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Juno JIRAM

Report JM0281

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1 Introduction

This document describes the activities that JIRAM performed during the activity period JM0281 (PJ028), with particular attention to the comparison between the expected and returned data, keeping track of the instrument configuration with the commanding file (SASF).

2 REFERENCES

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

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Adv. Space Res. (2019) https://doi.org/10.1016/j.asr.2019.09.052

3 ACTIVITY DESCRIPTION

During the PJ028 pass, JIRAM performed coverage of the South Pole (see fig. 1 and fig. 2) and the planet's limb. Moreover, observations of Jupiter's moon Europa have also been done (not reported in the figures). Note that there is a spectral observation corresponding to each observation taken with the imager. Details about imager/spectrometer coupling and more in general about the instrument and its performance can be found in Adriani et al. (2017), Noschese et al. (2019). Due to an uncertainty in the actual pointing of the JIRAM frame (which is affected by the position of the despinning mirror at the time of the observation), the JIRAM team found that the precision of the reconstruction of the geometry of both IMG and SPE pixels should be revised by a value of no less than 0.1 degrees. We want to underline that this issue was only discovered during JM0131, when we started to do systematic limb observations near perijove (PJ) and we could compare the calculated position of the planet's limb, using the reconstructed kernels, with respect to its actual position in the image we collected with our instrument.





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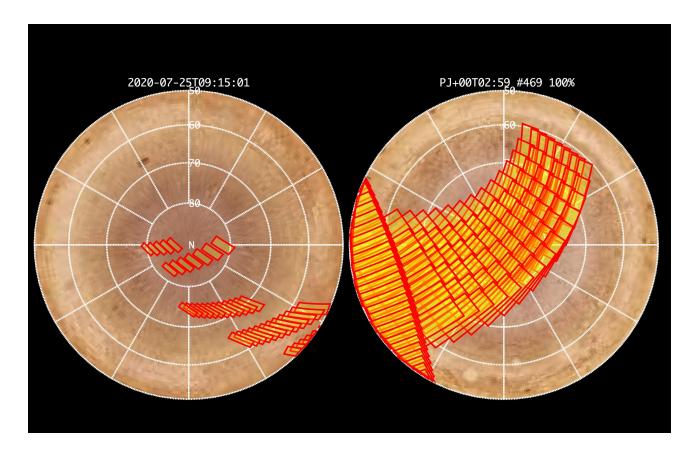


Figure 1: Simulation with JSPT (JIRAM Software Planning Tool), coverage of the South Pole with filter M. The overlapping yellow strips represent the predicted FOVs.





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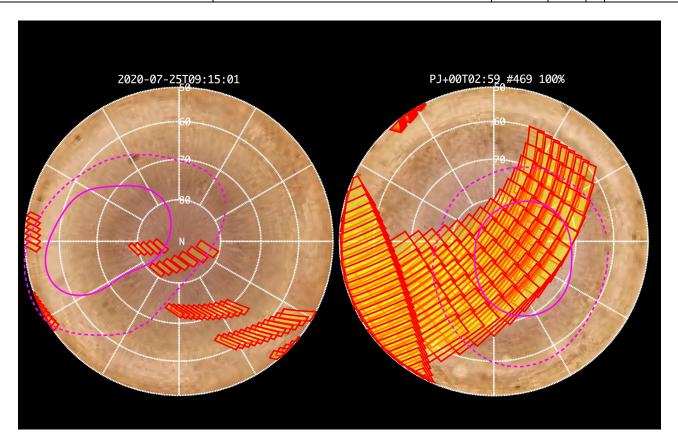


Figure 2: Simulation with JSPT. Coverage of the South Pole with filter L, the magenta line represents the theoretical position of the main auroral oval.





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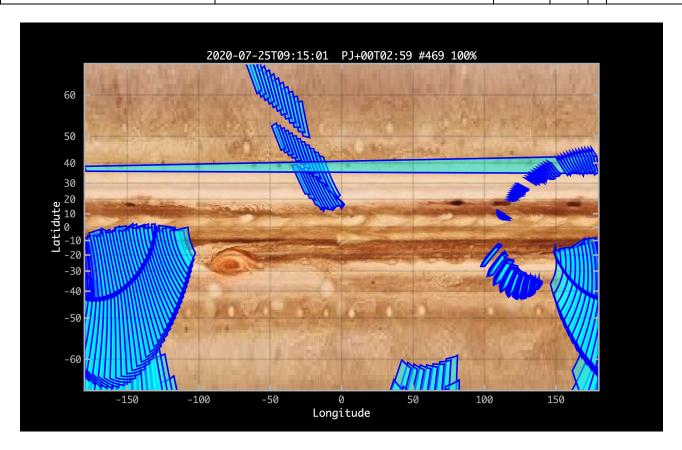


Figure 3: Atmospheric Mapping: Hot Spots - Imager filter M.

4 RADIATION SEQUENCES

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

5 SCIENTIFIC GOALS

Below is a table that describes for each science block in the commanding file the relative operational mode and the scientific objectives. The files relating to the various science blocks are shown in the file "JIR STATUS EDR 2020206T125451 V01.CSV" in the INDEX directory.





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| JRM (sasf) | Operational Mode | Goals |
|------------|---------------------|-----------------------|
| JRM_004 | CAL_I1_S1 | INTERNAL CALIBRATION |
| JRM 005 | SCI_I1_S1 | RADIATION |
| JRM_006 | SCI_I1_S1 | RADIATION |
| JRM_007 | SCI_I1_S1 | RADIATION |
| JRM_008 | SCI_I1_S1 | RADIATION |
| JRM 009 | SCI_II_S1 | RADIATION |
| JRM_010 | SCI_II_SI | RADIATION |
| JRM 011 | SCI II SI | RADIATION |
| JRM 012 | SCI II SI | RADIATION |
| JRM 013 | SCI II SI | RADIATION |
| JRM 014 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_015 | SCI II SI | RADIATION+CALIBRATION |
| JRM 016 | SCI II SI | RADIATION+CALIBRATION |
| JRM 017 | SCI_I1_S1 | RADIATION |
| JRM_018 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_019 | SCI II SI | RADIATION+CALIBRATION |
| JRM_020 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM 021 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM 022 | SCI_I1_S1 | RADIATION |
| JRM 023 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM 024 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_025 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_026 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_027 | SCI_I1_S1 | RADIATION |
| JRM 028 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_029 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_030 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_031 | SCI_I1_S1 | RADIATION |
| JRM 032 | SCI II S1 | RADIATION+CALIBRATION |
| JRM 033 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_034 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM 035 | SCI_I1_S1 | RADIATION |
| JRM 036 | SCI II SI | RADIATION+CALIBRATION |
| JRM 037 | SCI II SI | RADIATION+CALIBRATION |
| JRM 038 | SCI I1 S1 | RADIATION+CALIBRATION |
| JRM 039 | SCI I1 S1 | RADIATION+CALIBRATION |
| JRM 040 | SCI II SI | RADIATION |
| JRM_041 | SCI_II_S1 | RADIATION+CALIBRATION |
| JRM_042 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_043 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_044 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_045 | SCI_I1_S1 | RADIATION |
| JRM_046 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_047 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_048 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_049 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_050 | SCI_I1_S1 | RADIATION |





