



KONGSBERG

Tactical Bridge Systems

The integrated solution that combines navigation and combat management

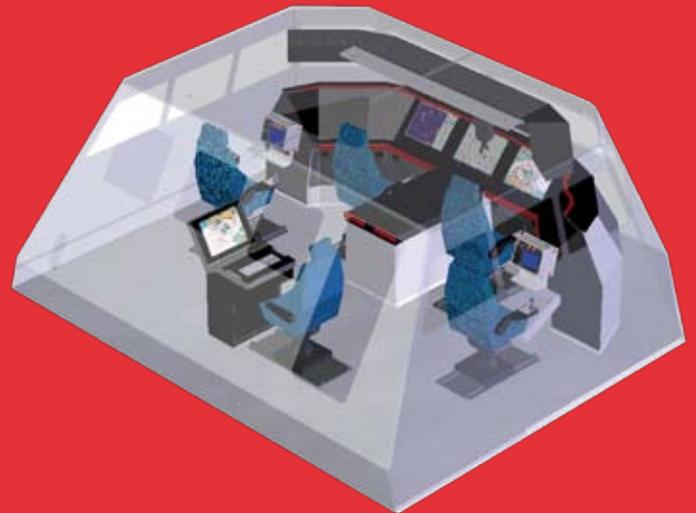
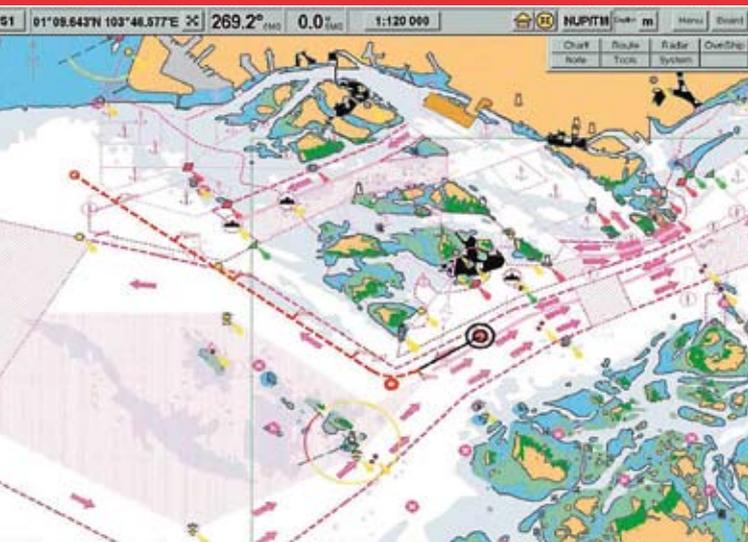


www.kongsberg.com

Tactical Bridge Systems

Search and Rescue (SAR)
Exclusive Economical Zones (EEZ) patrol
Surveillance
Special forces support
Humanitarian relief

Delivering outstanding
system performance
by combining technology and experience



Our mission

We aspire to earn respect and recognition for our dedication to providing innovative, reliable naval systems that ensure optimal performance at sea. By utilising and integrating our technology and experience in hydroacoustics, command & control, navigation, simulation and systems integration, we offer world-class naval systems that will further reinforce our leading position with respect to technologies and solutions for top performance in coastal and blue waters.

