

Agenda item 4.4
Author Secretariat

Draft Example-Template for an IALA Standard - Introduction

1 SUMMARY

This paper concerns a proposal from the Secretariat for a draft example-template for an IALA Standard.

2 BACKGROUND

At its 62nd session Council approved a plan for seven Standards and their technical content. The explanatory diagram (from Annex C of C62 input paper C62-8.4.1) is at Annex A.

3 EXAMPLE-TEMPLATE

The draft example-template for an IALA Standard is provided to the LAP as a separate input paper, LAP17-9.1.2. It is developed from LAP15-20.4 which is reproduced at Annex B.

LAP17-9.1.2 is in the form of a draft for the first IALA Standard, and which would then be used as an example-template for the other six. Note that:

- Account was taken of the guidance text developed by LAP in italics in Annex B
- Technical requirements are listed according to the Standards plan approved by Council 62, at Annex A

For those interested in more detail of the relationship of the seven Standards with Recommendations, please see C62-8.4.3.

4 OBJECTIVES

In preparing the draft example-template, the following objectives were kept in mind.

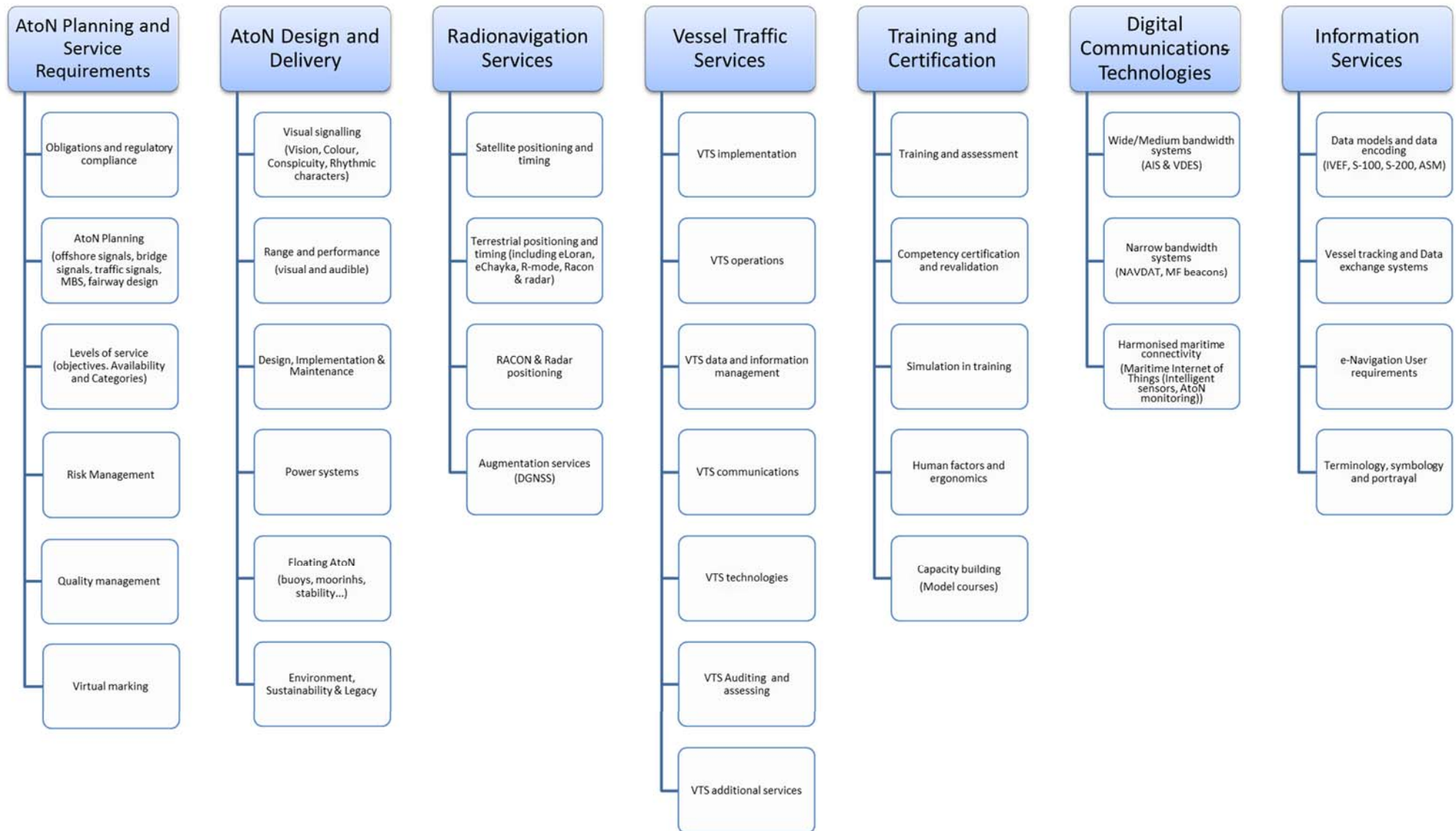
- The Standard should not contain requirements in detail, but should point to Recommendations
 - Recommendations can be normative or informative
 - Perhaps part of a Recommendation could be normative, but it would be important to avoid this – better to split that Recommendation into two
 - Keeps things simple and allows pain-free updating of Recommendations
- Compliance with the normative Recommendations enables a claim of compliance with the Standard
- The Standard template should be simple and short and in clear language
 - This is vital as the Secretariat must undertake a promotion exercise in advance of the 2018 General Assembly with the aim of ensuring that all national Members understand the purpose of the Standards
 - And are in favour of them