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| TD14 0#4 | 0.07.71.01 | D. D. L. D. L. G. L. T. D. L. T. C. L. |
|--------------------|------------------------|--|
| JRM_051 | SCI_I1_S1 SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_052 JRM_053 | SCI_II_SI | RADIATION+CALIBRATION RADIATION+CALIBRATION |
| JRM_054 | SCI_II_SI | RADIATION+CALIBRATION RADIATION+CALIBRATION |
| JRM_055 | SCI_II_SI SCI_II_SI | |
| JRM_056 | SCI_II_SI | RADIATION+CALIBRATION |
| | | RADIATION |
| JRM_057 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_058 | SCI_I3_S1 | RADIATION+CALIBRATION |
| JRM_059 | SCI_I3_S1 | RADIATION+CALIBRATION |
| JRM_060 | SCI_I3_S1 | RADIATION+CALIBRATION |
| JRM_061 | SCI_I1_S1 | EUROPA |
| JRM_062 | SCI_I1_S1 | EUROPA |
| JRM_063 | SCI_I1_S1 | ATMOSPHERE |
| JRM_064 | SCI_I1_S1 | ATMOSPHERE |
| JRM_065 | SCI_I1_S1 | ATMOSPHERE |
| JRM_066 | SCI_I1_S1 | ATMOSPHERE |
| JRM_067 | SCI_I1_S1 | NORTH POLE |
| JRM_068 | SCI_I1_S1 | NORTH POLE |
| JRM_069 | SCI_I1_S1 | EUROPA, IO FOOTPRINT NORTH |
| JRM_070 | SCI_I1_S1 | GANYMEDE FOOTPRINT NORTH |
| JRM_071 | SCI_I1_S1 | LIMB UP |
| JRM_072 | SCI_I1_S1 | LIMB UP |
| JRM_073 | SCI_I1_S1 | LIMB UP |
| JRM_074 | SCI_I1_S1 | LIMB UP |
| JRM_076 | SCI_I1_S1 | RADIATION |
| JRM_077 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_078 | SCI_I1_S1 | RADIATION |
| JRM_079 | SCI_I1_S1 | LIMB DOWN |
| JRM_080 | SCI_I1_S1 | LIMB DOWN |
| JRM_081 | SCI_I1_S1 | LIMB DOWN |
| JRM_082 | SCI_I1_S1 | LIMB DOWN |
| JRM_083 | SCI_I1_S1 | LIMB DOWN |
| JRM_084 | SCI_I1_S1 | LIMB DOWN |
| JRM_085 | SCI_I1_S1 | LIMB DOWN |
| JRM_086 | SCI_I1_S1 | LIMB DOWN |
| JRM_087 | SCI_I1_S1 | LIMB DOWN |
| JRM_088 | SCI_I1_S1 | SOUTH POLE |
| JRM_090 | SCI_I1_S1 | SOUTH POLE |
| JRM_091 | SCI_I1_S1 | SOUTH POLE |
| JRM_092 | SCI_I1_S1 | SOUTH POLE |
| JRM_093 | SCI_I1_S1 | SOUTH POLE |
| JRM_094 | SCI_I1_S1 | SOUTH POLE |
| JRM_095 | SCI_I1_S1 | SOUTH POLE |
| JRM_096 | SCI_I1_S1 | SOUTH POLE |
| JRM_097 | SCI_I1_S1 | SOUTH POLE |
| JRM_098 | SCI_I1_S1 | SOUTH POLE |
| JRM_099 | SCI_I1_S1 | SOUTH POLE |
| JRM_100 | SCI_I1_S1 | SOUTH POLE |
| | | |





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| JRM_101 | SCI_I1_S1 | SOUTH POLE |
|---------|-----------|-----------------------|
| JRM_102 | SCI_I1_S1 | ATMOSPHERE |
| JRM_103 | SCI_I1_S1 | ATMOSPHERE |
| JRM_105 | SCI_I1_S1 | RADIATION |
| JRM_106 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_107 | SCI_I1_S1 | RADIATION |
| JRM_108 | SCI_I1_S1 | RADIATION+CALIBRATION |
| JRM_109 | CAL_I1_S1 | INTERNAL CALIBRATION |

Table 1: Scientific Goals

6 DATA COLLECTION OVERVIEW

Below is a table that gives an overview of the data collected during the activity period JM0281. The table describes, for each science block in the commanding file, the programmed operational modes and the data actually collected.

| JRM (sasf) | Operational Mode | Observations | Packets Retrieved | Packets Expected | Missing Observations SPE | Missing Observations IMG |
|------------|---------------------|----------------|----------------------|---------------------|--------------------------------|--------------------------------|
| JRM_004 | CAL_I1_S1 | 6 IMG 6 SPE | 72 | 72 | 0 | 0 |
| JRM_005 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_006 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_007 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_008 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_009 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_010 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_011 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_012 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_013 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_014 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_015 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_016 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_017 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_018 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_019 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |





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| JRM_020 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
|--------------------|-----------|----------------|----|----|----------|----------|
| JRM_021 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| 7777.000 | 227.71.21 | 3 SPE | | | | |
| JRM_022 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_023 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| | | 3 SPE | | | - | |
| JRM_024 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| IDM 025 | CCI 11 C1 | 3 SPE | 26 | 26 | | 0 |
| JRM_025 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_026 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| | | 3 SPE | | | | |
| JRM_027 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| VD3.6.020 | 001.11.01 | 3 SPE | 26 | 21 | | |
| JRM_028 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_029 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| 014(1_02) | 561_11_51 | 3 SPE | 30 | | Ū | |
| JRM_030 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| | | 3 SPE | | | | |
| JRM_031 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| IDM 022 | CCI 11 C1 | 3 SPE | 26 | 26 | | |
| JRM_032 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_033 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| 014.1 <u>_</u> 000 | SS1_11_S1 | 3 SPE | | | v | Ů |
| JRM_034 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| | | 3 SPE | | | | |
| JRM_035 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| JRM_036 | SCI_I1_S1 | 3 SPE 3 IMG | 36 | 36 | 0 | 0 |
| JKW1_030 | 5C1_11_51 | 3 SPE | 30 | 30 | U | U |
| JRM_037 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| _ | | 3 SPE | | | | |
| JRM_038 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| | | 3 SPE | | | | |
| JRM_039 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_040 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| 014.1_010 | 561_11_51 | 3 SPE | | | v | Ů |
| JRM_041 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| | | 3 SPE | | | | |
| JRM_042 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| JRM 043 | SCI_I1_S1 | 3 SPE | 36 | 36 | 0 | 0 |
| J KWI_043 | SCI_II_SI | 3 IMG 3 SPE | 30 | 30 | U | U |
| JRM_044 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| | | 3 SPE | | | <u> </u> | |
| JRM_045 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| YD35 0 15 | 00**1 ~: | 3 SPE | | | | |
| JRM_046 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| JRM_047 | SCI_I1_S1 | 3 SPE 3 IMG | 36 | 36 | 0 | 0 |
| 31XII_U4/ | 501_11_51 | 3 ING 3 SPE | 30 | 30 | U | U |
| | | UDIE | J | 1 | | <u>l</u> |





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| JRM_048 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
|---------|-----------|----------------------------|-----|-----|---|---|
| JRM_049 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| JRM_050 | SCI_I1_S1 | 3 SPE 3 IMG | 36 | 36 | 0 | 0 |
| JRM 051 | SCI_I1_S1 | 3 SPE 3 IMG | 36 | 36 | 0 | 0 |
| _ | | 3 SPE | 30 | 30 | U | |
| JRM_052 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_053 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| JRM_054 | SCI_I1_S1 | 3 SPE 3 IMG | 36 | 36 | 0 | 0 |
| JRM_055 | SCI_I1_S1 | 3 SPE 3 IMG | 36 | 36 | 0 | 0 |
| JRM_056 | SCI_I1_S1 | 3 SPE 3 IMG | 36 | 36 | 0 | 0 |
| _ | | 3 SPE | | | | |
| JRM_057 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_058 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_059 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_060 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
| JRM_061 | SCI_I1_S1 | 24 IMG 24 SPE | 288 | 288 | 0 | 0 |
| JRM_062 | SCI_I1_S1 | 21 IMG 21 SPE | 252 | 252 | 0 | 0 |
| JRM_063 | SCI_I1_S1 | 14 IMG 14 SPE | 168 | 168 | 0 | 0 |
| JRM_064 | SCI_I1_S1 | 12 IMG 12 SPE | 144 | 144 | 0 | 0 |
| JRM_065 | SCI_I1_S1 | 12 SPE 12 IMG 12 SPE | 144 | 144 | 0 | 0 |
| JRM_066 | SCI_I1_S1 | 12 IMG | 144 | 144 | 0 | 0 |
| JRM_067 | SCI_I1_S1 | 12 SPE 7 IMG | 84 | 84 | 0 | 0 |
| JRM_068 | SCI_I1_S1 | 7 SPE 5 IMG | 60 | 60 | 0 | 0 |
| JRM_069 | SCI_I3_S1 | 5 SPE 12 IMG | 108 | 108 | 0 | 0 |
| JRM_070 | SCI_I3_S1 | 12 SPE 6 IMG | 54 | 54 | 0 | 0 |
| JRM_071 | SCI_I1_S1 | 6 SPE 13 IMG | 156 | 156 | 0 | 0 |
| JRM_072 | SCI_I1_S1 | 13 SPE 11 IMG | 132 | 132 | 0 | 0 |
| JRM 073 | SCI_I1_S1 | 11 SPE 11 IMG | 132 | 132 | 0 | 0 |
| _ | | 11 IMG 11 SPE | 132 | 132 | U | U |
| JRM_074 | SCI_I1_S1 | 10 IMG 10 SPE | 120 | 120 | 0 | 0 |
| JRM_076 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |





