



# LADS Maintenance

LADS is designed as a total hydrographic data acquisition system of which maintainability and system availability are key characteristics. LADS maintenance comprises three levels.

### First Line Maintenance

- The isolation and replacement of faulty equipment in the aircraft.
- Built in tests and diagnostics in the airborne equipment.
- Plug-in Field Replaceable Units (FRUs) with commercial and special to type equipment to allow rapid repair and turnaround of the system.

### Second Line Maintenance

Confirmation of equipment status and minor repairs are carried out in a fully equipped Field Maintenance Facility providing:

- Storage of complete set of FRUs in anti-shock cases, basic consumables and tools.
- Commercial and special to type test equipment.
- Temperature and humidity controlled workshop.
- Full set of diagnostic/servicing documentation.

Where faults cannot be remedied by minor repair at second line level the complete FRU is shipped to the maintenance depot in an anti-shock transit case.

### Third Line Maintenance

- Repair at depot.
- Release of equipment to field following repair and test certification.

