The Royal Institution of Naval Architects

Structural Load & Fatigue on Floating Structures

25-26 February 2015, London, UK
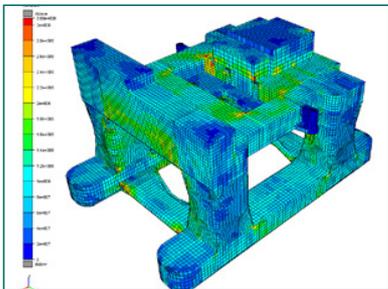
Call for Papers

Floating structures, whether ship shaped, semi-submersible or spar design have been deployed in offshore oil developments for storage, processing and offloading since the 1970s. In recent year this type of technology has also been extended to also include floating LNG plants and re-liquefaction units, and process and power generation plants.

Today these systems are being deployed in more remote and harsher environments, and sometimes beyond their original design life, this results in increased loading, for example from ice, that affects not only on the structure but also critical components such as mooring systems, flexible risers and umbilical's, bearings, and swivels. This means the investigation into through life structural analysis and the effects of fatigue on a structure is important not only in the assessment of risk, but the potential in extending the life of a structure.

RINA invites papers from naval architects, class societies, operators, researchers, and builders on all related topics, including:

- Advanced numerical modelling methods
- Load analysis and the associated structural analysis
- Rules, guidance and recommended practice
- Assessing environmental data and loading, including ice loading
- Effects of deployment and re-deployment
- Life extension
- Stress load monitoring, inspection & maintenance strategies

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

www.rina.org.uk/Structural_Load_2015

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

Please submit your abstract before 30th November 2014

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

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

Name: _____ Position: _____

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