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| JRM_077 | SCI_I1_S1 | 3 IMG 3 SPE | 36 | 36 | 0 | 0 |
|-----------|------------|-----------------|-----|--|---|---|
| JRM_078 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| _ | | 3 SPE | | | | |
| JRM_079 | SCI_I1_S1 | 10 IMG | 120 | 120 | 0 | 0 |
| JRM_080 | SCI_I1_S1 | 10 SPE 8 IMG | 96 | 96 | 0 | 0 |
| 31KM_000 | 561_11_51 | 8 SPE | 70 | | U | U |
| JRM_081 | SCI_I1_S1 | 8 IMG | 96 | 96 | 0 | 0 |
| | | 8 SPE | | | | |
| JRM_082 | SCI_I1_S1 | 8 IMG | 96 | 96 | 0 | 0 |
| VD34 002 | 0.01 11 01 | 8 SPE | 0.6 | 0.6 | | |
| JRM_083 | SCI_I1_S1 | 8 IMG 8 SPE | 96 | 96 | 0 | 0 |
| JRM_084 | SCI_I1_S1 | 8 IMG | 96 | 96 | 0 | 0 |
| _ | | 8 SPE | | | v | v |
| JRM_085 | SCI_I1_S1 | 8 IMG | 96 | 96 | 0 | 0 |
| | | 8 SPE | | | | |
| JRM_086 | SCI_I1_S1 | 8 IMG | 96 | 96 | 0 | 0 |
| JRM_087 | SCI_I1_S1 | 8 SPE 7 IMG | 84 | 84 | 0 | 0 |
| JKW1_007 | 3C1_11_31 | 7 SPE | 04 | 04 | U | U |
| JRM_088 | SCI_I1_S1 | 8 IMG | 96 | 96 | 0 | 0 |
| | | 8 SPE | | | | |
| JRM_089 | SCI_I1_S1 | 6 IMG | 72 | 72 | 0 | 0 |
| TD34 000 | 0.01 11 01 | 6 SPE | | | | |
| JRM_090 | SCI_I1_S1 | 6 IMG 6 SPE | 72 | 72 | 0 | 0 |
| JRM_091 | SCI_I1_S1 | 6 IMG | 72 | 72 | 0 | 0 |
| | | 6 SPE | | | v | v |
| JRM_092 | SCI_I1_S1 | 6 IMG | 72 | 72 | 0 | 0 |
| | 227 | 6 SPE | | | | _ |
| JRM_093 | SCI_I1_S1 | 6 IMG | 72 | 72 | 0 | 0 |
| JRM 094 | SCI_I1_S1 | 6 SPE 6 IMG | 72 | 72 | 0 | 0 |
| JIIVI_054 | 561_11_51 | 6 SPE | /2 | , , , | V | V |
| JRM_095 | SCI_I1_S1 | 6 IMG | 72 | 72 | 0 | 0 |
| | | 6 SPE | | | | |
| JRM_096 | SCI_I1_S1 | 6 IMG | 72 | 72 | 0 | 0 |
| JRM_097 | CCI 11 C1 | 6 SPE | 72 | 72 | 0 | 0 |
| JKWI_097 | SCI_I1_S1 | 6 IMG 6 SPE | 12 | /2 | U | U |
| JRM_098 | SCI_I1_S1 | 6 IMG | 72 | 72 | 0 | 0 |
| _ | | 6 SPE | | | v | v |
| JRM_099 | SCI_I1_S1 | 6 IMG | 72 | 72 | 0 | 0 |
| VD75 400 | 0.07 74 04 | 6 SPE | | | | |
| JRM_100 | SCI_I1_S1 | 6 IMG | 72 | 72 | 0 | 0 |
| JRM_101 | SCI_I1_S1 | 6 SPE 6 IMG | 72 | 72 | 0 | 0 |
| 014.1_101 | 501_11_51 | 6 SPE | 12 | , 2 | v | V |
| JRM_102 | SCI_I1_S1 | 41 IMG | 492 | 492 | 0 | 0 |
| | | 41 SPE | | | | |
| JRM_103 | SCI_I1_S1 | 39 IMG | 468 | 468 | 0 | 0 |
| JRM_105 | SCI_I1_S1 | 39 SPE 3 IMG | 36 | 36 | Λ | Λ |
| 31XW1_1U3 | 3C1_11_31 | 3 SPE | 30 | 30 | 0 | 0 |
| | | J 51 E | l | | | 1 |





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| TT. | T | / TT | ~ . | 3 A |
|-----|----------|------|------------|-----|
| JU. | NO | /JH | ΚA | IVI |

| JRM_106 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
|---------|-----------|-------|----|----|---|---|
| | | 3 SPE | | | | |
| JRM_107 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| | | 3 SPE | | | | |
| JRM_108 | SCI_I1_S1 | 3 IMG | 36 | 36 | 0 | 0 |
| | | 3 SPE | | | | |
| JRM_109 | CAL_I1_S1 | 6 IMG | 72 | 72 | 0 | 0 |
| | | 6 SPE | | | | |

Table 2: Data Overview





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A.1 Commanding file (SASF)

```
CCSD3ZF0000100000001NJPL3KS0L015$$MARK$$;
MISSION_NAME = JUNO;
SPACECRAFT NAME = JUNO;
DATA_SET_ID = SPACECRAFT_ACTIVITY_SEQUENCE JRM;
FILE NAME = jm0281 JRMa.sasf;
APPLICABLE START TIME = 2020-206T06:00:00.000;
APPLICABLE STOP TIME = 2020-232T16:00:00.000;
PRODUCT CREATION TIME = 2020-183T11:31:31.000;
PRODUCER_ID = JRMTEAM;
SEQ_ID = jm0281_JRMa;
HOST_ID = JRM_CMD_281_281_V04.jrm;
CCSD3RE000000$$MARK$$NJPL3IF0M0130000001;
            SPACECRAFT ACTIVITY SEQUENCE FILE
SSJNO
*PROJECT JNO
*SPACECRAFT 61
*OPERATOR
           TRMTEAM
*FILE_CMPLT TRUE
        Wed Jul 01 11:31:31 2020
*DATE
           2020-206T06:00:00.000
*BEGIN
           2020-232T16:00:00.000
*CUTOFF
#EPOCHS_DEF
*jm0281 JRM,
                  2020-206T06:00:00.000
*EPOCHS END
*Input \overline{f}iles used:
*File Type Last modified
                                       File name
*PACKETS NUMBER 4890
                         *******
$$EOH
SSEOD
request(JRM_Sequence_Management_Request,
               START_TIME, 2020-206T06:00:00.000,
               TITLE, "JRM MAINTENANCE",
               REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
               KEY, "No Key")
activity(1,
         SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                SEQTRAN directive
                (VML START, 2001-001T00:00:00.000, 2030-
001T00:00:00.000, "ABSLTE", "jm0281 JRM", "jm0281 JRM.abs", "d:/seq")
     command(2,
                SCHEDULED TIME, \00:00:30\, FROM PREVIOUS START,
                FILE DELETE ("d:/seq/jm0281 JRM.abs")
     command(3,
                SCHEDULED TIME, \026T09:59:58\, FROM REQUEST START,
                VM LOAD(20, "d:/seq/jm0282_JRM.abs")
 end;
request(JRM 001,
                 START_TIME, 2020-206T07:30:00.000,
                 TITLE, "jm0281_JRM_Heater_Op",
                 REQUESTOR, "JRMTEAM",
                 PROCESSOR, "VC2",
                 KEY, "No Key")
       command(1,
                SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                THRM SET PT SEL("JIRAM OH", "OPERATIONAL")
       ) .
```





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```
command(2,
                  SCHEDULED_TIME,\00:00:01\,FROM_PREVIOUS_START, THRM_SET_PT_SEL("JIRAM_DECON","OPERATIONAL")
        command(3,
                   SCHEDULED TIME, \03:10:00\, FROM PREVIOUS START,
                  THRM SET PT SEL("JIRAM ELECT BP", "OPERATIONAL")
        ),
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Na\overline{\mathrm{N}}"\
 end;
request(JRM_002,
                   START_TIME, 2020-206T12:51:00.000,
                   TITLE, "jm0281 JRM-POWER ON",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No_Key")
             spawn(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   REQ_ENGINE_ID,21,RT_on_board_block(jiram_pwr_on)
              ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"NaN"\
              ),
 end;
request(JRM 003,
                   START_TIME, 2020-206T12:53:43.000,
                   TITLE, "jm0281 JRM StandBy",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                   SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM SET \overline{PAR}(111,2)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_STANDBY("ON", "ON", "ON")
             ),
          command (3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I2_S3",120,1,10,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,956,2,150,"LOW","LOW
","POINT",-57343,2,150,"LOW","LOW","SPIN",0,"NO_SUMMED_SCI")
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"NaN"\
              ),
 end;
request(JRM 004,
                   START_TIME, 2020-206T12:53:55.000,
                   TITLE, "jm0281 JRM Calibration",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                   SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM CAL PAR (8,14,8,14,30,700,30,700,30,700,30,700,30,700,200,200,153,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
          command(3,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_START_HS_REC()
```



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```
command (4,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM CALIBRATION("CAL I1 S1","IDIS SDIS","DISABLE",1,"LAMP 1")
             ) .
          command(5,
                   SCHEDULED TIME, \00:04:00\, FROM PREVIOUS START,
                   JRM_STOP_HS_REC()
             ),
          command(6,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM ERROR LOG()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"NaN"\
              ),
 end;
request(JRM_005,
                    START_TIME, 2020-206T12:58:15.000,
                    TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   JRM_SET_PAR(92,153)
             ) ,
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(3,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM_GET_PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM START HS REC()
             ),
          command (5,
                   SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                   JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command (7,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR (6000)
             ),
          command (8.
                   SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                   JRM SCIENCE()
             ),
          command (9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR (6000)
             ),
          command (11,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
```





