOP_TIME = 2021-201T08:00:00.000;
PRODUCT_CREATION_TIME = 2021-131T15:22:22.000;
PRODUCER_ID = JRMTEAM;
SEQ_ID = jm0340_JRMa;
HOST_ID = JRM_CMD_340_340_V04.jrm;
CCSD3RE00000$$MARK$$NJPL3IF0M01300000001;
$$JNO      SPACECRAFT ACTIVITY SEQUENCE FILE
*****
*PROJECT      JNO
*SPACECRAFT   61
*OPERATOR     JRMTEAM
*FILE_CMPLT   TRUE
*DATE         Tue May 11 15:22:22 2021
*BEGIN        2021-158T07:00:00.000
*CUTOFF       2021-201T08:00:00.000
*TITLE        jm0340_JRMa
*EPOCHS_DEF
*jm0340_JRM,  2021-158T07:00:00.000
*EPOCHS_END
*Input files used:
*File Type   Last modified           File name
*PACKETS_NUMBER 9390
*****
$$EOH
$$EOD
request(JRM_Sequence_Management_Request,
        START_TIME,2021-158T07:00:00.000,
        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","jm0340_JRM","jm0340_JRM.abs","d:/seq")
        ),
        command(2,
        SCHEDULED_TIME,\00:00:30\,FROM_PREVIOUS_START,
        FILE_DELETE("d:/seq/jm0340_JRM.abs")
        ),
        command(3,
        SCHEDULED_TIME,\043T00:59:58\,FROM_REQUEST_START,
        VM_LOAD(20,"d:/seq/jm0350_JRM.abs")
        ),
        end;

request(JRM_001,
        START_TIME,2021-158T08:05:04.000,
        TITLE, "jm0340_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_BP","OPERATIONAL")
),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"NaN\"
    ),
end;

request(JRM_002,
    START_TIME,2021-158T13:26:04.000,
    TITLE, "jm0340_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,2021-158T13:28:47.000,
    TITLE, "jm0340_JRM_StandBy",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(111,2)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_STANDBY("ON","ON","ON")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

