



# Juno JIRAM

# **Report JM0141**

JIR-IAPS-SY-002-2019 Version 1.0

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#### **1** INTRODUCTION

This document describes the activities that JIRAM performed during the activity period JM0141 (PJ14), with particular attention to the comparison with the expected data and that achieved, keeping track of the configuration of the instrument with commanding file (SASF).

## **2 REFERENCES**

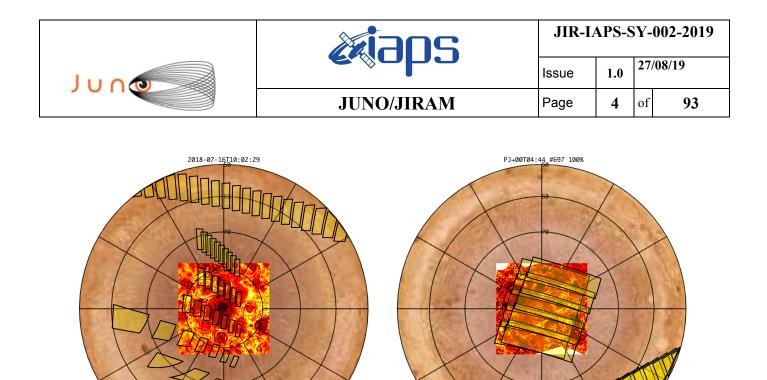
Adriani A., M.L. Moriconi, A. Mura, F. Tosi, G. Sindoni, R. Noschese, A. Cicchetti, G. Filacchione (2016), Juno's Earth flyby: the Jovian infrared Auroral Mapper preliminary results, 2016. Astrophys Space Sci. <u>https://doi.org/10.1007/s10509-016-2842-9</u>

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

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

## **3** ACTIVITY DESCRIPTION

During the PJ14 pass, JIRAM had partial coverage of the South Pole, South Aurora (see fig. 1 and fig.2) and observation to limb. Many observations are focused on the satellite footprints of Io, Europa and Ganymede (south pole). 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). Due to an uncertainty in the actual pointing of JIRAM frame (which is affected by the position of the despinning mirror at the time of the observation), JIRAM team founded that the precision on the reconstruction of the geometry of both IMG and SPE pixels should be revised to a value of no less than 0.1 degrees. We want to underline that this issue was discovered only starting from the JM0131, when we started to do systematical limb observations near the Peri-Jove (PJ) and we could compare the calculated planet limb, using the reconstructed kernels, with respect to the image we collected by our instrument.



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

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Figure 2: Simulation with JSPT. Coverage of the South Pole with filter M.

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## **4** RADIATIONS ACQUISITION

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 on approach to the North polar region.

### **5** SCIENTIFIC GOALS

Below is a table that describes for each science block in the commanding file the relative operational mode and the scientific objectives. The files relating to the various science blocks are shown in the file "JIR\_STATUS\_EDR\_2018143T144937\_V01.CSV" in the INDEX directory.

JRM (sasf)	Operational Mode	Goals
JRM_004	CAL_I1_S1	INTERNAL CALIBRATION
JRM_005	SCI_I1_S0	RADIATION
JRM_006	SCI_I1_S0	RADIATION
JRM_007	SCI_I1_S0	RADIATION
JRM_008	SCI_I1_S0	RADIATION
JRM_009	SCI_I1_S0	RADIATION
JRM_010	SCI_I1_S0	RADIATION
JRM_011	SCI_I1_S0	RADIATION
JRM_012	SCI_I1_S0	RADIATION
JRM_013	SCI_I1_S0	RADIATION
JRM_014	SCI_I1_S0	RADIATION
JRM_015	SCI_I1_S1	RADIATION+CALIBRATION
JRM_016	SCI_I1_S1	RADIATION+CALIBRATION
JRM_017	SCI_I1_S1	<b>RADIATION+CALIBRATION</b>
JRM_018	SCI_I1_S0	RADIATION
JRM_019	SCI_I1_S1	<b>RADIATION+CALIBRATION</b>
JRM_020	SCI_I1_S1	<b>RADIATION+CALIBRATION</b>
JRM_021	SCI_I1_S1	RADIATION+CALIBRATION
JRM_022	SCI_I1_S1	RADIATION+CALIBRATION
JRM_023	SCI_I1_S0	RADIATION
JRM_024	SCI_I1_S1	<b>RADIATION+CALIBRATION</b>
JRM_025	SCI_I1_S1	<b>RADIATION+CALIBRATION</b>
JRM_026	SCI_I1_S1	<b>RADIATION+CALIBRATION</b>
JRM_027	SCI_I1_S1	<b>RADIATION+CALIBRATION</b>
JRM_028	SCI_I1_S1	RADIATION+CALIBRATION
JRM_029	SCI_I1_S0	RADIATION
JRM_030	SCI_I1_S1	<b>RADIATION+CALIBRATION</b>
JRM_031	SCI_I1_S1	RADIATION+CALIBRATION
JRM_032	SCI_I1_S1	RADIATION+CALIBRATION
JRM_033	SCI_I1_S1	<b>RADIATION+CALIBRATION</b>
JRM_034	SCI_I1_S1	RADIATION+CALIBRATION
JRM_035	SCI_I1_S0	RADIATION



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JRM_036	SCI_I1_S1	RADIATION+CALIBRATION
JRM_037	SCI_I1_S1	RADIATION+CALIBRATION
JRM_038	SCI_I1_S1	RADIATION+CALIBRATION
JRM_039	SCI_I1_S1	RADIATION+CALIBRATION
JRM_040	SCI_I1_S1	RADIATION+CALIBRATION
JRM_041	SCI_I1_S0	RADIATION DADIATION (CALIDDATION)
JRM_042 JRM 043	SCI_I1_S1 SCI_I1_S1	RADIATION+CALIBRATION RADIATION+CALIBRATION
JRM 044	SCI_I1_S1	RADIATION+CALIBRATION RADIATION+CALIBRATION
JRM 045	SCI_I1_S1	RADIATION CALIBRATION RADIATION+CALIBRATION
JRM 046	SCI_I1_S1	RADIATION+CALIBRATION
	SCI_I1_S0	RADIATION
JRM_048	SCI_I1_S1	RADIATION+CALIBRATION
JRM_049	SCI_I1_S1	RADIATION+CALIBRATION
JRM_050	SCI_I1_S1	RADIATION+CALIBRATION
JRM_051	SCI_I1_S1	RADIATION+CALIBRATION
JRM_052	SCI_I1_S0	RADIATION
JRM_053	SCI_I1_S1	RADIATION+CALIBRATION
JRM_054	SCI_I1_S1	RADIATION+CALIBRATION
JRM_055	SCI_I1_S0	RADIATION
JRM_056	SCI_I1_S1	RADIATION+CALIBRATION
JRM_057	SCI_I1_S1	RADIATION+CALIBRATION
JRM_058	SCI_I1_S0	RADIATION
JRM_059	SCI_I1_S1	RADIATION+CALIBRATION
JRM_060	SCI_I1_S0	RADIATION
JRM_061	SCI_I1_S1	RADIATION+CALIBRATION
JRM_062	SCI_I1_S0	RADIATION
JRM_063	SCI_I1_S1	RADIATION
JRM_064	SCI_I2_S1	NORTH POLE
JRM_065	SCI_I2_S1	NORTH POLE
JRM_066	SCI_I2_S1	NORTH POLE
JRM_067	SCI_I2_S1	NORTH POLE
JRM_068	SCI_I2_S1	NORTH POLE
JRM_069	SCI_I2_S1	NORTH POLE
	SCI_I2_S1	NORTH POLE
	SCI_I2_S1	LIMB
	SCI_I2_S1	LIMB
	SCI_I2_S1	LIMB
JRM_074	SCI_I2_S1	LIMB
JRM_075	SCI_I2_S1	LIMB
JRM_076	SCI_12_S1	LIMB
JRM_077	SCI_12_S1	LIMB
JRM_078	SCI_12_S1	LIMB
JRM_079	SCI_12_51	IO, EUROPA FOOTPRINT SOUTH
JRM_080	SCI_13_S1	GANYMEDE FOOTPRINT SOUTH
JRM_081	SCI_13_51 SCI_12_51	SOUTH POLE
JRM_081	SCI_12_51 SCI_12_51	SOUTH POLE
JRM_083	SCI_I2_S1	SOUTH AURORA
JRM_084	SCI_I3_S1	SOUTH AURORA