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```
JRM SCIENCE()
             ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ) .
          command (13,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM SET PAR (92,8174)
             ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 28 001 GoodPxMap 2020-206T12:58:15.000"\
              ),
 end:
request(JRM_006,
                   START_TIME, 2020-206T13:03:15.000,
                   TITLE, "jm0281 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,
```





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```
SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 28 002 GoodPxMap 2020-206T13:03:15.000"\
              ),
 end:
request(JRM 007,
                   START_TIME,2020-206T13:08:15.000,
TITLE, "jm0281_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)
             ),
```





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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()
             ),
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT,\"Radiation Sequence 28 003 GoodPxMap 2020-206T13:08:15.000"\
              ),
 end;
request(JRM 008,
                    START_TIME, 2020-206T13:13:15.000,
                    TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR (92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
          command (5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command (7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command (9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
```



),



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```
command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ) .
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
            ),
         command (13.
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
             ),
         command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT,\"Radiation_Sequence_28_004_GoodPxMap_2020-206T13:13:15.000"\
              ),
 end;
request (JRM 009,
                   START_TIME, 2020-206T13:18:15.000,
                   TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM_SET_PAR(92,153)
             ),
         command (2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
         command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
         command (6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (7.
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM GET PAR (6000)
            ),
         command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
```





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```
JRM GET PAR (6000)
             ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ) .
          command (12,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
                  JRM STOP HS REC()
             ),
         command (13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
            ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 28 005 GoodPxMap 2020-206T13:18:15.000"\
              ),
 end:
request(JRM_010,
                   START TIME, 2020-206T13:23:15.000,
                   TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR (92,153)
         command (2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ) ,
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
            ),
         command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
             ),
         command (5,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
            ),
         command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
```





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```
SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                   JRM_STOP_HS_REC()
             ),
          command (13,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM SET PAR (92,8174)
             ),
          command(14,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM ERROR LOG()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT,\"Radiation Sequence 28 006 GoodPxMap 2020-206T13:23:15.000"\
              ),
 end;
request(JRM 011,
                    START_TIME, 2020-206T13:28:15.000,
                    TITLE, "jm0281 JRM Science",
                    REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   JRM SET PAR (92,153)
             ),
          command(2,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
             ) ,
          command (3,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR (6000)
             ),
          command (4,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM START HS REC()
             ),
          command (5,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM SCIENCE()
             ),
          command(6,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
             ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ) .
          command(8,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
```



command(10,



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```
SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR (6000)
             ) .
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command (12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
          command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT,\"Radiation Sequence 28 007 GoodPxMap 2020-206T13:28:15.000"\
              ),
 end;
request(JRM 012,
                    START_TIME,2020-206T13:33:15.000,
                    TITLE, "jm0281_JRM_Science",
                    REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No_Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR (92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
          command (9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
```



),



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```
command (10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ) .
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command (12,
                  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                  JRM STOP HS REC()
             ),
          command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
          command(14,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM_ERROR_LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT,\"Radiation_Sequence_28_008_GoodPxMap_2020-206T13:33:15.000"\
              ),
 end;
request(JRM 013,
                   START TIME, 2020-206T13:38:15.000,
                   TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM_SET_PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command (3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
          command (5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command (7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
          command(8,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command (9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
```





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```
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR (6000)
             ),
          command(11,
                   SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                   JRM SCIENCE()
             ),
          command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
          command(13,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM ERROR LOG()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"Radiation Sequence 28 009 GoodPxMap 2020-206T13:38:15.000"\
               ),
 end;
request(JRM 014,
                    START_TIME, 2020-206T14:08:15.000,
                    TITLE, "jm0281_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,
```



),



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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_015, START_TIME, 2020-206T14:28:15.000, TITLE, "jm0281 JRM Science", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No_Key") command(1, SCHEDULED TIME, \00:00:00\, FROM REQUEST START, JRM SET PAR (92, 153)) . command (2, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI") command(3, SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START, JRM_GET_PAR(6000)), command(4, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM_START_HS_REC()), command(5, SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START, JRM_SCIENCE()), command(6, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")), command(7, SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START, JRM_GET_PAR(6000)), command(8, SCHEDULED TIME,\00:00:02\,FROM_PREVIOUS_START, JRM_SCIENCE()





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```
command (9,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
          command (10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
          command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
          command (13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
             ),
          command(14,
                  SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                   TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM_016,
                   START_TIME, 2020-206T14:48:15.000,
                   TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM_SET_PAR(92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(3,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
             ) .
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
         command (5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED_SCI")
            ),
          command (7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
          command(8,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM SCIENCE()
```





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```
),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
          command (11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
             ),
         command (14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end:
request(JRM_017,
                   START_TIME, 2020-206T15:08:15.000,
                   TITLE, "jm0281 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,
```



command(8,



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```
JRM SCIENCE()
             ),
         command (9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
            ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 28 010 Approach 2020-206T15:08:15.000"\
              ),
 end;
request(JRM 018,
                   START_TIME, 2020-206T15:28:15.000,
                   TITLE, "jm0281_JRM_Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR (92,153)
            ),
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
            ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
            ) .
         command (5,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
            ),
         command (6.
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
          command (7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
```





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```
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 019,
                    START_TIME, 2020-206T15:48:15.000,
                    TITLE, "jm0281 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)
             ),
```





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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, 2020-206T16:08:15.000,
                   TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No_Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR (92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ) .
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
            ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command (7.
                  SCHEDULED TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM GET PAR(6000)
```



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```
command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ) .
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
          command (10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
            ),
         command (13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
            ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end;
request (JRM 021,
                   START TIME, 2020-206T16:28:15.000,
                   TITLE, "jm0281 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, 2020-206T16:52:24.000,
                    TITLE, "jm0281_JRM Science",
                    REQUESTOR, "JRMTEAM",
                    PROCESSOR, "VC2",
                    KEY, "No Key")
          command (1.
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                   JRM SET PAR (92, 153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ).
          command (4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
             ),
          command (5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
             ),
          command(7,
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```
SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR(6000)
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
          command (12,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
          command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
             ) ,
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"Radiation_Sequence 28 011 MagEq 2020-206T16:52:24.000"\
              ),
 end;
request(JRM 023,
                    START_TIME,2020-206T17:08:15.000,
                    TITLE, "jm0281_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,



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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 024,
                    START TIME, 2020-206T17:28:15.000,
                    TITLE, "jm0281 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")
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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, 2020-206T17:48:15.000,
                  TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(92,153)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command (3.
                 SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                 JRM_GET_PAR(6000)
            ),
         command(4,
                 SCHEDULED_TIME,\00:00:04\,FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(5,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command (6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
```





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JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
          command (7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR (6000)
             ),
          command(8,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10.
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
          command(11,
                   SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                   JRM SCIENCE()
             ),
          command(12,
                   SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                  JRM STOP HS REC()
             ),
          command(13,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM SET PAR (92,8174)
          command(14,
                   SCHEDULED TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"RAD+CAL"\
               ),
 end;
request(JRM_026,
                    START_TIME, 2020-206T18:08:15.000,
                    TITLE, "jm0281 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,
```





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

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JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT" ,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")) . command (7, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM GET PAR (6000)), command (8. SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START, JRM SCIENCE()), command (9, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI") command(10, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM GET PAR (6000)). command (11, SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START, JRM SCIENCE()), command(12, SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START, JRM STOP HS REC()), command (13, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM SET PAR (92,8174)), command(14, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM ERROR LOG()), note(1, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, TEXT, \"RAD+CAL"\), end; request(JRM_027, START TIME, 2020-206T18:28:15.000, TITLE, "jm0281 JRM Science", REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No Key") command(1, SCHEDULED TIME, \00:00:00\, FROM REQUEST START, JRM SET PAR (92, 153)), command(2,SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")), command(3, SCHEDULED TIME,\00:00:04\,FROM_PREVIOUS_START, JRM GET PAR(6000)), command(4, SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START, JRM START HS REC()), command (5, SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START, JRM_SCIENCE()),





