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| **VTS Committee**  **Task Register**  **For**  **2023 – 2027** |
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Revisions to the IALA Document are to be noted in the table prior to the issue of a revised document

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| **Date** | **Page / Section Revised** | **Requirement for Revision** |
| 07 Oct 2021 | First draft | Only task provided by template format  by Dirk Eckhoff |
| 13 Oct 2021 | Several pages | More tasks added by Dirk Eckhoff |
| 14 Oct 2021 | Several pages | More tasks added, formatting by Dirk Eckhoff |
| 22 July 2022 | Page 7 /Task 1.1.2. | Title change by Dirk Eckhoff |
| 27 July 2022 | Page 14 /Task 2.1.2 | Task added by Dirk Eckhoff |
| 01 Sep 2022 | All pages | Add tasks to be forwarded for previous work programme and invent new task numbering schema by Dirk Eckhoff |
| 07 Sept 2022 | Task 1.1.6, Task 2.7.1 | Task deleted T1.1.6 no new task, T2.7.1 finalized previous WP by Dirk Eckhoff |
| 11 Sept 2022 | Task 1.3.1, 1.3.2, 1.3.3, 2.5.1, 2.6.1, 3.4.1 | New task numbers according to the foreseen new standard 1040 topic numbers by Dirk Eckhoff |

Purpose of this Document

The purpose of this document is to maintain a register of VTS Committee Work Programme Tasks for 2023 - 2027 which describes:

* The current status of each Task
* How the Task is linked to IALA’s Strategic Alignment
* Key changes to the task during its development

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# TASK 1.1.1 Update documents that require changes to incorporate the new terminology post adoption of the revised IMO Resolution on Vessel Traffic Services

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| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | VTS Operations | | |
| **Task** | 1.1.1 Revision of IMO Resolution A.857(20) Guidelines for VTS  1.1.1.1 Update Guideline 1089 to be in line with Revised IMO Resolution on Vessel Traffic Services post adoption.  Following submission of draft revision to IMO and approval of the draft guideline G1089 (task 1.1.1.1) by council at C72, two further tasks have been identified:  1.1.1.2 Update documents that require changes to incorporate the new terminology post adoption of the revised IMO Resolution on Vessel Traffic Services.  1.1.1.3 Review and update Rec V-120 to be a Guideline | | |
| **Objectives of the task** | Objectives of task 1.1.1: To lead the preparation of the draft revision of IMO Resolution A.857(20) through broad participation and engagement of all stakeholders for consideration by IMO MSC.  Joint task with WG 2 and WG 3.  Objectives of task 1.1.1.1: Update Guideline 1089 to be in line with Revised IMO Resolution on Vessel Traffic Services post adoption.  Objectives of tasks 1.1.1.2 & 1.1.1.3:  - a number of IALA documents need an interim update to keep them aligned to the new resolution until such time as a full review can be conducted.  - Recommendation V-120 requires a more extensive amendment and should be reissued as a guideline.  These are committee-wide tasks | | |
| **Expected outcome** | Outcome of task 1.1.1: A revised resolution that provides a clear and concise framework to implement and deliver VTS globally in a realistic, consistent and harmonized manner.  The revised/new resolution should be prepared in a form that:   * Provides an appropriate high-level framework that is both clear and concise * Provides a link between SOLAS, the resolution, IMO documentation and requirements relevant to VTS and IALA Standards (as amended or as adopted) * Recognises:   + The “key areas” identified in the IMO submission; and   + The outcomes from the Intersessional Meeting of Working Group 1 (Operations) in April 2018.   Outcome of task 1.1.1.1:  A revised guideline on provision of a VTS in line with the revised IMO Resolution on VTS to be in force immediately when the new resolution comes into force.  Outcomes of tasks 1.1.1.2 & 1.1.1.3:  1.1.1.2 –The reissue of IALA documents that can be aligned without a full review incorporating interim amendments until such time as a full review can be scheduled in the normal course.  1.1.1.3 – Recommendation V-120 - VTS in Inland Waters revised and reissued as a guideline. | | |
| **Compelling need** | Compelling need for task 1.1.1: The IMO Maritime Safety Committee approved a submission (MSC/99/20/3) by 8 Contracting Governments and 4 Non-Government Organisation (including IALA) for a revision of Resolution A.857(20) on Guidelines for Vessel Traffic Services at its 99th meeting in May 2018.  The IMO Sub-Committee on Navigation, Communications and Search and Rescue (NCSR) will consider the revision during the 2019-2020 biennium.  Compelling need for tasks 1.1.1.1, 1.1.1.2 & 1.1.1.3:  The new Resolution on Guidelines for Vessel Traffic Services will be a significant revision to IMO Resolution A.857(20). It will represent a major change in format and include some important changes to VTS policy. To ensure that IALA is recognised as a forward-looking and pro-active organisation, it is vital that the changes to the Resolution are reflected in IALA VTS documentation as quickly as possible after the new Resolution is issued. Task 1.1.1.1 especially focused on the guideline on provision of a VTS.  The two remaining parts of this task, 1.1.1.2 & 1.1.1.3, make appropriate preparations for the interim update of a number of IALA documents ready for issue promptly after the new resolution itself is issued. | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal**  G1 - Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  **Strategy**  S1 - Develop standards suitable for direct citation by States, in areas deemed important by the General Assembly, and the related Recommendations and Guidelines.  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations.  S6 - Improve and harmonise the delivery of VTS globally and in a manner consisten with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Scope** | **In Scope:**  Refer to MSC/99/20/3  **Out of scope:**  Refer to MSC/99/20/3  For tasks 1.1.1.2 & 1.1.1.3  **In scope:**  Only IALA documents on VTS that can be aligned with the new resolution through the update to terms/quotes and the update to cross-references, with the exception of V-120 for which a full revision and transposition into a guideline is required.  **Out of scope:**  Any IALA document on VTS requiring more extensive revision and detailed review by the Committee with the exception of the transposition of V-120 into a guideline. | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** (where appropriate). | Preparation of revised/new Resolution for submission to NSCR First draft IALA revised/new Resolution for approval by the Committee and subsequent adoption by the Assembly. Key milestones for task 1.1.1 include:   |  |  | | --- | --- | | First draft of revised/new Resolution | Oct 2018 (VTS45) | | Information Paper/s to NCSR and MSC  • Status of the revision  • Invitation to the workshop [May 13 – 17, 2019] | Jan 2019 | | Second draft of revised/new Resolution | Mar 2019 (VTS46) | | Status Report to MSC101 | Jun 2019 | | Workshop with stakeholders to review the draft revision | TBC | | Final draft of revised/new Resolution | October 2019 (VTS47) |   For task 1.1.1.1:  Review and update G1089 to be available for IALA members in good time before the resolution comes into force. VTS49 finalized a draft in Oct. 2020 and Council 72 approved the document in Dec. 2020 and is available on IALA web.  For tasks 1.1.1.2 & 1.1.1.3:  Review of all VTS related documents and amendments proposed as necessary for submission to Council and approval for issue concurrent with IMO’s issue of the new resolution expected end 2021 or early 2022. | | |
| **Expected numbers of sessions for completion** | Session number:  45 46 47 48 49 50 51  X  X  X  X  X  X | | |
| **Committee notes** | **Origins** | WP 2018-2022 | |
|  | **Agreed by session** | **TD#** | **Comments** |
| 1.1.1 - VTS47  1.1.1.1 - 1.1.1.3 – VTS49 | 1 (2,3)  1 (2,3) | Approved by Council 70.  Approved by Council 72. |
|  | **Approved by Council**  Task 1.1.1  Task 1.1.1.1-1.1.1.3 | *(Council session)*  70  72 | Dec 2019  Dec 2020 |
|  | **Revision Notes:**  **Updated VTS50 (Mar 2021)** | Revision of resolution completed at VTS47.  Revision of G1089 completed at VTS49.  Follow-on tasks 1.1.1.1, 1.1.1.2 & 1.1.1.3 added.´ | |

