

Agenda item            9.1  
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**Draft Example-Template for an IALA Standard – Text**

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**Standard IALA.1010**  
**Aids to Navigation Planning and Service Requirements**

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1. INTRODUCTION

IALA produces 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 the protection of the environment. They are defined as follows.

Document	Definition
IALA Standard	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 Recommendation	To be inserted
IALA Guideline	To be inserted

2. PURPOSE

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 Standards are suitable for direct citation by States in the interest of an efficient and harmonised global network of aids to navigation and services.

3. 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.

In this Standard the word ‘shall’ is used to state that a provision is normative and so is to be followed in order to comply with the standard. The word ‘should’ introduces informative provisions.

This Standard lists normative and informative provisions, detailed in IALA Recommendations, covering the following scope.

- Obligations and regulatory compliance
- Aids to navigation planning (Maritime Buoyage System, offshore signals, bridge signals, traffic signals, fairway design)
- Levels of service (Objectives, Availability and Categories)
- Risk management
- Quality Management
- Virtual marking

4. APPLICATION

This Standard is suitable for adoption by all aids to navigation competent authorities.

## 5. REFERENCED DOCUMENTS

The following documents are referenced.

### 5.1. IALA Recommendations

In this Standard, any reference to a Recommendation is to the most recent version.

Scope	Number	Title
Obligations and regulatory compliance	E-105	The Need to Follow National and International Standards
Aids to navigation planning		The IALA Maritime Buoyage System
	E-111	Port Traffic Signals
	O-113	The Marking of Fixed Bridges and Other Structures over Navigable Waters
	O-139	The Marking of Man-Made Offshore Structures
Levels of service	O-130	Categorisation and Availability Objectives for Short Range Aids to Navigation
Risk management	O-134	The IALA Risk Management Tool for Ports and Restricted Waterways
	O-138	The Use of GIS and Simulation by Aids to Navigation Authorities
Quality Management	O-132	Quality Management for Aids to Navigation Authorities
	O-137	Quality Management for Competent Pilotage Authorities and Pilotage Service Providers
	O-118	The Recording of Aids to Navigation Positions
Virtual marking	O-143	The Provision of Virtual Aids to Navigation

## 6. DEFINITIONS

Terms used in this Standard are defined in the IALA Dictionary.

## 7. REQUIREMENTS

### 7.1. Obligations and regulatory compliance

An aids to navigation competent authority **shall** comply with

- Recommendation E-105 The Need to Follow National and International Standards.

### 7.2. Aids to navigation planning

An aids to navigation competent authority **shall** comply with

- The IALA Maritime Buoyage System

An aids to navigation competent authority **should** comply with

- Recommendation E-111, Port Traffic Signals
- Recommendation O-113, The Marking of Fixed Bridges and Other Structures over Navigable Waters
- Recommendation O-139, The Marking of Man-Made Offshore Structures

7.3. Levels of service

An aids to navigation competent authority **shall** comply with

- Recommendation O-130, Categorisation and Availability Objectives for Short Range Aids to Navigation

7.4. Risk management

An aids to navigation competent authority **should** comply with

- Recommendation O-134, The IALA Risk Management Tool for Ports and Restricted Waterways
- Recommendation O-138, The Use of GIS and Simulation by Aids to Navigation Authorities

7.5. Quality Management

An aids to navigation competent authority **shall** comply with

- Recommendation O-132, Quality Management for Aids to Navigation Authorities
- Recommendation O-137, Quality Management for Competent Pilotage Authorities and Pilotage Service Providers
- Recommendation O-118, The Recording of Aids to Navigation Positions

7.6. Virtual marking

An aids to navigation competent authority **shall** comply with

- Recommendation O-143, The Provision of Virtual Aids to Navigation

8. SUPPLEMENTARY ELEMENTS

There are no supplementary elements to this Standard.

9. DOCUMENT HISTORY

Date	Amendment Details	Approval
2018-06-01	First issue	General Assembly Resolution # 1234