**VTS Committee Task Plan 2018 – 2022 (2020-09-18)**

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| **Standard** | **Topic Area** | **Task** | **Status** | **Strategy/**  **Priority** | **45** | **46** | **47** | **48** | **49** | **50** | **51** | **Coop**  **WG** |
|  |  | **WG#1 – Operations** |  |  |  |  |  |  |  |  |  |  |
| Vessel Traffic Services | VTS Implementation | * + 1. Revision of IMO Resolution A.857(20) Guidelines for Vessel Traffic Services        1. Update Guideline 1089 to be inline with Revised IMO Resolution on Vessel Traffic Services post adoption.        2. Update documents that require changes to incorporate the new terminology post adoption of the revised IMO Resolution on Vessel Traffic Services. | Revision of resolution completed. Awaiting IMO decisions (MSC + Assembly).  Preparations of IALA documents ongoing. |  | X | X | X | ~~X~~ | X | X |  | 2,3 |
| Vessel Traffic Services | VTS Implementation | 1.1.2 Review and update V-119 on the Implementation of Vessel Traffic Services (R0119) (Output to be a revised Recommendation and associated Guideline on the Establishment of VTS) | Split into Rec and GL completed. Both to Council for approval.  GL revision ongoing (incl. task 1.1.3) |  |  |  | X | ~~X~~ | X | X |  | 2  3, WWA (task 1.1.3) |
| Vessel Traffic Service | VTS Implementation | 1.1.3 Develop guidance on training needs for those involved in the planning and implementation of a VTS, to be included in the new Guideline on the Establishment of VTS (task 1.1.2) | To be included in GL developed under Task 1.1.2 |  |  |  |  | ~~X~~ | X |  |  | 3  WWA |
| Vessel Traffic Services | VTS Implementation | 1.1.4 Develop a Guideline G1142 on the Provision of Local Port Services (LPS) other than VTS | Completed G1142 at VTS45 |  | X |  |  |  |  |  |  |  |
| Vessel Traffic Services | VTS Operations | 1.2.1 Review and update V-127 on Operational Procedures for Vessel Traffic Services (Output to be a revised Recommendation R0127 and associated Guideline G1141 on Operational Procedures for VTS) | Split into R0127 and G1141 completed  GL Revision ongoing |  | X | X | X | ~~X~~ | X | X | X |  |
| Vessel Traffic Services | VTS Operations | 1.2.2 Update Guideline 1110 on Decision Support Tools for VTS Personnel (take into account emerging concepts and technologies) |  |  |  |  |  |  | X | X | X | 2 |
| Vessel Traffic Services | VTS Operations | 1.2.3 Develop a Guideline for Promulgating the Requirements of a VTS To Mariners – A VTS Users Guide Template | Completed at VTS46 |  | X | X |  |  |  |  |  |  |
| Vessel Traffic Services | VTS Operations | 1.2.4 Develop a Guideline on Maritime Services in the context of e-Navigation relating to VTS (merged with task 1.2.7) |  |  | X | X | X | ~~X~~ | X | X |  | 2 |
| Vessel Traffic Services | VTS Operations | 1.2.5 Develop a Guideline on the implications of maritime autonomous surface ships (MASS) from a VTS perspective |  |  |  |  |  |  |  | X | X |  |
| Vessel Traffic Services | VTS Operations | 1.2.6 Develop a Guideline on how to develop a safety culture in VTS |  |  |  |  |  |  |  | X | X | 3 |
| Vessel Traffic Services | VTS Operations | ~~1.2.7 Develop Guideline on the development and implementation of VTS related MSP’s other than MSP 1, 2 and 3~~ | Council70 approved to merge with task 1.2.4 and delete task 1.2.7. |  |  |  | ~~X~~ | ~~X~~ | ~~X~~ |  |  | ~~2~~ |
| Vessel Traffic Services | VTS Operations | 1.2.8 Develop a IALA Reference List on IALA Documentation Relating to VTS | Continued update by Sec. |  | X |  |  |  |  |  |  | 2,3 |
| Vessel Traffic Services | VTS Communications | 1.3.1 Develop a Guideline on VTS Voice Communications, Phrases/Phraseology (with WG3) |  |  | X | X | X | ~~X~~ | X | X |  | 3 |
| Vessel Traffic Services | VTS Communications | 1.3.2 Develop a Recommendation on Digital information transfer between ship and shore in VTS operations (operational aspects) |  |  |  |  |  |  |  | X | X |  |
| Vessel Traffic Services | N/A | 1.4.1 Update and publish the VTS Manual and develop related procedures for its future management | Coordination Group established |  |  | X | X | ~~X~~ | X |  |  | 2,3 |
| Vessel Traffic Services | N/A | 1.4.2 Develop procedures for the ongoing management and conduct of the Global VTS Questionnaire | Coordination Group established |  | X | X | X | ~~X~~ | ~~X~~ | X | X | 2,3 |
| Vessel Traffic Services | N/A | 1.4.3 Prepare a “living document” on “Future VTS”, including emerging technologies and human element. |  |  |  |  |  |  | ~~X~~ | X | X | 2,3 |
| Vessel Traffic Services | N/A | ~~1.4.4 Produce a Guideline on preparing for Zero Accident Campaign~~ | No IMO response.  Task discontinued |  |  |  |  |  |  |  |  |  |

