

Goldrick Webinar Session 8 - Evaluating and Sustaining RAS Capabilities

Presentation Title: *RAS – The Test & Evaluation Challenge to Assure Navy’s Capability*

Presenter: *Mathew Bradley, Campaign Lead- Ranges, Test & Evaluation, QinetiQ Australia*

Presentation Synopsis:

The accelerating commercial availability of remote autonomous systems provides an opportunity for Navy to create operational advantage and mitigate physiological limitations of crewed maritime capabilities. However, the integration and exploitation of autonomous systems within a warfighting context will challenge existing test and evaluation processes. A situation that will be further challenged by the requirement that these inherently complex systems operate in a manner that is predictable, persistent and, when required, lethal. To assure required levels of performance, certification of autonomous systems must harness the innovative nature of these emerging technologies as a digitally enabled ‘new way’ of assuring navy capabilities.