The logical and flexible solution

The future of ship operation work stations

The new Rolls-Royce concept for ship operation work stations covers all types of work station – navigation, manoeuvring, dynamic positioning, anchor and deck operations and machinery control. Stations are built up from modules and a range of standardised components into systems meeting the shipowner’s requirements and preferences. Functions include operation planning, execution and monitoring, based on clearly presented information. The human-machine interface is based on an extensive study of requirements. Crews differ in height, arm reach and other parameters, so the system allows the operator to find a comfortable position, sitting or standing as needed, with controls ergonomically placed and necessary information presented on touch screens. Consistency in command transfer, system operation and alarm handling enhances operational safety.

For more information, please contact your nearest Rolls-Royce service centre.

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AC 0511 Printed in Norway
Human-centred design with focus on safety, performance, simplicity and proximity

OPERATIONAL BENEFITS:

Safety
- Comfortable operator positions
- Good visibility over working deck
- Consistent accessibility and command transfer for all systems in the work station
- Touch screens present required information in real time

Performance
- Situation assessment at a glance
- Direct view, clear GUI and overhead displays
- Unified information
- Unified monitoring
- Large screen planning workstation for operation or navigation planning

Simplicity
- Modular and unified console
- Consoles can be configured for marine, tender, working station, bridge wings and engine control room
- Reduced number of panel and push buttons
- Designed for ease of installation and maintenance

Proximity
- Sliding and adjustable chair, new control levers and armrests on control cases for different operator heights and builds
- Large touch-screen displays close to the operator
- Operators can sit or stand