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|  |  | **WG#2 – Technology** |  |  |  |  |  |  |  |  |  |  |
| Vessel Traffic Services | VTS Data and Information Management | 2.1.1 Develop a Guideline on the portrayal of VTS information and data (both operational and technical aspects) (with WG1) |  |  | X | X | X | ~~X~~ | X | X |  | 1 |
| Vessel Traffic Services | VTS Data and Information Management | 2.1.2 Develop a Recommendation and Guideline on Cyber-Security in AtoN operations (lead by ARM, all Committees via Workshop) | Sec to note name change from ENG to ARM lead |  |  |  | X | ~~X~~ | ~~X~~ | ~~X~~ | X | 1,3 |
| Vessel Traffic Services | VTS Technologies | 2.2.1 Review and update Recommendation V-128 on Operational and Technical Performance of VTS Systems |  |  |  |  |  | ~~X~~ | X | X | X | 1 |
| Vessel Traffic Services | VTS Technologies | 2.2.2 Review and update Guideline 1111 on Preparation of Operational and Technical Performance Requirements for VTS Systems |  |  | X | X | X | ~~X~~ | X | X |  | 1 |
| Vessel Traffic Services | VTS Technologies | 2.2.3 Develop a Guideline on Acceptance of VTS systems | Split into one general GL and one specific GL on radar etc. |  | X | X | X | ~~X~~ | X |  |  |  |
| Information services | Data models and data encoding | 2.3.1 Develop a Product Specification under the S-100 framework for VTS | Sec to note new name |  | X | X | X | ~~X~~ | X | X | X | 1 |
| Information Services | Data models and data encoding | 2.3.2 Review and update Recommendation V-145 on the Inter-VTS Exchange Format (IVEF) Service (Output to be a revised Recommendation and associated Guideline) |  |  |  |  |  | ~~X~~ | ~~X~~ | X | X |  |

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|  |  | **WG#3 –Training** |  |  |  |  |  |  |  |  |  |  |
| Vessel Traffic Services | VTS Implementation | 3.1.1 Develop a Guideline on human factors [and ergonomics] in VTS | External expertise call |  |  | X | X | ~~X~~ | X | X | X | 1,2 |
| Vessel Traffic Services | VTS Operations | 3.2.1 Develop a Guideline on the management of a VTS | Questionnaire for  VTS ~~48~~ 49 |  | X | X | X | ~~X~~ | X | X |  | 1 |
| Vessel Traffic Services | VTS Operations | 3.2.2 Review, update and reformat Guideline 1045 on staffing level at VTS centres. | Completed at VTS45 |  | X |  |  |  |  |  |  |  |
| Training and Certification | Training and Assessment | 3.3.1a Review and split R0103 (V-103) to a Recommendation and Guideline | Questionnaire for  VTS ~~48~~ 49 |  | X | X | X | ~~X~~ | X |  |  |  |
| Training and Certification | Training and Assessment | 3.3.1b Review / update Model Course V-103/1 – VTS Operator |  |  | X | X | X | ~~X~~ | X | X | X |  |
| Training and Certification | Training and Assessment | 3.3.1c Review / update Model Course V-103/2 – VTS Supervisor |  |  |  |  |  |  | X | X | X |  |
| Training and Certification | Training and Assessment | 3.3.1d Review / update Model Courses V-103/3; 103/4; 103/5 |  |  |  |  |  |  | X | X | X |  |
| Training and Certification | Training and Assessment | 3.3.2 Review and update Guideline 1017 on Assessment of Training for VTS |  |  |  |  | X | ~~X~~ | X | X |  |  |
| Training and Certification | Training and Assessment | ~~3.3.3 Produce a VTS Training Manual to complement the V‐103 and its model courses~~ | Council70 approved task deletion |  |  |  |  | ~~X~~ | ~~X~~ | ~~X~~ | ~~X~~ |  |
| Training and Certification | Competency, certification and revalidation | 3.4.1 Review and update Guideline 1014 on the Accreditation and Approval Process for VTS Training |  |  |  |  |  | ~~X~~ | X | X | X |  |
| Vessel Traffic Services | N/A | 3.5.1 Develop guidance on VTS training for deck officers | Completed at VTS47 |  | X | X | X |  |  |  |  |  |

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| **Symposia, Workshops & Seminars for 2018-2022 work period** | **Date** | **Place** | **Lead / Target Group** |
| Workshop on Initial Operational Capability (IOC) Phase of E-Navigation Services | 08-10 April 2019 | Singapore | ENAV lead |
| IALA Seminar on the Revision of the IMO Resolution for Vessel Traffic Services | 24-28 June 2019 | IALA HQ, France | VTS lead / All |
| IALA Symposium (VTS and ENAV) | 19-23 April 2021 | Rotterdam,  The Netherlands | VTS, ENAV / All |
| Joint IHO and IALA Workshop on S-100 and S-200 Development and Portrayal | Postponed | Norway | ARM lead |
| Joint IALA workshop on Cyber security in Marine AtoN operations | Postponed | Quebec, Canada | ARM lead /All |
| Joint workshop between VTS and ARM Committee on MSP and/or digital services |  |  | ARM lead / |
| Joint seminar with WWA on VTS training, accreditation and approval process. | 2021 ? |  | WG3, WWA |