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			<b>D</b> /			_
JRM_085	SCI_I3_S1	SOUTH AURO				
JRM_086	SCI_I3_S1	SOUTH AURO				
JRM_087	SCI_I3_S1	CI_I3_S1 SOUTH AURORA				
JRM_088	SCI_I3_S1	CI_I3_S1 SOUTH AURORA				
JRM_089	SCI_I3_S1	CI_I3_S1 SOUTH AURORA				
JRM_090	SCI_I3_S1	SOUTH AURO	RA			
JRM_091	SCI_I3_S1	SOUTH AURO	RA			
JRM_092	SCI_I3_S1	SOUTH AURO	RA			
JRM_093	SCI_I2_S1	ATMOSPHE	RE			
JRM_094	SCI_I2_S1	ATMOSPHEI	RE			
JRM_095	SCI_I2_S1	ATMOSPHE	RE			
JRM_096	SCI_I2_S1	ATMOSPHE	RE			
JRM_097	SCI_I2_S1	ATMOSPHE	RE			
JRM_098	SCI_I2_S1	ATMOSPHEI	RE			
JRM_099	SCI_I2_S1	ATMOSPHE	RE			
JRM_100	CAL_I1_S1	INTERNAL CALIB	RATION			

Table 1: Scientific Goals

## **6 DATA COLLECTION OVERVIEW**

Below is a table that gives an overview of the data collected during the activity period JM0131. The table describes, for each science block in the commanding file, the programmed operational modes and the data actually collected.

JRM (sasf)	Operational Mode	Observations	Packets Retrived	Packets Exepected	Missing Observations SPE	Missing Observations IMG
JRM_004	CAL_I1_S1	6 IMG 6 SPE	72	72	0	0
JRM_005	SCI_I1_S0	3 IMG	18	18	N/A	0
JRM_006	SCI_I1_S0	3 IMG	18	18	N/A	0
JRM_007	SCI_I1_S0	3 IMG	18	18	N/A	0
JRM_008	SCI_I1_S0	3 IMG	18	18	N/A	0
JRM_009	SCI_I1_S0	3 IMG	18	18	N/A	0
JRM_010	SCI_I1_S0	3 IMG	18	18	N/A	0
JRM_011	SCI_I1_S0	3 IMG	18	18	N/A	0
JRM_012	SCI_I1_S0	3 IMG	18	18	N/A	0
JRM_013	SCI_I1_S0	3 IMG	18	18	N/A	0

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JRM_014	SCI_I1_S0	3 IMG	18	18	N/A	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_11_S1	3 IMG 3 SPE	36	36	0	0
JRM_018	SCI_I1_S0	3 IMG	18	18	N/A	0
JRM_019	SCI_11_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_S0	3 IMG	18	18	N/A	0
JRM_024	SCI_I1_S1	3 IMG 3 SPE	36	36	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_S0	3 IMG	18	18	N/A	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_S0	3 IMG	18	18	N/A	0
JRM_036	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
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_S0	3 IMG	18	18	N/A	0

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JRM_042	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_043	SCI_I1_S1	3 IMG	36	36	0	0
JRM_044	SCI_I1_81	3 SPE 3 IMG	36	36	0	0
JRM_045	SCI_11_81	3 SPE 3 IMG	36	36	0	0
JKM_045	561_11_51	3 SPE	50	50	U	U
JRM_046	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_047	SCI_I1_S0	3 IMG	18	18	N/A	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	36	36	0	0
JRM_051	SCI_11_S1	3 SPE 3 IMG	36	36	0	0
JRM_052	SCI_I1_S0	3 SPE 3 IMG	18	18	N/A	0
JRM_053	SCI_I1_S1	3 IMG	36	36	0	0
JRM_054	SCI_11_S1	3 SPE 3 IMG	36	36	0	0
JRM_055	SCI_I1_S0	3 SPE 3 IMG	18	18	N/A	0
JRM_056	SCI_11_S1	3 IMG	36	36	0	0
JRM_057	SCI_11_S1	3 SPE 3 IMG	36	36	0	0
JRM_058	SCI_11_S0	3 SPE 3 IMG	18	18	N/A	0
JRM_059	SCI_I1_S1	3 IMG 3 SPE	36	36	0	0
JRM_060	SCI_I1_S0	3 SPE 3 IMG	18	18	N/A	0
JRM_061	SCI_I1_S1	3 IMG	36	36	0	0
JRM_062	SCI_11_S0	3 SPE 3 IMG	18	18	N/A	0
JRM_063	SCI_I1_S1	3 IMG	36	36	0	0
JRM_064	SCI_I2_S1	3 SPE 30 IMG 30 SPE	270	270	0	0
JRM_065	SCI_I2_S1	24 IMG 24 SPE	216	216	0	0
JRM_066	SCI_I2_S1	10 IMG 10 SPE	90	90	0	0
JRM_067	SCI_I2_S1	7 IMG 7 SPE	63	63	0	0
JRM_068	SCI_I2_S1	7 STE 7 IMG 7 SPE	63	63	0	0
JRM_069	SCI_I2_S1	7 IMG 7 SPE	63	63	0	0

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JRM_070	SCI_I2_S1	6 IMG 6 SPE	54	54	0	0
JRM_071	SCI_I2_S1	30 IMG	270	270	0	0
_		<b>30 SPE</b>				-
JRM_072	SCI_I2_S1	26 IMG	240	240	0	0
_		26 SPE				
JRM_073	SCI_I2_S1	27 IMG	243	243	0	0
		27 SPE				
JRM_074	SCI_I2_S1	27 IMG	243	243	0	0
		27 SPE				
JRM_075	SCI_I2_S1	27 IMG	243	243	0	0
		27 SPE				
JRM_076	SCI_I2_S1	27 IMG	243	243	0	0
		27 SPE				
JRM_077	SCI_I2_S1	27 IMG	243	243	0	0
		27 SPE				
JRM_078	SCI_I2_S1	24 IMG	216	216	0	0
IDM 070	0.01 12 01	24 SPE	100	100	0	0
JRM_079	SCI_I3_S1	21 IMG	189	189	0	0
JRM_080	SCI_I3_S1	21 SPE 21 IMG	189	189	0	0
JKW1_000	SCI_15_S1	21 IMG 21 SPE	189	109	U	U
JRM 081	SCI_I2_S1	5 IMG	45	45	0	0
5KWI_001	501_12_51	5 SPE	43	43	U	U
JRM_082	SCI_I2_S1	5 IMG	45	45	0	0
01111_002	561_12_51	5 SPE	-15	45	v	Ū
JRM_083	SCI_I3_S1	10 IMG	90	90	0	0
		10 SPE	10	20	Ŭ	Ŭ
JRM_084	SCI_I3_S1	10 IMG	90	90	0	0
_		10 SPE				_
JRM_085	SCI_I3_S1	10 IMG	90	90	0	0
		10 SPE				
JRM_086	SCI_I3_S1	10 IMG	90	90	0	0
		10 SPE				
JRM_087	SCI_I3_S1	10 IMG	90	90	0	0
		10 SPE				
JRM_088	SCI_I3_S1	9 IMG	81	81	0	0
		9 SPE				
JRM_089	SCI_I3_S1	9 IMG	81	81	0	0
IDM 000		9 SPE	01	01	0	0
JRM_090	SCI_I3_S1	8 IMG	81	81	0	0
JRM_091	SCI_I3_S1	8 SPE 7 IMG	63	63	0	0
JKWI_091	SCI_15_S1	7 ING 7 SPE	03	03	U	U
JRM_092	SCI 13 S1	2 IMG	63	63	0	0
5KWI_072	501_15_51	2 INIG 2 SPE	05	05	U	U
JRM_093	SCI_I2_S1	2 ST E	243	243	0	0
	~~	27 INIG 27 SPE	275	275	v	v
JRM_094	SCI_I2_S1	27 STE 27 IMG	243	243	0	0
		27 INIG 27 SPE			~	Ŭ
JRM_095	SCI_I2_S1	27 IMG	243	243	0	0
_		27 SPE			-	Ť
JRM_096	SCI_I2_S1	27 IMG	243	243	0	0
_		27 SPE				
JRM_097	SCI_I2_S1	27 IMG	243	243	0	0
		27 SPE				

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JRM_098	SCI_I2_S1	27 IMG	243	243	0	0
		27 SPE				
JRM_099	SCI_I2_S1	3 IMG	27	27	0	0
		3 SPE				
JRM_100	CAL_I1_S1	6 IMG	72	72	0	0
		6 SPE				

Table 2: Data Overview





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# A.1 Commanding file (SASF)

