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RINA&IMarEST Technical Presentation

The NEW AIMS Research Vessel

Presenter	Peer Thurling Senior Project Manager, Gibbs & Cox Australia and Elettra Ganoulis Naval Architect and Project Manager, One2three Naval Architects
Date	Wednesday 3 July 2024
Time	6:00 pm AEST refreshments 6:30 pm AEST presentation
Venue in person	Henry Carmichael Theatre Level 1, Sydney Mechanics School of Arts 280 Pitt St, Sydney
online	URL and password will be advised prior to the presentation Registration for the presentation is required (see below)

The Australian Institute of Marine Science (AIMS) is a Commonwealth marine science research organisation which supports the sustainable use and protection of Australia's tropical marine ecosystems. AIMS is a world leader in tropical marine research, providing a unique insight into Australia's tropical waters, and knowledge to develop globally-relevant and innovative research solutions to improve ocean health, and protecting coral reefs from climate change.

AIMS conducts research from Shark Bay in Western Australia, across the northern coast and its marginal seas, and to the southern extremity of the Great Barrier Reef on the east coast. AIMS' world-class research infrastructure includes two coastal research vessels, and the Sea Simulator National Facility, the world's most advanced research aquarium complex.

The AIMS research vessel fleet consists of two purpose-built ships, *RV Cape Ferguson* and *RV Solander*, and a number of smaller vessels which take researchers to the diverse habitats of Australia's northern coasts. Both large vessels are approaching end-of-life, and replacement vessels need to meet the current and future needs of AIMS and its stakeholders.

This presentation outlines the challenges and opportunities in delivering the next AIMS research vessel and its supporting infrastructure. It discusses the development of requirements, the design process, construction limitations, the development of the supply chain, stakeholder engagement, environmental and social impacts, and the expected benefits of the new vessel. The presentation will address program challenges associated with the development of a Business Case for approval by Government, the schedule constraints around delivering a new vessel before the retirement of an existing vessel, and the two-stage procurement process for selecting shipyards and modular capability contractors.

Registration Registration for this presentation may be completed at

<https://forms.gle/WVam4o2BdL2cM5Ga7>

Registrations close at 6:00 pm AEST on Tuesday 2 July. Registration for in-person attendance is required to gauge numbers for catering. Those registered for online participation will be emailed the Zoom meeting ID and passcode on the evening of 2 July.

Register and put this date in your diary now, and we look forward to you joining the presentation.