# TASK 1.1.2 Guidance on establishing a compliance and enforcement framework for participating ships

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| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | VTS Operations | | |
| **Task** | Develop guidance for establishing a compliance and enforcement framework with respect to violations of VTS regulatory requirements by participating ships in accordance with relevant international conventions and IMO instruments, IALA standards and national law.  *(Propose a name for the task)* | | |
| **Objectives of the task** | To provide guidance to assist Competent Authorities and VTS providers establish a compliance and enforcement framework with respect to violations of VTS regulatory requirements.  *(Describe the objective/s of the task)* | | |
| **Expected outcome** | A new IALA Guideline specifying how to implement the practices associated with *Recommendation R0119 – Establishing, Planning and Implementing VTS* regarding establishing a compliance and enforcement framework with respect to violations of VTS regulatory requirements as described in IMO Resolution A.857(XX) (Refer to S 5.2.4 and S 6).  The Guideline should be prepared in a form that assist authorities achieve their obligations associated with the compliance and enforcement of VTS regulations in a manner that:   * Encourages compliance with the legal basis for VTS that gives effect to SOLAS regulation V/12 in national law, particularly by building awareness and providing education for mariner and other maritime users; and * Ensures compliance and enforcement action is consistent, transparent and fair.   *(Describe the expected outcome: e.g. Recommendation, Guideline or Other)* | | |
| **Compelling need** | The IMO Resolution for VTS states, inter alia, that the competent authority should:   * *establish a regulatory framework for establishing and operating VTSs in accordance with relevant international conventions and IMO instruments, IALA standards and national law*; * *“establish a compliance and enforcement framework with respect to violations of VTS regulatory requirements.”*   IALA Standard 1040 Vessel Traffic Services references IALA Recommendations that specify the practices associated with implementing and establishing VTS in *Recommendation 0119 - Establishment of VTS IALA* and associated *Guideline 1150 – Establishing, Planning and Implementing VTS.*  There is currently no guidance available to assist Competent Authorities and VTS providers establish a compliance and enforcement framework for participating ships with respect to violations of VTS regulatory requirements in a globally harmonized manner.  *(Describe briefly why this task should be included in the Work Programme)* | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal**  G1 - Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  **Strategy**  S1 - Develop standards suitable for direct citation by States, in areas deemed important by the General Assembly, and the related Recommendations and Guidelines.  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations.  S6 - Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Scope** | **In Scope:**  The proposed guideline is associated with the requirements for participating ships with the regulatory and legal framework established under national law (Refer to Section 6 of IMO Resolution IMO Resolution A.857 X.X). That is:   * The provision of reports or information required by VTS; and * Complying with the requirements and instructions given to the ship by VTS, unless contradictory safety and/or marine environment protection reasons exist.   *(Describe key items that are in scope/out of scope)* | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** (where appropriate). | Preparation of a new IALA Guideline regarding establishing a compliance and enforcement framework with respect to violations of VTS regulatory. Key milestones include:   |  |  | | --- | --- | | First draft of revised/new Resolution | Oct 2022 (VTS52) | | Draft completed and forwarded to Council for approval | Mar 2023 (VTS53) | | Draft approved by Council | June 2023 | | | |
| **Expected numbers of sessions for completion** | Session number:  52 53 54 55 56 57 58  X  X | | |
| **Committee notes** | **Origins** |  | |
|  | **Agreed by session** | **TD#** | **Comments** |
| XX |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |

# TASK 1.1.3 Develop a Guideline on the Implications of Maritime Autonomous Surface Ships from a VTS Perspective

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| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | VTS Operations / VTS Technologies | | |
| **Task** | Develop guidance on the Implications of Maritime Autonomous Surface Ships (MASS) from a VTS Perspective. | | |
| **Objectives of the task** | 1. Remain cognizant, and contribute to, the scoping exercise being progressed by PAP Task Group on the implications of MASS on VTS documents (China MSA input paper VTS50-9.2.6). 2. To prepare a discussion paper describing the implications of MASS on the provision of VTS and its regulatory and legal framework. The paper should:    1. Clearly and concisely identify:  * Trends and opportunities presented by MASS * Issues / challenges for the management of ship traffic in a VTS area.   In particular, the possible implications for life at sea, safety and efficiency of navigation, protection of the environment and mitigating the development of unsafe situations   * Options, policies and strategies for VTS to embrace influence MASS. * Implications for the regulatory and legal framework for VTS   1. Provide the basis for strategically planning for MASS and determining new work programme tasks associated with the preparation of new/amended IALA guidance (e.g. a new guideline)  1. Provide guidance to assist authorities ensure the safety and efficiency of vessel movements in the VTS area, recognising:  * The advent of MASS and their interaction with conventional manned vessels within VTS areas. * The interaction process of autonomous vessels with conventional traffic. * The information flow between MASS and shore authorities; and * The related information exchange with conventional traffic.   *(Describe the objective/s of the task)* | | |
| **Expected outcome** | A discussion paper to assist the VTS Committee consider the implications the implications of MASS on the provision of VTS.  Guidance to assist authorities ensure the safety and efficiency of vessel movements in the VTS area with the advent of MASS.  *(Describe the expected outcome: e.g. Recommendation, Guideline or Other)* | | |
| **Compelling need** | The concept of MASS is progressing rapidly with many tests and trials being conducted world-wide.  Safety is a primary concern for regulators and legislators and it will be necessary for legislators to achieve a balance in maintaining high safety standards as well as keeping up with rapid technological developments.  VTS will undoubtedly have a key role to play with MASS and the preparation of a discussion paper will provide a robust platform for the Committee to consider its implications and respond strategically in preparing appropriate IALA guidance.  *(Describe briefly why this task should be included in the Work Programme)* | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal**  **Strategy** | | |
| **Scope** | **In Scope:**  **Impacts – Strategic Operational Legal remit under 857**  **Out of scope:**  *(Describe key items that are in scope/out of scope)* | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** (where appropriate). | Key milestones for completing the task include:   |  |  | | --- | --- | | VTS50 | Update the Task Register  Prepare Guiding Principles  Prepare first draft | |  | | VTS51 | Review of draft document | |  |  | | | |
| **Expected numbers of sessions for completion** | Session number:  45 46 47 48 49 50 51  X  X | | |
| **Committee notes** | **Origins** | * Proposed by Committee at VTS44 | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** | **VTS47** - shift from sessions 49-50 to 50-51  **VTS50** - Task commenced and a review and update of Task register completed | |

# TASK 1.1.4 Assess the implications associated with the advent of MASS on IALA Standards specifically related to the establishment and operation of VTS (scoping exercise)

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| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | VTS Implementation / Operations / Communications / Additional Services / Data and Information management / Technologies / Data Models and Data Encoding | | |
| **Task** | To assess the implications associated with the advent of MASS on IALA Standards specifically related to the establishment and operation of VTS.  A draft framework for undertaking the scoping exercise is attached.  *(Propose a name for the task)* | | |
| **Objectives of the task** | To ensure IALA Standards specifically related to the establishment and operation of VTS evolve with the advent of MASS and continue to provide an effective framework for achieving worldwide harmonisation of VTS through a scoping exercise to:   * Identify guidance requiring updating/amendment. * Identify additional guidance required with the advent of MASS. * Provide a framework for planning the preparation of amended/new guidance that reflects the conclusions described in the *Discussion Paper - Implications of MASS from a VTS perspective*, as amended, particularly with regards to the assumptions, implications and expected timeframes.   *(Describe the objective/s of the task)* | | |
| **Expected outcome/s** | A mechanism to achieve:   * Consensus on the implications associated with the advent of MASS on IALA Guidance related to VTS and * IALA Standards specifically related to the establishment and operation of VTS reflect the advent of MASS and changes to associated IMO instruments and continue to provide an effective framework for achieving worldwide harmonisation of VTS.   *(Describe the expected outcome: e.g. Recommendation, Guideline or Other)* | | |
| **Compelling need** | The IALA *Current Drivers and Trends* document (*link to document*) serves as guidance as to how IALA can reach its strategic goals with a long-term horizon and perspective. Nine trends and developments have been identified to be monitored closely and when required, appropriate action should be taken such as an adjustment of the priorities and/or structure of the organization, including:  *“Development of autonomous, automated and unmanned vessels”*  Completion of the scoping exercise provides a sound basis for ensuring IALA guidance specifically related to VTS keeps pace with the advent of MASS  *(Describe briefly why this task should be included in the Work Programme)* | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal**  G1 - Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  **Strategy**  S1 - Develop standards suitable for direct citation by States, in areas deemed important by the General Assembly, and the related Recommendations and Guidelines.  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations.  S6 - Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Scope** | **In Scope:**  Align with the assumptions and implications for VTS described in the *Discussion Paper – Implications of MASS from a VTS Perspective*.  All IALA guidance documents specifically related to the establishment and operation of VTS.  Providing a plan to for reviewing/updating appropriate guidance documents with the advent of MASS and changes to IMO instruments associated with MASS operations for the Committee’s consideration and approval by Council.  **Note:** - *It is intended that all updated/ new guidance would be undertaken through work programme tasks approved by the Committee/Council.*  *(Describe key items that are in scope/out of scope)* | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** (where appropriate). | Identify guidance documentation requiring updating/amendment.  Identify additional guidance documentation required with the advent of MASS  Provide a plan to for reviewing/updating appropriate guidance documents with the advent of MASS and changes to IMO instruments.  Key milestones include:   |  |  | | --- | --- | | Commence Task | Oct 2021 (VTS51) | | First Draft completed for approval by the Committee | Mar 2022 (VTS52) | | Review/update of document at each Committee meeting recognising the advent of MASS and associated changes to IMO instruments. | ?? | | | |
| **Expected numbers of sessions for completion** | Session number:  51 52 53 54 55 56 57  X  X  X  X  X  X  X | | |
| **Committee notes** | **Origins** |  | |
|  | **Agreed by session** | **TD#** | **Comments** |
| 51 |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |

# TASK 1.1.5 Develop guidance on delineating the VTS area

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| **Standard No** |  | | |
| **Topic Area/Scope**  *(See Standard or Work Programme 2023-2028)* |  | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal:**  **Strategy:** | | |
| **Task**  *(Proposed task name for new tasks)* |  | | |
| **Objectives of the task** |  | | |
| **Expected outcome**  *(e.g. Recommendation, Guideline, Model Course)* |  | | |
| **Compelling need**  *(Describe briefly why this task should be included in the Work Programme)* |  | | |
| **Scope**  *(Describe key items to be taken into account as well as what is not included)* | **In Scope:**  **Out of scope:** | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Key milestones for completing the task include: | | |
| **Expected numbers of sessions for completion** | Session number:  54 55 56 57 58 59 60 | | |
| **Committee notes** | **Origins /Input paper**  **Who proposed the task?**  **Forwarded from previous work period:** | *(name of file)*  *(name of organisation)*  Yes No | |
|  | **Working Group** | **WG#** | **Comments** |
| **Agreed by VTS Cte** | *(VTS Cte Session)* | *(Month & Year)* |
| **Approved by Council** | *(Council Session)* | *(Month & Year)* |
| **Revision Notes:** |  | |

# TASK 1.2.1 Develop Guideline on Maritime Services in the context of e-Navigation relating to VTS

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| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | VTS Operations | | |
| **Task** | Provide VTS input to ARM (lead Committee) for the development of a Guideline on Maritime Services in the context of e-Navigation relating to VTS (merged with task 1.2.7) | | |
| **Objectives of the task** | * Revise sections MS1 – 3 to reflect new IMO Resolution on Guidelines for VTS for inclusion in a Guideline on Maritime Services in the context of e-Navigation relating to VTS   to include:   * + Description of the maritime service   + Purpose   + Operational approach   + User needs   + User case   + Information to be provided   + Associated technical services, and   + Relation to other MSs * Identification of the relationship between all maritime services in accordance with the definition by IMO under e-navigation * Define the criteria and conditions for VTS providers in order to establish on the harmonized implementation and operation of MS’s. (para 4.1.7 – 4.1.8 ?) * Contribute from a VTS perspective to the further development of e-navigation, including the delivery of product specifications for MS in the context of e-Navigation;   *(Describe the objective/s of the task)* | | |
| **Expected outcome** | * To provide input to ARM for the update of sections MS 1-3 in the draft guideline on Maritime Sevices in line with the new IMO resolution * Contribute to the further development of e-navigation, establishing the role and position of VTS in this concept; * Review of relevant IALA Guidelines, Recommendations and Standards on VTS, where appropriate; * (To provide clarity to VTS providers of what is expected by the maritime community in the context of e-Navigation to support VTS; (reference to 1.2, purpose))   *(Describe the expected outcome: e.g. Recommendation, Guideline or Other)* | | |
| **Compelling need** | Maritime Services need to be implemented in VTS to keep up with the ongoing digitalisation of information and services to promote improved safety, security and sustainability of shipping. The draft sections on MS1 – 3 will need to be amended to reflect the changes in the IMO Resolution on Guidelines for vessel traffic services when adopted by the IMO Assembly (expected early 2022) and the redraft of IALA guideline G1089 on the provision of VTS, which has been prepared to align with the new resolution when issued.  *(Describe briefly why this task should be included in the Work Programme)* | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal**  G1 – Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  **Strategy**  S6 - Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Scope** | **In Scope:**  Operational descriptions of the MS for the VTS.  **Out of scope:**  *(Describe key items that are in scope/out of scope)* | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones (where appropriate).** | N/A. | | |
| **Expected numbers of sessions for completion** | Session number:  45 46 47 48 49 50 51  X  X  X  X  X  X | | |
| **Committee notes** | **Origins** | * Carried over from 2014-18 Work Programme * Commenced at VTS40 | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** | Task name change at VTS46  Task 1.2.7 merged with T1.2.4  Await outcomes on MS from other parties | |

# TASK 1.2.2 Revise R0125 and split into a Rec + GL. Relevant parts of R1014 (Portrayal of VTS Information and Data) to be incorporated into R0125

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard No** |  | | |
| **Topic Area/Scope**  *(See Standard or Work Programme 2023-2028)* | Revise R0125 and split into a Rec + GL. Relevant parts of R1014 (Portrayal of VTS Information and Data) to be incorporated into R0125.  [Draft new guidance on Portrayal and Presentation of VTS Symbology, Information and Data. To incorporate/amalgamate relevant parts of the revised R125 and consider merging with GL on Portrayal of VTS Information and Data from WP 2018-23 task 2.1.1. | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal:**  **Strategy:** | | |
| **Task**  *(Proposed task name for new tasks)* |  | | |
| **Objectives of the task** |  | | |
| **Expected outcome**  *(e.g. Recommendation, Guideline, Model Course)* |  | | |
| **Compelling need**  *(Describe briefly why this task should be included in the Work Programme)* |  | | |
| **Scope**  *(Describe key items to be taken into account as well as what is not included)* | **In Scope:**  **Out of scope:** | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Key milestones for completing the task include: | | |
| **Expected numbers of sessions for completion** | Session number:  54 55 56 57 58 59 60 | | |
| **Committee notes** | **Origins /Input paper**  **Who proposed the task?**  **Forwarded from previous work period:** | *(name of file)*  *(name of organisation)*  Yes No | |
|  | **Working Group** | **WG#** | **Comments** |
| **Agreed by VTS Cte** | *(VTS Cte Session)* | *(Month & Year)* |
| **Approved by Council** | *(Council Session)* | *(Month & Year)* |
| **Revision Notes:** |  | |

# TASK 1.3.1 Develop guidance on VTS Digital Communications (operational aspects)

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | VTS Operations / Communications | | |
| **Task** | Develop guidance on VTS Digital Communications (operational aspects)´.  *(Propose a name for the task)* | | |
| **Objectives of the task** | To provide guidance for digital interaction between VTS, ships (whether conventional or autonomous) and remote control centres, including:   * How ships can meet their reporting requirements by digital means * How VTS can achieve its purpose by providing information or issuing advice, warnings and instructions by digital means.   *(Describe the objective/s of the task)* | | |
| **Expected outcome** | New Guidance specifying how to implement the practices associated with Recommendations *R0127 - VTS Operations* and *R1012 ‐ VTS Communications* for the interaction between VTS and ships by digital means and in a manner that enables both the participating ship and the VTS to meet their obligations associated with the IMO resolution for VTS and associated IALA Standards.  In particular, the purpose of the guidance is to harmonize digital communications between VTS, ships and Remote Control Centres through standard message structure, format and elements. It aims to provide the framework for:   * How ships can meet their reporting requirements by digital means. * How VTS interacts with and manages ship traffic to ensure the safety and efficiency of ship movements by providing information or issuing advice, warnings and instructions as deemed necessary by digital means. * Ensuring communications convey the same meaning and intent, irrespective of whether provided by VHF voice or digitally.   *(Describe the expected outcome: e.g. Recommendation, Guideline or Other)* | | |
| **Compelling need** | The IMO Resolution for VTS states, inter alia, that:   * *“1.4 In complying with these Guidelines, Contracting Governments should take account of applicable IMO instruments and refer to the relevant international guidance prepared and published by appropriate international organizations.”* * *“3.2 To achieve its purpose, a VTS should provide information or issue advice, warnings and instructions as deemed necessary.”* * *“7.5 Effective harmonized data exchange and information-sharing is fundamental to overall operational efficiency and safety. VTS providers are encouraged to make use of automated reporting where possible.”*   IALA Guideline 1141 - Operational Procedures for Delivering VTS states that:  *“Where the VTS provides information in digital format, processes and procedures on digital information exchange should be established. This information may include, for example, the use of AIS messages to provide information on weather, virtual AtoN's or the exchange of route information between vessels and VTS.*  *The procedures should include a description of the digital information delivered and the communication means used for the information exchange.”*  There is currently no guidance available for establishing a global framework for standardising:   * How ships can meet their reporting requirements by digital means * How VTS can achieve its purpose in providing information or issuing advice, warnings and instructions as deemed necessary, by digital means.   Development of this guidance will also assist:   * Manufacturers in developing ship and shore applications for digitally exchanging data * VTS authorities prepare standardized operating procedures for digital communications   *(Describe briefly why this task should be included in the Work Programme)* | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal**  G1 - Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  **Strategy**  S1 - Develop standards suitable for direct citation by States, in areas deemed important by the General Assembly, and the related Recommendations and Guidelines.  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations.  S6 - Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Scope** | **In Scope:**  The proposed guideline is associated with the obligations for participating ships and VTS under IMO Resolution IMO Resolution A.857 X.X and national law for:   * Ships providing reports or information from ships required by VTS; and * VTS achieving its purpose in providing information or issuing advice, warnings and instructions as deemed necessary.   The guidance should be consistent with the following guidance to ensure communications convey the same meaning and intent, irrespective of whether provided by VHF voice or digitally:   * *G1089 – Provision of a VTS* * *G1141 - Operational Procedures for Delivering VTS* * *G1132 - VTS Voice Communications and Phraseology*   *(Describe key items that are in scope/out of scope)* | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** (where appropriate). | Preparation of a new IALA Guideline for VTS Digital Communication and Interaction. Key milestones include:   |  |  | | --- | --- | | First draft | Oct 2021 (VTS51) | | Draft completed and forwarded to Council for approval | Mar 2023 (VTS53) | | Draft approved by Council | June 2023 | | | |
| **Expected numbers of sessions for completion** | Session number:  51 52 53 54 55 56 57  X  X  X | | |
| **Committee notes** | **Origins** |  | |
|  | **Agreed by session** | **TD#** | **Comments** |
| XX |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |

# TASK 1.3.2 Revision of IMO Resolution A.918(22) IMO Standard Marine Communication Phrases

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard No** |  | | |
| **Topic Area/Scope**  *(See Standard or Work Programme 2023-2028)* |  | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal:**  **Strategy:** | | |
| **Task**  *(Proposed task name for new tasks)* |  | | |
| **Objectives of the task** |  | | |
| **Expected outcome**  *(e.g. Recommendation, Guideline, Model Course)* |  | | |
| **Compelling need**  *(Describe briefly why this task should be included in the Work Programme)* |  | | |
| **Scope**  *(Describe key items to be taken into account as well as what is not included)* | **In Scope:**  **Out of scope:** | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Key milestones for completing the task include: | | |
| **Expected numbers of sessions for completion** | Session number:  54 55 56 57 58 59 60 | | |
| **Committee notes** | **Origins /Input paper**  **Who proposed the task?**  **Forwarded from previous work period:** | *(name of file)*  *(name of organisation)*  Yes No | |
|  | **Working Group** | **WG#** | **Comments** |
| **Agreed by VTS Cte** | *(VTS Cte Session)* | *(Month & Year)* |
| **Approved by Council** | *(Council Session)* | *(Month & Year)* |
| **Revision Notes:** |  | |

# TASK 1.3.3 Revision of IMO Resolution A.954(23) Proper use of VHF channels at sea

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Standard No** |  |  | | |
| **Topic Area/Scope**  *(See Standard or Work Programme 2023-2028)* |  |  | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* |  | **Goal:**  **Strategy:** | | |
| **Task**  *(Proposed task name for new tasks)* |  |  | | |
| **Objectives of the task** |  |  | | |
| **Expected outcome**  *(e.g. Recommendation, Guideline, Model Course)* |  |  | | |
| **Compelling need**  *(Describe briefly why this task should be included in the Work Programme)* |  |  | | |
| **Scope**  *(Describe key items to be taken into account as well as what is not included)* |  | **In Scope:**  **Out of scope:** | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** |  | Key milestones for completing the task include: | | |
| **Expected numbers of sessions for completion** |  | Session number:  54 55 56 57 58 59 60 | | |
| **Committee notes** |  | **Origins /Input paper**  **Who proposed the task?**  **Forwarded from previous work period:** | *(name of file)*  *(name of organisation)*  Yes No | |
|  |  | **Working Group** | **WG#** | **Comments** |
|  | **Agreed by VTS Cte** | *(VTS Cte Session)* | *(Month & Year)* |
|  | **Approved by Council** | *(Council Session)* | *(Month & Year)* |
|  | **Revision Notes:** |  | |

# TASK 1.7.1 Guideline for VTS response to the public health emergencies

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | VTS Operations | | |
| **Task** | Guideline for VTS response to the public health emergencies | | |
| **Objectives of the task** | Provide references and advice for VTS to response to the public health emergencies.   * Internally, make VTS operating normally. * Externally, assist port health and epidemic prevention departments to cope with public health emergencies.   Joint task with WG 2 and WG 3.  *(Describe the objective/s of the task)* | | |
| **Expected outcome** | An IALA Guideline.  In case of local or global public health emergencies, VTS can respond quickly according to the guidelines, so as to help the port health and epidemic prevention departments to better deal with the epidemic，and at the same time handle internal epidemic prevention work properly.  *(Describe the expected outcome: e.g. Recommendation, Guideline or Other)* | | |
| **Compelling need** | * The outbreak of COVID-19 pandemic has brought great challenge to the normal operation of VTS and the whole shipping industry. * VTS, as a link between ship and shore, can take full use of the advantages of fast access to ship and shore information and real-time ship dynamics, and play an active role in assisting ports to cope with public health emergencies. * Currently, IALA does not have a guideline for VTS to respond to public health emergencies.   *(Describe briefly why this task should be included in the Work Programme)* | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal**  G1 – Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  **Strategy**  S1 - Develop standards suitable for direct citation by States, in areas deemed important by the General Assembly, and the related Recommendations and Guidelines.  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations.  S6 - Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Scope** | **In Scope:**   * Establish of structure and content of the Guideline * To draft and align the guideline with the new IALA document structure * Associated with the implementation and operation of a VTS   **Out of scope:**  *(Describe key items that are in scope/out of scope)* | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** (where appropriate). | To prepare a new Guideline that provides a ‘road map” to assist VTS reference and incorporate IALA documentation when public health emergency outbreaks.  Provide recommendations for VTS to assist port health and epidemic prevention departments in responding to Public Health emergencies;  Key milestones include:   * March 2022(VTS52) – Scope Task and prepare skeleton. * October 2022(VTS53)– Draft document prepared * March 2023(VTS54) – Draft guideline reviewed by VTS Committee and forwarded to Council for approval. | | |
| **Expected numbers of sessions for completion** | Session number:  52 53 54 55 56 57 58  X  X  X | | |
| **Committee notes** | **Origins** | Requested by VTS Committee at VTS 49 | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |

# TASK 1.8.1 Develop a guideline on quality management system for VTS

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | VTS Operations （WG1） | | |
| **Task** | develop a Guideline on quality management system for VTS | | |
| **Objectives of the task** | * Guide and assist VTS organizations to formulate standard and unified quality management system * Sort out the relationship between VTS quality management system and relevant IALA documents * Facilitate audit and evaluation by Member States * Promote VTS sustainable development   Joint participation of Technology (WG2) and VTS training (WG3) is required | | |
| **Expected outcome** | An IALA guideline providing guidance on quality management system for VTS | | |
| **Compelling need** | * VTS lacks special quality management system guidelines. IALA recommendation R0132 and guideline G1052 guide member states to establish the quality management system of their national navigation aids, but the two documents only list the framework. As a part of Aids to Navigation, VTS organization is relatively independent from other Aids to Navigation management organizations in procedure management. There are more than 50 IALA recommendations and guidelines related to VTS. It is necessary to establish independent quality management system guideline for VTS. * Quality management system is an effective tool for efficient operation and continuous improvement of VTS, which helps to provide coordinated and unified VTS services worldwide. * When IMO carries out VTS audit on its member states or the third-party organization evaluates the VTS organization, it requires the VTS organization to establish a quality management system that meets the requirements | | |
| **Strategic Alignment** | Goal  G1 – Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  Strategy  S1 - Develop standards suitable for direct citation by States, in areas deemed important by the General Assembly, and the related Recommendations and Guidelines.  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations. | | |
| **Scope** | **In Scope:**   * Determine the structure and content of the guideline * Draft guideline and align the guideline with the new IALA document structure | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | * To prepare a new guideline, provide a ‘road map” to assist review of structure and content of the guideline.   Key milestones include:   * March 2022(VTS 52) --Scope Task and prepare skeleton. * October 2022(VTS 53) -- Draft document prepared * October 2023(VTS 54) -- Draft document improved * March 2024(VTS55) -- Draft guidance reviewed by VTS Committee and forwarded to Council for approval. | | |
| **Expected numbers of sessions for completion** | Session number:  52 53 54 55 56 57 58  X  X  X  X | | |
| **Committee notes** | **Origins** | Requested by VTS Committee at ??? | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |

