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## RINA&IMarEST Technical Presentation

### Latest Developments in Ship Docking Facilities and Equipment

<b>Presenter</b>	Michael Bakker Sales Manager Oceania, Synchrolift
<b>Date</b>	Wednesday 6 march 2024
<b>Time</b>	6:00 pm AEDT refreshments 6:30 pm AEDT presentation
<b>Venue in person</b>	Kirribilli Room Royal Sydney Yacht Squadron 33 Peel St, Kirribilli
<b>online</b>	URL and password will be advised prior to the presentation  Registration for the presentation is required (see below)

Synchrolift is a Norwegian-based company specialized in creating innovative solutions for dry docking of ships in a safe and efficient manner. With Synchrolift shiplifts and transfer systems, multiple vessels can be berthed ashore simultaneously for easy access, efficient repair, and maintenance works in an environmentally-safe work area and away from the waterside. Solutions are tailored to suit specific shipyard demands and requirements.

Synchrolift has the capability to provide solutions for dry docking of vessels up to 30 000 t. Particularly-relevant for the RAN, this would suit dry docking of the Canberra-class LHDs, the Supply-class AORs, the UK Astute-class submarines, and the future AUKUS SSNR nuclear-powered submarines.

This presentation will outline the history of lifting platform technology for ship docking and some of the current developments in Australia and overseas. A comparison of articulated vs rigid or hybrid platforms will be discussed with emphasis on the latest safety features, particularly for docking nuclear submarines. Developments for docking support equipment include the various transfer systems, ship positioning systems and underwater equipment handling systems.

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

<https://forms.gle/qEtgX7hv9vBqvtw67>

Registrations close at 6:00 pm AEST on Tuesday 5 March. Registration for in-person attendance is required for entry to the RSYS and to gauge numbers for catering. Those registered for online participation will be emailed the Zoom meeting ID and passcode on the evening of 5 March.

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