



PAP33-6.2.1.1 C2
Formerly
ENG6-11.1.12 / C63-8.4.1.1

IALA STANDARD

1010

AIDS TO NAVIGATION PLANNING & SERVICE REQUIREMENTS



PAP33-6.2.1.1 C2
Formerly
ENG6-11.1.12 / C63-8.4.1.1

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1. INTRODUCTION

IALA publishes Standards, Recommendations, and Guidelines for the global harmonisation of the provision, maintenance, and operation of marine aids to navigation, to foster the safe, economic, and efficient movement of vessels, and for the protection of the environment.

They are defined as follows.

Document	Definition
IALA Standards	IALA Standards form a framework, implementation of which by all coastal states will harmonize marine aids to navigation worldwide. IALA standards cover technology and services and are non-mandatory.
IALA Recommendations	IALA Recommendations specify what practices shall be carried out in order to comply with a Recommendation, and may be referenced, in full or in part, in an IALA Standard.
IALA Guidelines	IALA Guidelines describe how to implement practices normally specified in a Recommendation.

2. PURPOSE

The IALA Strategic Vision for the period 2014-2026, adopted by the General Assembly in 2014, ~~had two~~ includes the Goals, the first of which is to

“Ensure that aids to navigation systems and related services, including e-Navigation, Vessel Traffic Services, and emerging technologies, are harmonized through international cooperation and the provision of standards.”

IALA Standards are suitable for direct citation by States in the interest of an efficient and harmonised global network of [marine](#) aids to navigation and services.

3. APPLICATION

This Standard is suitable for implementation by all marine aids to navigation authorities.

4. SCOPE

IALA Standards may contain Normative and Informative provisions.

Normative provisions are those with which it is necessary to conform in order to claim compliance with the Standard.

Informative provisions are those which specify additional desirable practices but with which it is not necessary to conform in order to claim compliance with the Standard.

This Standard references Normative and Informative provisions, detailed in the listed IALA Recommendations, covering the following scope.

- Obligations and regulatory compliance;
- Aids to navigation planning (IALA Maritime Buoyage System, offshore signals, bridge signals, traffic signals, fairway design);
- Virtual marking

- Levels of service (Objectives, Availability and Categories);
- Risk management;
- Quality Management.

5. REFERENCED DOCUMENTS

In this Standard, any reference to a Recommendation is to the most recent version approved by the IALA Council.

In this Standard the word 'shall' is used to indicate that a provision is Normative and ~~se~~ is to be followed in order to comply with the ~~s~~Standard. The word 'should' introduces Informative provisions.

The following Recommendations are **Normative** provisions, and **shall** be observed if compliance with this Standard is claimed.

Scope	Number	Title
Maritime Buoyage System	IALA1010 R1001	IALA Maritime Buoyage System and other Aids to Navigation
Obligations and regulatory compliance		The IALA Maritime Buoyage System
	E-105	The Need to Follow National and International Standards
Aids to Navigation planning	R0111	Port Traffic Signals
	E-111	
	R0113 Q-113	The Marking of Fixed Bridges and Other Structures over Navigable Waters
	R0139 Q-139	The Marking of Man-Made Offshore Structures
Levels of service	R0130 Q-130	Categorisation and Availability Objectives for Short Range Aids to Navigation
Risk Management	R100?	Risk Management for Aids to Navigation and Related Services
Quality Management	R0132 Q-132	Quality Management for Aids to Navigation Authorities
	R0118 Q-118	The Recording of Aids to Navigation Positions

Tableau mis en forme

Commenté [JD1]: PAP33-10.2 – create new Recommendation for MBS and existing booklet to become a Guideline

Commenté [JD2]: This Recommendation was revoked at Council 63

Commenté [JD3]: PAP33-10.2 - Should this be Informative?

Commenté [JD4]: PAP33-10.2 – create new Recommendation and move content to a Guideline

The following Recommendations are **Informative** provisions and **should** be observed if compliance with this Standard is claimed.

Scope	Number	Title
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C63-8.4.1.1

Virtual marking	R0143 O-143	Provision of Virtual Aids to Navigation
Risk management	O-134	The IALA Risk Management Tool for Ports and Restricted Waterways
	R0142	Maritime data sharing for risk assessment and analysis
	R0138 O-138	The Use of GIS and Simulation by Aids to Navigation Authorities

Commenté [JD5]: PAP33-10.2 – create new Recommendation and move content to a Guideline

Commenté [JD6]: PAP33-10.2 – recommends renaming and updating the existing IALANET Recommendation and moving it from S1070 to S1010

Commenté [JD7]: PAP33-10.2 – Suggests this should be Normative?

6. SUPPLEMENTARY ELEMENTS

There are no supplementary elements to this Standard.



C63-8.4.1.1

7. ADOPTION OF AND AMENDMENT OF STANDARDS

IALA Standards may be adopted or amended by a majority vote at a General Assembly of national members.

8. DOCUMENT HISTORY

Date	Amendment Details	Approval
2018-06-01	First issue	General Assembly Resolution, Incheon, Republic of Korea , May 2018.