

VANGUARD System



KONGSBERG



An innovative system for territorial waters Surveillance & Protection

-Ensuring mission success

FEATURES

- A Command & Control platform for manned and unmanned vehicles with a survey area far beyond the reach of conventional Navy vessels
- A hybrid ship, adapted to operational needs, built to the highest IMO standards with the necessary military reinforcements
- World class Operations Control System. One common architecture, five systems:
 - Combat Navigation
 - Combat Management
 - Platform Management
 - Communications Control
 - Security
- Proven ship design expertise from the roughest waters in the world
- Both procurement and maintenance costs significantly lower than Navy vessels, giving approximately 50% reduced Life Cycle Cost

A key national security requirement is the effective understanding of all activities, events and trends in the maritime domain that could threaten the safety, security, economy, or environment of a state.

VANGUARD is a maritime system adaptable and affordable to every role relevant to achieve this understanding and to act accordingly. The effective area covered by VANGUARD is the combined areas of the host ship and the UAVs/USVs acting in manned, remote or autonomous modes.

The Combat System extends from Self Defence to medium range Air Defence and long range Surface Warfare.

The host ship is designed for Organic Vehicle launch and recovery in high sea states, and the mission bay is optimised with elevator and handling system to ease preparations for new tasks and maintenance of equipment. Equipment for different roles is packed in ISO containers.

VANGUARD

BY KONGSBERG

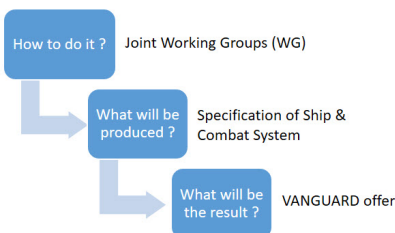


Sense - Decide - Act



Based on experience

VANGUARD combines World Class expertise in Naval Systems Integration from Kongsberg Defence & Aerospace AS, ship design expertise from the most challenging waters in the world by Salt Ship Design AS and ship equipment from Kongsberg Maritime AS which has proven its quality from more than 30 000 ships around the world.



Efficient configuration process

The VANGUARD system introduces an efficient and proven design to purpose process securing customer involvement in the configuration, local yards participation in the build process and short build time, all of which ensures that the ship is relevant and state of the art when delivered.

DNV Approved in principle

Compliance with Naval Ship Code may be achieved.