request(JRM_004,
    START_TIME,2021-158T13:28:59.000,
    TITLE, "jm0340_JRM_Calibration",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_CAL_PAR(8,14,8,14,30,700,30,700,30,700,30,700,30,700,200,200,153,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()

```

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```

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

request(JRM_005,
    START_TIME,2021-158T13:38:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

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```

JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_34_001_OutsideGmag_2021-158T13:38:15.000\"
),
end;

request(JRM_006,
    START_TIME,2021-158T13:43:15.000,
    TITLE,\"jm0340_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,

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        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_002_GoodPxMap_2021-158T13:43:15.000\"
    ),
end;

request(JRM_007,
    START_TIME,2021-158T13:48:15.000,
    TITLE, \"jm0340_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),

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command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_34_003_GoodPxMap_2021-158T13:48:15.000\"\\
),
end;

request(JRM_008,
    START_TIME,2021-158T13:53:15.000,
    TITLE,\"jm0340_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")

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

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

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

JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
)

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```

    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_004_GoodPxMap_2021-158T13:53:15.000\"\\
    ),
end;

request(JRM_009,
    START_TIME,2021-158T13:58:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

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

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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```

        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_005_OutsideGmag_2021-158T13:58:15.000\"
    ),
end;

request(JRM_010,
    START_TIME,2021-158T14:08:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

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

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,

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        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"RAD+CAL\"
    ),
end;

request(JRM_011,
    START_TIME,2021-158T14:13:15.000,
    TITLE,\"jm0340_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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

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command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_34_006_GoodPxMap_2021-158T14:13:15.000\"\\
),
end;

request(JRM_012,
    START_TIME,2021-158T14:18:15.000,
    TITLE,\"jm0340_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")

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

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

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

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

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    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_007_GoodPxMap_2021-158T14:18:15.000\"\\
    ),
end;

request(JRM_013,
    START_TIME,2021-158T14:23:15.000,
    TITLE,\"jm0340_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")

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

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

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

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JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(11,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(12,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
command(13,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SET_PAR(92,8174)
),
command(14,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Radiation_Sequence_34_008_GoodPxMap_2021-158T14:23:15.000\"\\
),
end;

request(JRM_014,
START_TIME,2021-158T14:36:30.000,
TITLE, "jm0340_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(92,153)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_009_OutsideGmag_2021-158T14:36:30.000\"\\
    ),
end;

request(JRM_015,
    START_TIME,2021-158T14:56:30.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

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

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

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_34_010_OutsideGmag_2021-158T14:56:30.000\"\\
),
end;

request(JRM_016,
    START_TIME,2021-158T15:08:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

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

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

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

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

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

request(JRM_017,
    START_TIME,2021-158T15:16:30.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_34_011_OutsideGmag_2021-158T15:16:30.000\"\\
),
end;

request(JRM_018,
    START_TIME,2021-158T15:36:31.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_012_OutsideGmag_2021-158T15:36:31.000\"\\
    ),
end;

request(JRM_019,
    START_TIME,2021-158T15:48:15.000,
    TITLE,"jm0340_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"RAD+CAL\"
),
end;

request(JRM_020,
    START_TIME,2021-158T16:08:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

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

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    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"RAD+CAL\"
    ),
end;

request(JRM_021,
    START_TIME,2021-158T16:28:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

request(JRM_022,
    START_TIME,2021-158T16:42:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(7,

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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_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"RAD+CAL\"
    ),
end;

request(JRM_023,
    START_TIME,2021-158T16:50:49.000,
    TITLE,"jm0340_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,1250)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",23,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,2500,5000,"LOW","LOW",
        ,"POINT",28672,2500,5000,"LOW","LOW","SPIN",49403,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:12:23\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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        TEXT, "Ganymede"\
    ),
end;

request (JRM_024,
        START_TIME, 2021-158T17:03:24.000,
        TITLE, "jm0340_Technical_Block",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
        SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    note(1,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        TEXT, "Imager Delay Set to Zero"\
    ),
end;

request (JRM_025,
        START_TIME, 2021-158T17:08:15.000,
        TITLE, "jm0340_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
        SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1", 1,1,0, "IDIS_SDIS", "HSSL", "ENABLE", "RN", "DISABLE", 0,0,0,0, "LOW", "LOW", "POINT",
        ,28991,5000,5000, "LOW", "LOW", "POINT", -57025, "NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1", 1,1,0, "IDIS_SDIS", "HSSL", "ENABLE", "RN", "DISABLE", 0,0,0,0, "LOW", "LOW", "POINT",
        ,28991,5000,5000, "LOW", "LOW", "POINT", -57025, "NO_SUMMED_SCI")
    ),
    command(7,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1", 1,1,0, "IDIS_SDIS", "HSSL", "ENABLE", "RN", "DISABLE", 0,0,0,0, "LOW", "LOW", "POINT",
        ,28991,5000,5000, "LOW", "LOW", "POINT", -57025, "NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,

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        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"RAD+CAL\"
    ),
end;

request(JRM_026,
    START_TIME,2021-158T17:28:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),

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command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"RAD+CAL\"
),
end;

request(JRM_027,
    START_TIME,2021-158T17:48:15.000,
    TITLE,\"jm0340_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")

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

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

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

JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\"
,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
)

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    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"RAD+CAL\"
    ),
end;

request(JRM_028,
    START_TIME,2021-158T18:08:31.000,
    TITLE,\"jm0340_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
        ,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
        ,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
    ),
    command(7,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
        ,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_013_OutsideGmag_2021-158T18:08:31.000\"
    ),
end;

request(JRM_029,
    START_TIME,2021-158T18:30:31.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(7,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,

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        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_014_OutsideGmag_2021-158T18:30:31.000\"
    ),
end;

request(JRM_030,
    START_TIME,2021-158T18:53:31.000,
    TITLE,\"jm0340_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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

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command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_34_015_OutsideGmag_2021-158T18:53:31.000\"\\
),
end;

request(JRM_031,
    START_TIME,2021-158T19:08:32.000,
    TITLE,\"jm0340_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")

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

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

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

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

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    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_016_OutsideGmag_2021-158T19:08:32.000\"
    ),
end;

request(JRM_032,
    START_TIME,2021-158T19:28:15.000,
    TITLE,\"jm0340_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
        ,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR(\"SCI_I1_S1\",1,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"RN\",\"DISABLE\",0,0,0,0,\"LOW\",\"LOW\",\"POINT\",
        ,28991,5000,5000,\"LOW\",\"LOW\",\"POINT\",-57025,\"NO_SUMMED_SCI\")
    ),
    command(7,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

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

request(JRM_033,
START_TIME,2021-158T19:48:15.000,
TITLE, "jm0340_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(92,153)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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

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

request(JRM_034,
    START_TIME,2021-158T19:58:15.000,
    TITLE,"jm0340_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")

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

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

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_34_017_Approach_2021-158T19:58:15.000\"
),
end;

request(JRM_035,
