



WORKSHOP ON AtoN ENGINEERING

Delivering the service, designing the future

14 - 18 October 2024

Australian Maritime Safety Authority (AMSA) Sydney, Australia



The International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) in association with the Australian Maritime Safety Authority (AMSA) is hosting a Workshop on AtoN Engineering, to be held in Sydney, Australia, from 14th to 18th October 2024.



BACKGROUND

The AtoN Engineering Workshop follows on from the successful series of IALA LITE-BATT workshops dating back to the 1990s. These were delivered by the IALA AtoN Engineering and Sustainability Committee (formerly EEP) and introduced to inform AtoN regulators, designers, manufacturers and providers of the emerging technologies such as LEDs, battery technology and solar generation. Time has moved on and while these remain important technologies the scope of the AtoN Engineer has broadened; this workshop aims to capture that depth of technology.

TOPICS

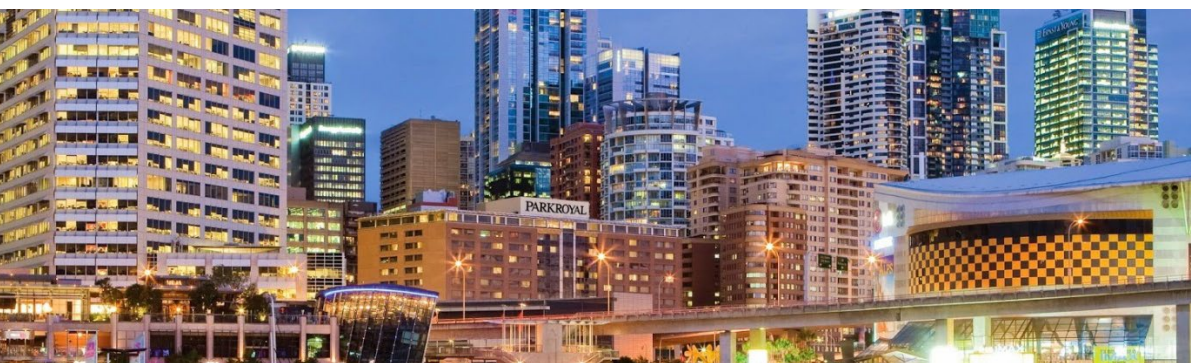
The 2024 Workshop aims to cover all topics relevant to AtoN Engineering. Topics will include: A regional perspective of AtoN challenges in Australasia and the Pacific, emerging technologies, resilient PNT technologies, lights, power generation and storage.

OBJECTIVE

The Aids to Navigation Engineering Workshop in Sydney is designed to give delegates the latest available AtoN Engineering updates and a glimpse into the future with emerging technologies along with their status. A key objective of the Workshop will be to review the IALA World Wide Academy (WWA) lesson content for AtoN Technicians and for the engineering components of the AtoN Manager course.

PROCESS

The Workshop, being held over one week will include a series of presentations on all aspects of AtoN Engineering from a range of expert speakers and will review future candidate technologies. Following these presentations, the Workshop will split into working groups to review the WWA model course content to ensure it remains fit for purpose and up to date.



PARKROYAL Darling Harbour

● ATTENDEES

The Workshop will provide all delegates with an up to date review of all AtoN Engineering topics and what is heading their way over the technology horizon. Managers, engineering and technical staff responsible for the delivery, operation and management of AtoN would benefit from attending the workshop.

Manufacturers of AtoN equipment and systems will also be in attendance.

● VENUE

The Workshop will be held at the PARKROYAL Darling Harbour, 150 Day Street, Sydney.

● HOTEL

There are numerous hotels and other accommodation options available in Darling Harbour. Accommodation is available at the venue, Parkroyal Darling Harbour. It is located in Sydney CBD (Central Business District).

PARKROYAL Darling Harbour is only a 20-minute drive from Sydney Domestic and International Airport and 10 minutes by train from Sydney Opera House and The Rocks.

● WORKSHOP FEE

The fee for the workshop is €750 . The fee includes participation in all workshop sessions, a technical tour, workshop catering and a workshop dinner.

● CANCELLATION POLICY

All cancellations must be sent by e-mail to contact@iala-aism.org

A refund in full of the registration fee will only be provided if notification is given at least one week prior to the event. Otherwise, a cancellation charge of 50% will be applied. Name changes will be accepted.

In case of a no-show, 100% of the registration fee will be charged.

PROVISIONAL PROGRAMME



	Activity	
Day 1	<p>Registration</p> <p>Session 1 Session 2 Session 3</p> <p>Welcome Reception</p>	<p>Opening of the Workshop Regional Perspective A glimpse into the future</p>
Day 2	<p>Session 4 Session 5 Session 6 Session 7</p>	<p>Lights Power Position, Navigation & Timing PNT candidate technologies</p>
Day 3	<p>To review all WWA model courses</p> <p>Session 8 Session 9 Session 10 Session 11 Session 12</p> <p>Evening Social Event</p>	<p>Working Environment WWA Working groups Working groups Working groups</p>
Day 4	<p>Session 13 Session 14 Session 15 Session 16</p>	<p>Working groups Working groups WG feedback Working Conclusions</p>
Day 5	<p>Optional:</p> <ol style="list-style-type: none"> 1. Technical visit - Macquarie Lighthouse Sydney, or 2. Technical visit – Sealite, Melbourne (excludes delegate domestic travel costs) 	