



MAY 2016

RINA WESTERN BULLETIN

Technical Presentation & Annual General Meeting

Thursday 19 May 2016

**Northbridge Piazza
144 James Street**

17:30 refreshments for 18:00 start

Risk Based Classification

Samuel Chadwick DNV GL

RINA COMMITTEE

Chairperson: Matthew Williamson
Vice Chair: Nick Bentley
Secretary: Mal Waugh
Treasurer: Troy Munro
Division Rep: Kalevi Savolainen
Committee: Vesna Moretti
Ben Fell
Yuriy Drobyshevski
Tim Brazier
James Barton
Andrew Philips

UPCOMING EVENTS

Annual General Meeting

Advance notice is given for the WA Section AGM. This will take place on 19 May 2016 at the Northbridge Community Centre immediately following May's technical meeting.

Committee Members

RINA Section Rules require refreshing of the Committee through having a maximum length of tenure for Committee Members. If you would like to be more active in membership then consider becoming a Committee Member. Please contact the Committee via rina.westaus@gmail.com in the lead up to the AGM on 19 May 2016 if interested.

Technical Meeting Thursday 20 July

The next technical meeting topic is Marine Assurance to be presented at the Northbridge Community Centre commencing at 1730 for 1800 start.

AOG 2016 Thank You

The WA Section would like to express their extreme gratitude to Yuriy Drobyshevski for his outstanding efforts in bringing together the RINA stream for AOG 2016 and to Troy Munro for organizing the Institution Stand within the exhibition.

Presentation Abstract

Prescriptive Classification has been around for 250 years. More recently Class societies and owners are increasingly adopting risk based strategies when performing in service inspections for distinct aspects of a vessel such as structures and machinery.

The question is: why stop there? Why not follow a risk based approach for the entire facility from design to operations?

This presentation provides an overview of complete risk based classification of offshore units and discusses the pros and cons when compared to prescriptive classification.

This presentation will describe the processes and procedures that can be taken to develop risk based classification based on upon DNV GL OSS-121 Classification Based on Performance Criteria. Determined from Risk Assessment Methodology. Risk based classification will be described for both the design and construction and the operational phases of a units lifecycle.

Presenter - Samuel Chadwick

Samuel Chadwick is a Naval Architect with over 16 years' experience of Classification and Verification of floating offshore units with specific expertise for units operating in Australian and UK waters. Samuel is currently Principal Engineer DNVGL's Facilities and Projects section in Perth and DNVGL regional practice leader for In-Service Verification.