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☐ ARM ☐ ENG ☐ PAP
☐ ENAV **X** VTS

Purpose of paper:

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☐ Information

Agenda item² 8.3

Technical Domain / Task Number² Task 1.3.2

Author(s) / Submitter(s) China Maritime Safety Administration

DRAFT OF SERVICE SPECIFICATION FOR DIGITAL VTS ANCHORAGE ASSIGNMENT SERVICE V0.5.0

1 SUMMARY

Based on the technical service specifications of IALA Draft Guideline on VTS Digital Communications, this paper provides the draft of service specification for digital VTS anchorage assignment service as well as its XSD file

The paper documents the key aspects of the VTS Anchorage Assignment Service at the logical level:

- The operational context of the service, including use case, data flow diagram, functional and non-functional requirements.
- The service description, including service interface definitions, service data model definitions.

1.1 Purpose of the document

Be a part of the technical services documents of Guideline on VTS Digital Communications.

1.2 Related documents

VTS53-8.3.2.1 Draft Guideline on VTS Digital Communications

2 BACKGROUND

IALA VTS Committee continues to include the development of Guideline on VTS Digital Communications in its 2023-2027 work projects, with task number 1.3.2. Currently the task, which requires a series of technical service documents, is still being continuously promoted. As one of VTS technical services, the service specification of Anchorage Assignment Service has not been developed yet. The successful experience gained from the digital communication practices for anchorage carried out in Nanjing section of the Yangtze River in China, would act as a solid basis to develop the service specification for digital VTS anchorage service. Therefore, this paper will provide a holistic overview of digital VTS Anchorage Assignment Service and its building blocks in a technology-independent way.

¹Input document number, to be assigned by the Committee Secretary

²Leave open if uncertain

3 DISCUSSION

During discussion, it was noted that the following aspects should be considered during the development of the new service specification:

- The relationship between VTS technical services and the service calling by each other
- The impact on the service technical design and the service instance by the description of service specification
- The compatibility with harbour and inland anchorages

4 ACTION REQUESTED OF THE COMMITTEE

The Committee is requested to discuss:

- Draft of Service Specification for digital VTS Anchorage Assignment Service V0.5.0 (Annex A)