CCSD3ZF000010000001NJPL3KS0L015\$\$MARK\$\$; MISSION NAME = JUNO; SPACECRAFT NAME = JUNO; DATA SET ID = SPACECRAFT ACTIVITY SEQUENCE JRM; FILE NAME = jm0141 JRMa.sasf; APPLICABLE\_START\_TIME = 2018-196T05:00:00.000; APPLICABLE\_STOP\_TIME = 2018-222T15:00:00.000; PRODUCT CREATION TIME = 2018-164T12:00:00.000; PRODUCER\_ID = JRMTEAM; SEQ\_ID = jm0141\_JRMa; HOST\_ID = JRM\_CMD\_141\_141\_V02.jrm; CCSD3RE00000\$\$MARK\$\$NJPL3IF0M0130000001; SPACECRAFT ACTIVITY SEQUENCE FILE \$\$JNO \* PROJECT JNO \*SPACECRAFT 61 \*OPERATOR JRMTEAM \*FILE\_CMPLT TRUE \*DATE Wed Jun 13 12:00:00 2018 \*BEGIN 2018-196T05:00:00.000 2018-222T15:00:00.000 >:u=222T15
i=1E jm0141\_JRMa
\*EPOCHS\_DEF
\*im0141 \*CUTOFF \*jm0141 JRM, 2018-196T05:00:00.000 \*EPOCHS END \*Input files used: \*File Type Last modified File name \*PACKETS NUMBER 7362 \*\*\*\*\*\* \*\*\*\*\* \$\$EOH ŚŚEOD request(JRM\_Sequence\_Management\_Request, START\_TIME, 2018-196T05:00:00.000, 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, 2030-001T00:00.000, "ABSLTE", "jm0141 JRM", "jm0141 JRM.abs", "d:/seq") command(2, SCHEDULED TIME, \00:00:30\, FROM PREVIOUS START, FILE DELETE("d:/seq/jm0141 JRM.abs") ) command(3, SCHEDULED TIME, \026T09:59:58\, FROM REQUEST START, VM\_LOAD(20,"d:/seq/jm0142\_JRM.abs") ), end; request(JRM 001, START\_TIME,2018-196T07:25:04.000, TITLE, "jm0141\_JRM\_Heater\_Op", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No Key") command(1, SCHEDULED\_TIME,\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, 2018-196T12:46:04.000,
                  TITLE, "jm0141_JRM-POWER_ON",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
            spawn(1,
                  SCHEDULED TIME, \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, 2018-196T12:48:47.000,
                  TITLE, "jm0141 JRM StandBy",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME,\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 12 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,2018-196T12:48:59.000,
                  TITLE, "jm0141_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, 2018-196T12:58:15.000,
                    TITLE, "jm0141 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                  SCHEDULED TIME, \00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
             ),
          command(5,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
          command (8.
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(11,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
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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 14 001 Approach 2018-196T12:58:15.000"\
              ),
 end;
request(JRM 006,
                   START_TIME,2018-196T17:13:15.000,
                   TITLE, "jm0141_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM SET PAR(92,153)
             ),
         command(2,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED_SCI")
             ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
            ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
         command (5.
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command (9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S0",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(11,
```

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	e solo	Issue	sue 1.0 27/08/19		8/19
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SCHEDULED_TIME JRM SCIENCE()	,\00:00:02FROM_PREVIOUS_START,				
	,\00:01:12FROM_PREVIOUS_START,				
	,\00:00:04FROM_PREVIOUS_START,				
JRM_SET_PAR(92 ), command(14, SCHEDULED TIME	,8174) ,\00:00:04FROM PREVIOUS_START,				
JRM_ERROR_LOG(), note(1,	)				
	E,\00:00:04FROM_PREVIOUS_START, ion_Sequence_14_002_GoodPxMap_2018-196T17:13	:15.000"\			
request(JRM 007,					
START_TIME,20					
KEY, "No_Key") command(1, SCHEDULED_TIME,\00:00:00FROM_REQUEST_START, JRM_SET_PAR(92,153)					
), command(2,	,\00:00:04FROM_PREVIOUS_START,				
JRM_SCI_PAR("SCI_I1_S0",1,1,0, ,28991,5000,5000,"LOW","LOW","	"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",( POINT",-57025,"NO_SUMMED_SCI")	),0,0,0,"L	OW","I	OW",'	'POINT"
JRM_GET_PAR(60	<pre>,\00:00:04FROM_PREVIOUS_START, 00)</pre>				
), command(4, SCHEDULED_TIME JRM_START_HS_R	<pre>,\00:00:04FROM_PREVIOUS_START, EC()</pre>				
), command(5, SCHEDULED_TIME JRM SCIENCE()	,\00:00:02FROM_PREVIOUS_START,				
), command(6, SCHEDULED_TIME	,\00:01:12FROM_PREVIOUS_START,				
,28991,5000,5000,"LOW","LOW","	"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",( POINT",-57025,"NO_SUMMED_SCI")	),0,0,0,"L	OW","I	.OW",'	'POINT"
JRM_GET_PAR(60	<pre>,\00:00:04FROM_PREVIOUS_START, 00)</pre>				
), command(8, SCHEDULED_TIME JRM_SCIENCE()	,\00:00:02FROM_PREVIOUS_START,				
), command(9, SCHEDULED_TIME	,\00:01:12FROM_PREVIOUS_START,				
JRM_SCI_PAR("SCI_I1_S0",1,1,0, ,28991,5000,5000,"LOW","LOW"," ),	"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",( POINT",-57025,"NO_SUMMED_SCI")	),0,0,0,"L	OW","I	OW",'	'POINT"
command(10, SCHEDULED_TIME JRM_GET_PAR(60	<pre>,\00:00:04FROM_PREVIOUS_START, 00)</pre>				
),					

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Jur		e soho	Issue	1.0	27/0	8/19
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¢	command(11, SCHEDULED_TIM JRM SCIENCE()	E,\00:00:02FROM_PREVIOUS_START,				
(	), command(12, SCHEDULED_TIM	E,\00:01:12FROM_PREVIOUS_START,				
(		E,\00:00:04FROM_PREVIOUS_START,				
(	JRM_SET_PAR(9) ), command(14, SCHEDULED TIM	2,8174) E,\00:00:04FROM PREVIOUS START,				
	JRM_ERROR_LOG ), note(1,	()				
end;		<pre>ME,\00:00:04FROM_PREVIOUS_START, tion_Sequence_14_003_GoodPxMap_2018-196T</pre>	17:18:15.000"\			
request(J		VC2",				
0	command(1,	e,\00:00:00FROM_REQUEST_START,				
(	command(2,	E,\00:00:04FROM_PREVIOUS_START,				
		,"IDIS_SDIS","HSSL","ENABLE","RN","DISAE "POINT",-57025,"NO_SUMMED_SCI")	BLE",0,0,0,0,0,"L	OW","I	JOW",'	'POINT"
(	command(3, SCHEDULED_TIM JRM_GET_PAR(6)	E,\00:00:04FROM_PREVIOUS_START, 000)				
c.	JRM_START_HS_1	E,\00:00:04FROM_PREVIOUS_START, REC()				
(	JRM_SCIENCE()	E,\00:00:02FROM_PREVIOUS_START,				
C	), command(6, SCHEDULED_TIM	E,\00:01:12FROM_PREVIOUS_START,				
		,"IDIS_SDIS","HSSL","ENABLE","RN","DISAE "POINT",-57025,"NO_SUMMED_SCI")	BLE",0,0,0,0,0,"L	OW","I	JOW",'	'POINT"
0	command(7,	E,\00:00:04FROM_PREVIOUS_START, 000)				
(	command(8,	E,\00:00:02FROM_PREVIOUS_START,				
C	command(9,	E,\00:01:12FROM_PREVIOUS_START,				
		,"IDIS_SDIS","HSSL","ENABLE","RN","DISAE "POINT",-57025,"NO_SUMMED_SCI")	BLE",0,0,0,0,"L	OW","I	JOW",'	'POINT"
(	command(10,	E.\00:00:04\.FROM PREVIOUS START.				

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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_14_004_GoodPxMap_2018-196T17:23:15.000"\
             ),
 end;
request(JRM 009,
                  START_TIME,2018-196T17:28:15.000,
                  TITLE, "jm0141 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
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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 14 005 GoodPxMap 2018-196T17:28:15.000"\
              ),
 end:
request(JRM_010,
                    START_TIME,2018-196T17:33:15.000,
                    TITLE, "jm0141 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
             ),
          command(4.
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
             ),
          command(5,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
             ),
          command(10,
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	e Suha	Issue	1.0	27/08	8/19
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JRM_GET_PAR	IME,\00:00:04FROM_PREVIOUS_START, (6000)				
), command(11, SCHEDULED_T: JRM_SCIENCE	<pre>IME, \00:00:02 FROM_PREVIOUS_START, ()</pre>				
JRM_STOP_HS	IME,\00:01:12FROM_PREVIOUS_START, _REC()				
JRM_SET_PAR	IME,\00:00:04FROM_PREVIOUS_START, (92,8174)				
), command(14, SCHEDULED_T: JRM_ERROR_L( ),	<pre>IME, \00:00:04 FROM_PREVIOUS_START, OG()</pre>				
note(1, SCHEDULED_1	TIME,\00:00:04FROM_PREVIOUS_START, iation_Sequence_14_006_GoodPxMap_2018-196	F17:33:15.000"∖			
end;					
TITLE, "jm( REQUESTOR, PROCESSOR, KEY, "No_Ke command(1,	"VC2",				
JRM_SET_PAR ), command(2,					
JRM SCI PAR("SCI I1 S0",1,1	,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISA ","POINT",-57025,"NO_SUMMED_SCI")	BLE",0,0,0,0,"I	OW","]	LOW","	POINT"
), command(3,	IME,\00:00:04FROM_PREVIOUS_START,				
), command(4, SCHEDULED_T: JRM_START_H:	IME,\00:00:04FROM_PREVIOUS_START,				
), command(5, SCHEDULED_T: JRM_SCIENCE ),	<pre>IME,\00:00:02FROM_PREVIOUS_START, ()</pre>				
command(6,	IME,\00:01:12FROM_PREVIOUS_START,				
,28991,5000,5000,"LOW","LOW	,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISA ","POINT",-57025,"NO_SUMMED_SCI")	BLE",0,0,0,0,0,"I	OW","]	LOW","	POINT"
JRM_GET_PAR	IME,\00:00:04FROM_PREVIOUS_START, (6000)				
), command(8, SCHEDULED_T: JRM_SCIENCE ),	<pre>IME, \00:00:02 FROM_PREVIOUS_START, ()</pre>				
command(9,	IME,\00:01:12FROM_PREVIOUS_START,				
JRM SCI PAR("SCI I1 S0",1,1	A REDIG ODION RUGGIN NEWSDIEN NEWS NEIS				

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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 14 007 GoodPxMap 2018-196T17:38:15.000"\
              ),
 end;
request(JRM 012,
                   START_TIME,2018-196T17:43:15.000,
                   TITLE, "jm0141_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                   SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
```

