

Date: 31<sup>st</sup> August 1998

## Echelon Startup

Affected: All Echelons up to and including consoles with serial number G98XXX. Console manufactured after this date will include this modification as standard.

Symptom: Consoles are prone to crashing or dropping their memory on start up ie. effected consoles crash after displaying their normal boot ROM messages, or report "no show in memory" when one was known to be previously loaded. The effect may be found to be worse when desk lights are run at an intermediate level.

Cure: Add a 1M Ohm 0.25W 5% resistor between pins 9 and 10 of IC15. This ensures the shut down sequence is properly executed.

### Procedure:

1. Ensure any show data has been saved.
2. Remove base.
3. Locate IC15 on the CPU card near the main power inlet connector.
4. Solder the resistor between:
  - The end of R14 closest to L3
  - The wiper of VR2
5. Check for correct operation.

Add the resistor between the positions indicated on the diagram below.