Our philosophy

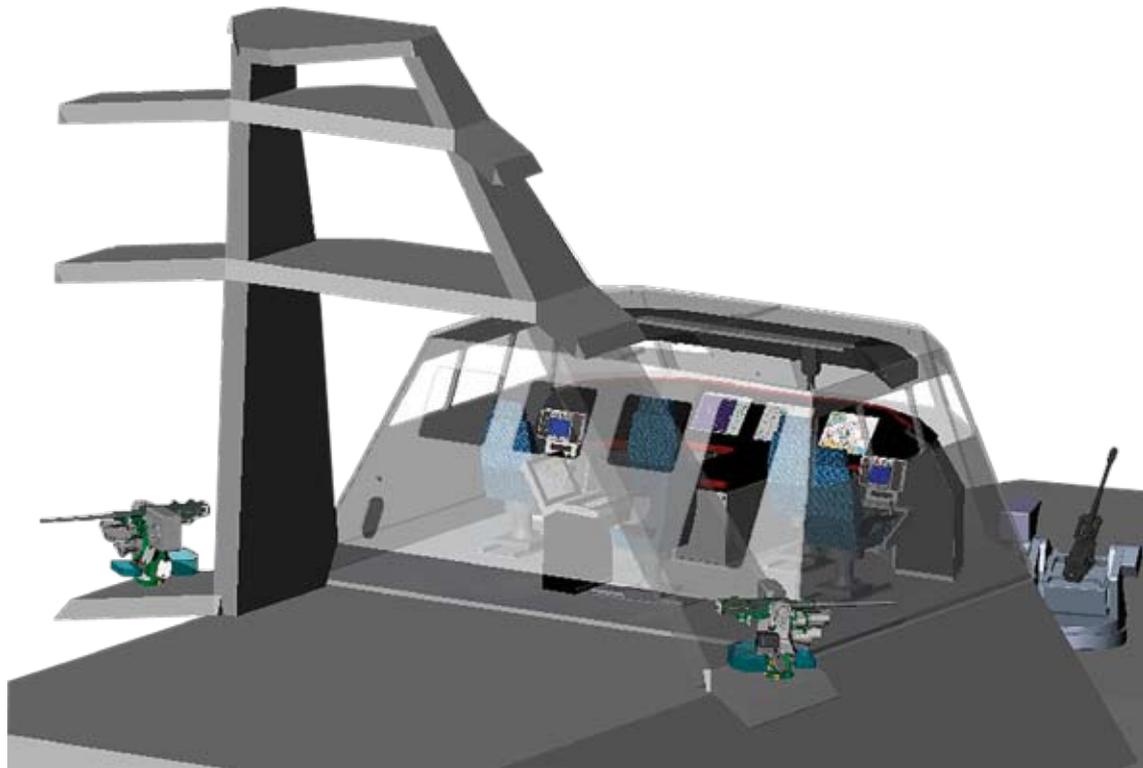
Success depends on customer satisfaction. We achieve our goals by actively listening to our customers and truly understanding their needs, and then translating those needs into successful products and solutions. Skilled people are the key to our success and we give our customers the tools they need to succeed. We work together in a global network of knowledge, guided by our values, giving rise to innovation and world-class performance.

A new dimension wheelhouse control

KONGSBERG Tactical Bridge System features an integrated solution designed to support the navigator in all phases of vessel operation using workstations optimised for the bridge environment.

The Tactical Bridge System supports all navigation functions required by naval vessels, e.g. ARPA, (W)ECDIS, (W)AIS. In addition, the system provides Combat Management System (CMS) functionality, enabling wheelhouse operation of vessel self-protection and helicopter control. The system is interfaced with a variety of sub-systems, e.g. tactical data links, the helicopter control system and vessel self-protection weapons.

This unique combination supports lean manning and eliminates the need for a separate CIC on logistic support/utility vessels.