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```
command(6,
                 SCHEDULED TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
         command (7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR (6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR (6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ) .
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SET PAR (92,8174)
            ),
         command(14,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Radiation Sequence 28 012 Approach 2020-206T18:28:15.000"\
             ),
 end:
request (JRM 028,
                  START TIME, 2020-206T18:48:15.000,
                  TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR (92,153)
            ),
         command (2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ) ,
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR (6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command (5,
                 SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM SCIENCE()
```



),



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```
command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
         command (10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
            ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
            ),
         command (13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end:
request(JRM 029,
                   START_TIME, 2020-206T19:08:15.000,
                   TITLE, "jm0281_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,
```



command (5,



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```
JRM SCIENCE()
             ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
         command (7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
         command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
         command (9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command (10.
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR (6000)
             ),
         command(11,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
         command (13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
             ),
         command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM 030,
                   START_TIME, 2020-206T19:28:15.000,
                   TITLE, "jm0281 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()
             ),
```





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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, 2020-206T19:50:30.000,
                    TITLE, "jm0281 JRM Science",
                    REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No Key")
                   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, \"Radiation_Sequence_28_013_MagEq_2020-206T19:50:30.000"\
             ),
 end;
request (JRM 032,
                  START TIME, 2020-206T20:08:15.000,
                  TITLE, "jm0281 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, 2020-206T20:28:15.000,
                    TITLE, "jm0281 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, 2020-206T20:48:15.000,
                   TITLE, "jm0281 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,
```





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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, 2020-206T20:58:15.000,
                   TITLE, "jm0281 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)
             ),
```





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```
command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM START HS REC()
             ) .
          command (5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM SCIENCE()
             ),
          command (6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
          command (11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(12,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
          command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
             ),
          command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"Radiation_Sequence_28_014_Approach_2020-206T20:58:15.000"\
              ),
 end;
request(JRM_036,
                    START_TIME, 2020-206T21:08:15.000,
                    TITLE, "jm0281 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, 2020-206T21:28:15.000,
                    TITLE, "jm0281_JRM_Science",
                    REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1,
                   SCHEDULED_TIME,\00:00:00\,FROM_REQUEST_START,
                   JRM SET PAR (92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command (3,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
```





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```
JRM GET PAR (6000)
             ),
         command (4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
             ) .
          command (5,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
          command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
         command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                  SCHEDULED TIME,\00:00:04\,FROM_PREVIOUS_START,
                  JRM GET PAR (6000)
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
            ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_SET_PAR(92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end;
request(JRM 038,
                   START_TIME, 2020-206T21:48:15.000,
                   TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR (92,153)
            ),
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(3,
```





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```
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()
             ),
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"RAD+CAL"\
               ),
 end;
request(JRM 039,
                    START_TIME, 2020-206T22:08:15.000,
                    TITLE, "jm0281_JRM_Science",
                    REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No_Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   JRM SET PAR (92, 153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
```



command(3,



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```
SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR (6000)
            ) .
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command (5,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command (7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR (6000)
            ),
         command (8.
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR (6000)
            ),
         command(11,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command (13.
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM SET PAR (92,8174)
            ),
         command(14,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"RAD+CAL" \
             ),
 end;
request (JRM 040,
                  START_TIME, 2020-206T22:28:15.000,
                  TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(92,153)
         command (2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
```



),



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```
command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ) .
          command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_START_HS_REC()
            ),
          command (5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command (7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
          command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ) .
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM_GET_PAR(6000)
             ),
          command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
          command (12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
            ),
          command (13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
             ),
          command (14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 28 015 Approach 2020-206T22:28:15.000"\
              ),
 end:
request(JRM_041,
                   START TIME, 2020-206T22:48:15.000,
                   TITLE, "jm0281 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,
```



request(JRM 042,

command(1,

), command(2,

START_TIME, 2020-206T23:08:15.000, TITLE, "jm0281 JRM Science",

SCHEDULED TIME, \00:00:00\, FROM REQUEST START,

REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",

KEY, "No Key")

JRM SET PAR (92, 153)



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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;
```



),



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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 043,
                  START TIME, 2020-206T23:28:15.000,
                  TITLE, "jm0281 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 044,
                   START TIME, 2020-206T23:48:15.000,
                   TITLE, "jm0281 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,2020-206T23:58:15.000,
TITLE, "jm0281_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()
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"Radiation_Sequence_28_016_Approach_2020-206T23:58:15.000"\
              ),
 end;
request(JRM_046,
                    START_TIME, 2020-207T00:08:15.000,
                    TITLE, "jm0281 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, 2020-207T00:28:15.000,
                   TITLE, "jm0281 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_S1",1,1,0,"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_048,
                   START TIME, 2020-207T00:48:15.000,
                   TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
```





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```
KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR (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, 2020-207T01:08:15.000,
                   TITLE, "jm0281_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 \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,
                  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, 2020-207T01:28:15.000,
                   TITLE, "jm0281_JRM_Science",
```





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```
REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR (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()
             ),
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation_Sequence_28_017_Approach_2020-207T01:28:15.000"\
              ),
 end:
request(JRM_051,
                   START TIME, 2020-207T01:48:15.000,
```





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```
TITLE, "jm0281 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;
request(JRM 052,
```





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```
START_TIME, 2020-207T02:08:15.000,
                    TITLE, "jm0281_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,
                   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_053,



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```
START_TIME, 2020-207T02:28:15.000,
                   TITLE, "jm0281_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()
             ),
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end;
```





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```
request(JRM_054,
                   START_TIME, 2020-207T02:48:15.000,
                   TITLE, "jm0281 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_055,
                   START TIME, 2020-207T03:08:15.000,
                   TITLE, "jm0281 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" \
```





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```
),
 end;
request(JRM 056,
                   START TIME, 2020-207T03:28:15.000,
                   TITLE, "jm0281 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 \overline{PAR} (92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
```





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```
TEXT, \"Radiation Sequence 28 018 Approach 2020-207T03:28:15.000"\
              ),
 end;
request(JRM 057,
                   START TIME, 2020-207T03:48:15.000,
                   TITLE, "jm0281 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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```
TEXT, \"RAD+CAL"\
               ),
 end;
request(JRM 058,
                    START_TIME, 2020-207T04:08:15.000,
                    TITLE, "jm0281_JRM_Science",
                    REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No_Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   JRM SET PAR (92,153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
          command(3,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR (6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM_START_HS_REC()
             ),
          command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
          command (6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command (7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
          command(8,
                   SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                   JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(10,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR (6000)
             ),
          command (11.
                   SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                   JRM_SCIENCE()
             ),
          command(12,
                  SCHEDULED_TIME,\00:01:12\,FROM_PREVIOUS_START,
                  JRM STOP HS REC()
             ),
          command(13,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM SET PAR (92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM_ERROR_LOG()
             ),
```





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```
note(1,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   TEXT, \"RAD+CAL"\
 end;
request (JRM 059,
                   START_TIME, 2020-207T04:28:15.000,
                   TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM_SET_PAR(92,153)
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command (3.
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM_GET_PAR (6000)
             ),
         command(4,
                  SCHEDULED_TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
            ),
         command(5,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command (6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ) ,
         command (7.
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
            ),
         command(8,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command(9,
                  SCHEDULED_TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ).
         command (11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
            ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM STOP HS REC()
            ),
         command(13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
            ),
         command(14,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  JRM ERROR LOG()
```





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```
),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"RAD+CAL"\
               ) .
 end;
request(JRM_060,
                    START_TIME, 2020-207T04:38:15.000,
                    TITLE, "jm0281 JRM Science",
                    REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No_Key")
          command(1,
                   SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                   JRM SET PAR (92, 153)
          command(2,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED_SCI")
             ),
          command (3,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR (6000)
             ) .
          command(4,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM START HS REC()
             ),
          command (5,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM SCIENCE()
             ),
          command(6,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
             ),
          command(7,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR (6000)
             ),
          command (8,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM SCIENCE()
             ),
          command(9,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
          command (10,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   JRM GET PAR (6000)
             ),
          command(11,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM SCIENCE()
             ) .
          command(12,
                   SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                   JRM STOP HS REC()
             ),
          command (13,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM SET PAR (92,8174)
             ),
          command (14,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
```



JRM ERROR LOG()



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```
),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"RAD+CAL"\
             ) .
 end;
request(JRM 061,
                  START_TIME,2020-207T04:43:36.500,
TITLE, "jm0281_JRM_Science",
                  REQUESTOR, "JRMTEAM",
                  PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR (74,2000)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",24,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,5,1000,5000,"LOW","LOW
","POINT",-57343,1000,5000,"LOW","LOW","SPIN",33198,"NO SUMMED SCI")
           ),
         command(3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM START HS REC()
            ) .
         command(4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command (5,
                 SCHEDULED_TIME, \00:12:54\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Europa"\
             ),
 end:
request (JRM 062,
                  START TIME, 2020-207T04:56:49.500,
                  TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR (74,1250)
            ),
         command (2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",21,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,6,2500,5000,"LOW","LOW
","POINT",-57343,2500,5000,"LOW","LOW","SPIN",32661,"NO_SUMMED_SCI")
           ) .
         command(3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM START HS REC()
           ),
         command(4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (5,
                 SCHEDULED_TIME, \00:11:22\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
```



