**VTS Committee Task Plan 2023 – 2027 (21-03-2024)**

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| **Standard** | **Scope** | **No.** | **Task** | **Comment** | **54** | **55** | **56** | **57** | **58** | **59** | **60** | **Coop. entity** |
|  |  |  | **WG#1 – Operations** |  | 2023 | 2024 | 2024 | 2025 | 2025 | 2026 | 2026 |  |
| Vessel Traffic Services | VTS Implementation | 1.1.2 | Develop guidance for establishing a compliance and enforcement framework by participating ships |  |  |  |  |  | X | X | X |  |
| Vessel Traffic Services | VTS Implementation | 1.1.3 a)  b) | Develop guidance on the implications of maritime autonomous surface ships (MASS) from a VTS perspective |  | X | X | X |  |  |  |  |  |
| Assess the implications associated with the advent of MASS on IALA Standards specifically related to the establishment and operation of VTS (scoping exercise) |  |  |  |  | X | X | X | X |  |
| Vessel Traffic Services | VTS Implementation | 1.1.4 | Develop guidance on delineating the VTS area |  |  |  |  | X | X | X |  | ARM |
| Vessel Traffic Services | VTS Implementation | 1.1.5 | Develop guidance to assist competent authorities for VTS establish an appropriate policy and regulatory framework to meet their obligations |  | X | X | X | X |  |  |  |  |
| Vessel Traffic Services | VTS Operations | 1.2.1 | Develop guidance for digital route exchange within VTS operations (+ application of  S-421) |  |  |  |  |  | X | X | X |  |
| Vessel Traffic Services | VTS Communications | 1.3.1 | Develop guidance on VTS digital communications (operational aspects ) |  | X | X | X | X |  |  |  | WG2 & DTEC |
| Vessel Traffic Services | VTS Communications | 1.3.2 | Revision of IMO Resolution A.918(22) IMO Standard Marine Communication Phrases (prepare note IMO in time) |  | X | X | X | X |  |  |  |  |
| Marine AtoN planning and service require­ments | Obligations and regulatory compliance | 1.8.1 | Develop guidance on the certification of technical equipment, information syst­­ems and technical infrastructure related to MASS in the domain of IALA | Awaiting DTEC |  |  |  |  |  |  |  | DTEC lead |
| Marine AtoN planning and service require­ments | Aids to navigation planning | 1.8.2 | Review relevant sections of NAVGUIDE (in cooperation with the Secretariat) | Awaiting ARM |  |  |  |  |  |  |  | WG2&3 ARM lead |
| Marine AtoN planning and service require­ments | Aids to navigation planning | 1.8.3 | Develop guidance on the provision of AtoN and risk management for autonomous vehicle/vessel operations (Maritime Autonomous Surface Ship, MASS) | Awaiting DTEC |  |  |  |  |  |  |  | DTEC lead |
| Marine AtoN planning and service require­ments | Quality Management | 1.8.4 | Develop a guideline on quality management system for VTS |  | X | X | X |  |  |  |  |  |
| Marine AtoN planning and service require­ments | Risk Management | 1.8.5 | Enhancing the safety and efficiency of navigation around offshore installations | Awaiting ARM |  |  |  |  |  |  |  | ARM lead |
| Information services | Data models and data encoding | 1.8.6 | Harmonization of VTS data elements (internal and external integration) | New task to Council 80 for approval |  |  | X | X | X | X | X | Sec, WG2 |
| Vessel Traffic Services | N/A | 1.9.1  a)  b) | Consider relevant VTS documents to be revised/updated |  | X | X | X | X | X | X | X |  |
| Update of G1141 Operational Procedures for VTS | To Council 80 for approval | X | X |  |  |  |  |  |  |
| Update G1120 Disaster Recovery | Consider VTS55-7.2.2 |  | X | X |  |  |  |  | ARM lead |
| Vessel Traffic Services | N/A | 1.9.2 | Continuous update of the VTS Manual |  | X | X | X | X | X | X | X | WG2,3 |
| Vessel Traffic Services | N/A | 1.9.3 | Review the VTS questionnaire and conduct a digital global survey |  | X | X | X | X |  |  |  | WG2,3 |
| Vessel Traffic Services | N/A | 1.9.4 | Proceed with the “living document” on “Future VTS”, including emerging technologies and Human Element |  | X | X | X | X | X | X | X | WG2,3 |
|  |  |  | **WG#2 – Technology** |  | 2023 | 2024 | 2024 | 2025 | 2025 | 2026 | 2026 |  |
| Vessel Traffic Services | VTS Data and Information Management | 2.5.1 | Revise G1177 on portrayal of VTS information | To Council 80 for approval | X | X | X |  |  |  |  | WG1 |
| Vessel Traffic Services | VTS Data and Information Management | 2.5.2 | Develop Technical Service Specifications for VTS |  | X | X | X | X | X | X | X | WG1 &  Task 2.8.1 |
| a) | Technical Service Specification and Design for VTS Traffic Clearance | Testing version to be published | X | X | X |  |  | X | X |
| b) | Technical Service Specification for Route Exchange |  | X | X | X |  |  | X | X |
| Vessel Traffic Services | VTS Technologies | 2.6.1 | Consider updating G1111-1 to include guidance on VTS Management Information Systems |  | X |  | X | X |  |  |  |  |
| Information services | Data models and data encoding | 2.8.1 | Develop a Product Specification S-212 on VTS Digital Information |  | X | X | X | X | X | X | X | WG1 & Task 2.5.2 |