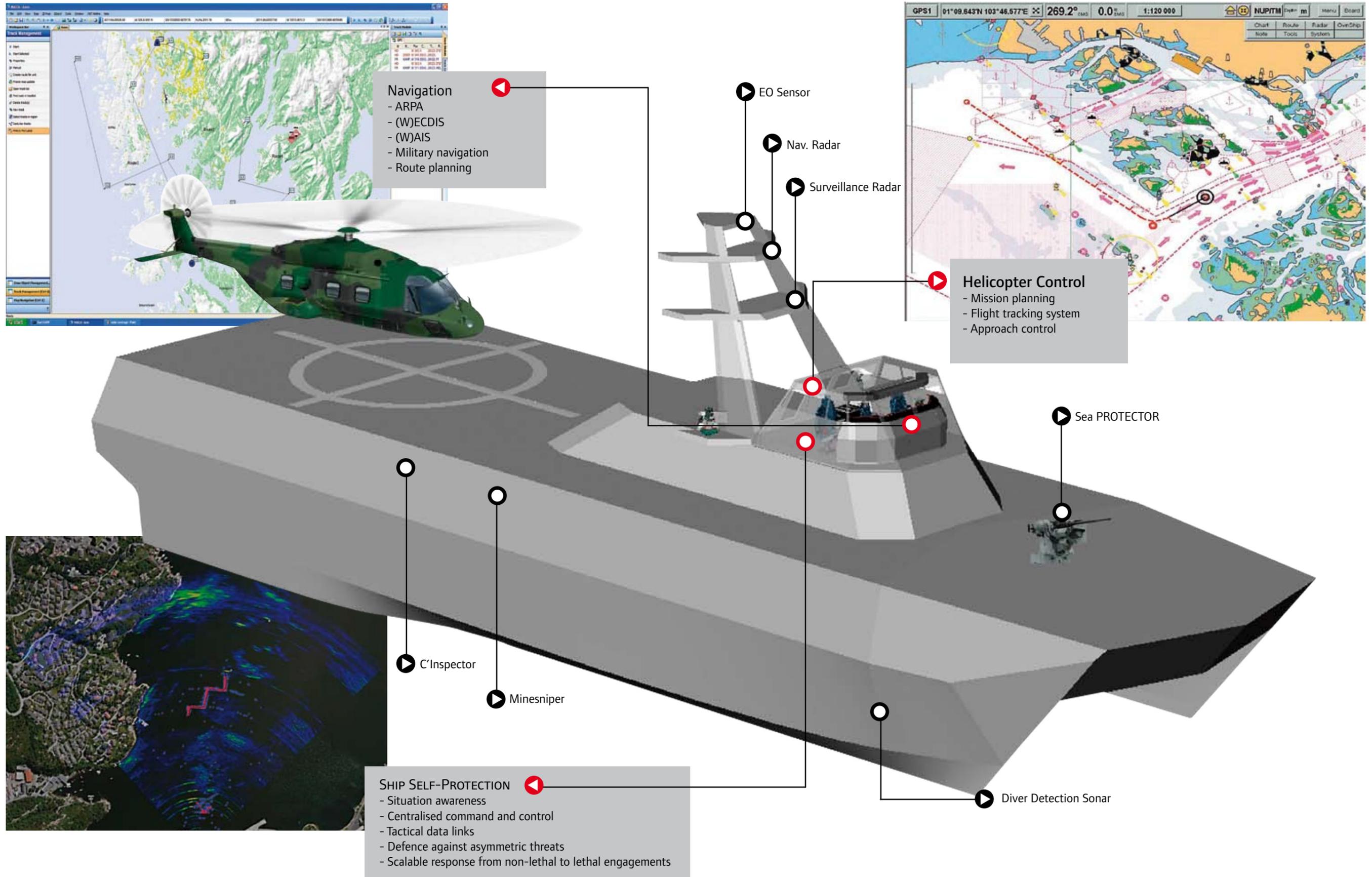


Situation awareness is the key to mission success

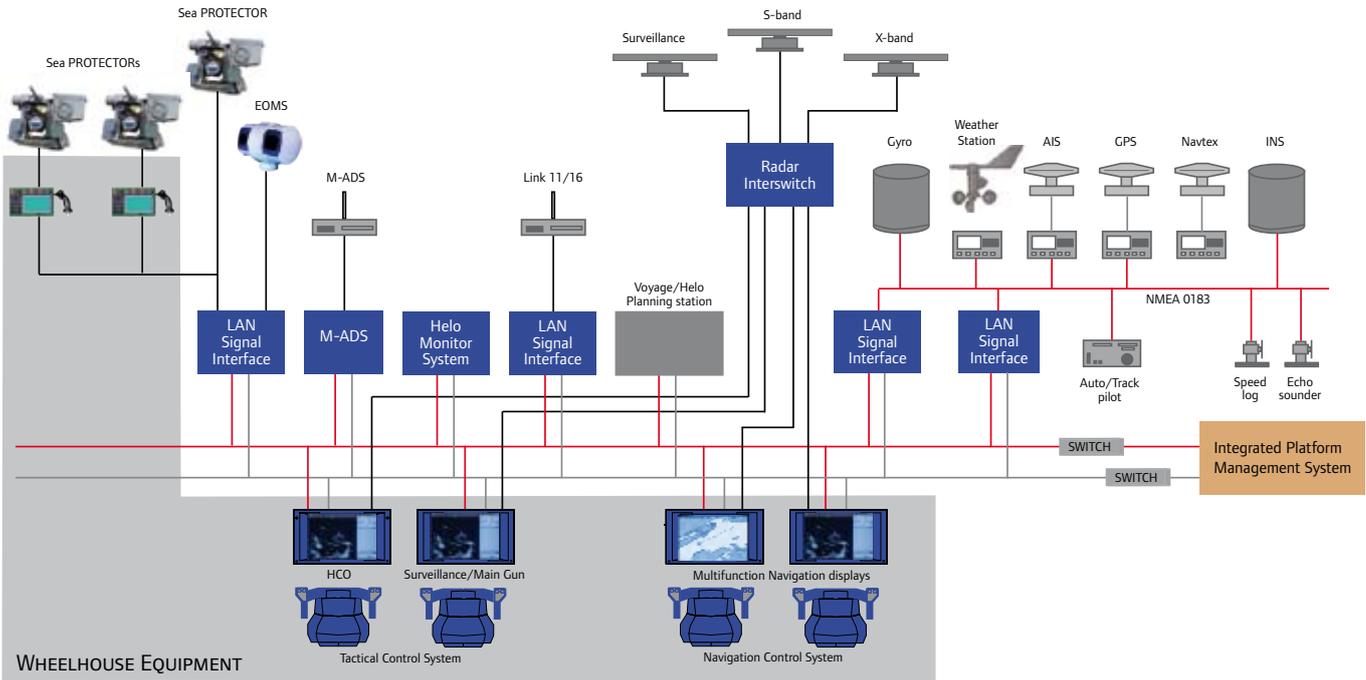


Skjold class fast patrol boats

KONGSBERG has also delivered the first Tactical Bridge System to the RNoN's Skjold class fast patrol boats. These vessels are capable of speeds up to 60 knots. Accordingly, they are subject to very strict requirements for safe navigation at high speeds. The design incorporates fully seated operation with armrest interaction devices, ensuring fast, safe operation under all circumstances.



Tactical Bridge Systems



The system architecture is modular and can be tailored to Customers' specifications.

Gyda class Home Guard vessel

The Gyda class vessels are the first ones being fitted with Sea PROTECTOR. The vessels are operated by the Norwegian Home Guard.

These vessels are mainly engaged in maritime surveillance, control of shipping, the surveillance and protection of specific objects, and support for the civilian community.



KONGSBERG Bridges

- **Full sized** for standing operation
- **Compact** for seated operation
- **Building blocks** for user integration:
Computers, Screens, Keyboards, Armrests

We're there for you, whenever and wherever you need us

Kongsberg Gruppen (KONGSBERG) primarily targets offshore, merchant marine and defence markets. The bulk of the Group's activities address the international arena, with Europe, the USA, the Middle East and Asia as the most important markets. KONGSBERG has two business areas: Kongsberg Maritime mainly addresses the offshore industry and merchant marine, while Kongsberg Defence & Aerospace's operations are directed at the defence and aerospace markets.

KONGSBERG has facilities world wide and has approx. 3 400 employees, some 500 of whom work outside Norway. The Group is one of Norway's largest industrial engineering communities, and its range of products is characterised by a high technology content. KONGSBERG's products have to function under the most demanding conditions as they are used from ocean depths down to 11 000 metres and up to solar panels on space probes that spend years hurtling through outer space.



Solid competence reduces cost

KONGSBERG has consistently recognised the importance of supporting its products and systems with professional training.

We tailor our training courses to our customer's requirements.



Upgrading pays

Product and system upgrades can improve your system/vessel operations and reduce overall maintenance costs. We ensure that existing products and systems can be extended and/or upgraded to meet customers' future requirements.

www.kongsberg.com

WORLD CLASS – through people, technology and dedication

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