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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_14_008_GoodPxMap_2018-196T17:43:15.000"\
              ),
 end;
request(JRM 013,
                   START TIME, 2018-196T17:48:15.000,
                   TITLE, "jm0141 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                  SCHEDULED TIME, \00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command (9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
```

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```
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
             ),
          command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_ERROR_LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation_Sequence_14_009_GoodPxMap_2018-196T17:48:15.000"\
              ),
 end;
request(JRM 014,
                   START_TIME,2018-196T17:53:15.000,
                   TITLE, "jm0141_JRM_Science",
                   REQUESTOR, "JRMTEAM",
                   PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED_TIME,\00:00\,FROM_REQUEST_START,
                  JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
          command(6,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(9,
```

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SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
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JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10.
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
          command(11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
             ),
          command (12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
             ),
          command (13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
             ),
          command(14,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation_Sequence_14_010_GoodPxMap_2018-196T17:53:15.000"\
              ),
 end;
request(JRM_015,
                    START_TIME,2018-196T19:28:00.000,
                    TITLE, "jm0141 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                  SCHEDULED TIME, \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,								

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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_016,
                  START_TIME,2018-196T19:38:00.000,
                  TITLE, "jm0141 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \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,2018-196T19:48:00.000,
                   TITLE, "jm0141 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED TIME, \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, \"RAD+CAL"\
             ),
 end;
request(JRM 018,
                  START_TIME,2018-196T19:58:15.000,
                  TITLE, "jm0141_JRM_Science",
                  REQUESTOR, "JRMTEAM",
                  PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM SCI PAR("SCI I1 S0",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
           ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                JRM START HS REC()
            ),
         command (5,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(6,
                SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S0",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
```

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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_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
         command(11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
             ),
         command (13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
             ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation_Sequence_14_011_Approach_2018-196T19:58:15.000"\
              ),
 end;
request(JRM 019,
                   START_TIME,2018-196T20:08:00.000,
                   TITLE, "jm0141_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED_TIME,\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,2018-196T20:18:00.000,
                   TITLE, "jm0141 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                  SCHEDULED_TIME, \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, 2018-196T20:38:00.000,
                   TITLE, "jm0141 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, 2018-196T20:48:00.000,
                   TITLE, "jm0141 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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                                                         3DS
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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,2018-196T20:58:15.000,
                  TITLE, "jm0141_JRM_Science",
                  REQUESTOR, "JRMTEAM",
                  PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S0",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
```

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JUNO/JIRAM Page command (7, SCHEDULED TIME, \00:00:04\, FROM\_PREVIOUS\_START, JRM GET PAR(6000) ), command(8, SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START, JRM SCIENCE() ), command(9, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM\_SCI\_PAR("SCI\_I1\_S0",1,1,0,"IDIS\_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO\_SUMMED\_SCI") ), command(10. SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM GET PAR(6000) ), command(11, SCHEDULED TIME, \00:00:02\, FROM\_PREVIOUS\_START, JRM SCIENCE() ), command (12. SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM\_STOP\_HS\_REC() ), command(13, SCHEDULED TIME,\00:00:04\,FROM\_PREVIOUS\_START, JRM SET PAR(92,8174) ), command(14, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM ERROR LOG() ), note(1, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, TEXT, \"Radiation\_Sequence\_14\_012\_Approach\_2018-196T20:58:15.000"\ ), end; request(JRM 024, START TIME, 2018-196T21:08:00.000, TITLE, "jm0141\_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 025,
                  START_TIME, 2018-196T21:18:00.000,
                  TITLE, "jm0141 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")

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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_026,
                   START_TIME,2018-196T21:28:00.000,
                   TITLE, "jm0141 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
         command(1,
                  SCHEDULED TIME, \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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JRM_SCI_PAR("SCI_I1_S1",1,1,0,"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,
```

SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,

command(II, 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() ),

SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,

JRM\_SCIENCE()

),

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note(1,
                    SCHEDULED TIME, \00:00:04 \, FROM PREVIOUS START,
                    TEXT, \"RAD+CAL" \
              ),
 end;
request(JRM_027,
                    START_TIME,2018-196T21:38:00.000,
                    TITLE, "jm0141_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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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 028,
                   START_TIME,2018-196T21:48:00.000,
                   TITLE, "jm0141 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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1		<pre>%oho</pre>	Issue	1.0	27/08	8/19		
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	,							
	), command(6, SCHEDULED_TIME,	\00:01:12FROM_PREVIOUS_START,						
		'IDIS_SDIS","HSSL","ENABLE","RN","DIS. POINT",-57025,"NO SUMMED SCI")	ABLE",0,0,0,0,"I	LOW","I	OW","	POINT"		
, 20002,	),	, , , , , , , , , , , , , , , , , , , ,						
	JRM_GET_PAR(600	<pre>\00:00:04FROM_PREVIOUS_START, 00)</pre>						
	), command(8,							
	SCHEDULED_TIME, JRM SCIENCE()	<pre>\00:00:02FROM_PREVIOUS_START,</pre>						
	),							
	command(9, SCHEDULED TIME,	\00:01:12FROM PREVIOUS START,						
TDM AGT	-				oran	DOTME		
		'IDIS_SDIS","HSSL","ENABLE","RN","DIS. POINT",-57025,"NO_SUMMED_SCI")	ABLE", 0, 0, 0, 0, 0, "1	10w.,.1	.ow.,.	POINT		
	command(10,							
	JRM_GET_PAR(600	<pre>\00:00:04FROM_PREVIOUS_START, 00)</pre>						
	), command(11,							
	SCHEDULED_TIME, JRM_SCIENCE()	<pre>\00:00:02FROM_PREVIOUS_START,</pre>						
	), command(12,							
		\00:01:12FROM_PREVIOUS_START,						
	JRM_STOP_HS_REC ),							
	command (13,	\00:00:04FROM PREVIOUS START,						
	JRM_SET_PAR(92,							
	), command(14,							
	SCHEDULED_TIME,	\00:00:04FROM_PREVIOUS_START,						
	<pre>JRM_ERROR_LOG() ),</pre>							
	note(1,							
	TEXT,\"RAD+CAI	C,\00:00:04FROM_PREVIOUS_START, 						
end;	),							
request	(JRM_029, START TIME,201	.8-196T21:58:15.000,						
		_JRM_Science",						

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REQUESTOR, "JRMTER
PROCESSOR, "VC2",
                               JRMTEAM",
                 KEY, "No_Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM_SET_PAR(92,153)
            ),
         JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
           ),
         command(3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_GET_PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(5,
```