    START_TIME,2021-158T20:08:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

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

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

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

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

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

request(JRM_036,
    START_TIME,2021-158T20:28:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_018_Approach_2021-158T20:28:15.000\"\\
    ),
end;

request(JRM_037,
    START_TIME,2021-158T20:58:07.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_019_MagEq_2021-158T20:58:07.000\"\\
    ),
end;

request(JRM_038,
    START_TIME,2021-158T21:08:15.000,
    TITLE,"jm0340_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"RAD+CAL\"\\
),
end;

request(JRM_039,
    START_TIME,2021-158T21:38:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

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

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    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_020_Approach_2021-158T21:38:15.000\"
    ),
end;

request(JRM_040,
    START_TIME,2021-158T21:58:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

request(JRM_041,
    START_TIME,2021-158T22:18:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(7,

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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_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_021_Approach_2021-158T22:18:15.000\"\\
    ),
end;

request(JRM_042,
    START_TIME,2021-158T22:38:15.000,
    TITLE,"jm0340_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),

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```

command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"RAD+CAL\"\\
),
end;

request(JRM_043,
    START_TIME,2021-158T22:58:15.000,
    TITLE,"jm0340_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")

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

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```

    ),
    command(7,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_022_Approach_2021-158T22:58:15.000\"
    ),
end;

request(JRM_044,
    START_TIME,2021-158T23:18:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

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

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

request(JRM_045,
START_TIME,2021-158T23:38:15.000,
TITLE, "jm0340_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")

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

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

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

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

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

request(JRM_046,
START_TIME,2021-158T23:58:15.000,
TITLE,\"jm0340_JRM_Science\",
REQUESTOR,\"JRMTEAM\",
PROCESSOR,\"VC2\",
KEY,\"No_Key\")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(92,153)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_34_023_Approach_2021-158T23:58:15.000\"\\
),
end;

request(JRM_047,
    START_TIME,2021-159T00:18:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

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

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

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

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

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

request(JRM_048,
    START_TIME,2021-159T00:38:15.000,
    TITLE,"jm0340_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")

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

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

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```

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

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

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

request(JRM_049,
    START_TIME,2021-159T00:58:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

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

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

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        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_024_Approach_2021-159T00:58:15.000\"\\
    ),
end;

request(JRM_050,
    START_TIME,2021-159T01:18:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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```

command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"RAD+CAL\"
),
end;

request(JRM_051,
    START_TIME,2021-159T01:38:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()

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    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

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

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

request(JRM_052,
    START_TIME,2021-159T01:58:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

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

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

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        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_025_Approach_2021-159T01:58:15.000\"\\
    ),
end;

request(JRM_053,
    START_TIME,2021-159T02:18:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(7,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"RAD+CAL\"
    ),
end;

request(JRM_054,
    START_TIME,2021-159T02:38:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),

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command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"RAD+CAL\"
),
end;

request(JRM_055,
    START_TIME,2021-159T02:58:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)

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    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(7,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_026_Approach_2021-159T02:58:15.000\"\\
    ),
end;

request(JRM_056,
    START_TIME,2021-159T03:18:15.000,
    TITLE,"jm0340_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

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

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

request(JRM_057,
    START_TIME,2021-159T03:38:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(92,153)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(3,

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        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(7,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"RAD+CAL\"
    ),
end;

request(JRM_058,
    START_TIME,2021-159T03:58:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),

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command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_34_027_Approach_2021-159T03:58:15.000\"\\
),
end;

request(JRM_059,
    START_TIME,2021-159T04:18:15.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
    ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")

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    ),
    command(3,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(4,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(5,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(6,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(7,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(8,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(9,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",
        ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
    ),
    command(10,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_GET_PAR(6000)
    ),
    command(11,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(12,
        SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    command(13,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_SET_PAR(92,8174)
    ),
    command(14,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"RAD+CAL\"
    ),
end;

request(JRM_060,
    START_TIME,2021-159T04:38:15.000,
    TITLE, "jm0340_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,

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

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

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

request(JRM_061,
START_TIME,2021-159T04:58:15.000,
TITLE,"jm0340_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,

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

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(11,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(12,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
command(13,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SET_PAR(92,8174)
),
command(14,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Radiation_Sequence_34_028_Approach_2021-159T04:58:15.000\"\\
),
end;

request(JRM_062,
START_TIME,2021-159T05:18:15.000,
TITLE,"jm0340_JRM_Science",
REQUESTOR,"JRMTEAM",
PROCESSOR,"VC2",
KEY,"No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(92,153)
),

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

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

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

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

request(JRM_063,
    START_TIME,2021-159T05:38:15.000,
    TITLE,"jm0340_JRM_Science",
    REQUESTOR,"JRMTEAM",
    PROCESSOR,"VC2",
    KEY,"No_Key")

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

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

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

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

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

request(JRM_064,
    START_TIME,2021-159T05:58:15.000,
    TITLE, "jm0340_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(92,153)
),
command(2,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
),
command(10,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_GET_PAR(6000)
),
command(11,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(12,
SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
command(13,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_SET_PAR(92,8174)
),
command(14,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"Radiation_Sequence_34_029_Approach_2021-159T05:58:15.000\"\\
),
end;

request(JRM_065,
START_TIME,2021-159T06:09:28.000,
TITLE, "jm0340_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,

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

JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,455,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-1247,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:04:47\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Atmosphere\"\\
    ),
end;

request(JRM_066,
    START_TIME,2021-159T06:14:34.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,637,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-1244,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Atmosphere\"\\
    ),
end;

request(JRM_067,
    START_TIME,2021-159T06:18:38.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",

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

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,637,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-1241,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"Atmosphere\"\\
),
end;

request(JRM_068,
  START_TIME,2021-159T06:22:42.000,
  TITLE, "jm0340_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,637,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-1237,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"Atmosphere\"\\
),
end;

request(JRM_069,
```