# TASK 1.9.1 Consider relevant VTS documents to be revised/updated next WP

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard No** |  | | |
| **Topic Area/Scope**  *(See Standard or Work Programme 2023-2028)* |  | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal:**  **Strategy:** | | |
| **Task**  *(Proposed task name for new tasks)* |  | | |
| **Objectives of the task** |  | | |
| **Expected outcome**  *(e.g. Recommendation, Guideline, Model Course)* |  | | |
| **Compelling need**  *(Describe briefly why this task should be included in the Work Programme)* |  | | |
| **Scope**  *(Describe key items to be taken into account as well as what is not included)* | **In Scope:**  **Out of scope:** | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Key milestones for completing the task include: | | |
| **Expected numbers of sessions for completion** | Session number:  54 55 56 57 58 59 60 | | |
| **Committee notes** | **Origins /Input paper**  **Who proposed the task?**  **Forwarded from previous work period:** | *(name of file)*  *(name of organisation)*  Yes No | |
|  | **Working Group** | **WG#** | **Comments** |
| **Agreed by VTS Cte** | *(VTS Cte Session)* | *(Month & Year)* |
| **Approved by Council** | *(Council Session)* | *(Month & Year)* |
| **Revision Notes:** |  | |

# TASK 1.9.2 Update and publish the VTS Manual and develop related procedures for its future management

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | Not Applicable | | |
| **Task** | Update and publish the VTS Manual and develop related procedures for its future management | | |
| **Objectives of the task** | *(Describe the objective/s of the task)* | | |
| **Expected outcome** | *(Describe the expected outcome: e.g. Recommendation, Guideline or Other)* | | |
| **Compelling need** | *(Describe briefly why this task should be included in the Work Programme)* | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal**  **Strategy** | | |
| **Scope** | **In Scope:**  **Out of scope:**  *(Describe key items that are in scope/out of scope)* | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** (where appropriate). |  | | |
| **Expected numbers of sessions for completion** | Session number:  45 46 47 48 49 50 51  X  X  X | | |
| **Committee notes** | **Origins** |  | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  | Completed at VTS49  Input to PAP |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |

# TASK 1.9.3 Develop procedures for the ongoing management and conduct of the Global VTS Questionnaire

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | Not Applicable | | |
| **Task** | Develop Procedures for the Ongoing Management and Conduct of the Global VTS Questionnaire | | |
| **Objectives of the task** | 1. To update the results presented in the report from the first survey released at the VTS 2016 Symposium as a means to assist IALA and its members develop VTS related guidance in the 2018-22 Work Programme and contribute to the safety and efficiency of navigation through the operation of VTS. 2. To facilitate achieving greater global understanding and consistency in the establishment and operation of VTS in accordance with internationally approved guidelines. 3. To identify emerging trends in the delivery of VTS globally.     *(Describe the objective/s of the task)* | | |
| **Expected outcome** | The release of an updated report on VTS at the 2020 VTS Symposium.  *(Describe the expected outcome: e.g. Recommendation, Guideline or Other)* | | |
| **Compelling need** | The number of VTSs being implemented by contracting governments / competent authorities is growing substantially each year and accurate statistics on the regulatory frameworks, policies and procedure being adopted will facilitate IALA to maintain a suite of up-to-date and relevant guidance documents (Recommendations and procedures) that will:   * Assist members give effect to their obligations under SOLAS Chapter V Regulation 12, and IMO Resolution A.857(20) Vessel Traffic Services; and * Ensure the implementation and operation of VTS in a globally harmonised manner and in a manner that will minimise any possible confusion to masters transiting between VTSs.   The first Questionnaire successfully achieved its aim of gathering information:   * To gain a common understanding of the delivery of VTS worldwide. * To harmonise service quality, training and operating procedures worldwide. * To contribute to the improvement of VTS related IALA documentation.   *(Describe briefly why this task should be included in the Work Programme)* | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal**  G2 - All coastal states have contributed to a sustainable and efficient global network of Marine Aids to Navigation through capacity building and the sharing of expertise.  **Strategy**  S3 - Coordinate the further development of Marine Aids to Navigation, taking into account evolving operational and functional requirements, new techniques, new technologies and sustainability. | | |
| **Scope** | **In Scope:**   * Review / update the stand-alone Questionnaire * Maintain the database structure from the 2016 survey to enable changes to be evaluated an reported   **Out of scope:**  *(Describe key items that are in scope/out of scope)* | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** (where appropriate). | Key milestones for completing the task include:   * WG1 to review/update the stand-alone questionnaire for VTS * WG2 and 3 to comment and to make additional input * VTS Committee to finalize questionnaire and to forward to Council for approval * Web based questionnaire and associated database updated * VTS Committee (through IALA Secretariat) to send out VTS questionnaire to Competent Authorities   Result of the questionnaire to be presented at VTS Symposium (August 2020) | | |
| **Expected numbers of sessions for completion** | Session number:  45 46 47 48 49 50 51  X  X  X  X  X  X  X | | |
| **Committee notes** | **Origins of the Task** | Proposed by Committee at VTS43.  Consideration should be given to updating the Questionnaire results every two year | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** | At VTS47 prolonged to 47 &48  Pending data base management | |

# TASK 1.9.4 Prepare a “living document” on “Future VTS”, including emerging Technologies and Human Element

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | Not Applicable | | |
| **Task** | Prepare a “living document” on “Future VTS”, including emerging technologies and human element”. | | |
| **Objectives of the task** | 1. To prepare a document to assist planning for VTS into the future and in a manner that facilitates global harmonisation of the delivery of enhanced services and is consistent with international law. 2. To identify and document key emerging developments and issues that may challenge the existing international framework for VTS. 3. To identify and document possible mechanisms to address key emerging developments and issues.   *(Describe the objective/s of the task)* | | |
| **Expected outcome** | A “living document” on “Future VTS” that is reviewed/updated on a regular basis. *(Describe the expected outcome: e.g. Recommendation, Guideline or Other)* | | |
| **Compelling need** | To provide a reference document to:   * Assist with the planning of future work programme tasks * Ensure the Committee remains cognisant of emerging trends and technologies that will impact on VTS; and * Facilitate communicating the future direction of VTS to stakeholders   *(Describe briefly why this task should be included in the Work Programme)* | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal**  G1 – Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  **Strategy**  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations. | | |
| **Scope** | **In Scope:**   1. Proposal on the technology of Integration between ultra-range CCTV and VTS? 2. Suggestions on the establishment of "public communication network +VDES" fusion communication mode?   **Out of scope:**  *(Describe key items that are in scope/out of scope)* | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** (where appropriate). | Key milestones for completing the task include:   |  |  | | --- | --- | | VTS50 | Update the Task Register  Prepare Guiding Principles  Prepare first draft | |  | | VTS51 | Review of draft document | |  |  | | | |
| **Expected numbers of sessions for completion** | *Session number:*  *45 46 47 48 49 50 51*    X  X | | |
| **Committee notes** | **Origins** | * Proposed by Committee at VTS43 | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** | Start session postponed due to VTS48 cancellation  Start session commenced at VTS50 | |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Agreed by VTS Cte** | *(VTS Cte Session)* | *(Month & Year)* |

# TASK 2.5.1 Develop technical service specifications for digital data exchange between VTS and other entities - primarily ships

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard No** | 1040 - Vessel Traffic Services  1070 – Information services | | |
| **Topic Area/Scope**  *(See Standard or Work Programme 2023-2028)* | S1040-3 VTS data and information management | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal:** G1 – Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  **Strategy:** S6 - Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Task**  *(Proposed task name for new tasks)* | Develop technical service specifications for digital data exchange between VTS and other entities - primarily ships | | |
| **Objectives of the task** | To develop technical service specifications for VTS using the G1128 guideline ‘ Specification of e-navigation technical services’ | | |
| **Expected outcome**  *(e.g. Recommendation, Guideline, Model Course)* | A number of technical service specifications | | |
| **Compelling need**  *(Describe briefly why this task should be included in the Work Programme)* | The technical service specifications will enable VTS providers and related stakeholders such as ship equipment manufacturers to implement technical services and thus enable them to exchange digital information securely and reliably. This will bring VTS into the digital era with all the associated benefits including support from the future of MASS. | | |
| **Scope**  *(Describe key items to be taken into account as well as what is not included)* | In Scope: Technical service specifications for VTS  Out of scope:  Technical service specifications for services that may be provided by VTS – but inherently belong to a different domain. This could be navigational warnings, water levels, AtoN information etc.  Also, data-models and portrayal will not be considered (but feedback to work done on these items may be relevant to provide). | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | The task will work on developing technical service specifications for VTS using a number of existing guidelines and standards.  The main guideline will be G1128 'Specification of e-navigation technical services'. This provides the overall guideline for developing the specifications which is aligned with the template for technical services provided in IMO MSC.467(101) 'Guidance on the definition and harmonization of the format and structure of Maritime Services in the context of e-navigation'.  Other relevant guidelines/standards include   * G1157 'Web Service Based S-100 Data Exchange' * IEC 63173-2 'Secure exchange and communication of S-100 based products' (SECOM) * IALA G1143 'Unique identifiers for maritime resources' * IALA G1161 'Guideline on platforms to support the provision of maritime services in the context of e-navigation   Furthermore – the technical services will be depending on the VTS S-100 product specification with regard to data-model and portrayal.  The process (milestones) may be:   * Identity technical services * Finalise first (simple) technical service * perform testing * Continue specification of all identified services * Test * Complete specifications | | |
| **Expected numbers of sessions for completion** | Session number:  54 55 56 57 58 59 60  ?  ?  ?X  X  XXX  X  X  X | | |
| **Committee notes** | **Origins /Input paper**  **Who proposed the task?**  **Forwarded from previous work period:** | *(name of file)*    PAP    *(name of organisation)*  Yes No  X | |
|  | **Working Group** | **WG#**   2 | **Comments** |
| **Agreed by VTS Cte** | *(VTS Cte Session)* | *(Month & Year)* |

