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Agenda item 7.2

Technical Domain / Task Number 1.4.1

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Proposals on the revision of IALA Guideline 1052

QUALITY MANAGEMENT SYSTEMS FOR AIDS TO NAVIGATION

SERVICE DELIVERY

# BACKGROUND

According to the task plan (2018-2022) of the ARM Committee and the Report of ARM 12, the revision of IALA Guideline 1052 Quality Management Systems for Aids to Navigation Service Delivery *(*hereinafter referred to as the ‘Guideline’) will be completed at the 13th session of the Committee. Task members from China have offered to provide intercessional input to be considered at ARM13.

# discussion

2.1 In 2005, IALA developed the Guideline *1052* Quality Management Systems for Aids to Navigation Service Delivery with reference to ISO 9000 series on quality management systems among which Quality management systems-Requirements (ISO 9001:2008) is the core standard. In 2015, ISO (the International Organization for Standardization) developed the fifth edition of Quality management systems-Requirements (ISO 9001:2015) which cancels and replaces the fourth edition (ISO 9001:2008), which has been technically revised, through the adoption of risk-based thinking, introduction of organization context and documented information.

2.2 Great importance has been attached on the context of the organization which was added as a separate part in the 2015 revision of ISO 9001. Requirements on understanding the organization and its context, understanding the needs and expectations of interested parties, determining the scope of the quality management system as well as quality management system and its processes has been mentioned in the new edition of the Standard.

2.3 According to ISO, risk is inherent in all aspects of a quality management system. There are risks in all systems, processes and functions. Risk-based thinking ensures these risks are identified, considered and controlled throughout the design and use of the quality management system. One of the key changes in the 2015 revision of ISO 9001 is to establish a systematic approach to considering risk.

2.4 Documentation, documents and records are collectively referred to as documented information in the 2015 revision of ISO 9001 which is determined by the organization as being necessary for the effectiveness of the QMS.

2.5 According to ISO, there are a number of ways in which an organization may improve. Small step continual improvement is only one of these. ISO 9001:2015 uses the more general term improvement, of which continual improvement is one component, but not the only one. Others may include breakthrough improvements, re-engineering initiatives or innovation.

# Proposals

3.1 Add description on the context of the organization and risk-based thinking to the Guideline 3.4. PLANNING to remind the AtoN authorities to give more considerations as following:

The context of the organization is the combination of those internal and external factors that affect an organization's approach to the way in which it provides products and services that are delivered to its customer.

The organization shall determine external and internal issues that are relevant to its purpose  
and its strategic direction and that affect its ability to achieve the intended result(s) of its QMS.

When planning for the QMS, the organization shall determine the risks and opportunities that  
need to be addressed to and plan actions to address these risks and opportunities.

3.2 Change the Guideline 3.9. DOCUMENTION into 3.9. DOCUMENTED INFORMATION and update relevant statement as following:

The organization should keep documented information as being necessary for the effectiveness  
of the quality management system. The extent of documented information for a quality management system can differ from one organization to another due to the size of organization and its type of activities, processes, products and services, the complexity of processes and their interactions and the competence of persons.

The basic objectives of the service should respond to specific normative, mandatory, and reference  
documentation. These references should be composed of international and national standards, and, if applicable, regional or local standards.

All documented information required by the QMS shall be controlled.

Documented information for the QMS may include:

• a Quality Manual that describes the QMS elements as described in this guideline and how they interrelate;  
•procedure documents, e.g. operating guidelines, operating procedures, work instructions;  
• records keeping.

3.3 Change the Guideline 5.7. CONTINUOUS IMPROVEMENT into 5.7. IMPROVEMENT and add relevant description as following:

The organization shall determine and select opportunities for improvement and implement any  
necessary actions to meet customer requirements and enhance customer satisfaction. Examples of improvement can include correction, corrective action, continual improvement,  
breakthrough change, innovation and re-organization.

# Action requested to Committee

The ARM Committee is invited to consider the proposals in part 3, and take action as appropriate.