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START_TIME,2021-159T06:26:46.000,
TITLE, "jm0340_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,637,75,5000,"LOW","LOW",
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-1234,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:03:46\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"Atmosphere\"
),
end;

request(JRM_070,
  START_TIME,2021-159T06:30:50.000,
  TITLE, "jm0340_JRM_Science",
  REQUESTOR, "JRMTEAM",
  PROCESSOR, "VC2",
  KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  JRM_SET_PAR(74,2465)
),
command(2,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,638,75,5000,"LOW","LOW",
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-1232,"NO_SUMMED_SCI")
),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_START_HS_REC()
),
command(4,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_SCIENCE()
),
command(5,
  SCHEDULED_TIME,\00:03:46\,FROM_PREVIOUS_START,
  JRM_ERROR_LOG()
),
command(6,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  JRM_STOP_HS_REC()
),
note(1,
  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
  TEXT,\"Atmosphere\"
),

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end;

request (JRM_071,
        START_TIME, 2021-159T06:34:54.000,
        TITLE, "jm0340_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
        SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
        JRM_SET_PAR(74, 2465)
    ),
    command(2,
        SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1", 6, 1, 0, "IDIS_SDIS", "HSSL", "ENABLE", "DARK", "DISABLE", 0, 638, 75, 5000, "LOW", "LOW",
, "POINT", -57343, 75, 5000, "LOW", "LOW", "SPIN", -1227, "NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME, \00:03:46\, FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        TEXT, \ "Atmosphere" \
    ),
end;

request (JRM_072,
        START_TIME, 2021-159T06:38:58.000,
        TITLE, "jm0340_JRM_Science",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
        SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
        JRM_SET_PAR(74, 2465)
    ),
    command(2,
        SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1", 6, 1, 0, "IDIS_SDIS", "HSSL", "ENABLE", "DARK", "DISABLE", 0, 638, 75, 5000, "LOW", "LOW",
, "POINT", -57343, 75, 5000, "LOW", "LOW", "SPIN", -1222, "NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME, \00:03:46\, FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,

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

request(JRM_073,
    START_TIME,2021-159T06:43:03.000,
    TITLE, \"jm0340_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S1\",6,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,638,75,5000,\"LOW\",\"LOW\",
,\"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-1215,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Atmosphere\"
    ),
end;

request(JRM_074,
    START_TIME,2021-159T06:47:07.000,
    TITLE, \"jm0340_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S1\",6,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,638,75,5000,\"LOW\",\"LOW\",
,\"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-1208,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

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

request(JRM_075,
    START_TIME,2021-159T06:51:11.000,
    TITLE,\"jm0340_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S1\",6,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,638,75,5000,\"LOW\",\"LOW\",
,\"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-1200,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:03:46\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Atmosphere\"
),
end;

request(JRM_076,
    START_TIME,2021-159T06:55:15.000,
    TITLE,\"jm0340_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR(\"SCI_I1_S1\",6,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,574,75,5000,\"LOW\",\"LOW\",
,\"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-7561,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:03:46\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()

