



IALA RECOMMENDATION (NORMATIVE)

R1021 MARINE AIDS TO NAVIGATION AWARENESS FOR MARINERS

Edition 1.1

January 2022

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DOCUMENT REVISION

Revisions to this document are to be noted in the table prior to the issue of a revised document.

Date	Details	Approval
December 2020	First issue.	
January 2022	Edition 1.1 Approved by Council December 2021 and published January 2022, in alignment with IMO Resolution A.1158(32) Guidelines for Vessel Traffic Services.	Council 74

THE COUNCIL

RECALLING:

- 1 The function of IALA with respect to safety of navigation, the efficiency of maritime transport and the protection of the environment.
- 2 Article 8 of the IALA Constitution regarding the authority, duties, and functions of the Council.

NOTING:

- 1 That IALA fosters the safe, economic, and efficient movement of vessels through the improvement and harmonization of Marine Aids to Navigation, including VTS, world-wide.
- 2 That the *International Regulations for Preventing Collisions at Sea* define a vessel as any waterborne craft used or capable of being used as a means of transportation on water.
- 3 That mariners involved with the safe navigation on all types of vessel regularly utilise Marine Aids to Navigation to enhance the safety and efficiency of their voyages.
- 4 That the *2010 Manila amendments to the annex to the International Convention on Standards for Training, Certification and Watchkeeping for Seafarers, 1978 (STCW)* states, inter-alia, that:
 - a deck officers should have the ability to determine the ship's position by use of aids to navigation, including lighthouses, beacons, and buoys.
 - b deck officers should attain knowledge, understanding and proficiency in, inter-alia:
 - (i) reporting in accordance with VTS procedures;
 - (ii) communication with a VTS;
 - (iii) voyage planning and navigation taking account of VTS areas;
 - (iv) manoeuvring in VTS areas; and
 - (v) that navigation and watchkeeping simulation should realistically simulate VTS communication procedures between ship and shore.

RECOGNIZING:

- 1 That IALA Recommendation *R1001* provides the framework for the implementation of the IALA Maritime Buoyage System which includes the functions and characteristics of lighthouses, beacons, and buoys.
- 2 That IALA Guideline *G1149* on VTS training for deck officers contains recommendations that complement the standard of competence provided in the STCW Code for deck officers in order to enhance their understanding of VTS.
- 3 That other IALA recommendations and guidelines provide wide ranging information on the use, functions, and operation of Marine Aids to Navigation which may assist any mariner in gaining an enhanced level of awareness of their capabilities.
- 4 That such an enhanced awareness of the capabilities of Marine Aids to Navigation by mariners will contribute to the safe, economic, and efficient movement of vessels.



CONSIDERING the proposals of the Aids to Navigation Requirements and Management (ARM) and Vessel Traffic Services (VTS) Committees.

ADOPTS the Recommendation R1021 on Marine Aids to Navigation awareness for mariners.

RECOMMENDS that National members bring the content of this Recommendation to the attention of the relevant maritime administration responsible for the implementation of the STCW Convention, maritime training institutes, organisations representing mariners of all types and other parties concerned.

INVITES:

- 1 Maritime training institutes to incorporate Marine Aids to Navigation training activities in the mandatory national training programmes for deck officers developed in accordance with the provisions of the STCW Code and be reflected in examination and assessment.
- 2 Maritime training bodies to incorporate Marine Aids to Navigation training activities in the mandatory or voluntary training programmes for mariners not covered by the STCW Code and be reflected in examination and assessment.

REQUESTS the IALA ARM and VTS Committee or other committees as the Council may direct, to keep this Recommendation under review and to propose amendments, as necessary.