

MIT/IL SOFTWARE ANOMALY REPORT

REPORT NO.	LN 74
ISSUED BY	LUMINARY
CONTROL NO.	99

1.1 ORIGINATOR: D. Millard	1.2 ORGANIZATION: MIT/IL	1.3 DATE: 5/20/69	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. Conner</i>	2.10 DATE: 5/22/69
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3.1 NASA DIRECTION:

4.1 CLOSING ACTION TAKEN:
*Report in LUMINARY LB.
Henry Cherry
FIXED
MEMO 91*

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