

THE VALUE OF PERFORMANCE.
NORTHROP GRUMMAN

VisionMaster FT Integrated Bridge System Overview

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Definition - Integrated Bridge

IEC 60992 Standard

Integrated Bridge System (IBS) is any combination of systems which are interconnected in order to allow centralized access to sensor information or command/control from workstations to perform two or more of the following operations:

- Passage execution;
- Communications;
- Machinery control;
- Loading, discharging and cargo control;
- Safety and security.



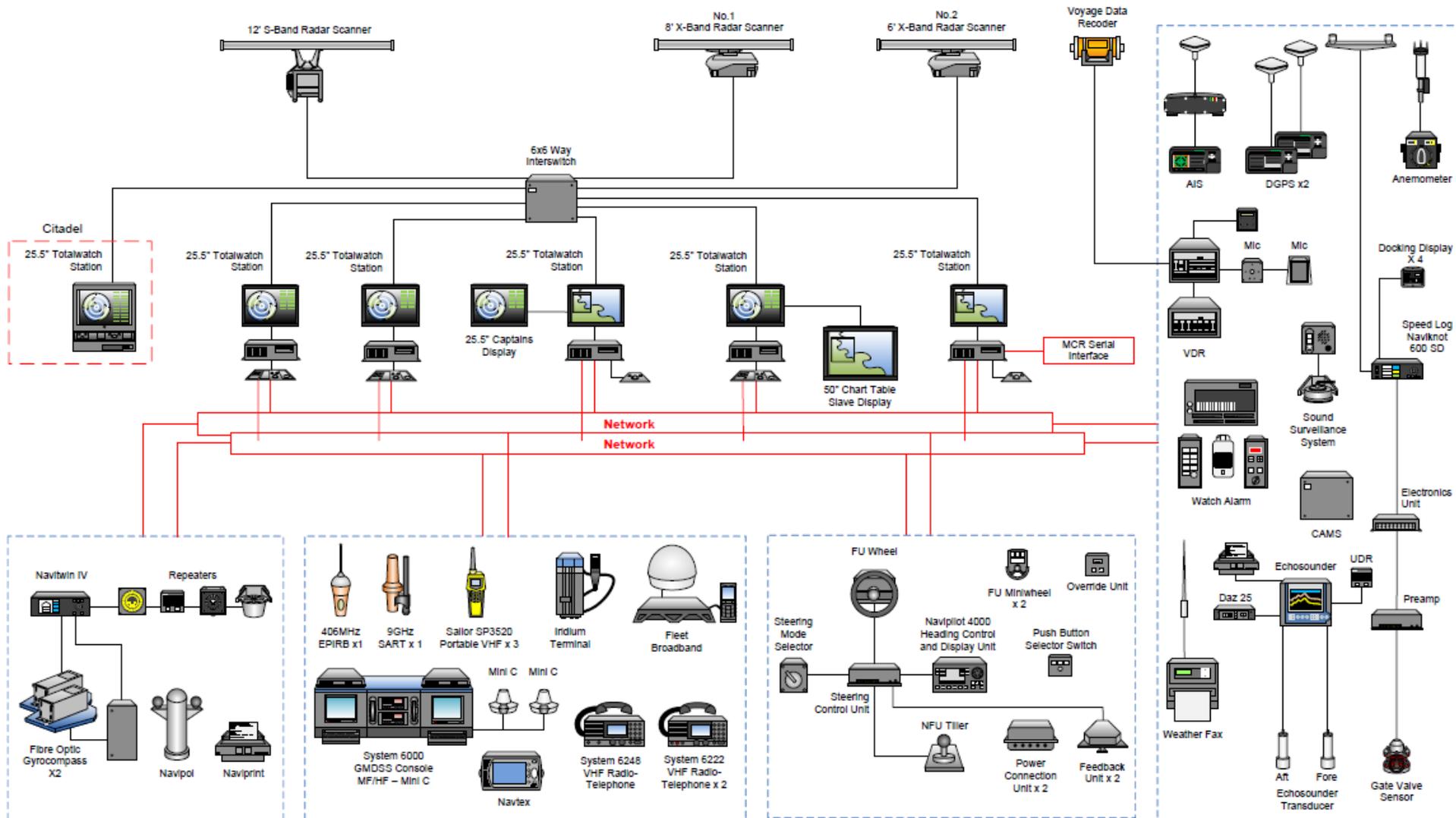
Management operations may also be performed within the IBS.

Integrated Bridge System

- Uniform interface for minimized training and contributes to vessel operating efficiency
- Built-in system redundancy reduces equipment downtime
- The uniform presentation of menus and screens enhances safe and efficient operation
- Interactive Conning Information Display (CID) for enhancing safety margins



Integrated Bridge System



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