



IALA RECOMMENDATION (INFORMATIVE)

R0148 (E-148) THE NEED TO IMPLEMENT REGIONAL e- NAVIGATION SOLUTIONS BASED ON INTERNATIONAL STANDARDS

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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
September 2020	Edition 1.1 Editorial corrections.	

THE COUNCIL

NOTING the function of IALA with respect to the safety of navigation, the efficiency of maritime transport and protection of the marine environment,

NOTING ALSO the IMO strategy for e-navigation (MSC 85/26, Add.1, Annex 20) and the IMO e-Navigation Strategy Implementation Plan (SIP, NCSR1/28, as approved by MSC 94),

NOTING FURTHER that the components of the overarching e-navigation architecture (such as S-100-based Common Maritime Data Structure, Maritime Services Portfolios and harmonised shipboard and shore-based architectures, as outlined in the SIP) are expected to be effected by international standards for the delivery of e-navigation solutions,

RECOGNIZING that there are e-navigation solutions already being planned and implemented in different regions of the world,

RECOGNIZING ALSO that regional authorities may wish to implement e-navigation solutions to address pressing regional problems in a timely manner,

RECOGNIZING FURTHER that unless there is harmonisation of regional solutions, incompatible solutions will potentially be implemented around the world. This will cause inefficiencies in data handling by electronic systems and confusion within the maritime community. Both have the potential to jeopardise maritime safety.

RECOMMENDS that IALA members and authorities providing, or intending to provide, e-navigation solutions, take into account the following:

- Provide e-navigation solutions in accordance with international standards where standards exist;
- Liaise with other regional authorities that are in the process of establishing similar e-navigation solutions, with the aim of harmonising their implementation, as far as practicable; and
- Contribute to the development of international standards for e-navigation solutions.