| Information services | Data models and data encoding | 2.8.2 | Review and update Recommendation R0145 (V-145) on the Inter-VTS Exchange Format (IVEF) Service |  | X | X | X | X | X | X | X | WG1 |
| Marine AtoN planning and service require­ments | Obligations and regulatory compliance | 2.8.3 | Develop guidance on the certification of technical equipment, information syst­­ems and technical infrastructure related to MASS in the domain of IALA | Awaiting DTEC |  |  |  |  |  |  |  | DTEC lead |
| Marine AtoN planning and service require­ments | Risk Management | 2.8.4 | Develop guidance on cyber security for Marine AtoN |  | X | X |  |  |  |  |  | WG1 &3  ARM lead |
| AtoN design and delivery | Design, implementation and maintenance | 2.8.5 | Full review of A-126, G1084 and other AIS associated documentation | Awaiting ARM |  |  |  |  |  |  |  | WG1 &3  ARM lead |
| AtoN design and delivery | Design, implementation and maintenance | 2.8.6 | Develop Recommendation and Guideline on the use of drones for AtoN inspection and maintenance | Awaiting ARM |  |  |  |  |  |  |  | ARM lead |
| Digital communication technologies | Harmonized maritime connectivity | 2.8.7 | Develop guidance on Digital VHF communication | Awaiting DTEC |  |  |  |  |  |  |  | DTEC lead |
| Information services | Terminology, symbology and portrayal | 2.8.8 | Develop guidance on the symbology and portrayal of AtoN for charting | Awaiting ARM |  |  |  |  |  |  |  | ARM lead |
| Vessel Traffic Services | N/A | 2.9.1 | Consider relevant VTS documents to be revised/updated |  |  | X | X | X | X | X | X |  |
|  |  |  | **WG#3 – Training** |  | 2023 | 2024 | 2024 | 2025 | 2025 | 2026 | 2026 |  |
| Vessel Traffic Services | VTS Implementation | 3.1.1 | Develop guidance for dealing with stress or trauma in VTS operations |  |  |  | X | X | X | X | X |  |
| Vessel Traffic Services | VTS auditing and assessing | 3.4.1 | Develop guidance on aptitudes required by VTS operators |  | X | X | X | X | X |  |  |  |
| Training and Certification | Training and Assessment | 3.8.1 | Revision of G1103 on Train the Trainer |  |  |  |  | X | X | X | X |  |
| Training and Certification | Training and Assessment | 3.8.2 | Develop guidance for remote training in VTS |  |  | X | X | X | X | X |  |  |
| Training and Certification | Training and Assessment | 3.8.3 | Develop a model course on incident response and crisis coordination | Awaiting ARM |  |  |  |  |  |  |  | WG1 |
| Training and Certification | Training and Assessment | 3.8.4 | WWA lesson plans to review | Awaiting ENG |  |  |  |  |  |  |  | ENG lead |
| Training and Certification | Training and Assessment | 3.8.5 | Develop a guideline on skills related to the digital environment, such as data analytics and maritime informatics and associated training programs with WWA. | Awaiting DTEC |  |  | X | X | X | X | X | WG2  DTEC lead |
| Training and Certification | Training and Assessment | 3.8.6 | Revision of G1027 on Simulation in VTS training |  | X | X |  |  |  |  |  |  |
| Training and Certification | Training and Assessment | 3.8.7  a)  b)  c) | Revision of IALA VTS Model Courses |  |  |  |  |  |  |  |  |  |
| C0103-2 VTS Supervisor | Approved at Council 79 | X |  |  |  |  |  |  |  |
| C0103-4 OJT Instructor | To Council 80 for approval | X | X |  |  |  |  |  |  |
| C0103-5 VTS Revalidation Process |  |  |  | X | X | X |  |  |  |
| Training and Certification | Training and Assessment | 3.8.9 | Training in implementation of digital solutions (data analytics & maritime informatics) | Awaiting DTEC |  |  |  |  |  |  |  | DTEC lead |
| Training and Certification | Accreditation, competency, certification and revalidation | 3.8.8 | Consider including English language competency requirements in VTS operations |  | X | X | X | X | X | X |  | WG1 |
| Training and Certification | N/A | 3.9.1 | Consider relevant VTS documents to be revised/updated |  | X | X | X | X | X | X | X |  |

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| **Symposia, Workshops & Seminars for 2023-2027 work period** | **Date** | **Place** | **Lead / Target Group** |
| Joint workshop between VTS and ARM Committee on MSs and/or digital services | TBD | TBD | ARM lead / All |
| 2. Joint IALA/IHO workshop on S-100 and S-200 | 09 - 13 September 2024 | Annapolis / USA | ARM lead / VTS, DTEC |
| Joint workshop on sustainability in Marine AtoN provision | November 2025 | IALA HQ, France | ENG lead / All |
| Workshop On The Roles and Responsibilities of Competent Authorities for VTS | Q1/2025 | Italy | VTS lead |
| IALA Symposium | TBD | Singapore | VTS lead / All |

**Legend: Legend for task numbering:**

Blank: Ongoing or scheduled task Digit 1: WG 1, 2 or 3

Light orange: To Council to note or approve Digit 2: S1040 VTS Scope No.; Other standards = 8; Standard not available = 9

Light grey: Task completed or deleted Digit 3: In sequence (1, 2, 3 etc.)

X Prolonged task Digit 4: Sub task a, b, c…(if needed)