),



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```
command(6,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Europa"\
             ),
 end:
request (JRM 063,
                   START_TIME, 2020-207T05:08:31.500,
                   TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,2465)
            ),
         command (2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",14,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,221,75,5000,"LOW","LOW
", "POINT", -57343,75,5000, "LOW", "LOW", "SPIN", -4448, "NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command (4,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(5,
                  SCHEDULED TIME, \00:07:49\, FROM PREVIOUS START,
                  JRM_ERROR_LOG()
            ),
         command(6,
                 SCHEDULED TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM STOP HS REC()
             note(1,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   TEXT, \"Atmosphere"\
              ),
 end;
request(JRM_064,
                   START_TIME, 2020-207T05:16:39.500,
                   TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET \overline{PAR} (74,2465)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",12,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,261,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-4443,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
```





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```
command (5,
                 SCHEDULED_TIME, \00:06:48\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Atmosphere"\
 end;
request(JRM_065,
                  START_TIME, 2020-207T05:23:46.500,
                  TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,2465)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",12,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,261,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-4438,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:06:48\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
              note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Atmosphere"\
              ),
 end;
request(JRM 066,
                  START_TIME, 2020-207T05:30:53.500,
                  TITLE, "jm0281_JRM_Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET \overline{PAR} (74,2465)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",12,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,262,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-4436,"NO_SUMMED_SCI")
         command(3,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
```





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```
SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM_SCIENCE()
             ),
          command(5,
                   SCHEDULED TIME, \00:06:48\, FROM PREVIOUS START,
                   JRM ERROR LOG()
             ),
          command(6,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM_STOP_HS_REC()
             ),
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"Atmosphere"\
               ),
 end;
request(JRM 067,
                    START_TIME, 2020-207T05:38:01.500,
                    TITLE, "jm0281_JRM_Science",
                    REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No_Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   JRM SET PAR (74,2465)
             ) .
          command(2,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DISABLE",0,691,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-7766,"NO_SUMMED_SCI")
             ),
          command(3,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM START HS REC()
             ),
          command(4,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM SCIENCE()
             ),
          command (5,
                   SCHEDULED TIME, \00:04:16\, FROM PREVIOUS START,
                   JRM ERROR LOG()
             ),
          command (6,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM STOP HS REC()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"North Pole"\
              ),
 end;
request(JRM_068,
                    START_TIME,2020-207T05:42:35.500,
TITLE, "jm0281 JRM Science",
                    REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM_REQUEST_START,
                   JRM SET \overline{PAR} (74,2465)
             ),
          command(2,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",5,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,638,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-5847,"NO_SUMMED_SCI")
             ),
          command (3,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
```





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```
JRM START HS REC()
            ),
         command (4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (5,
                 SCHEDULED_TIME, \00:03:14\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command (6,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"North Pole"\
             ),
 end;
request(JRM_069,
                  START TIME, 2020-207T05:46:09.500,
                  TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR(74,0)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I3_S1",12,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,225,5000,5000,"LOW","L
OW", "POINT", -57343, 5000, 5000, "LOW", "LOW", "SPIN", 11522, "NO SUMMED SCI")
         command (3,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command(5,
                 SCHEDULED TIME, \00:06:48\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Europa Io FP North"\
             ),
 end;
request (JRM 070,
                  START_TIME, 2020-207T05:53:16.500,
                  TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,0)
         command (2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I3_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,2,5000,5000,"LOW","LOW"
,"POINT",-57343,5000,5000,"LOW","LOW","SPIN",12507,"NO_SUMMED_SCI")
```



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```
command (3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (5.
                 SCHEDULED TIME, \00:03:45\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"Ganymede FP North"\
             ),
 end;
request(JRM_071,
                  START_TIME, 2020-207T05:57:20.500,
                  TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,1250)
            ),
         command (2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",13,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,96,2500,5000,"LOW","LO
W", "POINT", -57343, 2500, 5000, "LOW", "LOW", "SPIN", 16507, "NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM START HS REC()
         command(4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
         command(5,
                 SCHEDULED_TIME, \00:07:19\, FROM_PREVIOUS_START,
                 JRM_ERROR_LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Limb Up"\
             ),
 end;
request(JRM 072,
                  START_TIME, 2020-207T06:04:59.500,
                  TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET \overline{PAR} (74,1250)
            ),
         command (2,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
```





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```
JRM_SCI_PAR("SCI_I1_S1",11,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,64,2500,5000,"LOW","LO
W","POINT",-57343,2500,5000,"LOW","LOW","SPIN",17837,"NO_SUMMED_SCI")
          command(3,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
          command(4,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(5,
                  SCHEDULED TIME, \00:06:17\, FROM PREVIOUS START,
                  JRM_ERROR_LOG()
          command(6,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Limb Up"\
              ),
 end;
request(JRM 073,
                   START_TIME,2020-207T06:11:36.500,
                   TITLE, "jm0281_JRM_Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET \overline{PAR} (74,1250)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",11,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,38,2500,5000,"LOW","LO
W", "POINT", -57343, 2500, 5000, "LOW", "LOW", "SPIN", 17352, "NO SUMMED SCI")
          command(3,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
          command(4,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
          command(5,
                  SCHEDULED TIME, \00:06:19\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
          command(6,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
              note(1,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   TEXT, \"Limb Up"\
              ) ,
 end:
request(JRM 074,
                   START TIME, 2020-207T06:18:15.500,
                   TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM SET PAR (74, 1250)
```





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```
),
          command(2,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",10,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,32,2500,5000,"LOW","LO
W","POINT",-57343,2500,5000,"LOW","LOW","SPIN",7724,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
          command (4,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(5,
                   SCHEDULED TIME, \00:05:49\, FROM PREVIOUS START,
                   JRM ERROR LOG()
             ),
          command(6,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"Limb Up"\
              ),
 end:
request(JRM 075,
                    START_TIME, 2020-207T06:24:16.500,
                    TITLE, "jm0281_Technical_Block",
                    REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   JRM_SET_PAR(74,0)
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"Imager Delay Set to Zero"\
              ),
 end;
request(JRM_076,
                    START_TIME, 2020-207T06:28:45.000,
                    TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   JRM SET PAR (92, 153)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
          command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
          command(4,
                   SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                   JRM START HS REC()
             ),
          command (5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM_SCIENCE()
             ),
```





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```
command(6,
                 SCHEDULED TIME, \00:01:12\, FROM_PREVIOUS_START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
         command (7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR (6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR (6000)
            ),
         command(11,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ) .
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command(13,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM SET PAR (92,8174)
            ),
         command(14,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"Radiation Sequence 28 019 EqRing 2020-207T06:28:45.000"\
             ),
 end:
request (JRM 077,
                  START TIME, 2020-207T06:35:15.000,
                  TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR (92,153)
            ),
         command (2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ) ,
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR (6000)
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command (5,
                 SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM SCIENCE()
```





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```
),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
         command(7,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
         command(8,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(9,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
         command(10,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
         command(11,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
            ),
         command(12,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
            ),
         command (13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
             ),
          command(14,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"RAD+CAL"\
              ),
 end:
request(JRM 078,
                   START_TIME, 2020-207T06:42:15.000,
                   TITLE, "jm0281_JRM_Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR (92,153)
             ),
         command(2,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",1,1,0,"IDIS SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM GET PAR (6000)
             ),
          command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
            ),
         command (5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
```





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```
JRM SCIENCE()
            ),
         command(6,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
         command (7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR (6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
         command (9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
            ),
         command (10.
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM_GET_PAR (6000)
            ),
         command(11,
                 SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command (13,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_SET_PAR(92,8174)
            ),
         command(14,
                 SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Radiation_Sequence_28_020_SHiLatLobe_2020-207T06:42:15.000" \
             ),
 end;
request(JRM 079,
                  START_TIME, 2020-207T06:48:54.500,
                  TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET \overline{PAR} (74,1250)
            ) .
         command(2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",10,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,2500,5000,"LOW","LOW
","POINT",-57343,2500,5000,"LOW","LOW","SPIN",-4174,"NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
         command(4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (5,
```