# TASK 2.6.1 Develop guidance for producing requirement for VTS-MIS

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services (VTS) | | |
| **Topic Area** | VTS Technology （WG2) Working Group | | |
| **Task** | Develop guidance for producing requirement for Vessel Traffic Services-Management Information Systems (VTS-MIS) -*G1111-10 producing requirement for VTS-MIS systems*. | | |
| **Objectives of the task** | Develop relevant guidance documents for the VTS-MIS system, and add VTS-MIS performance and requirements guidelines to the G1111 framework to provide a unified reference for the performance and functional requirements of MIS subsystems between different VTSs.   * Collect and sort out the MIS function requirements of different countries and regions; * Determine a basic framework of MIS functional requirements, which can be divided into basic functions and optional functions; * Consider the requirements of regional VTS data sharing and standardize relevant standards; * According to the document requirements of G1111-X, formulate a new sub-guideline *G1111-10.* | | |
| **Expected outcome** | A new IALA Guideline   * *G1111-10 producing requirement for VTS-MIS systems* | | |
| **Compelling need** | * The VTS-MIS subsystem facilitates the analysis and visual presentation of VTS-related data and information, can assist on duty, simplify the VTS workflow, reduce work pressure, and improve work efficiency. * As an important part of the VTS system, the MIS subsystem is irreplaceable in terms of data collection and processing. At present, IALA has no guidelines on the VTS-MIS system. * Different water areas and different management modes have different requirements for MIS systems. In practice, the MIS systems of many VTS products cannot meet the duty needs of local VTS centers. * Many regional VTSs have requirements for collaborative operation, but lack the data sharing and linkage support of MIS. | | |
| **Strategic Alignment** | **Goal**  G1 - Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  **Strategy**  S1 - Develop standards suitable for direct citation by States, in areas deemed important by the General Assembly, and the related Recommendations and Guidelines.  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations.  S6 - Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Scope** | **In Scope:**   * Determine the structure and content of the guideline. * Draft guidelines and make them consistent with the new IALA document structure * Related to the implementation and operation of VTS   **Out of scope:**   * *(Describe key items that are in scope/out of scope)* | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Preparation of a new IALA Guideline to provide a reference for the establishment of a standardized and unified VTS-MIS system and incorporate it into the IALA document  Key milestones for completing the task include:   |  |  | | --- | --- | | Clear tasks and prepare the framework | Mar 2022 (VTS52) | | Prepare draft documents | Oct 2022 (VTS53) | | Refine the draft document | Oct 2023 (VTS54) | | The draft guidelines are reviewed by the VTS committee and forwarded to the council for approval | Mar 2024 (VTS55) | | | |
| **Expected numbers of sessions for completion** | Session number:  52 53 54 55 56 57 58  X  X  X  X | | |
| **Committee notes** | **Origins** |  | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |

# TASK 2.8.1 Develop a Product Specification under the S-100 framework for VTS

| **VTS Committee Work Programme 2018-2022** | | | |
| --- | --- | --- | --- |
| **Standard** | Information Services (1070) | | |
| **Topic Area** | Data models and data encoding | | |
| **Task** | Develop a Product Specification under the S-100 framework for VTS | | |
| **Objectives of the task** | 1. Evaluate descriptions of PS in development (gap analysis) 2. Determine relevant scenarios, in correspondence with WG1, for additional VTS data-elements and features 3. Develop a VTS product specification | | |
| **Expected outcome** | A VTS product specification | | |
| **Compelling need** | The development in VTS is moving towards an increased involvement in digital traffic management and electronic exchange of information. The relevant data must be standardized and harmonized with the VTS-data model.. | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal**  G1 – Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards*.*  **Strategy**  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations.  S6 - Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Scope** | **In Scope:**  Only features and data-elements that are relevant for VTS will be taken into account.  Developing a VTS PS task will require extensive resources, and considering the limited time, the task should be split into 3 phases. Phase 1 information exchange between ship to shore and shore to ship. Phase 2 will focus on inter VTS information exchange, and phase 3 will focus information exchange with VTS and allied services.  The scope of this task is only for phase 1.  **Out of scope:**  Features of product specifications not related to VTS.  *(Describe key items that are in scope/out of scope)* | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** (where appropriate). | Work is ongoing and will continue inter-sessionally and during VTS51 | | |
| **Expected numbers of sessions for completion** | Session number:  45 46 47 48 49 50 51  X  X  X  X  X  X | | |
| **Committee notes** | **Origins** | * Carried over from 2014-18 Work Programme * Task commenced at VTS45 | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** | Task name change at VTS46  Task name change at VTS47  At VTS47 prolonged to 48 &49  Liaison note to ARM and ENAV on S212 referencing to other S100 product specification | |

# TASK 2.8.2 Review and Update Recommendation V-145 on the Inter-VTS Exchange Format (IVEF) Service (Output to be a revised Recommendation and associated Guideline)

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard** | Information Services | | |
| **Topic Area** | Data models and data encoding | | |
| **Task** | Review and Update Recommendation V-145 on The Inter-VTS Exchange Format (IVEF) Service (Output To be a Revised Recommendation And Associated Guideline with a view to incorporating it as a product specification under S-200) | | |
| **Objectives of the task** | Make IVEF available as a product specification.  *(Describe the objective/s of the task)* | | |
| **Expected outcome** | The outcomes will comprise a Recommendation, Guideline and a Data Model.  *(Describe the expected outcome: e.g. Recommendation, Guideline or Other)* | | |
| **Compelling need** | *(Describe briefly why this task should be included in the Work Programme)* | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal**    **Strategy** | | |
| **Scope** | **In Scope:**  **Out of scope:**  *(Describe key items that are in scope/out of scope)* | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** (where appropriate). | Create a data model and corresponding product specification of the current services of IVEF. | | |
| **Expected numbers of sessions for completion** | Session number:  45 46 47 48 49 50 51  X  X | | |
| **Committee notes** | **Origins** | Suggested by WG2 at VTS44 | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** | Start session postponed to 50 due to VTS48 cancellation  Task commenced during VTS50 | |

# TASK 2.9.1 Consider relevant VTS documents to be revised/updated next WP

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard No** |  | | |
| **Topic Area/Scope**  *(See Standard or Work Programme 2023-2028)* |  | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal:**  **Strategy:** | | |
| **Task**  *(Proposed task name for new tasks)* |  | | |
| **Objectives of the task** |  | | |
| **Expected outcome**  *(e.g. Recommendation, Guideline, Model Course)* |  | | |
| **Compelling need**  *(Describe briefly why this task should be included in the Work Programme)* |  | | |
| **Scope**  *(Describe key items to be taken into account as well as what is not included)* | **In Scope:**  **Out of scope:** | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Key milestones for completing the task include: | | |
| **Expected numbers of sessions for completion** | Session number:  54 55 56 57 58 59 60 | | |
| **Committee notes** | **Origins /Input paper**  **Who proposed the task?**  **Forwarded from previous work period:** | *(name of file)*  *(name of organisation)*  Yes No | |
|  | **Working Group** | **WG#** | **Comments** |
| **Agreed by VTS Cte** | *(VTS Cte Session)* | *(Month & Year)* |
| **Approved by Council** | *(Council Session)* | *(Month & Year)* |
| **Revision Notes:** |  | |

# TASK 3.2.1 Review, update and reformat Guideline 1045 on Staffing Level at VTS centres

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard No** |  | | |
| **Topic Area/Scope**  *(See Standard or Work Programme 2023-2028)* |  | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal:**  **Strategy:** | | |
| **Task**  *(Proposed task name for new tasks)* |  | | |
| **Objectives of the task** |  | | |
| **Expected outcome**  *(e.g. Recommendation, Guideline, Model Course)* |  | | |
| **Compelling need**  *(Describe briefly why this task should be included in the Work Programme)* |  | | |
| **Scope**  *(Describe key items to be taken into account as well as what is not included)* | **In Scope:**  **Out of scope:** | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Key milestones for completing the task include: | | |
| **Expected numbers of sessions for completion** | Session number:  54 55 56 57 58 59 60 | | |
| **Committee notes** | **Origins /Input paper**  **Who proposed the task?**  **Forwarded from previous work period:** | *(name of file)*  *(name of organisation)*  Yes No | |
|  | **Working Group** | **WG#** | **Comments** |
| **Agreed by VTS Cte** | *(VTS Cte Session)* | *(Month & Year)* |
| **Approved by Council** | *(Council Session)* | *(Month & Year)* |
| **Revision Notes:** |  | |

