

The Royal Institution of Naval Architects

Warship 2018

Procurement of Future Surface Vessels

11-12 September 2018, London, UK



Supported by:



First Notice & Call for Papers

Modern navies are increasingly having to manage the trade-off between capability and cost. Versatility, flexibility, and affordability are key criteria which designers need to balance as warships become an exportable commodity, where market value may be just as important as the strategic value of any newly built vessel. Many nations are designing vessels with exportability in mind, this can mean that the Navy needs to accept some compromises to achieve this. On the other hand other nations are looking to build up their sovereign capability or to create jobs in country for national prosperity. In this scenario the nation must select a partner who can provide some degree of technology transfer and the key driver may not necessarily be the ships capability.

All of this is against the backdrop of rapidly advancing technologies including unmanned and autonomous systems, a changing threat environment and an insecure world; these factors require ever more adaptable ships that can fulfil a number of different roles and save money through life. Modularity may be one way to address this adaptability, however this approach has its compromises and there are other design considerations that must be in place to make a platform truly adaptable.

RINA invites technical papers on the following topics:

- Requirements for future ships;
- Influence of future technologies on design;
- Adaptability including modularity;
- New development vs MOTS approach to acquisition;
- Safety Assurance Approach;
- Operational effectiveness and efficiency;
- Unmanned and autonomous systems;
- Affordability in acquisition and through life;
- Exportability and Technology Transfer;
- Lessons Learnt from Surface Vessel Projects.

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

www.rina.org.uk/Warship2018

- ☐ I would like to offer a paper and attach a synopsis of no more than 250 words

Please submit your abstract before 21st May 2018

- ☐ I wish to receive details on exhibition space and sponsorship opportunities

- ☐ I would like to receive a full programme brochure and registration form

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