Reference: VTS41-12.2.16

# Purpose

This document should be used to submit proposals for additions, amendments or deletions of terms in the International Dictionary of Marine Aids to Navigation (Dictionary). Proposals will be considered by the Dictionary Working Group (DWG) of the IALA Policy Advisory Panel (PAP) and the Dictionary will be amended if the proposal(s) is approved.

# Proposed amendment of the Dictionary

Please use the following table to submit proposals for additions, amendments or deletions of terms in the Dictionary.

\* Sources: - VTS41

- IALA Guideline 1111 (May, 2015)

New document approved by Council61 contains 73 definitions:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Term** | **Dict. Nbr** | **Source**  **(meeting/**  **doc/**  **person)** | **Old definition** | **Proposed definition**  **English** | **Proposed definition**  **French** | **Proposed definition**  **Spanish** | **Reason for change** | **Date** | **Accept/**  **Reject** |
| Alarm | cat 9: VTS, sub 1: VTS terms | \* | - no, only *“Alarm system”*, under cat. 6. (Power Supplies), sub 8 (Utilisation of Electric Energy; Control and Protection):  *“A system of visual or audible devices to indicate that a fault has occurred on a machine or apparatus and that action must be taken to investigate and correct the fault.”*  - no, but another definition of *“Emergency alarm”* is given in IMO Res. A1021(26) (and doc 1110) and not yet included in IALA Dictionary:  *“Highest priority of an alert. Alarms which indicate immediate danger to human life or to the ship and its machinery exits and require immediate action.”*  - no, but another definition of *“Alarm”* is given in IMO Res. A1021(26) (and doc 1110) and not yet included in IALA Dictionary:  *“A high priority alert requiring immediate attention and action.”* | An alert that requires action. |  |  | VTS Committee TD#2 has to decide which definition is correct and which one is to be included in the IALA Dictionary  It could be both definitions with citation | 2016-03-09 | - yes, take both definitions and its citations over |
| Alert | cat 9: VTS, sub 1: VTS terms | \* | - no, only *“Alert limit (or threshold value)”*, under cat. 10. (e-Navigation), sub 1 (General e-Navigation terms)  *“The maximum allowable error in the measured position - during integrity monitoring - before an alarm is triggered.”*  - no, but another definition of *“Alert”* is given in IMO Res. A1021(26) (and doc 1110) and not yet included in IALA Dictionary:  *“An announcement of abnormal situations and conditions requiring attentions.”* | The provision of advice about operational issues. |  |  | VTS Committee TD#2 has to decide which definition is correct and which one is to be included in the IALA Dictionary  It could be both definitions with citation | 2016-03-09 | - yes, take both definitions and its citations over |
| Decision Maker | cat 9: VTS, sub 1: VTS terms | \* | - no, but another definition of *“Decision-maker”* is given in IMO Res. A1021(26) (and doc 1110) and not yet included in IALA Dictionary:  *“A person or group authorized to make decisions.”* | A person or group with the power or authority to make decisions. |  |  | VTS Committee TD#2 has to decide which definition is the most correct and which one is to be included in the IALA Dictionary | 2016-03-09 | - yes, take IMO definition over  - yes, take IMO definition over to doc 1110 and 1111 |
| Decision Support Tool | cat 9: VTS, sub 1: VTS terms | \* | - no, but another definition of *“Decision support tool (DST)”* is given in IMO Res. A1021(26) (and doc 1110) and not yet included in IALA Dictionary:  *“A tool to assist the decision-maker at an operational, tactical and strategic level. This may be in real-time or at a tactical or strategic level.”*  - other related definitions given in IMO Res. A1021(26) (and doc 1110) and not yet included in IALA Dictionary are:  *“Passive Decision Support Tool = A tool that aids the process of decision making, but that cannot bring out explicit decision suggestions or solutions.”*  *“Active Decision Support Tool = A tool that brings out decision suggestions or solutions to support decision making.”*  *“Cooperative Decision Support Tool = 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.”* | A VTS decision support tool assists the decision-maker at an operational planning and management level. This may be in real-time or at a tactical or strategic level. |  |  | VTS Committee TD#2 has to decide which definition of *“Decision Support Tool”* is the most correct and which one is to be included in the IALA Dictionary | 2016-03-09 | - yes, take IMO definition over  - yes, take IMO definition over to doc 1110 and 1111 |