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

request(JRM_077,
    START_TIME,2021-159T06:59:19.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,586,75,5000,"LOW","LOW",
        ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-7871,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:04:17\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"North Pole\"\\
    ),
end;

request(JRM_078,
    START_TIME,2021-159T07:03:54.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,593,75,5000,"LOW","LOW",
        ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-8173,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),

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command(5,
    SCHEDULED_TIME,\00:04:48\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"North Pole\"
),
end;

request(JRM_079,
    START_TIME,2021-159T07:08:59.000,
    TITLE, \"jm0340_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S1\",8,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,593,75,5000,\"LOW\",\"LOW\",
    \"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-8151,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:04:48\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"North Pole\"
),
end;

request(JRM_080,
    START_TIME,2021-159T07:14:05.000,
    TITLE, \"jm0340_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I3_S1\",10,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,215,5000,5000,\"LOW\",\"LOW\",
    \"POINT\",-57343,5000,5000,\"LOW\",\"LOW\",\"SPIN\",-11627,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,

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        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:05:48\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io FP North\"
    ),
end;

request(JRM_081,
    START_TIME,2021-159T07:20:12.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I3_S1",10,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,500,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-8400,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:05:49\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io FP North\"
    ),
end;

request(JRM_082,
    START_TIME,2021-159T07:26:18.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,1250)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",12,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,130,2500,5000,"LOW","LOW",
"POINT",-57343,2500,5000,"LOW","LOW","SPIN",16038,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

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JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:06:50\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Limb Up\"
),
end;

request(JRM_083,
    START_TIME,2021-159T07:33:27.000,
    TITLE, \"jm0340_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,1250)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S1\",10,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,177,2500,5000,\"LOW\",\"LOW\",
    \"POINT\",-57343,2500,5000,\"LOW\",\"LOW\",\"SPIN\",17622,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:05:48\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Limb Up\"
),
end;

request(JRM_084,
    START_TIME,2021-159T07:39:34.000,
    TITLE, \"jm0340_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,1250)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S1\",10,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,164,2500,5000,\"LOW\",\"LOW\",
    \"POINT\",-57343,2500,5000,\"LOW\",\"LOW\",\"SPIN\",19428,\"NO_SUMMED_SCI\")

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```

    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:05:49\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Limb Up\"
    ),
end;

request(JRM_085,
    START_TIME,2021-159T07:45:42.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,1250)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",4,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,76,2500,5000,"LOW","LOW",
        "POINT",-57343,2500,5000,"LOW","LOW","SPIN",20983,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:02:45\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Limb Up\"
    ),
end;

request(JRM_086,
    START_TIME,2021-159T07:48:39.000,
    TITLE, "jm0340_Technical_Block",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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TEXT, "Imager Delay Set to Zero" \
),
end;

request (JRM_087,
    START_TIME, 2021-159T07:49:38.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
    JRM_SET_PAR(92, 153)
),
command(2,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1", 1, 1, 0, "IDIS_SDIS", "HSSL", "ENABLE", "RN", "DISABLE", 0, 0, 0, 0, "LOW", "LOW", "POINT"
, 48551, 5000, 5000, "LOW", "LOW", "POINT", -37465, "NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1", 1, 1, 0, "IDIS_SDIS", "HSSL", "ENABLE", "RN", "DISABLE", 0, 0, 0, 0, "LOW", "LOW", "POINT"
, 48551, 5000, 5000, "LOW", "LOW", "POINT", -37465, "NO_SUMMED_SCI")
),
command(7,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1", 1, 1, 0, "IDIS_SDIS", "HSSL", "ENABLE", "RN", "DISABLE", 0, 0, 0, 0, "LOW", "LOW", "POINT"
, 48551, 5000, 5000, "LOW", "LOW", "POINT", -37465, "NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    JRM_SET_PAR(92, 8174)
),
command(14,
    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
note(1,

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        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Radiation_Sequence_34_030_MainRingN_2021-159T07:49:38.000\"\\
    ),
end;

request(JRM_088,
    START_TIME,2021-159T08:05:05.000,
    TITLE, \"jm0340_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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

