



Damaged Ship V

11-12 March 2020, London, UK

Call for Papers

One of the most critical issues in naval architecture is the operational safety of vessels, and intact and damaged stability conditions are uppermost amongst factors to be considered for higher safety level requirements for both commercial and military ships.

After any major accident it is imperative to rapidly quantify the damage, assess damaged stability and the residual strength of a vessel. Any damaged stability appraisal must also consider the likelihood of progressive flooding, the effect of the mass and motion of flood water within the vessel, capsizing probability, and the effect of waves on stability. There is a need to consider both the overall strength of the ship structure and the local residual strength of damaged and buckled plating and the effect of flooding on internal structure.

Following on from the successes of previous RINA Damaged Ship conferences; 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, and environment and to develop safe countermeasures including sequences for transferring crew and offloading cargo and ballast water, for salvage operations.

RINA invites papers from designers, builders, salvage operators, classification societies and legislative government bodies on topics including:

- Initial damage assessment and verification
- Behaviour of a damaged ship in a seaway
- Stability in waves, extreme motions, capsize dynamics
- Modelling water ingress and ship flooding
- Assessment of global and local integrity of the damaged ship
- Pollution minimisation and mitigation
- ERS planning and decision support systems
- Existing, and proposals for future, damaged stability regulation
- Education and training on damaged stability
- Engineering of lifting operations

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



If you are interested in submitting an abstract please click on:

https://www.rina.org.uk/Register_Interest_in_Event.html

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

Please submit your abstract before 4th November 2019

I wish to receive details on exhibition space and sponsorship opportunities

Name:	Position:
Company:	
Address:	
	Postcode:
Telephone:	Email:

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