

# MIT/IL SOFTWARE ANOMALY REPORT

REPORT NO. <b>LNy 30</b>
PROGRAM <b>LUMINARY</b>
PROGRAM REVISION <b>69</b>

1.1 ORIGINATOR: <b>R. COVELLI</b>	1.2 ORGANIZATION: <b>MIT/IL</b>	1.3 DATE: <b>1/20/69</b>	1.4 ORIGINATOR CONTROL NO.
2.5 DESCRIPTION OF ANOMALY: <b>A restart in P63 can cause a case where VSELECT will not be properly initialized.</b>			
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2.6 DESCRIPTION OF RUN: <b>Visual inspection of coding revealed the problem.</b>			
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<b>- MIT ANALYSIS -</b>			
2.1 CAUSE: <b>Restart gap.</b>			
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2.2 RECOGNITION: <b>Abnormal program behavior - unpredictable.</b>			
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2.3 MISSION EFFECT: <b>Unknown.</b>			
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2.4 AVOIDANCE PROCEDURE: <b>Initialize VSELECT prior to P63.</b>			
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2.5 RECOVERY PROCEDURE: <b>Select P70 or P71.</b>			
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2.6 PROGRAM CORRECTION: <b>Initialize VSELECT at start of P63.</b>			
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2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc): <b>Fix for LUMINARY 1A.</b>			
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2.8 RECOMMENDED RE-TESTING: <b>Confirm nominal performance during powered descent.</b>			
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3.1 NASA DIRECTION:		2.9 MIT/IL SIGNATURE: <i>James S. Korman</i>	
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3.2 NASA/MS SIGNATURE:		4.1 CLOSING ACTION TAKEN: <b>Fix in LUMINARY 1A</b> <i>James W. Cleary</i>	
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3.3 ORGANIZATION:	3.4 DATE:	4.2 SIGNATURE:	4.3 ORGANIZATION:
4.4 DATE:			