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

request(JRM_089,
    START_TIME,2021-159T08:11:05.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,-50743,5000,5000,"LOW","LOW","POINT",-22071,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(4,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(5,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(6,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,-50743,5000,5000,"LOW","LOW","POINT",-22071,"NO_SUMMED_SCI")
),
command(7,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(8,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(9,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,-50743,5000,5000,"LOW","LOW","POINT",-22071,"NO_SUMMED_SCI")
),
command(10,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_GET_PAR(6000)
),
command(11,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(12,
    SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
command(13,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_SET_PAR(92,8174)
),
command(14,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()

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),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Radiation_Sequence_34_031_SHiLatLobe_2021-159T08:11:05.000\"\\
),
end;

request(JRM_090,
    START_TIME,2021-159T08:18:05.000,
    TITLE, \"jm0340_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(92,153)
),
command(2,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,

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

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

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

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JRM_ERROR_LOG ()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\ "RAD+CAL"\
),
end;

request(JRM_091,
    START_TIME,2021-159T08:24:57.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,1250)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",12,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,55,2500,5000,"LOW","LOW",
"POINT",-57343,2500,5000,"LOW","LOW","SPIN",-10232,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:06:49\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\ "Limb Down"\
),
end;

request(JRM_092,
    START_TIME,2021-159T08:32:05.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,1250)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,69,2500,5000,"LOW","LOW",
"POINT",-57343,2500,5000,"LOW","LOW","SPIN",-9587,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()

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

request(JRM_093,
    START_TIME,2021-159T08:36:09.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I3_S1",20,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,142,5000,5000,"LOW","LOW",
        "POINT",-57343,5000,5000,"LOW","LOW","SPIN",-4066,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:10:53\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Io FP South\"\\
    ),
end;

request(JRM_094,
    START_TIME,2021-159T08:47:20.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,454,75,5000,"LOW","LOW",
        "POINT",-57343,75,5000,"LOW","LOW","SPIN",-6472,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),

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

request(JRM_095,
    START_TIME,2021-159T08:52:26.000,
    TITLE,\"jm0340_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S1\",6,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,636,75,5000,\"LOW\",\"LOW\",
    \"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-5843,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"South Pole\"
),
end;

request(JRM_096,
    START_TIME,2021-159T08:56:30.000,
    TITLE,\"jm0340_JRM_Science\",
    REQUESTOR,\"JRMTEAM\",
    PROCESSOR,\"VC2\",
    KEY,\"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCI_PAR(\"SCI_I1_S1\",6,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,636,75,5000,\"LOW\",\"LOW\",
    \"POINT\",-57343,75,5000,\"LOW\",\"LOW\",\"SPIN\",-5211,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,

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        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"South Pole\"
    ),
end;

request(JRM_097,
    START_TIME,2021-159T09:00:34.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,636,75,5000,"LOW","LOW",
        ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-5216,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"South Pole\"
    ),
end;

request(JRM_098,
    START_TIME,2021-159T09:04:38.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,637,75,5000,"LOW","LOW",
        ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-4585,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

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        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"South Pole\"
    ),
end;

request(JRM_099,
    START_TIME,2021-159T09:08:42.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,637,75,5000,"LOW","LOW",
        ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-3952,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:03:46\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"South Pole\"
    ),
end;

request(JRM_100,
    START_TIME,2021-159T09:12:46.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,637,75,5000,"LOW","LOW",
        ,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-3955,"NO_SUMMED_SCI")

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    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:03:46\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"South Pole\"
    ),
end;

request(JRM_101,
    START_TIME,2021-159T09:16:50.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I3_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,191,5000,5000,"LOW","LOW",
        "POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2206,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:03:46\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Ganymede FP South\"
    ),
end;

request(JRM_102,
    START_TIME,2021-159T09:20:54.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

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JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,501,75,5000,"LOW","LOW",
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-3643,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(4,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(5,
SCHEDULED_TIME,\00:04:47\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
command(6,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"South Pole\"
),
end;

request(JRM_103,
START_TIME,2021-159T09:25:59.000,
TITLE, "jm0340_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2465)
),
command(2,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,701,75,5000,"LOW","LOW",
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-3646,"NO_SUMMED_SCI")
),
command(3,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_START_HS_REC()
),
command(4,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCIENCE()
),
command(5,
SCHEDULED_TIME,\00:03:46\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
),
command(6,
SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_STOP_HS_REC()
),
note(1,
SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
TEXT,\"South Pole\"
),
end;

request(JRM_104,
START_TIME,2021-159T09:30:04.000,
TITLE, "jm0340_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
JRM_SET_PAR(74,2465)