- The new format for Recommendations will be a management-level document without technical content, and of about two or three pages
 - Specifying practices to be followed
 - Example(s) of the practices being described in Guidelines
- Recommendation(s) listed in a Standard should be the latest version
 - Recommendation date and/or version number not indicated
 - Recall that Standards are not mandatory

5 ACTION REQUESTED OF THE LEGAL ADVISORY PANEL

The LAP is requested to consider the draft new example-template at LAP17-9.1.2 and to provide advice to PAP32, if necessary in the form of a revised draft.

ANNEX A – STANDARDS AND THE SCOPE OF THEIR SUBSIDIARY RECOMMENDATIONS AND GUIDELINES





Standard 102:1:2015

Visual Aids to Navigation

Signalling

The IALA Document Structure

[Preface common to all Standards]

The aim of IALA is to foster the safe, economic and efficient movement of vessels, through improvement and harmonisation of aids to navigation worldwide and other appropriate means, for the benefit of the maritime community and the protection of the environment.

IALA brings together authorities, services and organisations concerned with the provision, maintenance or operations of marine aids to navigation and allied activities, at sea and on inland waterways, to develop international cooperation by promoting close working relationships and assistance between members, to communicate recent developments and to facilitate mutual exchange of information with organisations representing the users of aids to navigation.

IALA Standards, Recommendations, and Guidelines are the documents which IALA formulates and publishes for the purpose of global harmonisation of the provision, maintenance, and operation of marine aids to navigation. They are defined as follows.

Document	Definition
IALA Standard	IALA Standards set out requirements, guidance or characteristics for activities or their results, repeated use of which will achieve improvement and harmonisation of aids to navigation worldwide. IALA standards address the characteristics, design, service requirements, safety and management of aids to navigation. IALA standards are non-binding.
IALA Recommendation	IALA Recommendations describe what to plan, design, operate, and manage marine aids to navigation in order to comply with IALA Standards. Each Recommendation is related to an IALA Standard.
IALA Guideline	IALA Guidelines provide information on aspects of IALA Recommendations, indicating best practices for implementation. Each Guideline is related to an IALA Recommendation.

In case of a conflict between Standards, Recommendations and Guidelines the provisions of Standards shall prevail.

Each IALA Standard has been established by consensus and is based on the consolidated results of science, technology and experience. It is aimed at fostering the safe and efficient movement of vessels for the benefit of the maritime community.

Provisions

IALA Standards may contain three types of provisions:

- mandatory
- normative
- informative

Mandatory provisions are those with which it is necessary to conform in order to claim compliance with the Standard. These may be, for examples, actions to be taken, test requirements, records to be kept, dimensions or tolerances.

Normative provisions are similar to mandatory provisions however where mandatory provisions apply to individual requirements normative provisions apply to a requirement to conform with a whole element (a part, a section or an annex of the standard) which may contain mandatory or informative elements.

Informative provisions are those which give additional information or guidelines.