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```
SCHEDULED TIME, \00:05:46\, FROM PREVIOUS START,
                  JRM_ERROR_LOG()
            ),
         command(6,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_STOP_HS REC()
            ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Limb Down"\
              ),
 end;
request(JRM 080,
                   START_TIME, 2020-207T06:55:00.500,
                   TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET \overline{PAR} (74,1250)
            ),
         command(2,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,2500,5000,"LOW","LOW",
"POINT",-57343,2500,5000,"LOW","LOW","SPIN",-5477,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(5,
                  SCHEDULED TIME, \00:04:45\, FROM PREVIOUS START,
                  JRM ERROR LOG()
            ),
         command (6,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Limb Down"\
              ),
 end:
request(JRM 081,
                   START TIME, 2020-207T07:00:05.500,
                   TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1.
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM_SET_PAR(74,1250)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",8,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,2500,5000,"LOW","LOW"
,"POINT",-57343,2500,5000,"LOW","LOW","SPIN",-6158,"NO SUMMED SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM START HS REC()
            ),
         command (4,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
```





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```
JRM SCIENCE()
            ),
         command (5,
                 SCHEDULED TIME, \00:04:45\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Limb Down"\
             ) .
 end:
request(JRM 082,
                  START TIME, 2020-207T07:05:11.500,
                  TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1.
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,1250)
            ),
         command(2,
                SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,2500,5000,"LOW","LOW"
,"POINT",-57343,2500,5000,"LOW","LOW","SPIN",-6549,"NO SUMMED SCI")
           ),
         command(3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                JRM SCIENCE()
           ),
         command(5,
                SCHEDULED TIME, \00:04:45\, FROM PREVIOUS START,
                JRM ERROR LOG()
            ),
         command (6,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"Limb Down"\
             ),
 end;
request(JRM_083,
                  START_TIME, 2020-207T07:10:16.500,
                  TITLE, "jm0281 JRM Science",
                 REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,1250)
            ),
         command (2,
                SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,2500,5000,"LOW","LOW"
,"POINT",-57343,2500,5000,"LOW","LOW","SPIN",-6770,"NO SUMMED_SCI")
           ),
         command(3,
                 SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM_START_HS_REC()
```



end;



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```
),
         command(4,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(5,
                  SCHEDULED TIME, \00:04:45\, FROM PREVIOUS START,
                  JRM ERROR LOG()
            ),
         command (6,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM_STOP_HS_REC()
            ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Limb Down"\
              ),
request(JRM_084,
                   START_TIME, 2020-207T07:15:21.500,
                   TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM_SET_PAR(74,1250)
            ) ,
         command(2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DISABLE",0,0,2500,5000,"LOW","LOW","POINT",-57343,2500,5000,"LOW","LOW","SPIN",-6883,"NO_SUMMED_SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command (5,
                  SCHEDULED_TIME,\00:04:45\,FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM_STOP_HS_REC()
            ),
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
```

```
JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,0,2500,5000,"LOW","LOW"
,"POINT",-57343,2500,5000,"LOW","LOW","SPIN",-6920,"NO_SUMMED_SCI")
           ),
```

TEXT, \"Limb Down"\

REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",

JRM SET \overline{PAR} (74,1250)

KEY, "No_Key")

START_TIME, 2020-207T07:20:26.500, TITLE, "jm0281_JRM_Science",

SCHEDULED TIME, \00:00:00\, FROM REQUEST START,

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

),

command(1,

), command(2,

end;

request(JRM 085,



command(3,



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```
SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (5,
                 SCHEDULED_TIME,\00:04:45\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Limb Down"\
             ),
 end;
request(JRM 086,
                  START_TIME, 2020-207T07:25:31.500,
                  TITLE, "jm0281_JRM_Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR (74,1250)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",8,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,5,2500,5000,"LOW","LOW"
,"POINT",-57343,2500,5000,"LOW","LOW","SPIN",-6920,"NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command (5,
                 SCHEDULED TIME, \00:04:46\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Limb Down"\
             ),
 end;
request(JRM 087,
                  START_TIME, 2020-207T07:30:36.500,
                  TITLE, "jm0281_JRM_Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR (74,1250)
            ),
         command(2,
                 SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
```





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```
JRM_SCI_PAR("SCI_I1_S1",7,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,11,2500,5000,"LOW","LOW
","POINT",-57343,2500,5000,"LOW","LOW","SPIN",-6880,"NO_SUMMED_SCI")
          command(3,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
          command(4,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(5,
                  SCHEDULED TIME, \00:04:15\, FROM PREVIOUS START,
                  JRM_ERROR_LOG()
          command(6,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"Limb Down"\
              ),
 end;
request(JRM 088,
                    START_TIME,2020-207T07:35:11.500,
                    TITLE, "jm0281_JRM_Science",
                    REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No_Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET \overline{PAR} (74,2465)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",8,1,0,"IDIS_SDIS","HSSL","ENABLE","DISABLE",0,319,75,5000,"LOW","LOW",
"POINT",-57343,75,5000,"LOW","LOW","SPIN",-2710,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
          command(4,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(5,
                  SCHEDULED TIME, \00:04:46\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
          command(6,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
              note(1,
                    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                    TEXT, \"South Pole"\
              ) .
 end:
request (JRM 089,
                    START TIME, 2020-207T07:40:16.500,
                    TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1,
                   SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM SET PAR (74, 2465)
```





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             ),
          command(2,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,447,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-2712,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
          command (4,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(5,
                   SCHEDULED TIME, \00:03:44\, FROM PREVIOUS START,
                   JRM ERROR LOG()
```

```
),
       command(6,
                SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
               JRM STOP HS REC()
          ),
            note(1,
                SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                TEXT, \"South Pole"\
            ),
end:
```

```
request(JRM 090,
                     START_TIME,2020-207T07:44:20.500,
TITLE, "jm0281_JRM_Science",
                     REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                     KEY, "No Key")
          command(1,
                    SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                    JRM SET PAR (74, 2465)
              ),
          command(2,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
```

JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DISABLE",0,447,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-2713,"NO_SUMMED_SCI")), command(3,

```
SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
       JRM START HS REC()
   ),
command (4,
       SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
       JRM SCIENCE()
  ),
command(5,
       SCHEDULED TIME, \00:03:44\, FROM PREVIOUS START,
       JRM ERROR LOG()
   ),
command (6.
       SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
       JRM_STOP_HS_REC()
   ),
    note(1,
        SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
        TEXT, \"South Pole"\
    ),
```

end; request(JRM_091, START_TIME, 2020-207T07:48:24.500, TITLE, "jm0281 JRM Science",

REQUESTOR, "JRMTEAM", PROCESSOR, "VC2", KEY, "No Key")





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```
command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR (74,2465)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,447,75,5000,"LOW","LOW"
,"POINT",-57343,75,5000,"LOW","LOW","SPIN",-2714,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (5,
                 SCHEDULED_TIME, \00:03:44\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"South Pole"\
             ),
 end;
request(JRM_092,
                  START_TIME, 2020-207T07:52:28.500,
                  TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,2465)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,447,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-2715,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (5,
                 SCHEDULED TIME, \00:03:44\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"South Pole"\
             ),
 end;
request (JRM 093,
                  START_TIME, 2020-207T07:56:32.500,
                  TITLE, "jm0281_JRM_Science",
```





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```

```
REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR (74, 2465)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DISABLE",0,447,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-2716,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_START_HS_REC()
             ) .
          command(4,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_SCIENCE()
             ),
          command (5,
                  SCHEDULED_TIME,\00:03:44\,FROM_PREVIOUS_START,
JRM_ERROR_LOG()
             ),
          command(6,
                  SCHEDULED TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM_STOP_HS_REC()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"South Pole"\
              ),
 end;
request(JRM 094,
                    START_TIME, 2020-207T08:00:36.500,
                    TITLE, "jm0281_JRM_Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR(74,2465)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DISABLE",0,447,75,5000,"LOW","LOW",
"POINT",-57343,75,5000,"LOW","LOW","SPIN",-2717,"NO_SUMMED_SCI")
             ),
          command(3,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
          command(4,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
             ),
          command(5,
                  SCHEDULED TIME, \00:03:44\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ) .
          command(6,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
             ),
              note(1,
                    SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                    TEXT, \"South Pole"\
              ),
 end;
```





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```
request(JRM_095,
                   START_TIME, 2020-207T08:04:40.500,
                   TITLE, "jm0281_JRM_Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No Key")
          command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM SET PAR (74,2465)
             ),
         command(2,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DISABLE",0,447,75,5000,"LOW","LOW",
"POINT",-57343,75,5000,"LOW","LOW","SPIN",-2718,"NO_SUMMED_SCI")
          command(3,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
         command(4,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_SCIENCE()
            ),
         command(5,
                  SCHEDULED TIME, \00:03:44\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ) .
         command(6,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"South Pole"\
              ),
 end:
request(JRM 096,
                   START TIME, 2020-207T08:08:44.500,
                   TITLE, "jm0281_JRM Science",
                   REQUESTOR, "JRMTEAM",
                   PROCESSOR, "VC2",
                   KEY, "No Key")
         command(1,
                  SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                  JRM SET PAR (74, 2465)
             ),
         command(2,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DISABLE",0,447,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-2718,"NO SUMMED SCI")
            ),
         command(3,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM START HS REC()
             ).
         command (4,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
         command (5,
                  SCHEDULED TIME, \00:03:44\, FROM PREVIOUS START,
                  JRM ERROR LOG()
            ),
         command (6,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM STOP HS REC()
             ),
              note(1,
                   SCHEDULED TIME,\00:00:04\,FROM_PREVIOUS_START,
                   TEXT, \"South Pole" \
```