# TASK 3.4.1 Aptitudes required by VTS operators [aptitude/psychometric testing?]

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | VTS Training （WG3） | | |
| **Task** | Aptitudes required by VTS operators [aptitude/psychometric testing?] | | |
| **Objectives of the task** | * Define aptitude and aptitude/psychometric testing * Determine the aptitudes that are consistently demonstrated by effective VTS operators * Consider methods to assess those aptitudes * Develop guidance on what aptitudes should be assessed and how the assessments could be completed | | |
| **Expected outcome** | A new guideline specifying the aptitudes required by VTS operators and how to assess for those aptitudes taking into consideration national legislation and requirements. | | |
| **Compelling need** | IALA G1156 section 5.1.2 indicates that VTS authority should consider testing for personal aptitude, attributes and overall suitability.  Many VTS operations have identifiable skills or aptitudes that VTS operators require in order to be successful in the work environment.  Aptitude testing can be a valuable tool in the recruitment and hiring process. They are a method of objectively screening for high caliber candidates. Candidates with the appropriate aptitudes are more likely to succeed in all aspects of training and on the job. | | |
| **Strategic Alignment** | Goal  G1 – Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  Strategy  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations.  S3 - Coordinate the further development of Marine Aids to Navigation, taking into account evolving operational and functional requirements, new techniques, new technologies and sustainability.  S6 - Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Scope** | **In Scope:**  The proposed guideline would be of assistance to VTS providers and Training Organizations in the recruitment process. It should include aptitudes that necessary to complete the curriculum provided in VTS model courses.  The guidance should take into consideration the developing guidance on the Implications of MASS from a VTS perspective and the living document on “Future VTS”. | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Preparation of a new IALA Guideline on the Aptitudes required by VTS Operators.  Key milestones include:   * March 2022(VTS 52) --Scope Task and determine the aptitudes that are demonstrated by effective VTS operators * October 2022(VTS 53) – Consider possible assessment methods and complete first draft of the document * March 2023(VTS 54) – Improve Draft document * October 2023 (VTS 55) – Improve draft document * March 2024(VTS56) -- Complete Draft guideline, submit for review by VTS Committee and forwarding to Council for approval. | | |
| **Expected numbers of sessions for completion** | Session number:  52 53 54 55 56 57 58  X  X  X  X  -  -  X | | |
| **Committee notes** | **Origins** | Requested by VTS Committee at [VTS51] | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |

# TASK 3.8.1 Review/update Model Course 103/3 adding “Typical Accident Cases

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard No** |  | | |
| **Topic Area/Scope**  *(See Standard or Work Programme 2023-2028)* |  | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal:**  **Strategy:** | | |
| **Task**  *(Proposed task name for new tasks)* |  | | |
| **Objectives of the task** |  | | |
| **Expected outcome**  *(e.g. Recommendation, Guideline, Model Course)* |  | | |
| **Compelling need**  *(Describe briefly why this task should be included in the Work Programme)* |  | | |
| **Scope**  *(Describe key items to be taken into account as well as what is not included)* | **In Scope:**  **Out of scope:** | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Key milestones for completing the task include: | | |
| **Expected numbers of sessions for completion** | Session number:  54 55 56 57 58 59 60 | | |
| **Committee notes** | **Origins /Input paper**  **Who proposed the task?**  **Forwarded from previous work period:** | *(name of file)*  *(name of organisation)*  Yes No | |
|  | **Working Group** | **WG#** | **Comments** |
| **Agreed by VTS Cte** | *(VTS Cte Session)* | *(Month & Year)* |
| **Approved by Council** | *(Council Session)* | *(Month & Year)* |
| **Revision Notes:** |  | |

# TASK 3.8.2 Revision of G1103 on Train the Trainer

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | VTS Training (WG3） | | |
| **Task** | Revision of G1103 on Train the Trainer | | |
| **Objectives of the task** | Initial review – determine if there remains a need for IALA to provide Guidance on “Train the trainer” for VTS.  Based on this evaluation, there will be one of two options:   * Recommend that the existing Guideline be withdrawn, or * Review the current document, including the purpose and scope to clarify the requirement for the document. This could include identifying if the document could:   + Be broader - include focus for anyone developing / updating training courses not just the focused training organizations   + Provide guidance on best practices   + Confirm the type of document to be provided – Guideline or model course * Confirm the link of this course to the IALA Model Course V-103/4 – VTS On-the-Job Training Instructor. | | |
| **Expected outcome** | Withdrawn IALA Guideline; Revised IALA Guideline or New IALA Model Course | | |
| **Compelling need** | The existing Guideline was last updated in 2013 and needs to be reviewed to ensure that it remains fit for purpose.  In the review of the IALA VTS Training, IALA G1017 and G1014 questions were raised as to the requirement for IALA guidance on ‘Train the Trainer’. | | |
| **Strategic Alignment** | Goal  G1 – Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  Strategy  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations.  S6 - Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Scope** | **In Scope:**   * Determine whether there remains to be current need for IALA to maintain Guidance on “Train the trainer” by:   + Reviewing the current purpose and scope of document   + How it relates to the model courses   + Identifying whether Training organizations and VTS providers still have a need for such guidance. * If it is determined that there remains a need for the document, verify if this is a Guideline or a Model Course * Once level of document is agreed, develop a document that reflects the current best practice for ‘train the trainer’. | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | * Evaluation complete to whether there remains to be current need for IALA to maintain Guidance on “Train the trainer”. * If the Committee agrees that there is a need for such guidance, then:   + Identify the type of document required   + Review the current purpose and scope   + Identify content that is out of date   + Identify new content to add.   + Ensure the best practices are captured within the guidance   + Confirm the link of this course to the IALA Model Course V-103/4 – VTS On-the-Job Training Instructor.   + Prepare revised document   + Submit revised documentation to Council for approval.   Key milestones include:   * VTS53 – Commence evaluation * VTS54 – Evaluation completed * VTS55 – Commence work on the task (if required) * VTS56 -- Draft documents prepared (if required) * VTS57 -- Finalise revision (if required)   \*Additional time will be needed if test materials are to be developed | | |
| **Expected numbers of sessions for completion** | Session number:  52 53 54 55 56 57 58  X  X  X  X  X- | | |
| **Committee notes** | **Origins** | Requested by VTS Committee at [VTS51] | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |

# TASK 3.8.3 Develop a Guideline for Remote training in VTS

| **VTS Committee Work Programme 2022-2026** | | | |
| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | VTS Training （WG3） | | |
| **Task** | Develop a Guideline for Remote training in VTS | | |
| **Objectives of the task** | * Define the elements within remote training [note work in G1014] * Develop guidance to assist VTS training organizations in the implementation and provision of VTS training using remote training methods * Ensure VTS training remains relevant and effective, using up to date training methods and methodologies. * Establish links to existing IALA documentation | | |
| **Expected outcome** | A new IALA guideline providing guidance to Competent authorities, VTS providers and training organizations in regard to remote training. | | |
| **Compelling need** | There are many facets to remote learning. Many terms are used to describe some or all aspects of it. The COVID-19 pandemic has led to a significant increase in the use of online training, e-learning and virtual presentations. VTS training has been part of that transition.  The IALA World-Wide Academy in *Input paper VTS51-11.4.1* indicated they had received several requests from competent authorities and accredited training organizations with respect to how the delivery of online VTS training could be approved. Input was provided and included in the revision to Guideline G1014.  New guidance to augment the information about remote learning that is included in VTS model courses is needed to assist VTS training organizations and providers in the use of technology in the implementation and ongoing provision of VTS training. | | |
| **Strategic Alignment** | Goal  G1 – Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  [G2 – include the sustainability goal]  Strategy  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations.  S3 - Coordinate the further development of Marine Aids to Navigation, taking into account evolving operational and functional requirements, new techniques, new technologies and sustainability.  S6 - Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Scope** | **In Scope:**  The proposed guideline is associated with, and will provide amplifying information for all VTS model courses including pre-learning activities, training delivery, self-study and assessment.  It will be similar to Guideline G1027 – Simulation in VTS Training as it will provide the details needed by Training organizations and VTS providers to develop and provide VTS training. | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Preparation of a new IALA Guideline for Remote training in VTS.  Key milestones include:   * October 2022 (VTS53) --Scope Task and prepare skeleton. * March 2023 (VTS54) – Prepare Draft guideline * October 2023 (VTS 55) – Improve Draft guideline * March 2024 (VTS56) – Improve Draft guideline * October 2024 (VTS57) – Complete Draft guideline, submit for review by VTS Committee and forwarding to Council for approval.   \* timing is based on the review of V103/1 being completed and approved | | |
| **Expected numbers of sessions for completion** | Session number:  52 53 54 55 56 57 58  X  X  X  x  X  - | | |
| **Committee notes** | **Origins** | Requested by VTS Committee at [VTS 51] | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |