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    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,701,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-3648,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"South Pole\"
    ),
end;

request(JRM_105,
    START_TIME,2021-159T09:34:08.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,2465)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,701,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-3650,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"South Pole\"
    ),
end;

request(JRM_106,
    START_TIME,2021-159T09:38:12.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

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

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,701,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-3651,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"South Pole\"
),
end;

request(JRM_107,
    START_TIME,2021-159T09:42:16.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")

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

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,701,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-3653,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"South Pole\"
),
end;

request(JRM_108,
    START_TIME,2021-159T09:46:20.000,
    TITLE, "jm0340_JRM_Science",

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

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,701,75,5000,"LOW","LOW",
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-3654,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:03:45\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"South Pole\"\\
    ),
end;

request(JRM_109,
    START_TIME,2021-159T09:50:24.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",30,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,310,75,5000,"LOW","LOW",
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-4614,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:16:00\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Atmosphere\"\\
    ),
end;

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request(JRM_110,
    START_TIME,2021-159T10:06:40.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",28,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,333,75,5000,"LOW","LOW",
", "POINT",-57343,75,5000,"LOW","LOW","SPIN",-4618,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:14:59\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Atmosphere\"\\
),
end;

request(JRM_111,
    START_TIME,2021-159T10:21:55.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",28,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,333,75,5000,"LOW","LOW",
", "POINT",-57343,75,5000,"LOW","LOW","SPIN",-4621,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:14:59\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Atmosphere\"\\

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    ),
end;

request(JRM_112,
    START_TIME,2021-159T10:37:10.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,2465)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",26,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,360,75,5000,"LOW","LOW",
",POINT",-57343,75,5000,"LOW","LOW","SPIN",-4624,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:13:58\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Atmosphere\"
),
end;

request(JRM_113,
    START_TIME,2021-159T10:51:20.000,
    TITLE, "jm0340_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,

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        TEXT, \ "NaN" \
    ),
end;

request (JRM_114,
        START_TIME, 2021-159T10:55:40.000,
        TITLE, "jm0340_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_115,
        START_TIME, 2021-159T10:55:56.000,
        TITLE, "jm0340_JRM_Heater_Op",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
        SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
        THRM_SET_PT_SEL("JIRAM_OH", "NON_OPERATIONAL")
    ),
    command(2,
        SCHEDULED_TIME, \00:00:01\, FROM_PREVIOUS_START,
        THRM_SET_PT_SEL("JIRAM_DECON", "NON_OPERATIONAL")
    ),
    command(3,
        SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
        THRM_SET_PT_SEL("JIRAM_ELECT_BP", "NON_OPERATIONAL")
    ),
    note(1,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        TEXT, \ "NaN" \
    ),
end;

request (JRM_116,
        START_TIME, 2021-200T08:18:31.000,
        TITLE, "jm0340_JRM_Heater_Op",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",
        KEY, "No_Key")
    command(1,
        SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
        THRM_SET_PT_SEL("JIRAM_OH", "OPERATIONAL")
    ),
    command(2,
        SCHEDULED_TIME, \00:00:01\, FROM_PREVIOUS_START,
        THRM_SET_PT_SEL("JIRAM_DECON", "OPERATIONAL")
    ),
    command(3,
        SCHEDULED_TIME, \03:10:00\, FROM_PREVIOUS_START,
        THRM_SET_PT_SEL("JIRAM_ELECT_BP", "OPERATIONAL")
    ),
    note(1,
        SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
        TEXT, \ "NaN" \
    ),
end;

request (JRM_117,
        START_TIME, 2021-200T13:39:31.000,
        TITLE, "jm0340_JRM-POWER_ON",
        REQUESTOR, "JRMTEAM",
        PROCESSOR, "VC2",

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        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_118,
    START_TIME,2021-200T13:42:14.000,
    TITLE, "jm0340_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")
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"NaN\"
),
end;

request(JRM_119,
    START_TIME,2021-200T13:42:26.000,
    TITLE, "jm0340_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;

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request(JRM_120,
    START_TIME,2021-200T13:46:46.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",15,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,10,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-13821,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:08:20\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Callisto\"
),
end;

request(JRM_121,
    START_TIME,2021-200T13:55:24.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,12,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-13804,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:07:19\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Callisto\"
)

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    ),
end;

request(JRM_122,
    START_TIME,2021-200T14:03:02.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,12,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-13788,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:07:19\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Callisto\"
),
end;

request(JRM_123,
    START_TIME,2021-200T14:10:39.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,12,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-13771,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:07:19\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),

