



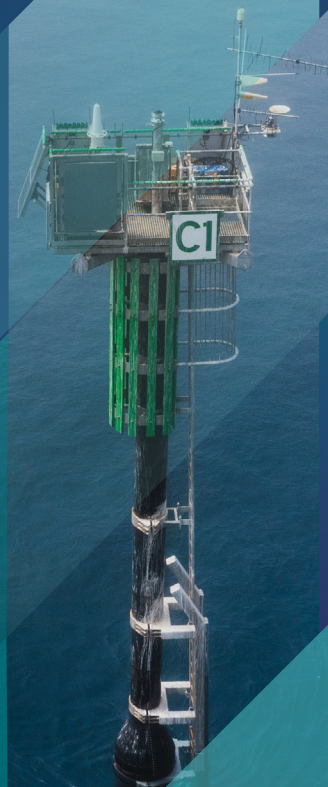
Australian Government
Australian Maritime Safety Authority



Aids to Navigation Engineering Workshop

Delivering the service, designing the future

14-18 October 2024 | Sydney, Australia



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.

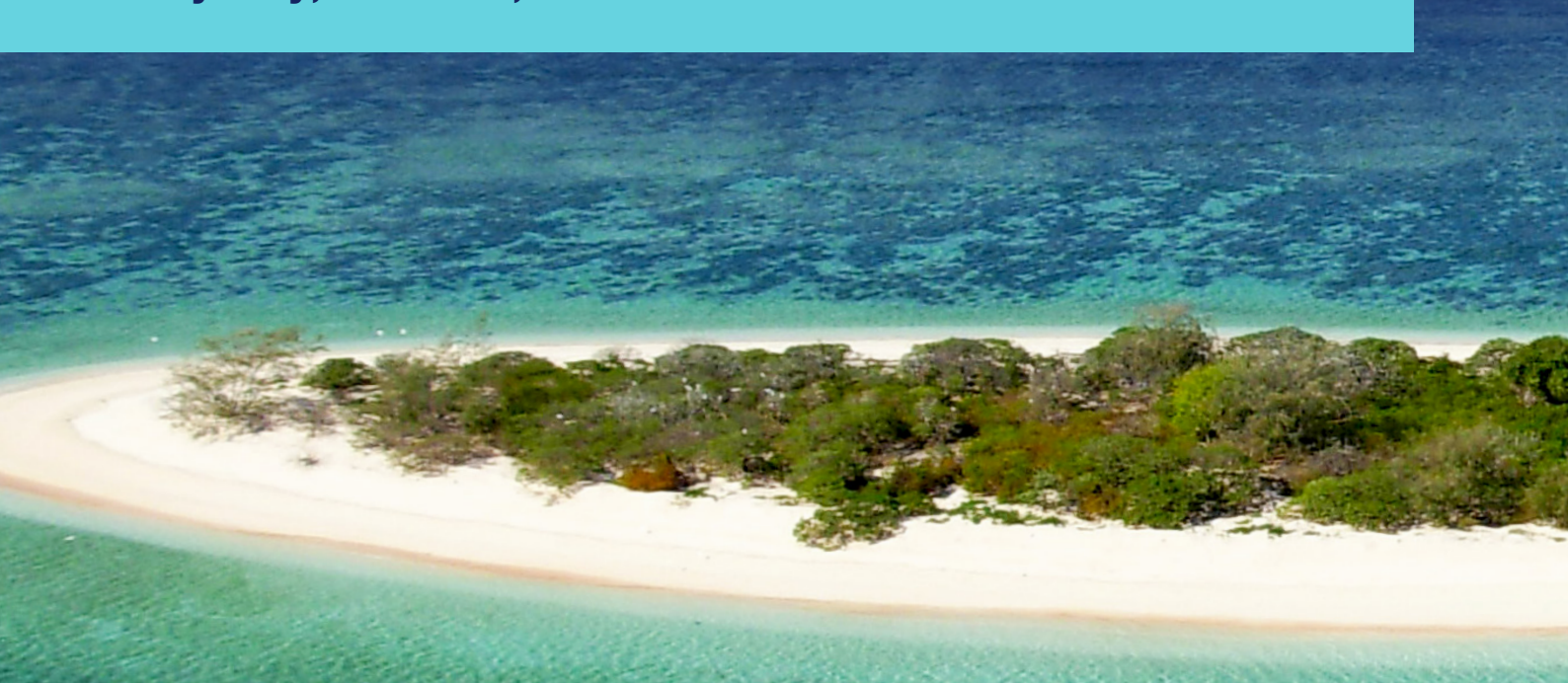
OBJECTIVE

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.

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 Aids to Navigation Engineering, to be held in Sydney, Australia, from 14th to 18th October 2024.



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.

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.

VENUE

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

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.



WORKSHOP PROGRAM

Day 1	Registration	
	Session 1	Opening of the workshop
	Session 2	Regional perspective
	Session 3	A glimpse into the future
	Welcome reception	
Day 2	Session 4	Lights
	Session 5	Power
	Session 6	Position, navigation and timing
	Session 7	PNT candidate technologies
Day 3	Session 8	Asset management and working environment
	Session 9	IALA and panel discussion
	Session 10	Technical discussion forum
	Session 11	Technical discussion forum
	Evening social event	
Day 4	Session 12	IALA World Wide Academy
	Session 13	WWA course content review Chair: WG Chairs
	Session 14	WWA course content review Chair: WG Chairs
	Session 15	WG feedback WWA course content review
	Session 16	Workshop conclusions
Day 5	Option 1 – Sydney	
	Technical visit: Macquarie Lighthouse Sydney (AMSA - Bus from Darling Harbour)	
	Option 2 – Melbourne*	
	SPX factory tour Melbourne (delegates to provide own transport to Melbourne – bus pickup Melbourne airport 11am)	

*(excludes delegate domestic travel costs)

IALA Members scan the QR code below to register for this event.

Non-members can register via the IALA website at iala.aism.org

