



**RINA**

**NSW Section**



**IMarEST**

**ACT & NSW  
Branch**

## **RINA/IMarEST Technical Presentation**

### **HMAS *Choules* SEA3030 Mid-Life Upgrade**

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|------------------------|---|
| <b>Presenter</b>       | Lachlan Rowley<br>Engineering Manager<br>Atlantic & Peninsula Australia                     |
| <b>Date</b>            | Wednesday 5 July 2023   |
| <b>Time</b>            | 6:00 pm AEST refreshments<br>6:30 pm AEST presentation                                      |
| <b>Venue in person</b> | Henry Carmichael Theatre<br>Level 1, Sydney Mechanics School of Arts<br>280 Pitt St, Sydney |
| <b>online</b>          | URL and password will be advised prior to the presentation                                  |

Registration for the presentation is required (see below)

The SEA3030 mid-life upgrade on HMAS *Choules* was the largest design and refit project executed on Garden Island in 15–20 years, since the \$1 billion FFG upgrade project. The project had a budgeted expenditure of \$180 million and involved key collaboration between Commonwealth, Navy, Atlantic & Peninsula, and a wide field of industry partners. The project drove Australian Industry Content (AIC), boasting a 91% AIC expenditure rate.

This presentation will outline the ship engineering changes, focussing on a number of key tasks including HVAC, dry exhaust, ballast-water treatment system, and associated ingress/egress routes; and project challenges including labour force, COVID, European unsettlement, weather, and overall project scope and schedule. The culmination and success of the project were the sea trials in which HMAS *Choules* sailed on time and without any major disruptions to the sea trial program.

**Registration** Registration for this presentation may be completed at

<https://forms.gle/AL7kdfCQj74dfFdi7>

Registrations close at 6:30 pm AEST on Tuesday 4 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 4 July.

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