In this Standard the word 'shall' is used to state that a requirement is strictly to be followed in order to comply with the standard. The word 'should' introduces non-mandatory but preferred options and 'may' indicates a suggestion. Compliance with 'should' and 'may' alternatives is not necessary to comply with the standard.

Choosing to adopt an IALA standard is voluntary but, having done so, achieving conformity with that standard necessitates full compliance with its mandatory requirements. All aids to navigation authorities and those responsible for the regulation, provision, maintenance or operation of marine aids to navigation are strongly encouraged to comply with them in full.

IALA also creates manuals and Model Courses, as follows.

Document	Definition
IALA Manual	IALA Manuals provide an overall view of a wide subject area. These include the IALA Dictionary.
IALA Model Course	IALA Model Courses are training documents which define the level of training and knowledge needed to reach levels of competence defined by IALA.

IALA Standards, Recommendations, and Guidelines may be downloaded from the IALA website.

IALA Standard 102.1.2015

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1 INTRODUCTION

[Provide the background to and object of the Standard. This may include the principles behind the Standard and the reasons prompting its preparation.]

2 Scope

[Defines the subject of the document and the extent and limitations of the matter covered by the Standard or particular parts of it.]

3 Application

[Covers the application of the Standard itself-not the subject. It is used where it is necessary to define the use of the Standard; for example, intended users, parts or sections that are to be used in different circumstances or limitations in the use of the Standard.]

4 Referenced Documents

[Referenced documents are those documents, usually other Standards, but may also include special reference texts, that have been referenced in the main body of the Standard and in Appendices.]

IALA Recommendations should be listed with their amendment date here then be used in the Requirement provisions of the standard].

4.1 IALA Recommendations

Recommendation [No., date]	
...	

5 Definitions

[Define all terms in one place, the IALA Dictionary. Remove existing definitions from guidance document and manuals to avoid potential conflict.]

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

6 Requirements

[This is the main text of the standard.]

For large or complex Standards the requirements may be divided into Sections, each Section dealing with a specific aspect of the subject.

Each of the 'white text' areas identified under the six blue IALA Standards could be addressed in a separate section. The text in the elements covered by the earlier headings would refer to the general subject area of the Standard, as would the introduction to the requirement.

The requirements could then be addressed in terms of the subject areas of the existing recommendations, with normative statements that refer to those recommendations, or informative statements that refer to the recommendations or guidelines.

6.1 Vision, Colour, Conspicuity

Light signal colours **shall** comply with the provisions of IALA Recommendation E-200 Part 1.

6.2 Calculation and Measurement

The calculation, definition and notation of Luminous Range **shall** be carried out in accordance with IALA Recommendation E-200 Part 2.

Measurement **shall** be carried out in accordance with IALA Recommendation E-200 Part 3.

Determination and calculation of Effective Intensity **shall** be carried out in accordance with IALA Recommendation E-200 Part 4.

Estimation of the performance of optical apparatus **shall** be carried out in accordance with IALA Recommendation E-200 Part 5.

The surface colours used as visual signals on aids to navigation **shall** comply with IALA Recommendation E-108.

6.3 IALA Maritime Buoyage System

Visual signals **shall** be in accordance with the provisions of the IALA Maritime Buoyage System, as described in “IALA-AISM Maritime Buoyage System and other Aids to Navigation”, second edition March 2010.

The rhythmic characters of lights on aids to navigation shall comply with IALA Recommendation E-110.

The use of retro-reflecting material on aids to navigation marks within the IALA Maritime Buoyage System **shall** comply with IALA Recommendation E-106.

Synchronised lights **should** comply with the guidance in IALA Guideline 1069.

6.4 Signals on bridges over waterways

[To be added.]

6.5 Port traffic signals

Unless the Competent Authority requires otherwise, port traffic signals **shall** comply with IALA Recommendation E-111.

6.6 Offshore structures

Visual aids to navigation to mark offshore structures such as oil and gas production platforms **shall** comply with the requirements of the local Competent Authority for the area. If no such requirements exist then they should comply with IALA Recommendation XYZ123.

Visual aids to navigation to mark wind driven turbines for energy production **shall** comply with IALA Recommendation PQR456.

7 Supplementary elements

[This includes Appendices and Bibliography (where present)].

There are no supplementary elements for this Standard.

8 Document History

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