

# MIT/IL SOFTWARE ANOMALY REPORT

MICROREPORT NO. **LN/31**

1.1 ORIGINATOR: <b>J. KERNAN</b>	1.2 ORGANIZATION: <b>MIT/IL</b>	1.3 DATE: <b>1/20/69</b>	1.4 ORIGINATOR CONTROL NO.	PROGRAM <b>LUMINARY</b> PROGRAM REVISION <b>69</b>
1.5 DESCRIPTION OF ANOMALY: Request Executive (V30) and Request Waitlist (V31), which require loading Noun 26, should not be used with programs which share the N26 erasables, DSPTEM 1, +1, and +2.  The other nouns which use there erasables are 4, 5, 25, 34, 41, and 97.				
CONTINUED ON PAGE <b>2</b>				
1.6 DESCRIPTION OF RUN:  Use V30 or V31 while running a program or routine which uses one of the above nouns; e.g., P21.				
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<b>- MIT ANALYSIS -</b>				
2.1 CAUSE:  <b>Erasable conflict.</b>				
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2.2 RECOGNITION:  <b>Abnormal program behavior.</b>				
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2.3 MISSION EFFECT:  <b>Indeterminate.</b>				
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2.4 AVOIDANCE PROCEDURE: <b>Don't use V30 or V31 (or load N26) during any of the programs or routines mentioned in 1.5.</b>				
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2.5 RECOVERY PROCEDURE:  <b>Terminate the program or routine and reselect it.</b>				
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2.6 PROGRAM CORRECTION:  <b>Use unshared erasables for Noun 26.</b>				
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2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc):  <b>Program note.</b>				
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2.8 RECOMMENDED RE-TESTING:  <b>None.</b>				
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3.1 NASA DIRECTION:			2.9 MIT/IL SIGNATURE: <i>obz D.V.C.</i> <i>J. Kernan</i>	2.10 DATE: <b>1-21-69</b>
CONTINUED ON PAGE			3.1 CLOSING ACTION TAKEN:  <b>Program note in LUMINARYIA also</b> <i>George W. Cherry</i>	
CONTINUED ON PAGE			CONTINUED ON PAGE	
3.2 NASA/MSG SIGNATURE:	3.3 ORGANIZATION	3.4 DATE:	4.2 SIGNATURE:	4.3 ORGANIZATION
4.4 DATE:				

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REPORT NO.
PROGRAM LUMINARY
PROGRAM REVISION 69

## 1.5 Description of Anomaly, cont'd.

The programs and routines which use the nouns in question are:

R04 (N25)	P06 (N25)
P07 (N41, N97) ground test	P12 (N25)
P20 (N05, N25)	P21 (N34)
P22 (N05, N25)	P38 (N34)
P40 (N25)	P42 (N25)
P51 (N05, N25)	P52 (N05, N25, N34)
P57 (N04, N05, N25, N34)	P63 (N25)
P70 (N25)	P71 (N25)
P78 (N34)	