The Royal Institution of Naval Architects

Warship 2015

Future Surface Vessels 10-11 June 2015, Bath, UK





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First Notice & Call for Papers

Modern navies are a trade-off between advanced technologies and cost, in both construction and operation. Versatility, flexibility, and affordability are key criteria which governments need to balance as warships become an exportable commodity, where market value is just as important as the strategic value of any newly built vessel.

A key theme in many new builds, that goes some way to address the inherent compromises in warship design, is modularity. The development of the Royal Navy Type 26 Frigate and the Littoral Combat Ship in the USA are cases in point. Modular design allows adaptability in meeting threats from smaller vessels, used by pirates and terrorists, to larger threats from enemy navies. While these examples come straight from the drawing board, other countries are adapting existing platforms to meet the ever changing strategic landscape.

To further investigate this topic RINA invites papers from naval architects, class societies, operators, researchers, and builders on all related topics, including:

- Requirements for future ships
- Supporting surface vessel capability
- Operational effectiveness and efficiency
- Survivability
- Structural integrity
- Lessons Learnt from Surface Vessel Projects

- Human factors
- Modularity in design, construction and outfitting
- New build over life extension
- Offboard systems and their integration
- · Habitability and manning

Selected papers may be published in the Transactions of the Royal Institution of Naval Architects

www.rina.org.uk/Warship2015

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