Reference: VTS42-12.1.4

# 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 | IALA Guideline 1110  In accordance with in IMO Res. A1021(26) | - 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.”* | A high priority alert requiring immediate attention and action. |  |  |  | 2016-08-01 |  |
| Alert | cat 9: VTS, sub 1: VTS terms | IALA Guideline 1110  In accordance with in IMO Res. A1021(26) | - 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.”* | An announcement of abnormal situations and conditions requiring attentions. |  |  |  | 2016-08-01 |  |
| Decision Maker | cat 9: VTS, sub 1: VTS terms | IALA Guideline 1110 | - 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.”* | Nil action required during VTS42 as the following definition was agreed by the DWG5 on 1st July 2016:  “Decision-maker” is given Guideline 1110  A person or group authorized to make decisions. |  |  |  |  |  |
| Decision Support Tool | cat 9: VTS, sub 1: VTS terms | IALA Guideline 1110 | - 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.”* | 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. |  |  |  | 2016-08-01 |  |
| Passive Decision Support Tool |  | IALA Guideline 1110 |  | Passive Decision Support Tool = A tool that aids the process of decision making, but that cannot bring out explicit decision suggestions or solutions. |  |  |  | 2016-08-01 |  |
| Active Decision Support Tool |  | IALA Guideline 1110 |  | Active Decision Support Tool = A tool that brings out decision suggestions or solutions to support decision making. |  |  |  | 2016-08-01 |  |
| Cooperative Decision Support Tool |  | IALA Guideline 1110 |  | 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. |  |  |  | 2016-08-01 |  |
| PD | cat 9: VTS, sub 1: | IALA Guideline 1111 |  | This is the probability of target detection at the output of a sensor, subsequent to plot extraction, but prior to tracking, and presentation. |  |  |  | 2016-08-01 |  |
| Plot Extraction | cat 9: VTS, sub 1: VTS terms | IALA Guideline 1111 |  | The process of determining measurement values for a sensor observation from the raw sensor data.  When applied to radar it is 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. |  |  |  | 2016-08.01 |  |
| Radar PD | cat 9: VTS, sub 1: VTS terms | IALA Guideline 1111 | 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. |  |  |  | 2016-08-01 |  |
| Radar Tracks | cat 9: VTS, sub 1: VTS terms | IALA Guideline 1111 | 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. |  |  |  | 2016-08-01 |  |
| Radar Track (Report) | cat 9: VTS, sub 1: VTS terms | IALA Guideline 1111 |  | 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. |  |  |  | 2016-08-01 |  |
| Radar Video | cat 9: VTS, sub 1: VTS terms | IALA Guideline 1111 | 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. |  |  |  | 2016-08-01 |  |
| Availability |  | IALA Guideline 1111 |  | This is the probability that a system will perform its specified function when required. |  |  |  | 2016-08-01 |  |