

# MIT/IL SOFTWARE ANOMALY REPORT

MIT REPORT NO. <b>LNJ 74</b>
PROGRAM <b>LUMINARY</b>
PROGRAM REVISION <b>99</b>

1.1 ORIGINATOR: <b>D. Millard</b>	1.2 ORGANIZATION: <b>MIT/IL</b>	1.3 DATE: <b>5/20/69</b>	1.4 ORIGINATOR CONTROL NO.
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1.5 DESCRIPTION OF ANOMALY: In P57 a bad alignment will result in the following cases:

For alignment technique 2: If the star code is for Sun, Earth or Moon for both sightings.  
If first body sighted is a star and the second body is Sun, Earth, or Moon.

For alignment technique 3: If the star code is for Sun, Earth or Moon.

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1.5 DESCRIPTION OF RUN:  
Eye ball

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- MIT ANALYSIS -

2.1 CAUSE:  
Erasable conflict when LOCSAM, i. e., LSPOS

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2.2 RECOGNITION:  
Bad alignment

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2.3 MISSION EFFECT:  
Unknown

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2.4 AVOIDANCE PROCEDURE: For alignment tech: 3: Use Planet code (00) and key in Sun or Earth vec. For alignment tech: 2: If sighting on star and sun or earth, specify Sun or Earth first. (This procedure being verified)

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2.5 RECOVERY PROCEDURE:  
Redo alignment

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2.6 PROGRAM CORRECTION:  
Re-assign LSPOS erasables

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2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc):  
Fix in next LUM release

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2.8 RECOMMENDED RE-TESTING:  
Retest the options cited in 1.5 above.

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2.9 MIT/IL SIGNATURE: <i>James E. Shannon</i>	2.10 DATE: <i>5/20/69</i>
4.1 CLOSING ACTION TAKEN: <i>repair in LUMINARY 1B Steve Cherry</i>	

3.1 NASA DIRECTION:

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3.2 NAS/WMSC SIGNATURE:	3.3 ORGANIZATION:	3.4 DATE:	4.2 SIGNATURE:	4.3 ORGANIZATION:	4.4 DATE:
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