# TASK 3.8.4 Guidance for Dealing with stress or trauma in VTS operations

| **VTS Committee Work Programme 2022-2026** | | | |
| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | VTS Training （WG3） | | |
| **Task** | Guidance for Dealing with stress or trauma in VTS operations | | |
| **Objectives of the task** | * Define critical incidents that are likely to lead to trauma in VTS personnel * If possible seek assistance from a mental health in the workplace organization to determine the appropriate assistance to be provided * Seek input from members regarding existing programs in use * Align guidance with developing documents on Human Factors and Safety Culture | | |
| **Expected outcome** | New IALA guidance in establishing support for VTS Personnel that have handled a significantly stressful or traumatic incident | | |
| **Compelling need** | Mental health and the effects of trauma on a person’s mental health have recently gained recognition and importance, in particular in the workplace.  Many professions can list their own worst case scenarios and VTS is not immune. It is important that there are support programs in place to assist VTS personnel deal with their trauma, preferably one incident at a time. | | |
| **Strategic Alignment** | Goal  G1 – Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  Strategy  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations.  S6 - Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Scope** | **In Scope:**  Mental health and injuries in the work place documentation, in particular as it applies in the maritime domain and other operations centres (i.e emergency operations).  Expert advice in the field of mental health should be sought.  The proposed guideline should be aligned with existing Guideline G1045 – Staffing levels at VTS Centres, and G#### on Human Factors and Ergonomics in VTS. | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Preparation of a new IALA Guideline for Dealing with stress or trauma in VTS operations  Key milestones include:   * March 2023 (VTS54) --Scope Task and prepare skeleton. * October 2023 (VTS55) -- Draft document prepared * March 2024 (VTS56) -- Draft document improved * October 2024 (VTS57) -- Draft document improved * March 2025 (VTS58) -- Draft guidance reviewed by VTS Committee and forwarded to Council for approval.   \*Timing is based on completion and approval of the Human Factors guidance | | |
| **Expected numbers of sessions for completion** | Session number:  52 53 54 55 56 57 58  X  X  x  x  X | | |
| **Committee notes** | **Origins** | Requested by VTS Committee at [VTS51] | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |

# TASK 3.8.5 Revision of G1027 on Simulation in VTS training

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | VTS Training (WG3） | | |
| **Task** | Revision of G1027 on Simulation in VTS training | | |
| **Objectives of the task** | To update G1027 on Simulation in VTS training to ensure that it provides an effective document for training organizations and VTS providers to use when planning, designing, developing and conducting simulation exercises for VTS. | | |
| **Expected outcome** | Revised IALA Guideline | | |
| **Compelling need** | The existing Guideline was last reviewed in 2005. It requires updating to reflect changes in VTS and VTS simulation training technology to ensure that it continues:   * To provide guidance for training organizations and VTS authorities to develop and deliver VTS simulation training in a globally harmonized manner. * Supports the suite of model courses | | |
| **Strategic Alignment** | Goal  G1 – Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  Strategy  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations.  S6 - Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Scope** | **In Scope:**   * Review of structure and content of the Guideline * Review guidance to ensure it provides training organizations and VTS providers with current best practices when developing/delivering simulation training for VTS exercises. * Confirm that the guidance provided is in line with revised VTS documentation, including revised IMO Resolution on VTS and revised IALA VTS Model Courses. | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | * Review of G1027 to identify:   + content may be out of date or inconsistent with other guidance or model courses,   + content or guidance that may be appropriate to be included but is not currently included. * Review document in line with revised G1014, V-103 model courses, other relevant IALA documents. * Prepare revised Guideline * Submit revised documentation to Council for approval.   Key milestones include:   * March 2022(VTS 52) – Commence work on the task / gather input * October 2022(VTS 53) – Continue review draft documents prepared * March 2023(VTS 54) – Draft revised document * October 2023 (VTS 55) – Finalise revised document   \*Additional time will be needed if test materials are to be developed | | |
| **Expected numbers of sessions for completion** | Session number:  52 53 54 55 56 57 58  X  X  X  -  --  -  X | | |
| **Committee notes** | **Origins** | Requested by VTS Committee at [VTS51] | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |

# TASK 3.8.6 English Language Competency requirements in VTS operations

| **VTS Committee Work Programme 2022-2026** | | | |
| --- | --- | --- | --- |
| **Standard** | Vessel Traffic Services | | |
| **Topic Area** | VTS Training (WG3） | | |
| **Task** | English Language Competency requirements in VTS operations | | |
| **Objectives of the task** | * Assess current English language competency guidance * Determine English language competency requirements for all stages of VTS operations and a VTS Operators career * Determine options for guidance on the application of standard phraseology in VTS for all VTS Personnel. * Consider use of, or development of, VTS specific English competency assessments for all VTS Personnel.   Joint participation of Operations (WG1) and Technology (WG2) may be required. | | |
| **Expected outcome** | Updated IALA guidance on English language proficiency and competence level assessments.  New guidance on development of [or provision of] a VTS specific English language assessment. | | |
| **Compelling need** | Existing IALA documentation provides a level of English language competency to be achieved in some model courses. V-103/1 requires the International English Language Test System (IELTS), level 5 or its equivalent, and V-103/2 requires IELTS level 6, or its equivalent. These levels were established several years ago.  A study initiated by the Korean Coast Guard that assessed the English language competence of existing VTS operators requires review throughout the career of the VTSO. The author of the study has made several recommendations and has indicated an interest in working with WG3 on further developments. | | |
| **Strategic Alignment** | Goal  G1 – Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.  Strategy  S2 - Position IALA as the source of standards, knowledge, and expertise that will enable States to provide Marine Aids to Navigation, in accordance with relevant international obligations and recommendations.  S6 - Improve and harmonise the delivery of VTS globally and in a manner consistent with international conventions, national legislation and public expectations, to ensure the safety and efficiency of vessel traffic and to protect the environment. | | |
| **Scope** | **In Scope:**  A presentation (or workshop) by the author of the study put forth by the Korean Coast Guard.  All proposed documentation and guidance will align with Guideline G1132 VTS Voice Communications and Phraseology.  Within the guidance, develop a generic approach to language proficiency and standard communication phrases [training, testing approaches].  [further input from Republic of Korea] | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Revision of existing IALA Guidance on use of English Language (V-103/1 and V-103/2)  Preparation of a new IALA guideline  Key milestones include:   * March 2022(VTS 52) --Scope Task and workshop on VTS specific English language assessments (if available) * October 2022(VTS 53) -- Draft documents prepared * March 2023(VTS 54) – Improve Draft documents * October 2024(VTS55) -- Improve Draft documents * March 2025 (VTS 56) -- Draft guidance reviewed by VTS Committee and forwarded to Council for approval.   \*Additional time will be needed if test materials are to be developed | | |
| **Expected numbers of sessions for completion** | Session number:  52 53 54 55 56 57 58  X  X  X  X  --  -  X | | |
| **Committee notes** | **Origins** | Requested by VTS Committee at [VTS51]  See VTS53-6.3.1 from Korea Coast Guard | |
|  | **Agreed by session** | **TD#** | **Comments** |
|  |  |  |
|  | **Approved by Council** | *(Council Session)* | *(Date)* |
|  | **Revision Notes:** |  | |

# TASK 3.9.1 Consider relevant VTS documents to be revised/updated next WP

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard No** |  | | |
| **Topic Area/Scope**  *(See Standard or Work Programme 2023-2028)* |  | | |
| **Strategic Alignment**  *(See IALA Strategic Vision)* | **Goal:**  **Strategy:** | | |
| **Task**  *(Proposed task name for new tasks)* |  | | |
| **Objectives of the task** |  | | |
| **Expected outcome**  *(e.g. Recommendation, Guideline, Model Course)* |  | | |
| **Compelling need**  *(Describe briefly why this task should be included in the Work Programme)* |  | | |
| **Scope**  *(Describe key items to be taken into account as well as what is not included)* | **In Scope:**  **Out of scope:** | | |
| **Brief and concise description of the work to be undertaken and programme mile­stones** | Key milestones for completing the task include: | | |
| **Expected numbers of sessions for completion** | Session number:  54 55 56 57 58 59 60 | | |
| **Committee notes** | **Origins /Input paper**  **Who proposed the task?**  **Forwarded from previous work period:** | *(name of file)*  *(name of organisation)*  Yes No | |
|  | **Working Group** | **WG#** | **Comments** |
| **Agreed by VTS Cte** | *(VTS Cte Session)* | *(Month & Year)* |
| **Approved by Council** | *(Council Session)* | *(Month & Year)* |
| **Revision Notes:** |  | |

