

# MIT/IL SOFTWARE ANOMALY REPORT

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| MIT REPORT NO.<br>LNY-51 |
| PROGRAM<br>LUMINARY      |
| PROGRAM REVISION<br>69   |

|                                 |                           |                      |   |
|---------------------------------|---------------------------|----------------------|---|
| 1.1 ORIGINATOR:<br>D. A. Pettit | 1.2 ORGANIZATION:<br>GAEC | 1.3 DATE:<br>3/26/69 | 1.4 ORIGINATOR CONTROL NO.<br>LM-LUM-14 |
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1.5 DESCRIPTION OF ANOMALY:  
 When P20 is exited by means of V56, and no other program is running concurrently, the major mode display on the DSKY goes blank. V37 flashes requesting a new program. The major mode on the DSKY remains blank until a new program is selected via the DSKY. The integration in P20 is completed before exiting P20, but while in program blank there is no integration performed, i.e., the downlink state vectors will remain static until a new major mode is selected.

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1.6 DESCRIPTION OF RUN:  
 FMES/FCI

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- MIT ANALYSIS -

2.1 CAUSE:  
 The program is designed to operate as described.

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2.2 RECOGNITION:  
 N/A

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2.3 MISSION EFFECT:  
 None

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2.4 AVOIDANCE PROCEDURE:  
 Answer the Flashing V37 as soon as practical.

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2.5 RECOVERY PROCEDURE:  
 N/A

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2.6 PROGRAM CORRECTION:  
 None. This is not an anomaly.

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2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc):  
 None

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2.8 RECOMMENDED RE-TESTING:  
 None

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| 2.9 MIT/IL SIGNATURE:<br><i>Henry W. Cherry</i> | 2.10 DATE:<br> |
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3.1 NASA DIRECTION:

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4.1 CLOSING ACTION TAKEN:

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| 3.2 NASA/MSG SIGNATURE: | 3.3 ORGANIZATION | 3.4 DATE: | 4.2 SIGNATURE: | 4.3 ORGANIZATION: | 4.4 DATE: |
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