 Input paper: [[1]](#footnote-1) VTS39-9.2.6

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

**□**ARM **□**ENG **□**PAP ☑ Input

**□**ENAV☑VTS **□** Information

Agenda item[[2]](#footnote-2) 9

Technical Domain / Task Number2 9.2

Author(s) / Submitter(s) Japan Radio co Ltd

IALA Recommendation V-128, Edition 4 approval.

# Summary

IALA recommendation V-128 draft edition 4 shall be discussed again by the committee on VTS39 meeting. JRC stands against current IALA recommendation V-128 edition 4, and hereby provides the comments for the daft edition in this input paper.

## Purpose of the document

This document is provided for the reference to revise the current IALA recommendation V-128 edition 4, operational and technical performance requirements for VTS equipment.

## Related documents

[1] IALA recommendation V-128 on operational and technical performance requirements for VTS Equipment, Edition 4 Draft.

# Background

According to the result of “IALA VTS Technical WG Inter-sessional Meeting on January 12 to 14th “ 2015, there were several opinions to the V128 draft edition 4 as this draft edition 4 was not matured yet and not understandable for the peoples who did not attend in the WG Inter-sessional Meeting on January 12 to 14th “ 2015.

# Discussion

Reviewing the IALA recommendation V128 edition 4 draft, JRC understood that the Radar introduction section implied that shipboard radar was inferior to VTS radar, and VTS Authorities were being steered towards expensive VTS systems. This means that mostly forthcoming VTS user can not establish VTS system easily.

As a result of VTS 38 meeting, a significant number of comments raised the point that the terms “Basic, Standard and Advanced” were confusing and should be discussed them again in order to define each category more clearly. For the further discussion of this topic, JRC hereby put several comments on the annex A of this input paper.

# Action requested of the Committee

The Committee is requested to:

1. Consider the revision of the current IALA recommendation V128 edition 4 draft.
2. CoMMENTS FOR THE recommendation V-128 EDITION 4 (DRAFT)

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| --- | --- | --- | --- |
| **No.** | **Paragraph No. in the Draft** | **Revision Suggestion** | **Comments** |
| 1. | Overall |  | There were not mentioned firm definitions about each category of “Basic, Standard and Advanced” in the V-128 ed.4, while it was clearly mentioned them in the IALA VTS V-128 ed.3. |
| 2. | 1.4.3.2.1 | The Beaufort Scale | The V-128 ed.4 should be a guideline of new VTS system establishment. It is likely used for the reference of new VTS system establishment guideline for each authority of countries.  However, this paragraph contains too much detail for the Beaufort Scale. It must be deleted from V-128, or separated as an annex (if necessary). |
| 3. | 1.4.3.6  Table 4, 5, 6 | Design Standards Applicable to VTS Equipment | The design standard is quite different in each country. Therefore, the paragraph 1.4.3.6, Table 4,5 and 6 are not suitable to mention in the V-128 ed.4. The description of Table 6.3 of V-128 ed.3 was good enough in this sense. |
| 4. | 2. | RADAR | This paragraph contains too much technical detail requirement for the radar equipment. The description of radar detection performance in the V-128 ed.3 was good enough. So this new paragraph must be deleted from V-128, or separated as an annex (if necessary). |
| 5. | Figure 12 | Dynamic characteristics of signal received versus target RCS and target range (in NM) for point targets in free space | This figure 12 is not necessary and it is good to be kept radar detection performance description of V-128 ed.3. |

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Leave open if uncertain [↑](#footnote-ref-2)