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

request(JRM_124,
    START_TIME,2021-200T14:18:17.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,12,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-13754,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:07:19\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Callisto\"\\
    ),
end;

request(JRM_125,
    START_TIME,2021-200T14:25:54.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,12,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-13737,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:07:19\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,

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

request(JRM_126,
    START_TIME,2021-200T14:33:32.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,12,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-13720,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:07:19\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Callisto\"
    ),
end;

request(JRM_127,
    START_TIME,2021-200T14:41:09.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,

JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,12,5000,5000,"LOW","LOW",
"POINT",-57343,5000,5000,"LOW","LOW","SPIN",-13703,"NO_SUMMED_SCI")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:07:19\,FROM_PREVIOUS_START,

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

request(JRM_128,
    START_TIME,2021-200T14:48:47.000,
    TITLE, \"jm0340_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S1\",13,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,12,5000,5000,\"LOW\",\"LOW\",
\"POINT\",-57343,5000,5000,\"LOW\",\"LOW\",\"SPIN\",-13685,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:07:19\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Callisto\"
),
end;

request(JRM_129,
    START_TIME,2021-200T14:56:24.000,
    TITLE, \"jm0340_JRM_Science\",
    REQUESTOR, \"JRMTEAM\",
    PROCESSOR, \"VC2\",
    KEY, \"No_Key\")
command(1,
    SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
    JRM_SET_PAR(74,0)
),
command(2,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM_SCI_PAR(\"SCI_I1_S1\",13,1,0,\"IDIS_SDIS\",\"HSSL\",\"ENABLE\",\"DARK\",\"DISABLE\",0,12,5000,5000,\"LOW\",\"LOW\",
\"POINT\",-57343,5000,5000,\"LOW\",\"LOW\",\"SPIN\",-13667,\"NO_SUMMED_SCI\")
),
command(3,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_START_HS_REC()
),
command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()

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    ),
    command(5,
        SCHEDULED_TIME,\00:07:19\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Callisto\"
    ),
end;

request(JRM_130,
    START_TIME,2021-200T15:04:02.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,12,5000,5000,"LOW","LOW",
        "POINT",-57343,5000,5000,"LOW","LOW","SPIN",-13649,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),
    command(4,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCIENCE()
    ),
    command(5,
        SCHEDULED_TIME,\00:07:19\,FROM_PREVIOUS_START,
        JRM_ERROR_LOG()
    ),
    command(6,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_STOP_HS_REC()
    ),
    note(1,
        SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
        TEXT,\"Callisto\"
    ),
end;

request(JRM_131,
    START_TIME,2021-200T15:11:39.000,
    TITLE, "jm0340_JRM_Science",
    REQUESTOR, "JRMTEAM",
    PROCESSOR, "VC2",
    KEY, "No_Key")
    command(1,
        SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
        JRM_SET_PAR(74,0)
    ),
    command(2,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,12,5000,5000,"LOW","LOW",
        "POINT",-57343,5000,5000,"LOW","LOW","SPIN",-13631,"NO_SUMMED_SCI")
    ),
    command(3,
        SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
        JRM_START_HS_REC()
    ),

```

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```

command(4,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_SCIENCE()
),
command(5,
    SCHEDULED_TIME,\00:07:19\,FROM_PREVIOUS_START,
    JRM_ERROR_LOG()
),
command(6,
    SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
    JRM_STOP_HS_REC()
),
note(1,
    SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
    TEXT,\"Callisto\"
),
end;

request(JRM_132,
    START_TIME,2021-200T15:19:10.000,
    TITLE, \"jm0340_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_133,
    START_TIME,2021-200T15:23:30.000,
    TITLE, \"jm0340_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_134,
    START_TIME,2021-200T15:23:46.000,
    TITLE, \"jm0340_JRM_Heater_Op\",

```

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```

REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
KEY, "No_Key")
command(1,
  SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
  THRM_SET_PT_SEL("JIRAM_OH","NON_OPERATIONAL")
),
command(2,
  SCHEDULED_TIME,\00:00:01\,FROM_PREVIOUS_START,
  THRM_SET_PT_SEL("JIRAM_DECON","NON_OPERATIONAL")
),
command(3,
  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
  THRM_SET_PT_SEL("JIRAM_ELECT_BP","NON_OPERATIONAL")
),
end;
$$EOF

```