SCHEDULED\_TIME, \00:00:02\, FROM\_PREVIOUS\_START,

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                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command (10.
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
             ),
          command(11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command (12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
          command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation_Sequence_14_013_Approach_2018-196T21:58:15.000"\
              ),
 end;
request(JRM 030,
                   START_TIME,2018-196T22:08:00.000,
                   TITLE, "jm0141 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM SET \overline{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, \"RAD+CAL" \
              ),
 end;
request(JRM_031,
                   START_TIME, 2018-196T22:18:00.000,
                   TITLE, "jm0141 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \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 032,
                   START TIME, 2018-196T22:28:00.000,
                   TITLE, "jm0141 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 033,
                   START TIME, 2018-196T22:38:00.000,
                   TITLE, "jm0141 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, \"RAD+CAL"\
             ),
 end;
request(JRM 034,
                  START_TIME, 2018-196T22:48:00.000,
                  TITLE, "jm0141_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                  SCHEDULED_TIME,\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 035,
                  START_TIME,2018-196T22:58:15.000,
                  TITLE, "jm0141_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
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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_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
           ),
         command (7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command (12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_SET_PAR(92,8174)
            ),
         command(14,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Radiation_Sequence_14_014_Approach_2018-196T22:58:15.000"\
              ),
 end;
request(JRM_036,
                  START_TIME,2018-196T23:08:00.000,
                  TITLE, "jm0141_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\_037, START\_TIME,2018-196T23:18:00.000, TITLE, "jm0141\_JRM\_Science", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No Key") command(1, SCHEDULED\_TIME,\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 038,
                   START_TIME,2018-196T23:28:00.000,
                   TITLE, "jm0141_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1.
                  SCHEDULED TIME, \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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	««Joho	Issue	1.0	1.0 27/08/19		
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SCHEDULED_TIME, JRM GET PAR(600	<pre>\00:00:04FROM_PREVIOUS_START, 0)</pre>					
JRM_START_HS_RE	<pre>\00:00:04FROM_PREVIOUS_START, C()</pre>					
), command(5, SCHEDULED_TIME, JRM_SCIENCE() ),	\00:00:02FROM_PREVIOUS_START,					
command(6,	\00:01:12FROM_PREVIOUS_START,					
JRM_SCI_PAR("SCI_I1_S1",1,1,0,",28991,5000,5000,"LOW","LOW","LOW","E	IDIS_SDIS","HSSL","ENABLE","RN","DISAB OINT",-57025,"NO_SUMMED_SCI")	BLE",0,0,0,0,"I	JOW","I	JOW",	"POINT"	
JRM_GET_PAR(600	<pre>\00:00:04FROM_PREVIOUS_START, 0)</pre>					
JRM_SCIENCE()	\00:00:02FROM_PREVIOUS_START,					
), command(9, SCHEDULED_TIME,	\00:01:12FROM_PREVIOUS_START,					
<pre>JRM_SCI_PAR("SCI_I1_S1",1,1,0," ,28991,5000,5000,"LOW","LOW","E ),</pre>	IDIS_SDIS","HSSL","ENABLE","RN","DISAB POINT",-57025,"NO_SUMMED_SCI")	BLE",0,0,0,0,"I	LOW","I	JOW",	"POINT"	
command(10,	<pre>\00:00:04FROM_PREVIOUS_START, 0)</pre>					
command(11, SCHEDULED_TIME, JRM_SCIENCE()	\00:00:02FROM_PREVIOUS_START,					
JRM_STOP_HS_REC	<pre>\00:01:12FROM_PREVIOUS_START, ()</pre>					
JRM_SET_PAR(92,	<pre>\00:00:04FROM_PREVIOUS_START, 8174)</pre>					
JRM_ERROR_LOG()	\00:00:04FROM_PREVIOUS_START,					
TEXT, \"RAD+CAL	,\00:00:04FROM_PREVIOUS_START, "\					
), end;						

```
START_TIME, 2018-196T23:38:00.000,
TITLE, "jm0141_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 040, START\_TIME, 2018-196T23:48:00.000, TITLE, "jm0141 JRM Science", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No Key") command(1, SCHEDULED TIME, \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_041,
                  START TIME, 2018-196T23:58:15.000,
                  TITLE, "jm0141 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_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command (7.
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_GET_PAR(6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command (10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
          command (12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
          command (13,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_SET_PAR(92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
                    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                    TEXT, \"Radiation Sequence 14 015 Approach 2018-196T23:58:15.000"\
              ),
 end;
request(JRM 042,
                    START_TIME,2018-197T00:08:00.000,
                    TITLE, "jm0141 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,
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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 043,
                  START TIME, 2018-197T00:18:00.000,
                  TITLE, "jm0141_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,

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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, \"RAD+CAL" \
             ),
 end:
request(JRM 044,
                  START_TIME,2018-197T00:28:00.000,
                  TITLE, "jm0141_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_045,
                   START_TIME,2018-197T00:38:00.000,
                   TITLE, "jm0141_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, \"RAD+CAL"\
              ),
 end;
request(JRM_046,
                   START_TIME,2018-197T00:48:00.000,
                   TITLE, "jm0141 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(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, \"RAD+CAL" \
              ),
 end;
request(JRM_047,
                   START_TIME,2018-197T00:58:15.000,
                   TITLE, "jm0141 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(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ).
         command (3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command (4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command (7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command (9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SET PAR(92,8174)
            ),
         command(14,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Radiation Sequence 14 016 Approach 2018-197T00:58:15.000"\
             ),
 end:
request(JRM_048,
                  START TIME, 2018-197T01:08:00.000,
                  TITLE, "jm0141 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
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                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME, \00:00\, FROM_REQUEST_START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ).
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_SET_PAR(92,8174)
            ),
         command(14,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"RAD+CAL" \
             ),
 end;
request(JRM 049,
                  START TIME, 2018-197T01:18:00.000,
                  TITLE, "jm0141_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(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, \"RAD+CAL"\
              ),
 end;
request(JRM_050,
                   START_TIME,2018-197T01:28:00.000,
                   TITLE, "jm0141_JRM_Science",
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                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM_SET_PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command (9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_SET_PAR(92,8174)
            ),
         command(14,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"RAD+CAL" \
              ),
 end;
request(JRM_051,
                  START TIME, 2018-197T01:48:00.000,
```

**JIR-IAPS-SY-002-2019 JDS** 27/08/19 Issue 1.0 JUN JUNO/JIRAM Page of 93 61 TITLE, "jm0141\_JRM\_Science", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No\_Key") command(1, SCHEDULED TIME, \00:00:00\, FROM\_REQUEST\_START, JRM SET PAR(92,153) ), command(2, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM\_SCI\_PAR("SCI\_I1\_S1",1,1,0,"IDIS\_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO\_SUMMED\_SCI") ), command(3. SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM GET PAR(6000) ), command(4, SCHEDULED\_TIME, \00:00:04\, FROM\_PREVIOUS\_START, JRM START HS REC() ), command (5. SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START, JRM\_SCIENCE() ), command(6, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM\_SCI\_PAR("SCI\_I1\_S1",1,1,0,"IDIS\_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO\_SUMMED\_SCI") ), command(7, SCHEDULED\_TIME, \00:00:04\, FROM\_PREVIOUS\_START, JRM GET PAR(6000) ), command(8, SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START, JRM SCIENCE() ), command(9, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM\_SCI\_PAR("SCI\_I1\_S1",1,1,0,"IDIS\_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO\_SUMMED\_SCI") ), command(10, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM GET PAR(6000) ), command(11, SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START, JRM SCIENCE() ), command(12, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM STOP HS REC() ), command(13, SCHEDULED\_TIME, \00:00:04\, FROM\_PREVIOUS\_START, JRM SET PAR(92,8174) ), command(14. SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM ERROR LOG() ), note(1, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, TEXT, \"RAD+CAL"\ ), end;





