

WORKSHOP ON FUTURE RADIONAVIGATION AND RADIOCOMMUNICATION SYSTEMS

Northern Lighthouse Board (NLB) Edinburgh, United Kingdom



Northern
Lighthouse
Board

The International Organization for Marine Aids to Navigation, in association with the Northern Lighthouse Board, is hosting a Workshop on Future Radionavigation and Radiocommunication Systems, to be held in Edinburgh, UK, from 09 to 13 February 2026.

BACKGROUND

The need for consideration and discussion on future radionavigation systems and radiocommunication systems was recognised since emerging digital technologies could be used for both radionavigation and radiocommunication as one system, e.g., VDES R-mode, Galileo return link service.

TOPICS

The workshop deals with general Radionavigation and Radiocommunication aspects. This will include a range of topics, such as:

- Regulatory Constraints and Technical Capability
- Users' view on radionavigation and communication
- VHF radio navigation and communication
- LF/MF/HF radio navigation and communication
- IMT and other technology
- Satellite communication systems

OBJECTIVE

The workshop is aimed at updating the worldwide radiocommunication plan (WWRCP, now updated as Maritime Radiocommunication Manual) maintained by DTEC and the worldwide radionavigation plan (WWRNP) maintained by ENG, as well as providing guidance to IALA members on this issue. An IALA workshop that will be co-hosted by DTEC and the ENG Committee in order to give guidance to IALA members for the introduction of future radionavigation and radiocommunication systems.

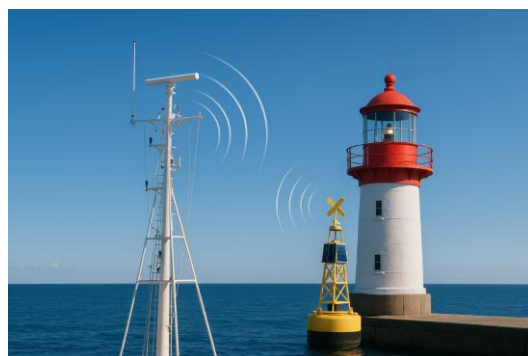
PROCESS

The workshop will consist of presentations from a range of expert speakers covering topics including sources of position integrity, user case studies, future hardware options, and the general sharing of views and opinions.

Following this, workshop sessions will be held to formulate the draft structure of possible content of future IALA guidance on Future Radionavigation and Radiocommunication for submission to the IALA Technical Committees.

ATTENDEES

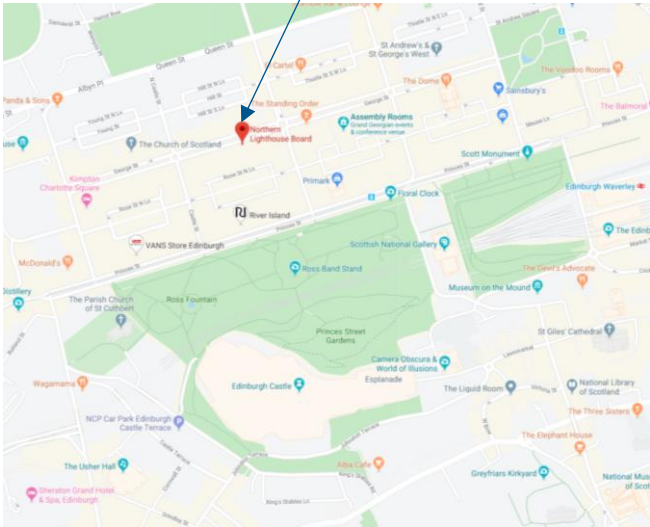
The workshop will provide a forum for discussion between different stakeholders, which may include IALA national, industrial and associate members and sister organisations. Other interested stakeholders in Radionavigation and Radiocommunication are encouraged to attend to maximise the pool of expertise available.





VENUE

The workshop will be held at the headquarters of the Northern Lighthouse Board at 84 George Street, Edinburgh.



HOTEL

There are numerous hotels and other accommodation options available within easy reach of George Street.

- InterContinental Edinburgh the George
- Mercure Edinburgh City Hotel
- Kimpton Charlotte Square
- Frederick House Hotel

WORKSHOP FEE

The fee for the workshop is €875. The fee includes participation in all workshop sessions, a technical tour, a welcome reception on Monday, and a workshop dinner on Wednesday.



PROVISIONAL PROGRAMME

DAY 1 - Monday 09 February 2025, 09:00 – 17:00

Registration	08:30 – 09:00
Session 1	Welcome and introductions
Session 2	
Session 3	
Session 4	
Welcome reception	

DAY 2 - Tuesday 10 February 2025, 09:00 – 17:00

- Session 5
- Session 6
- Session 7
- Session 8

DAY 3 - Wednesday 11 February 2025, 09:00 – 17:00

Session 9	Working groups
Technical tour + Workshop dinner	Visit on board vessel Pole Star

DAY 4 - Thursday 12 February 2025, 09:00 – 17:00

Session 10	Working groups
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DAY 5 - Friday 13 February 2025, 09:00 – 12:00

Session 11	WG reports
Session 12	Workshop Conclusions



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