



RINA/IMarEST Technical Presentation

Ballast Water Treatment

Speaker: Selwyn Oliviera
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Alfa Laval Australia

Date Wednesday 6 September

Venue: Royal Prince Edward Yacht Club
160 Wolseley Rd
Point Piper

Refreshments: 6:00 pm

Presentation: 6:30 pm

The IMO's Ballast Water Management Convention was finally ratified last year and comes into force on 8 September 2017. This means that all ships plying in international waters will now be affected and will have to comply with these new requirements. Essentially, there are now two standards — one is the IMO standard, the other the USCG standard, and the requirements are different for each. This adds to the complexity for equipment suppliers as well as ship owners and operators.

Alfa Laval are pioneers in ballast-water treatment and launched their first system in 2003. They have always persevered with environmentally-safe and well-proven technology, which is by way of ultraviolet radiation, and have over 1200 references worldwide. The standards have been continuously evolving and Alfa Laval has always managed to stay ahead of the requirements. Different testing methods as well as different salinities and water qualities make ballast-water treatment even more challenging. The latest MEPC71 committee meeting has issued a new implementation schedule for BWTS with which owners have to comply.

This presentation will touch on the above topics and includes the current legislation, standards, and implementation schedule, etc. It will also provide an insight into Alfa Laval's technology and how they can guarantee the performance of their ballast-water treatment system.

Note Please note the venue at RPEYC Point Piper, which we are using for the second time. There is parking in Wolseley and Wyuna Roads (which are OK on a Wednesday evening). Traffic on New South Head Road can be heavy at this hour, so allow time for that. By public transport, 324 and 325 buses go along New South Head Road (from Town Hall, Kings Cross and Edgecliff railway stations) and can drop you off close to Wunulla Road, and it is a 10 minute walk via Wunulla, Wyuna and Wolseley Roads.