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START_TIME,2018-197T01:58:15.000,
                   TITLE, "jm0141_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
            ),
         command(2,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
            ),
         command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ).
         command(5,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S0",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
             ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
             ),
         command(9,
                 SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
             ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
             ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SET PAR(92,8174)
            ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation_Sequence 14 017 Approach 2018-197T01:58:15.000"\
              ),
 end;
```

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request(JRM\_053, START\_TIME,2018-197T02:08:00.000, TITLE, "jm0141 JRM Science", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No Key") command(1, SCHEDULED\_TIME, \00:00:00\, FROM\_REQUEST\_START, JRM SET PAR(92,153) ), command(2, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM\_SCI\_PAR("SCI\_I1\_S1",1,1,0,"IDIS\_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO\_SUMMED\_SCI") command(3, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM\_GET\_PAR(6000) ), command(4, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM START HS REC() ), command(5, SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START, JRM SCIENCE() ), command(6, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM\_SCI\_PAR("SCI\_I1\_S1",1,1,0,"IDIS\_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO\_SUMMED\_SCI") ), command(7, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM\_GET\_PAR(6000) ), command(8, SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START, JRM SCIENCE() ), command(9, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM\_SCI\_PAR("SCI\_I1\_S1",1,1,0,"IDIS\_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO\_SUMMED\_SCI") ), command(10, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM GET PAR(6000) ), command(11, SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START, JRM SCIENCE() ), command(12, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM STOP HS REC() ), command(13, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM SET PAR(92,8174) ), command(14, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM\_ERROR\_LOG() ), note(1, SCHEDULED TIME, \00:00:04 \, FROM PREVIOUS START, TEXT, \"RAD+CAL"\ ), end;

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```
request(JRM 054,
                   START_TIME,2018-197T02:18:00.000,
                   TITLE, "jm0141_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
            ),
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
         command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED_SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
             ),
         command(12,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
            ),
         command (13,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM SET PAR(92,8174)
             ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL" \
              ),
```





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end;

```
request(JRM_055,
                   START_TIME,2018-197T02:28:15.000,
                   TITLE, "jm0141 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
            ),
         command(4.
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_START_HS_REC()
            ),
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED_SCI")
            ),
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S0",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
            ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(12,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
            ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_ERROR_LOG()
            ),
              note(1,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   TEXT, \"Radiation_Sequence_14_018_Approach_2018-197T02:28:15.000"\
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end:

```
request(JRM_056,
                   START TIME, 2018-197T02:38:00.000,
                   TITLE, "jm0141_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
         command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM SET PAR(92,153)
             ),
         command(2,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ).
         command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
            ),
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
         command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
            ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
            ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
             ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR(92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
```

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```
TEXT, \ \ RAD+CAL"
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end;
```

),

```
request(JRM 057,
                   START TIME, 2018-197T02:48:00.000,
                   TITLE, "jm0141_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM_SET_PAR(92,153)
            ),
         command(2.
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
            ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ).
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
            ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                  SCHEDULED TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
            ),
         command(11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
             ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
            ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
```

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SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,

TEXT, \"RAD+CAL"\

),

end;

```
request(JRM 058,
                    START TIME, 2018-197T02:58:15.000,
                    TITLE, "jm0141_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                   SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                   JRM_SET_PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04 \, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ),
          command(8,
                   SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                   JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
             ),
          command(11,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM_SCIENCE()
             ),
          command(12,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
             ),
          command(13,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM_SET_PAR(92,8174)
             ),
          command(14,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM_ERROR_LOG()
             ),
```

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              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT,\"Radiation_Sequence_14_019_DarkFrame_2018-197T02:58:15.000"\
              ),
 end;
request(JRM 059,
                   START_TIME,2018-197T03:06:00.000,
                   TITLE, "jm0141 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \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_060,
                  START TIME, 2018-197T03:13:15.000,
                  TITLE, "jm0141 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(3,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR(6000)
            ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command (5,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
         command(13,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SET PAR(92,8174)
            ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
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                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 14 020 DarkFrame 2018-197T03:13:15.000"\
              ),
 end;
request(JRM 061,
                   START_TIME, 2018-197T03:28:00.000,
                   TITLE, "jm0141_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET \overline{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,
```

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                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM 062,
                  START_TIME,2018-197T03:38:27.000,
                  TITLE, "jm0141 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S0",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(11,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_SET_PAR(92,8174)
            ),
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         command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04 \, FROM PREVIOUS START,
                   TEXT, \"Radiation_Sequence_14_021_RingInShadowPB_2018-197T03:38:27.000"\
              ),
 end;
request(JRM_063,
                   START_TIME,2018-197T03:48:00.000,
                   TITLE, "jm0141_JRM_Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED TIME, \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)
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),
         command(14,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_ERROR_LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM 064,
                  START_TIME,2018-197T04:04:08.000,
                  TITLE, "jm0141_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, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I2_S1",30,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,450,75,5000,"LOW","LOW
", "POINT", -57343, 75, 5000, "LOW", "LOW", "SPIN", -6101, "NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED_TIME, \00:16:13\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"North Scan" \
              ),
 end;
request(JRM_065,
                  START_TIME,2018-197T04:21:10.000,
                  TITLE, "jm0141 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM SET PAR(74,2465)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I2_S1",24,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,653,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-6604,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
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         command (5,
                  SCHEDULED_TIME, \00:13:08\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
         command(6,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04 \, FROM PREVIOUS START,
                   TEXT, \"North Scan" \
              ),
 end;
request(JRM_066,
                   START_TIME, 2018-197T04:34:41.000,
                   TITLE, "jm0141 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
         command(1,
                  SCHEDULED TIME, \00:00\, FROM REQUEST START,
                  JRM SET PAR(74,2465)
            ),
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I2_S1",10,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,201,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-3222,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
             ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
         command (5,
                  SCHEDULED TIME, \00:05:50\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
          command(6,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"North Pole"\
              ),
 end;
request(JRM 067,
                   START_TIME, 2018-197T04:41:12.000,
                   TITLE, "jm0141_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, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I2_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,423,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-6035,"NO_SUMMED_SCI")
            ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
         command(4,
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                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:04:17\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"North Pole"\
             ),
 end;
request(JRM 068,
                  START_TIME,2018-197T04:46:12.000,
                  TITLE, "jm0141_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, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI 12 S1",7,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,562,75,5000,"LOW","LOW"
, "POINT", -57343, 75, 5000, "LOW", "LOW", "SPIN", -9770, "NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (5,
                 SCHEDULED_TIME, \00:04:17\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command (6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"North Pole"\
             ),
 end;
request(JRM_069,
                  START_TIME,2018-197T04:51:12.000,
                  TITLE, "jm0141_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME,\00:00\,FROM_REQUEST_START,
                 JRM SET PAR(74,2465)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I2_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,653,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-14137,"NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
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JRM_START_HS_RE	EC ()				
), command(4, SCHEDULED_TIME, JRM SCIENCE()	\00:00:04FROM_PREVIOUS_START,				
), command (5,					
SCHEDULED_TIME, JRM_ERROR_LOG() ),	<pre>\00:04:18FROM_PREVIOUS_START,</pre>				
command(6,	<pre>\00:00:04FROM_PREVIOUS_START, C()</pre>				
	C,\00:00:04FROM_PREVIOUS_START,				
TEXT,\"North H ), end;	.ote/				
request(JRM 070,					
START_TIME,201					
KEY, "No_Key")					
command(1, SCHEDULED_TIME, JRM_SET_PAR(74,	<pre>\00:00:00FROM_REQUEST_START, 2465)</pre>				
), command(2, SCHEDULED TIME,	\00:00:04FROM PREVIOUS START,				
JRM_SCI_PAR("SCI_I2_S1",6,1,0,"	 "IDIS_SDIS","HSSL","ENABLE","DARK","DI "LOW","SPIN",-17881,"NO SUMMED SCI")	ISABLE",0,654,75	,5000,	"LOW",	"LOW"
),					
JRM_START_HS_RE	<pre>\00:00:04FROM_PREVIOUS_START, EC()</pre>				
), command(4,					
SCHEDULED_TIME, JRM_SCIENCE()	<pre>\00:00:04FROM_PREVIOUS_START,</pre>				
), command(5, SCHEDULED_TIME, JRM ERROR_LOG()	\00:03:46FROM_PREVIOUS_START,				
),					
JRM_STOP_HS_REC	<pre>\00:00:04FROM_PREVIOUS_START, C()</pre>				
	C,\00:00:04FROM_PREVIOUS_START,				
TEXT,\"North H ), end;	Pole"\				
request (JRM 071					
	.8-197T05:00:43.000, JRM_Science", MMTEAM",				
	_JRM_Science", RMTEAM", 22",				
	JRM_Science", MTEAM", 22",				
	JRM_Science", MTEAM", 22", \00:00:00FROM_REQUEST_START,				

JRM\_SCI\_PAR("SCI\_I2\_S1",30,1,0,"IDIS\_SDIS","HSSL","ENABLE","DARK","DISABLE",0,129,500,5000,"LOW","LO
W","POINT",-57343,500,5000,"LOW","LOW","SPIN",-20680,"NO\_SUMMED\_SCI")

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),
         command(3.
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
         command (5,
                  SCHEDULED TIME, \00:16:11\, FROM PREVIOUS START,
                  JRM_ERROR_LOG()
             ),
         command(6,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM STOP HS REC()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Limb"\
              ),
 end;
request(JRM_072,
                   START_TIME, 2018-197T05:17:42.000,
                   TITLE, "jm0141 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(74,2250)
             ),
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I2_S1",26,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,210,500,5000,"LOW","LO W","POINT",-57343,500,5000,"LOW","LOW","SPIN",-21423,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
         command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
             ),
         command(5,
                  SCHEDULED TIME, \00:14:07\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
          command(6,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Limb"\
              ),
 end;
request(JRM 073,
                   START_TIME,2018-197T05:32:10.000,
                   TITLE, "jm0141 JRM Science",
                   REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM SET PAR(74,2250)
            ),
         command(2,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
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JRM SCI PAR("SCI 12 S1",27,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,211,500,5000,"LOW","LO

W", "POINT", -57343, 500, 5000, "LOW", "LOW", "SPIN", -14489, "NO\_SUMMED\_SCI")

),

command(3, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM START HS REC() ), command(4, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM SCIENCE() ), command(5, SCHEDULED\_TIME, \00:14:38\, FROM\_PREVIOUS\_START, JRM\_ERROR\_LOG() ), command(6, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM\_STOP\_HS\_REC() ), note(1, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, TEXT, \"Limb"\ ), end; request(JRM 074, START\_TIME,2018-197T05:47:09.000, TITLE, "jm0141\_JRM\_Science", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No\_Key") command(1, SCHEDULED\_TIME, \00:00:00\, FROM\_REQUEST\_START, JRM SET PAR(74,2250) ), command(2, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM SCI PAR("SCI 12 S1",27,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,62,500,5000,"LOW","LOW ", "POINT", -57343, 500, 5000, "LOW", "LOW", "SPIN", -9098, "NO SUMMED SCI") ), command(3, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM\_START\_HS\_REC() ), command(4, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM SCIENCE() ), command(5, SCHEDULED TIME, \00:14:37\, FROM PREVIOUS START, JRM ERROR LOG() ), command(6, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM STOP HS REC() ), note(1, SCHEDULED\_TIME, \00:00:04\, FROM\_PREVIOUS\_START, TEXT, \"Limb"\ ), end: request(JRM 075, START\_TIME,2018-197T06:02:10.000, TITLE, "jm0141\_JRM\_Science", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No Key") command(1, SCHEDULED\_TIME, \00:00:00\, FROM\_REQUEST\_START, JRM\_SET\_PAR(74,2250)

	<b><i>c</i></b> <i>i</i> <b>aDS</b>	JIR-	JIR-IAPS-SY-002-2019			
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), command(2,						

SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,

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JRM SCI PAR("SCI 12 S1",27,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,25,500,5000,"LOW","LOW
", "POINT", -57343, 500, 5000, "LOW", "LOW", "SPIN", -7497, "NO SUMMED SCI")
           ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:14:37\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Limb"\
             ),
 end:
request(JRM 076,
                  START TIME, 2018-197T06:17:12.000,
                  TITLE, "jm0141_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME,\00:00\,FROM_REQUEST_START,
                 JRM SET PAR(74,2250)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_12_S1",27,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,17,500,5000,"LOW","LOW
", "POINT", -57343, 500, 5000, "LOW", "LOW", "SPIN", -6838, "NO SUMMED_SCI")
           ),
         command (3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command (4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command (5,
                 SCHEDULED_TIME, \00:14:37\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Limb"\
             ),
 end;
request(JRM_077,
                  START_TIME,2018-197T06:32:13.000,
                  TITLE, "jm0141 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(74,2250)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_12_S1",27,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,15,500,5000,"LOW","LOW
", "POINT", -57343, 500, 5000, "LOW", "LOW", "SPIN", -6374, "NO_SUMMED_SCI")
           ),
         command(3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
           ),
         command (4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED_TIME, \00:14:37\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
           ),
         command(6,
                 SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"Limb"\
             ),
 end;
request(JRM_078,
                  START_TIME,2018-197T06:47:15.000,
                  TITLE, "jm0141 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM SET PAR(74,2250)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I2_S1",24,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,15,500,5000,"LOW","LOW","POINT",-57343,500,5000,"LOW","LOW","SPIN",-5970,"NO_SUMMEd_SCI")
           ),
         command (3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:13:04\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Limb"\
             ),
 end;
request(JRM_079,
                  START_TIME,2018-197T07:00:47.000,
                  TITLE, "jm0141_JRM_Science",
```