| PD **(page 85 doc 1111)**  the same as “Radar PD” on page 31 in doc 1111 | cat 9: VTS, sub 1: VTS terms | \* | - no, but see chapter Abbreviations | Is the probability of target detection at the output of a sensor, subsequent to plot extraction, but prior to tracking, and presentation.  **Note:** In some systems the boundary of the sensor and its achieved PD complicate this definition – clarification may be required to avoid misunderstanding arising from, for example, data compression or video processing. |  |  | don’t copy this definition, see *“Radar PD”* | 2016-03-09 | - no |
| Plot Extraction **(page 31 doc 1111)** | cat 9: VTS, sub 1: VTS terms | \* | no | The process of determining the likely target related radar returns from the radar video signal. This typically consists of comparing the video level with a threshold which can be (dynamically) adapted to local background noise and clutter conditions. |  |  | VTS Committee TD#2 has to decide which definition is correct and which one is to be included in the IALA Dictionary  that is number 29 | 2016-03-09 | no, see next remark |
| Plot Extraction **(page 85 doc 1111)** | cat 9: VTS, sub 1: VTS terms | \* |  | The process of determining measurement values for a sensor observation  from the raw sensor data. In the case of a radar sensor, this typically consists of comparing the video level with a threshold which can be (dynamically) adapted to local background noise and clutter conditions. |  |  | new | 2016-03-09 | - yes, proposal: only take the longest version over |
| Radar PD **(page 31 doc 1111)**  the same as “PD” on page 85 | cat 9: VTS, sub 1: VTS terms | \* | no | Is the probability of target detection at the output of a radar, subsequent to plot extraction, but prior to tracking, and presentation.  **Note**: In some systems the boundary of the radar and its achieved PD complicate this definition – clarification may be required to avoid misunderstanding arising from, for example, data compression or video processing. |  |  | new | 2016-03-09 | yes, take this definition over  (also see remarks at PD) |
| Radar Tracks **(page 32 doc 1111)** | cat 9: VTS, sub 1: VTS terms | \* | no | A target report resulting from the correlation, by a special algorithm (tracking) of a succession of radar-reported positions (radar plots) for one object. The report normally contains filtered position, speed vector information, identity, (e.g. track number). Additional information may include, for example, track uncertainties, the associated plot, timestamp, track quality. |  |  | new | 2016-03-09 | - yes, proposal: only take the longest version over |
| Radar Track (Report)  **(page 85 doc 1111)** | cat 9: VTS, sub 1: VTS terms | \* |  | A target report resulting from the correlation, by a special algorithm (tracking filter) of a succession of radar-reported positions (radar plots) for one object. |  |  | VTS  Committee TD#2 has to decide which definition is correct and which one is to be included in the IALA Dictionary | 2016-03-09 | - no, see former remark |
| Radar Video **(page 31 doc 1111)** | cat 9: VTS, sub 1: VTS terms | \* | no | A time-varying signal, proportional to the sum of the radio frequency (RF) signals  being received and the RF noise inherent in the receiver itself. Traditionally, radar video is an analogue signal with associated azimuth reference information. Recently, radar systems have become available which provide equivalent data in digital format. |  |  | new | 2016-03-09 | - yes, proposal: only take the longest version over |
| Radar Video **(page 85 doc 1111)** | cat 9: VTS, sub 1: VTS terms | \* |  | A time-varying signal, proportional to the sum of the radio frequency (RF) signals being received and the RF noise inherent in the receiver itself. Radar video can be an analogue signal with associated azimuth reference information, and/or video data (including amplitude) in digital format. |  |  | VTS Committee TD#2 has to decide which definition is correct and which one is to be included in the IALA Dictionary | 2016-03-09 | - no, see former remark |