**DRAFT**

**VTS Committee Work Programme 2018 - 2022**

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| **Legend** | |
|  | - Items carried forward from 2014-2018 Work Programme |
|  | - Proposed new Work Programme item |

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| **Standard** | **Topic Area** | **Task** | **Status** | **Strategy/**  **Priority** | **45** | **46** | **47** | **48** | **49** | **50** | **51** |
|  |  | **TD#1 – Operations** |  |  |  |  |  |  |  |  |  |
| Vessel Traffic Services | VTS Operations | 1.1.4 Produce a Guideline on Maritime Service Portfolios for VTS |  |  | **X** | **X** | **X** | **X** |  |  |  |
| Vessel Traffic Services | VTS Communications | 1.X.X Produce a Guidelineon VTS Communication Phrases / Phraseology |  |  | **X** | **X** | **X** |  |  |  |  |
| Vessel Traffic Services | VTS Operations | 1.4.2 Review/update/provide input to IMO on Resolution A.857(20) Guidelines for VTS |  |  | **X** | **X** | **X** | **X** | **X** |  |  |
| Vessel Traffic Services | VTS Operations | 1.X.X Review and update V-119 on the Implementation of Vessel Traffic Services |  |  |  |  |  | **X** | **X** | **X** | **X** |
| Vessel Traffic Services | N/A | 1.X.X Develop procedures for the ongoing management and conduct of the Global VTS Questionnaire |  |  | **X** | **X** |  |  |  |  |  |
| Vessel Traffic Services | N/A | 1.X.X Prepare a “living document” on “Future VTS”, including emerging technologies and human element |  |  |  |  |  |  | **X** | **X** | **X** |
| Vessel Traffic Services | N/A | 1.X.X Update and publish the VTS Manual and develop related procedures for its future management |  |  | **X** | **X** | **X** | **X** |  |  |  |
| Vessel Traffic Services | VTS Operations | 1.X.X Develop guidance on how to develop a safety culture for VTS |  |  |  |  |  | **X** | **X** | **X** | **X** |
| Vessel Traffic Services | VTS Technologies | 1.X.X Update Guideline 1110 on Decision Support Tools for VTS Personnel take into account emerging concepts and technologies. |  |  |  |  | **X** | **X** | **X** | **X** |  |
| Vessel Traffic Service | VTS Implementation | 1.X.X Prepare guidance on planning, implementing, operating and managing VTS in developing countries |  |  | **X** | **X** | **X** |  |  |  |  |
| Vessel Traffic Services | VTS Operations VTS Technologies | 1.X.X Develop guidance on the implications of maritime autonomous surface ships from a VTS perspective |  |  |  |  |  |  | **X** | **X** | **X** |
| Vessel Traffic Services | VTS Operations | 1.X.X Develop guidance on the development and implementation of VTS related MSP’s other than MSP 1, 2 and 3 |  |  |  | **X** | **X** | **X** | **X** |  |  |

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| **Standard** | **Topic Area** | **Task** | **Status** | **Strategy/**  **Priority** | **45** | **46** | **47** | **48** | **49** | **50** | **51** |
|  |  | **TD#2 – Technology** |  |  |  |  |  |  |  |  |  |
| Vessel Traffic Services | VTS Technology | 2.2.1 Develop Guidance on the technical acceptance of a VTS system |  |  | **X** | **X** | **X** | **X** | **X** |  |  |
| Vessel Traffic Services | VTS Technology | 2.3.1 Develop a Guideline on the technical interface between VTS systems and the systems of other stakeholders |  |  |  |  |  |  |  |  |  |
| Vessel Traffic Services | VTS Technology | 2.X.X Review Recommendation V-128 on Operational and Technical Performance of VTS Systems and Guideline 1111 on Preparation of Operational and Technical Performance Requirements for VTS Systems |  |  |  |  |  | **X** | **X** | **X** | **X** |
| Vessel Traffic Services | VTS Technology | 2.X.X Review the Recommendation V-145 on the Inter-VTS Exchange Format (IVEF) Service with a view to incorporating it as a product specification under S-200 |  |  |  |  |  | **X** | **X** | **X** | **X** |
| Information services | Data models and data encoding | 2.X.X Develop a data model for digital information services for VTS |  |  |  |  | **X** | **X** |  |  |  |
| Vessel Traffic Services | VTS Technology | 2.X.X Produce a Guideline on the portrayal of VTS information |  |  | **X** | **X** | **X** | **X** |  |  |  |
| Vessel Traffic Services | VTS Technology | 2.X.X Produce guidance on Cyber-Security related to VTS |  |  | **X** | **X** | **X** | **X** |  |  |  |
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|  |  | **TD#3 –Training** |  |  |  |  |  |  |  |  |  |
| Vessel Traffic Services | N/A | 3.4.1 VTS awareness for navigating officers |  |  |  |  |  |  |  |  |  |
| Vessel Traffic Services | VTS Operations | 3.3.1 Develop guidance on human factors and ergonomics in VTS |  |  |  |  |  |  |  |  |  |
| Training and Certification | Competency Certification and revalidation | 3.X.X Develop guidance on the management of a VTS |  |  |  |  |  |  |  |  |  |
| Training and Certification | Competency Certification and revalidation | 3.X.X Review and update IALA Guideline 1014 on the Accreditation and Approval Process for VTS Training |  |  |  |  |  |  |  |  |  |
| Training and Certification | Competency Certification and revalidation | 3.X.X Review ,modernise and reformat V-103 on the Standards for Training and Certification of VTS Personnel and its associated Model Courses. | REC, GL & MC |  |  |  |  |  |  |  |  |
| Training and Certification | Human factors and ergonomics | 3.X.X Review, update and reformat Guideline 1045 on staffing level at VTS centres, |  |  |  |  |  |  |  |  |  |

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| **Workshop & Seminar proposals for 2018-2022 work period** | **Date** | **Place** | **Remarks** |
| Seminar on VTS training, accreditation and approval process. | Spring 2019 | Busan, Republic of Korea | Week before VTS46 |
| Joint workshop proposal between VTS and ENAV Committee on the operational and technical aspects of MSPs |  |  |  |
| Joint workshop on Data modelling between ENAV and VTS |  |  |  |