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                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I3_S1",21,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,64,5000,5000,"LOW","LO
W", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -4526, "NO_SUMMED SCI")
            ),
         command(3,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED_TIME,\00:11:31\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Io Europa FP South" \
             ),
 end;
request(JRM 080,
                  START_TIME,2018-197T07:12:48.000,
                  TITLE, "jm0141_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                  SCHEDULED_TIME,\00:00\,FROM_REQUEST_START,
                 JRM SET PAR(74,0)
            ),
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I3_S1",21,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,80,5000,5000,"LOW","LO
W","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-1972,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:11:31\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Ganymede FP South" \
             ),
 end;
```

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request(JRM_081,
                  START_TIME,2018-197T07:24:50.000,
                  TITLE, "jm0141 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, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI 12 S1",5,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,416,75,5000,"LOW","LOW"
"POINT", -57343, 75, 5000, "LOW", "LOW", "SPIN", -2002, "NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:03:15\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"South pole"\
             ),
 end;
request(JRM 082,
                  START_TIME,2018-197T07:28:50.000,
                  TITLE, "jm0141_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, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I2_S1",5,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,417,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-1970,"NO SUMMED SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ).
         command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(5,
                  SCHEDULED TIME, \00:03:15\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"South pole" \
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end:

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request(JRM_083,
                  START TIME, 2018-197T07:32:51.000,
                  TITLE, "jm0141_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM SCI PAR("SCI I3 S1",10,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,348,5000,5000,"LOW","L
OW", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -3544, "NO SUMMED SCI")
           ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ).
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:05:50\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"South Aurora" \
             ),
 end;
request(JRM 084,
                  START_TIME, 2018-197T07:39:22.000,
                  TITLE, "jm0141_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI I3 S1",10,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,350,5000,5000,"LOW","L
OW", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -3419, "NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED_TIME, \00:05:50\, FROM_PREVIOUS_START,
                 JRM_ERROR_LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
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              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"South Aurora" \
              ),
 end;
request(JRM 085,
                   START_TIME,2018-197T07:45:53.000,
                   TITLE, "jm0141 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I3_S1",10,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,351,5000,5000,"LOW","L OW","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-3305,"NO_SUMMED_SCI")
            ),
         command (3.
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED_TIME, \00:05:50\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"South Aurora"\
              ),
 end;
request(JRM_086,
                   START_TIME, 2018-197T07:52:23.000,
                   TITLE, "jm0141 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED_TIME, \00:00:04 \, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I3_S1",10,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,352,5000,5000,"LOW","L
OW", "POINT", -57343,5000,5000, "LOW", "LOW", "SPIN", -3200, "NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
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JRM\_SCIENCE()

JRM ERROR LOG()

SCHEDULED TIME, \00:05:50\, FROM PREVIOUS START,

), command(5,

), command(6,

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JRM_STOP_HS_:	ME,\00:00:04FROM_PREVI REC()	OUS_START,				
), note(1, SCHEDULED_T TEXT,\"Sout:	IME,\00:00:04FROM_PREV n Aurora"\	IOUS_START,				
), end;						
	"VC2",					
command(1,	- ME,\00:00:00FROM_REQUE	ST_START,				
command(2, SCHEDULED_TI	ME,\00:00:04FROM_PREVI	OUS_START,				
<pre>JRM_SCI_PAR("SCI_I3_S1",10,1 OW","POINT",-57343,5000,5000 ),</pre>				000,50	)00 <b>,"</b> L	OW","L
SCHEDULED_TI JRM_START_HS ),	ME,\00:00:04FROM_PREVI _REC()	OUS_START,				
command(4, SCHEDULED_TI JRM_SCIENCE( ),	ME,\00:00:04FROM_PREVI )	OUS_START,				
command(5,	ME,\00:05:50FROM_PREVI G()	OUS_START,				
JRM_STOP_HS_3	ME,\00:00:04FROM_PREVI REC()	ous_start,				
), note(1, SCHEDULED_T TEXT,\"Sout:	IME,\00:00:04FROM_PREV n Aurora"\	IOUS_START,				
), end;						
_ /	"VC2",					
JRM_SET_PAR(),	ME,\00:00:00FROM_REQUE 74,0)	ST_START,				
command(2, SCHEDULED_TI	ME,\00:00:04FROM_PREVI	OUS_START,				
JRM_SCI_PAR("SCI_I3_S1",9,1, W","POINT",-57343,5000,5000, ),				00,500	0,"LO	W","LO
command(3, SCHEDULED_TII JRM_START_HS ),	ME,\00:00:04FROM_PREVI _REC()	OUS_START,				
command(4,	ME,\00:00:04FROM_PREVI )	OUS_START,				
command(5,	ME,\00:05:19FROM_PREVI	ous_start,				

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                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"South Aurora"\
             ),
 end:
request(JRM_089,
                  START_TIME,2018-197T08:11:26.000,
                  TITLE, "jm0141_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
JRM SCI PAR("SCI I3 S1",9,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,353,5000,5000,"LOW","LO
W", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -3125, "NO SUMMED SCI")
           ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command (5,
                 SCHEDULED_TIME, \00:05:19\, FROM_PREVIOUS_START,
                JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"South Aurora" \
             ),
 end;
request(JRM 090,
                  START TIME, 2018-197T08:17:27.000,
                  TITLE, "jm0141 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I3_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,353,5000,5000,"LOW","LO
W", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -2858, "NO SUMMED SCI")
           ),
         command(3.
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
```



