

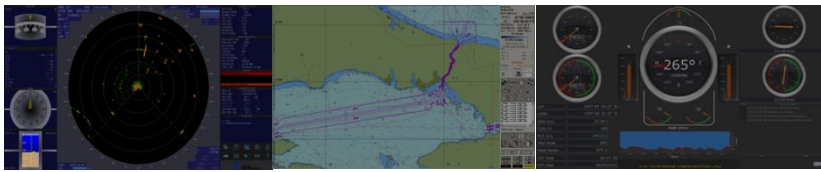
Integrated Bridge System is the latest navigation system that has various capabilities to combine all navigation features within one suite. Integrating these capabilities with mission management and platform management helps optimizing effectiveness and contributes to crew reduction.

THALES IBS has provisions to support future Combat Bridge solutions.

- Automatic Radar Plotting Aid (ARPA)
- Conning
- Electronic Chart Display Information System (W)ECDIS
- Mission Management
- Integration with Integrated Platform Management System (IPMS) and Combat Management System (CMS)

IBS Integrated Bridge System





IBS

Integrated Bridge System

Main features

- Open Architecture, scalable and modular structure by means of hardware and software helps to adapt to all type of platforms.
- Ruggedized COTS components provide cost efficiency.
- Reduced manning (one-man bridge).
- Workstations are multi-functional so no dedicated console for one functionality (such as Radar or ECDIS Console).
- High level of redundancy.
- Integration with IPMS and CMS provides "Combat Bridge" concept for special vessels.
- Reduce on board installation and maintenance activities by using common hardware.
- The system is operational on more than 10 platforms

Functional aspects

- Conning
- Automatic Radar Plotting Aid (ARPA)
- Electronic Chart Display Information System (W) ECDIS
- Mission Management
- IPMS Integration
- CMS Integration

Technical characteristics

- Client-Server Architecture
- 10 Gbps Fiber Optic backbone
- Sensor Data Concentration and Distribution (NMEA-0183)
- MIL qualified or Type (Class) Approved hardware
- Not dependent on any brand, Free selection from any Radar, ECDIS or navigation sensors
- Ergonomics acc.to ANEP-26

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