Radar Pre-designation routine does not work.

Alarm 530 when the CSM should be coming into coverage.

None.

Do not select P22 until CSM is within RR coverage. This time can be supplied from the ground or inferred from the range, range-rate display...

If alarm 530 is displayed, answer display and reselect P22 when CSM is within RR coverage.

Fix coding in Pre-designate.

Work-around in LUMINARY 1B; fix in LUMINARY 1C.

MSC Form 1409 (Rev May 68)
4 Avoidance Procedure, cont'd.

...of R31 (V83). When the range-rate is negative, there is a known range at which the vehicle enters radar coverage, assuming nominal CSM orbit and LM orientation.