

## International Conference

# THE DAMAGED SHIP II

30-31 January 2013, London, UK

### First Announcement & Call for Papers

Following on from the success of the first RINA international conference on The Damaged Ship; this event will focus on the assessment and analysis of stability, strength, sea worthiness of a ship damaged by collision, grounding, structural failure, fire or explosion. It will also consider procedures to minimise risks for passengers, crew, ship, environment and to develop safe countermeasures including sequences for transferring, offloading cargo and ballast water for salvage operations.

After any major accident it is imperative to rapidly quantify the damage, assess damage stability and the residual strength of a vessel. Damage stability appraisal should also consider the likelihood of progressive flooding, capsizing probability and effect of waves on stability. There is a need to consider both the global strength capability of the ship structure and the local residual strength of damaged and buckled plating and the effect of flooding on internal structure. Although too early to draw conclusions, the Costa Concordia accident once again reinforces the need for a better understanding of a damaged ship's behaviour.

A number of organisations already offer ship owners a range of Emergency Response Services (ERS) including shore-based expert assistance and computer-based contingency planning systems. The aim of this conference is to bring together designers, operators, classification societies and legislative government bodies to consider the present state-of-the-art and future developments. Papers are invited on all aspects of assessment and analysis of the damaged ship, including but not limited to:

- Damage assessment
- Stability and seakeeping of the damaged ship
- Global and local integrity of the damaged ship
- Modelling of the damaged ship
- Flooding simulation tools
- Stability in waves.
- Pollution mitigation
- ERS planning and decision support systems
- Regulation on damage stability
- Education and training on damage stability



Royal Institution of Naval Architects

## [www.rina.org.uk/damagedship2013](http://www.rina.org.uk/damagedship2013)

- ☐ I would like to offer and attach a synopsis of no more than 250 words by: 29/06/2012
- ☐ 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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| Name:      | Position: |
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