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```
),
 end;
request(JRM 097,
                    START TIME, 2020-207T08:12:48.500,
                    TITLE, "jm0281 JRM Science",
                    REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No Key")
          command (1.
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   JRM SET PAR (74,2465)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,447,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-2719,"NO SUMMED SCI")
          command(3,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM START HS REC()
             ),
          command (4,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command(5,
                   SCHEDULED TIME, \00:03:44\, FROM PREVIOUS START,
                   JRM ERROR LOG()
             ),
          command(6,
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM STOP HS REC()
             ),
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"South Pole"\
              ),
 end;
request(JRM 098,
                    START_TIME, 2020-207T08:16:52.500,
                    TITLE, "jm0281_JRM_Science",
REQUESTOR, "JRMTEAM",
PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                   JRM_SET_PAR(74,2465)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DISABLE",0,447,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-2719,"NO_SUMMED_SCI")
             ),
          command (3.
                   SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM_START_HS_REC()
             ),
          command(4,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(5,
                   SCHEDULED_TIME, \00:03:45\, FROM_PREVIOUS_START,
                   JRM ERROR LOG()
             ),
          command(6,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                   JRM_STOP_HS_REC()
             ),
```



note(1,



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```
SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                    TEXT, \"South Pole"\
 end;
request (JRM 099,
                    START_TIME, 2020-207T08:20:56.500,
                    TITLE, "jm0281 JRM Science",
                    REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                    KEY, "No Key")
          command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM_SET_PAR(74,2465)
          command(2,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,447,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-2720,"NO_SUMMED_SCI")
            ),
          command (3.
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM_START_HS_REC()
             ),
          command(4,
                  SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                  JRM SCIENCE()
             ),
          command(5,
                  SCHEDULED TIME, \00:03:45\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
          command(6,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_STOP_HS_REC()
              note(1,
                    SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                    TEXT, \"South Pole"\
              ),
 end;
request(JRM_100,
                    START_TIME, 2020-207T08:25:00.500,
                    TITLE, "jm0281_JRM_Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                   KEY, "No_Key")
          command(1,
                   SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR (74, 2465)
             ),
          command(2,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DISABLE",0,447,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-2720,"NO_SUMMED_SCI")
          command(3,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM_START_HS_REC()
             ),
          command(4,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
             ),
          command (5,
                   SCHEDULED TIME, \00:03:45\, FROM PREVIOUS START,
                  JRM ERROR LOG()
             ),
          command(6,
```





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```
SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_STOP_HS_REC()
            ),
             note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"South Pole"\
              ),
 end;
request(JRM_101,
                   START_TIME, 2020-207T08:29:04.500,
                   TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR (74, 2465)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",6,1,0,"IDIS_SDIS","HSSL","ENABLE","DARK","DISABLE",0,447,75,5000,"LOW","LOW","POINT",-57343,75,5000,"LOW","LOW","SPIN",-2721,"NO_SUMMED_SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM_SCIENCE()
            ),
         command (5,
                 SCHEDULED TIME, \00:03:45\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"South Pole"\
              ),
 end:
request(JRM 102,
                   START_TIME, 2020-207T08:33:08.500,
                   TITLE, "jm0281_JRM_Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM SET PAR (74,2465)
            ),
         command(2,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
JRM SCI PAR("SCI I1 S1",41,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,175,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-3832,"NO SUMMED SCI")
            ) ,
         command(3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command(4,
                 SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
                 JRM SCIENCE()
            ),
         command (5,
                  SCHEDULED TIME, \00:21:33\, FROM PREVIOUS START,
```





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```
JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                  TEXT, \"Atmosphere"\
             ),
 end:
request(JRM_103,
                  START_TIME, 2020-207T08:55:00.500,
                  TITLE, "jm0281_JRM_Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED_TIME, \00:00:00\, FROM_REQUEST_START,
                 JRM SET PAR (74,2465)
            ),
         command(2,
                 SCHEDULED_TIME,\00:00:02\,FROM_PREVIOUS_START,
JRM SCI PAR ("SCI I1 S1",39,1,0,"IDIS SDIS","HSSL","ENABLE","DARK","DISABLE",0,184,75,5000,"LOW","LOW
","POINT",-57343,75,5000,"LOW","LOW","SPIN",-3833,"NO SUMMED SCI")
            ),
         command(3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM START HS REC()
            ),
         command (4,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command (5,
                 SCHEDULED_TIME, \00:20:32\, FROM_PREVIOUS_START,
                 JRM ERROR LOG()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"Atmosphere"\
             ),
 end;
request (JRM 104,
                  START TIME, 2020-207T09:15:44.000,
                  TITLE, "jm0281 Technical Block",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM_SET_PAR(74,0)
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT,\"Imager Delay Set to Zero"\
             ),
 end;
request(JRM_105,
                  START_TIME, 2020-207T09:19:08.000,
                  TITLE, "jm0281 JRM Science",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No_Key")
         command(1,
```



KEY, "No Key")



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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,\"Radiation Sequence 28 021 SouthLightning 2020-207T09:19:08.000"
              ),
 end;
request(JRM_106,
                   START_TIME, 2020-207T09:27:08.000,
                   TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
```





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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_S1",1,1,0,"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_107,
                   START TIME, 2020-207T09:36:09.000,
                   TITLE, "jm0281 JRM Science",
                   REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
```





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```
KEY, "No Key")
         command(1,
                  SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                  JRM SET PAR (92,153)
            ) .
         command(2,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO SUMMED SCI")
         command(3,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR(6000)
            ),
         command(4,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM START HS REC()
            ),
         command(5,
                  SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                  JRM SCIENCE()
            ),
         command(6,
                  SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT"
,28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
         command(7,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_GET_PAR (6000)
            ),
         command(8,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 JRM SCIENCE()
            ),
         command(9,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
JRM_SCI_PAR("SCI_I1_S1",1,1,0,"IDIS_SDIS","HSSL","ENABLE","RN","DISABLE",0,0,0,0,"LOW","LOW","POINT",28991,5000,5000,"LOW","LOW","POINT",-57025,"NO_SUMMED_SCI")
            ),
         command(10,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM GET PAR (6000)
         command(11,
                  SCHEDULED_TIME, \00:00:02\, FROM_PREVIOUS_START,
                 JRM_SCIENCE()
            ),
         command(12,
                 SCHEDULED TIME, \00:01:12\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command (13,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM SET PAR (92,8174)
            ),
         command(14,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  JRM ERROR LOG()
            ),
              note(1,
                   SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                   TEXT, \"Radiation Sequence 28 022 RingAdrastea 2020-207T09:36:09.000"\
             ),
 end;
request(JRM 108,
                   START TIME, 2020-207T09:46:09.000,
                   TITLE, "jm0281_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 109,
                   START_TIME, 2020-207T09:50:23.000,
                   TITLE, "jm0281_JRM_Calibration",
```





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```
REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
         command(1,
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 JRM CAL PAR(8,14,8,14,30,700,30,700,30,700,30,700,200,200,153,153)
         command(2,
                 SCHEDULED_TIME, \00:00:04\, FROM_PREVIOUS_START,
                 JRM GET PAR (6000)
            ),
         command(3,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM_START_HS_REC()
            ),
         command(4,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM CALIBRATION ("CAL I1 S1", "IDIS SDIS", "DISABLE", 1, "LAMP 1")
            ),
         command(5,
                 SCHEDULED TIME, \00:04:00\, FROM PREVIOUS START,
                 JRM STOP HS REC()
            ),
         command(6,
                 SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                 JRM ERROR LOG()
            ),
             note(1,
                  SCHEDULED TIME, \00:00:04\, FROM PREVIOUS START,
                  TEXT, \"NaN"\
             ),
 end:
request(JRM_110,
                  START_TIME, 2020-207T09:54:43.000,
                  TITLE, "jm0281 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, \"Na\overline{N}"\
             ),
 end;
request(JRM_111,
                  START_TIME, 2020-207T09:54:59.000,
                  TITLE, "jm0281 JRM Heater Op",
                  REQUESTOR, "JRMTEAM", PROCESSOR, "VC2",
                  KEY, "No Key")
                 SCHEDULED TIME, \00:00:00\, FROM REQUEST START,
                 THRM SET PT SEL("JIRAM OH", "NON OPERATIONAL")
       ),
       command(2,
                 SCHEDULED TIME, \00:00:01\, FROM PREVIOUS START,
                 THRM SET PT SEL("JIRAM DECON", "NON OPERATIONAL")
       command(3,
                 SCHEDULED TIME, \00:00:02\, FROM PREVIOUS START,
                 THRM SET PT SEL("JIRAM ELECT BP", "NON OPERATIONAL")
       ),
 end;
$$EOF
```