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),
         command(5.
                  SCHEDULED TIME, \00:04:48\, FROM PREVIOUS START,
                  JRM_ERROR_LOG()
            ),
         command(6,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   TEXT, \"South Aurora"\
              ),
 end;
request(JRM 091,
                   START_TIME,2018-197T08:22:58.000,
                   TITLE, "jm0141 JRM Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I3_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,353,5000,5000,"LOW","LO
W", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", -2795, "NO SUMMED SCI")
            ),
         command(3,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:04:17\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"South Aurora" \
              ),
 end;
request(JRM 092,
                   START_TIME,2018-197T08:27:58.000,
                   TITLE, "jm0141_JRM_Science",
                  REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                   KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00\, FROM REQUEST START,
                  JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I3_S1",2,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,352,5000,5000,"LOW","LO
W","POINT",-57343,5000,5000,"LOW","LOW","SPIN",-2560,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
            ),
```

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         command (4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:01:42\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"South Aurora" \
             ),
 end;
request(JRM 093,
                  START_TIME,2018-197T08:30:29.000,
                  TITLE, "jm0141_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, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I2_S1",27,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,215,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-2907,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:14:38\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Atmosphere"\
             ),
 end;
request(JRM 094,
                  START_TIME,2018-197T08:45:31.000,
                  TITLE, "jm0141_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, \00:00:04\, FROM_PREVIOUS_START,
JRM SCI PAR("SCI 12 S1",27,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,203,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-2749,"NO SUMMED SCI")
            ),
         command(3,
```

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JRM_START_HS_	HE,\00:00:04FROM_PREVIOUS_START, REC()				
JRM_SCIENCE()	NE,\00:00:04FROM_PREVIOUS_START,				
JRM_ERROR_LOG	HE,\00:14:38FROM_PREVIOUS_START, ;()				
JRM_STOP_HS_F	ME,\00:00:04FROM_PREVIOUS_START, REC()				
TEXT, \"Atmos	ME,\00:00:04FROM_PREVIOUS_START,				
), end;					
TITLE, "jm01 REQUESTOR, " PROCESSOR, " KEY, "No_Key command(1,	VC2", ") 1E,\00:00:00FROM_REQUEST_START,				
SCHEDULED_TIM	<pre>ie,\00:00:04FROM_PREVIOUS_START, .0,"IDIS SDIS","HSSL","ENABLE","DARK","DISA</pre>	ABLE".0.193.7	75.5000	)."LOW	."LOW
	","LOW","SPIN",-2609,"NO_SUMMED_SCI")			, 2011	, 2011
JRM_START_HS_	<pre>ME,\00:00:04FROM_PREVIOUS_START, REC()</pre>				
), command(4, SCHEDULED_TIM JRM_SCIENCE()	<pre>ie,\00:00:04FROM_PREVIOUS_START,</pre>				
JRM_ERROR_LOG	NE,\00:14:38FROM_PREVIOUS_START, G()				
), command(6, SCHEDULED_TIM JRM_STOP_HS_F ),	ME,\00:00:04FROM_PREVIOUS_START, MEC()				
note(1,	ME,\00:00:04FROM_PREVIOUS_START,				
end;					
	VC2",				
command(1,	<pre>ie,\00:00:00FROM_REQUEST_START,</pre>				

JRM\_SET\_PAR(74,2465)

), command(2, SCHEDULED\_TIME,\00:00:04\,FROM\_PREVIOUS\_START,

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JRM_SCI_PAR("SCI_I2_S1",27,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,184,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-2486,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:14:38\, FROM PREVIOUS START,
                 JRM_ERROR_LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Atmosphere"\
             ),
 end;
request(JRM 097,
                  START_TIME,2018-197T09:30:37.000,
                  TITLE, "jm0141_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, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI 12 S1",27,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,176,75,5000,"LOW","LOW
", "POINT", -57343, 75, 5000, "LOW", "LOW", "SPIN", -2377, "NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:14:38\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"Atmosphere"\
             ),
 end:
request(JRM 098,
                  START_TIME,2018-197T09:45:39.000,
                  TITLE, "jm0141_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,					
	\00:00:04FROM_PREVIOUS_START,				
<pre>JRM_SCI_PAR("SCI_I2_S1",27,1,0,</pre>	,"IDIS_SDIS","HSSL","ENABLE","DARK","DIS	SABLE",0,170,7	5,5000	),"LO	W","LOW
","POINT",-57343,75,5000,"LOW",	,"LOW","SPIN",-2278,"NO_SUMMED_SCI")				
),					
command(3,					
SCHEDULED_TIME,	\00:00:04FROM_PREVIOUS_START,				
JRM_START_HS_RE	3C()				
),					
command (4,					
SCHEDULED TIME,	\00:00:04FROM PREVIOUS START,				
JRM_SCIENCE()					
),					
command(5,					
SCHEDULED_TIME,	\00:14:38FROM_PREVIOUS_START,				
JRM_ERROR_LOG()					
),					
command(6,					
SCHEDULED_TIME,	\00:00:04FROM_PREVIOUS_START,				
JRM_STOP_HS_REC	2()				
),					
note(1,					

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

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request(JRM 099,
                  START_TIME,2018-197T10:00:41.000,
                  TITLE, "jm0141_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, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_12_S1",3,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,2148,75,5000,"LOW","LOW
", "POINT", -57343, 75, 5000, "LOW", "LOW", "SPIN", -2189, "NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command (5,
                 SCHEDULED_TIME, \00:02:14\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"Atmosphere"\
             ),
 end;
request(JRM_100,
                  START_TIME,2018-197T10:03:15.000,
                  TITLE, "jm0141_JRM_Calibration",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No_Key")
```





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```
command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM CAL PAR(8,14,8,14,30,700,30,700,30,700,30,700,30,700,200,200,153,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR(6000)
            ),
         command(3,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                JRM START HS REC()
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                JRM_CALIBRATION("CAL_I1_S1","IDIS_SDIS","DISABLE",1,"LAMP_1")
            ),
         command(5,
                 SCHEDULED TIME, \00:04:00\, FROM PREVIOUS START,
                JRM_STOP_HS_REC()
            ),
         command(6,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_ERROR_LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"NaN"\
             ),
 end;
request(JRM 101,
                  START_TIME,2018-197T10:07:35.000,
                  TITLE, "jm0141_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_102,
                  START_TIME,2018-197T10:07:51.000,
                  TITLE, "jm0141_JRM_Heater_Op",
                 REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                  KEY, "No Key")
       command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 THRM_SET_PT_SEL("JIRAM_OH", "NON_OPERATIONAL")
       ),
       command(2,
                 SCHEDULED_TIME, \00:00:01\, FROM_PREVIOUS_START,
                 THRM_SET_PT_SEL("JIRAM_DECON", "NON_OPERATIONAL")
       ),
       command(3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                THRM_SET_PT_SEL("JIRAM ELECT_BP", "NON OPERATIONAL")
       ),
 end;
$ $ F O F
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