Input paper: [[1]](#footnote-1) VTS43-4.2.2

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

**□** ARM **□** ENG **□** PAP **□** Input

**□** ENAV **X** VTS **□** Information

Agenda item [[2]](#footnote-2) n.n

Technical Domain / Task Number 2 …………………………………

Author(s) / Submitter(s) DWG

DWG liaison note to VTS Committee re Dictionary definitions

# Summary

The DWG thanks the VTS Committee for its excellent work on definition of terms for the IALA Dictionary.

Approved definitions have been incorporated into the on-line Dictionary.

Unfortunately the DWG queried some proposed definitions and requests the VTS Committee to reconsider and revise the proposed definitions in the Annex. DWG queries are shown in the accept/ reject column.

Other terms submitted have yet to be considered by the DWG.

## Related documents

VTS40-12.1.4 IALA dictionary update 20151023.

VTS41-12.1.3 1111 update 2 dictionary definitions new 20160311.

# Action requested of the Committee

The Committee is requested to consider and revise the proposed definitions in the Annex.

1. List of dictionary terms

| **Term** | **Dictionary Number** | **Dictionary Category** | **Source**  **(meeting/**  **document/**  **person)** | **Old definition** | **Proposed definition** | **Reason for change** | **Date** | **Accept/**  **Reject** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Decision Support Tool |  | 1.1 Basic terms or 9.1 VTS terms? | VTS40  IALA Guideline No. 1110 |  | A tool to assist the decision maker at an operational, tactical or strategic level. This may be in real-time or at a tactical or strategic level. | New term | 2015-11-23 | Reject |
| Passive Decision Support Tool |  | 1.1 Basic terms or 9.1 VTS terms? | VTS40  IALA Guideline No. 1110 |  | A tool that aids the process of decision making, but that cannot bring out explicit decision suggestions or solutions. | New term | 2015-11-23 | Reject  Query need and clarity |
| Active Decision Support Tool |  | 1.1 Basic terms or 9.1 VTS terms? | VTS40  IALA Guideline No. 1110 |  | A tool that brings out decision suggestions or solutions to support decision making. | New term | 2015-11-23 | Reject  Query need and clarity |
| Cooperative Decision Support Tool |  | 1.1 Basic terms or 9.1 VTS terms? | VTS40  IALA Guideline No. 1110 |  | A tool that helps the decision-maker to modify, complete, or refine the decision suggestions provided by the tool, and feed back to the tool. The tool again improves, completes, and refines the suggestions of the decision-maker and feedback for validation. The whole process may start again, until a consolidated solution is generated. | New term | 2015-11-23 | Reject  Query need and clarity |
| Availability | cat 9: VTS, sub 1: VTS terms |  | VTS41 | - yes, under cat. 5. (RCM & Reliability), sub 1. (Reliability): “Availability (qualitative)”  “The property of a device or system of being ready for use when required.”  yes, under cat. 5. (RCM & Reliability), sub 1. (Reliability): “Availability (quantitative)”  “The probability that a system will be available for operation at an arbitrarily chosen instant in the future. It may be expressed as the ratio MTBF/(MTBF + MTTR).”  - yes, under cat. 10. (e-Navigation), sub 1 (General e-Navigation terms):  “The percentage of time that an aid, or system of aids, is performing a required function under stated conditions. Non-availability can be caused by scheduled and/or unscheduled interruptions.  – Signal availability. The availability of a radio signal in a specified coverage area.  – System availability. The availability of a system to a user, including signal availability and the performance of the user’s receiver. “ | This is the probability that a system will perform its specified function when required. | another definition | 2016-03-09 | Reject  ARM Ctte to review definition of availability  Paper to ARM5  MH do list of currently defs of availability used in IALA Docs.  O-130 agrees with Navguide.  G-1035 def agrees with O-130.  Availability could be defined in different contexts.  See Navguide  Level of Service Rec  Existing approved by Council in Dec 2015 |

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