

Input paper for the following Committee(s): check as appropriate

- ☐ ARM                      ☐ ENG                      ☐ PAP  
☐ ENAV                      ☒ VTS

Purpose of paper:

- ☒ Input  
☐ Information

Agenda item    9.2  
Technical Domain / Task Number                      2.6.1  
Author(s) / Submitter(s)                                      China Maritime Safety Administration

## Proposal on updating G1111-1 to include guidance on VTS Management Information Systems

### 1 SUMMARY

As an important part of VTS system, VTS-MIS system plays an increasingly important role in VTS operation management. In order to promote the coordinated development of VTS-MIS worldwide, it is necessary to formulate functional and performance requirements for VTS-MIS systems, which has become a consensus.

#### 1.1 Purpose of the document

The purpose of this document is to provide proposals for revisions to the guidelines of *G1111-1 PRODUCING REQUIREMENTS FOR THE CORE VTS SYSTEM* and to provide draft revisions.

#### 1.2 Related documents

VTS51-7.3.4 Task register proposal 2022-2026-G1111-10 producing requirement for VTS-MIS systems

VTS51-7.3.4.1 producing requirement for VTS-MIS systems (DRAFT FRAMEWORK)

VTS51-13.3.0.2 WP Provisional 2023 – 2027 Task Plan.

VTS52-7.3.4 Proposal for Producing Functional and Performance Requirements for Management Information System

VTS53-6.3.5 Proposal for the Development of an Independent G1111 Sub-guideline for VTS-MIS

C78-7.2 Draft IALA committee work programme 2023-2027

### 2 BACKGROUND

To promote the development of VTS-MIS system requirements, the Maritime Safety Administration of the People's of China has submitted several proposals including task register of *Developing VTS-MIS functional and performance requirements (VTS 51-7.3.4)*, guideline framework (VTS 51-7.3.4.1), draft guideline (VTS 52-7.3.4) and *Proposal for the Development of an Independent G1111 Sub-guideline for VTS-MIS*. According to the decision made by the VTS 53<sup>rd</sup> session, it was decided to revise the guideline of *G1111-1 Producing-Requirements for core VTS systems and equipment* to include the relevant content of the VTS-MIS system instead of formulating a independent sub-guideline for VTS-MIS subsystem. This task had been approved by the 78<sup>th</sup> session of the IALA council, and officially incorporated in IALA 2023-2027 Work Programme.

### 3 DISCUSSION

- Revising the title of Guideline 1111-1. In order to highlight the relative independence and important role of VTS-MIS system in the function of VTS, it is proposed to adjust the title of the Guideline 1111-1 to "G1111-1 PRODUCING REQUIREMENTS FOR THE CORE VTS SYSTEM INCLUDING MIS", based on the requirements and objectives of the task "Update G1111-1 to include guidance on VTS Management Information Systems" in the IALA 2023-2027 Work Programme.
- Adding new section 6- MANAGEMENT INFORMATION SYSTEM in the G1111-1. In order to fully reflect the functions and performance requirements of VTS-MIS, it is recommended to add the "6 Management Information System".
- Maintaining consistency in the description of MIS in the guideline. *Section "1 INTRODUCTION", "2 USER INTERFACE", "3 DECISION SUPPORT", "4 DATA PROCESSING", and "5 EXTERNAL DATA EXCHANGE AND INFORMATION SHARING"* have been stated MIS-related content, and it is recommended to adjust the content of MIS to ensure consistency in the framework and content of the Guideline.
- Draft Guideline is available in the annex.

### 4 REFERENCES

- [1] Vessel Traffic Services Manual (Edition 7)
- [2] IMO Resolutions A.1158(32) GUIDELINES FOR VESSEL TRAFFIC SERVICES
- [3] G1111 Series Guidelines

### 5 ACTION REQUESTED OF THE COMMITTEE

The Committee is requested to consider the above proposals and take appropriate action.