

South Australia combined activity

The Institute of Marine Engineering Science and Technology
Royal Institution of Naval Architects
email: danimh@tpg.com.au



Invitation to attend

Date: Wednesday 15th June 2011

Time: 5.30pm for 6pm start

Venue: ASC North, 694 Mersey Road, Osborne, 5017

Registration: Essential, closes 10th June 2011

Claim Argument Evidence Approach to Safety Cases for Maritime Platforms

Synopsis:

This presentation introduces a new approach in Australia to developing safety cases which can be applied to both new and existing vessels. This approach is currently being applied by ASC to provide a safety management framework and measure of safety confidence on platforms not previously designed or built using contemporary safety case methodology.

Safety Cases are now mandated by the RAN for new naval vessels and are widely used in the offshore and maritime industry, however there are no standards defining what constitutes a good safety case. Regulation defines the content of a safety case but not the methodology or approach necessary to meet the intent. Safety Engineering Standards are often referenced for safety cases (e.g. MIL-STD-882). Although these standards provide guidance on hazard definition and management, they do not extend to the development of sound safety cases.

The Claim Argument Evidence approach to safety cases as applied to naval platforms has its derivation in the UK over a number of years and is synonymous with the new IMO Goal Based Design Regulatory Standard.

The speaker will introduce the concept, demonstrating how it has been applied and how it can be used as the basis for any maritime platform.

About the speaker:

Malcolm Morrison (FRINA) BSc (Hons) in Naval Architecture has 38 years experience in the naval shipbuilding and design industry. For the last seven years he has been employed as the Safety and Engineering Assurance Manager at ASC, where he established a new Safety Engineering and Assurance department and has gained industry recognition in the specialised safety engineering domain.

Malcolm's experience in shipbuilding extends to positions in design and project/construction management of naval programs both in Australia and UK. Prior to joining ASC, Malcolm was the Design Manager for the ANZAC Ship Project for over six years, during which time he was involved in the ANZAC Ship Alliance, responsible for the design and integration of major weapon upgrades and new capability. Prior to immigrating to Australia in 1997 his career included senior positions in the design and build of various naval vessels, including: Type 22 and Type 23 Frigates; MCMVs; Patrol Craft; and the concept phase of the RN Future Aircraft Carrier (CVF).

Registration:

For site security reasons, anyone with an interest in attending **must** register with Danielle Hodge
danimh@tpg.com.au Registrations will close 10th June 2011

Note: This flyer can be circulated to anyone with an interest in the topic above.

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