

MIT/IL SOFTWARE ANOMALY REPORT

MSC REPORT NO. LNy 35
PROGRAM LUMINARY
PROGRAM REVISION 69

1.1 ORIGINATOR: N. Barnert	1.2 ORGANIZATION: MIT/IL	1.3 DATE: 1/30/69	1.4 ORIGINATOR CONTROL NO.
1.5 DESCRIPTION OF ANOMALY: V83 gives incorrect results at small ranges. <div style="text-align: right;">CONTINUED ON PAGE</div>			
1.6 DESCRIPTION OF RUN: V83 at small range (1 n.m. or less) <div style="text-align: right;">CONTINUED ON PAGE</div>			
- MIT ANALYSIS -			
2.1 CAUSE: Overflow in computation (See SUNDISK Anomaly 28 and SUNDISK Memo 10-68) <div style="text-align: right;">CONTINUED ON PAGE</div>			
2.2 RECOGNITION: Periodic discontinuity of RDOT display <div style="text-align: right;">CONTINUED ON PAGE</div>			
2.3 MISSION EFFECT: None <div style="text-align: right;">CONTINUED ON PAGE</div>			
2.4 AVOIDANCE PROCEDURE: None <div style="text-align: right;">CONTINUED ON PAGE</div>			
2.5 RECOVERY PROCEDURE: None <div style="text-align: right;">CONTINUED ON PAGE</div>			
2.6 PROGRAM CORRECTION: <u>ADD</u>-VSRI-before unit of Range . NORM UNIT <div style="text-align: right;">CONTINUED ON PAGE</div>			
2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc): Prog. Note for LUMINARY I, Fix for IA <div style="text-align: right;">CONTINUED ON PAGE</div>			
2.8 RECOMMENDED RE-TESTING: If fixed in IA , retest at small range. <div style="text-align: right;">CONTINUED ON PAGE</div>			
2.9 MIT/IL SIGNATURE: <i>James S. Korman</i>		2.10 DATE: 2-5-69	
3.1 NASA DIRECTION: <div style="text-align: right;">CONTINUED ON PAGE</div>		3.2 CLOSING ACTION TAKEN: Program Note in SONDANCE LUMINARY Fixed in LUMINARYIA <i>Henry Cherry</i> <div style="text-align: right;">CONTINUED ON PAGE</div>	
3.2 NASA/MSC SIGNATURE:	3.3 ORGANIZATION	3.4 DATE:	4.2 SIGNATURE:
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