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| dFrom: The IALA VTS Committee | VTS35/output/9 |
| To: The IALA Council | 7 September 2012 |

Information Paper

Proposed revision of the VTS Committee’s Work Programme

(2010 - 2014)

Approved by IALA Council – December 2011

(Changes made/suggested at VTS35 are highlighted in yellow)

The VTS Committee deals with all aspects of VTS, including the expanding role of vessel monitoring with respect to maritime safety, environmental protection and security. In the work of the Committee, the following general aspects are to be taken into consideration:

* IALA Strategy;
* Integration & harmonisation;
* Regional & global aspects;
* Harmonized use of Definitions and Terms;
* Concepts associated with Risk Assessment / Management;
* Work Programme 2010 – 2014

| Task | Estimated number of sessions | Comments | Strategy Element |
| --- | --- | --- | --- |
| 1. Define the concept and develop the scope of the VTM, including the role and position of VTS in VTM and support to ship and port security and other services. (In consultation with e-NAV, and focusing on the VTS/VTM related architecture and specifying the VTS/VTM functional requirements.) | 4 | Task removed at decision of Council 52. | 13.1 & 13.4. Also  3.3, 3.4, 3.5, 5.1, 5.2, 5.6, 5.7, 10.1, 10.4, 10.11, 12.1, 13.5, 15.1, 15.2 & 15.3 |
| 1. Develop criteria, guidance or general provisions, for submission to IMO, on establishing and operating a VTS beyond territorial seas, to include a clarification of the difference between a VTS Area established / extending beyond territorial seas and operated as a VTS in its own right and a ship reporting system managed / monitored by a VTS. | 4 | Task closed at decision of Council 52. | 5.7, 11.3 |
| 1. Review/update/provide input to IMO on Resolution A.857 (20) -Guidelines for Vessel Traffic Services, taking into account the development and implementation of the VTM concept. | 3 | Task placed in abeyance at VTS35 – pending council approval | 1.2, |
| 1. Update the VTS Manual. | 3 | Completed – Approved Council 53 |  |
| 1. Review VTS Recommendations and Guidelines to ensure consistency with the VTS Manual including:    1. Recommendations:       1. V-102 on the Application of the User Pays Principle to VTS (dated 03/1998);       2. V-120 on Vessel Traffic Services in inland waters (dated 06/2001);       3. V-125 on the use and presentation of symbology (dated 12/2004); and       4. V-127 on VTS Operating Procedures (dated 06/2004).    2. Guidelines:       1. 1017 Assessment of Training Requirements for VTS Personnel (dated 06/2001);       2. 1026 AIS as a VTS Tool (dated 12/2001);       3. 1027 Simulation in VTS Training (dated 06/2002)       4. 1045 Staffing Levels at VTS Centres (dated 12/2005) | 1  2  2  2  3  3  4  4 | * Revised V-120 on Vessel Traffic Services in inland waters approved at Council 53 * V-125 on the use and presentation of symbology approved at Council 51 | 3.4  5.5  3.4, 5.3, 5.8, 10.4, 13.2, 13.6, 15.3, 18.1  3.4, 5.3, 5.8, 10.4, 13.2, 13.6, 15.3, 18.1  3.4, 5.3, 5.8, 10.4, 13.2, 13.6, 15.3, 18.1 |
| 1. Review V-128 – Operational and Technical Performance Requirements for VTS Equipment:    1. Annex 2 – Performance Requirements on radar, including the effect of offshore installations (such as wind farms)    2. Annex 3 – Performance Requirements - (AIS), to include Class B & Inland AIS    3. Annex 6 – Performance Requirements – CCTV (Electro-optical equipment)    4. Annex 7 – Performance Requirements - Direction Finding (DF) equipment.    5. Annex 8 – DGNSS and additional positioning services equipment.    6. Annex 9 – Equipment for transfer of data between VTS centres (to include international VTS data exchange) | 6 |  | 5.1, 5.2 |
| 1. Produce a Recommendation on harmonized functional VTS/VTM requirements for networking and information exchange. | 5 | Approved at Council 51 | 3.3, 5.1, 5.2, 13.5 |
| 1. Produce a Recommendation on standard nomenclature (i.e. radio call signs) for use when referring to a VTS Centre. | 2 |  |  |
| 1. Develop Model Courses (V-103) on:    1. training the trainer. | 6 |  | 3.4, 5.8, 10.4, 15.3, 18.1 |
| 1. Produce Guidelines on the provision of VTS Types of Service. | 5 | Forwarded to Council 54 for approval at VTS35 | 5.4, 10.4 |
| 1. Produce a Guideline on VTS support and interaction with allied services in emergency situations, SAR, disaster management, law enforcement and regulatory compliance | 4 |  | 5.5 |
| 1. Produce a Guideline onthe use of decision support tools in VTS. | 2 |  | 5.5 |
| 1. Produce a Guideline on assessing and auditing the overall performance of VTS Centres with respect to their effectiveness in mitigating risk and as described in Chapter 18, Quality Management, in the VTS Manual. | 5 |  | 5.4, 10.1, 10.7 |
| 1. Identify the need for SMCP to be updated   ~~Review SMCP as it relates to VTS and communicate suggested changes to IMO.~~ | 4 | Task placed in abeyance at VTS35 – pending Council approval | 5.3 |
| 1. Produce a position paper on the need for mandatory training for VTSOs, including certification / accreditation and encourage member states to support this initiative at IMO | 2 |  | 10.4, 10.8, 15.3 |
| 1. Produce a recommendation on training and certification standards for Navigating Officers participating in a VTS for further delivery to IMO. | 3 |  | 15.3 |
| 1. Specify VTS and other VTM related user needs in relation to the allocation of the radio frequency spectrum, for further delivery to the IMO and ITU. | 4 | Completed at VTS34 – Council ?? |  |
| 1. Consider developing a separate and distinct VTS Training Manual to complement the V-103 Model courses. | 5 |  | 3.4, 5.3, 10.4 |
| 1. Co-ordinate work required to update the NAVGUIDE | 3 |  |  |
| 1. Produce a Guideline on refresher training and revalidation | 4 |  | 3.4, 5.8, 10.4, 15.3, 18.1 |
| 1. Develop a Concept Paper on the ‘Needs for the future delivery of VTS’ | 6 |  | 1.2 |

Monitoring Items

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| Task | Duration | Rapporteur | Strategy Element(s) |
| M1 Developments in e-learning, IALA World Wide Academy | Continuous | Stephen Bennett |  |
| M2 Use and impact of risk and decision making tools | Continuous | Kerrie Abercrombie |  |
| M3 Liaison with the e-Navigation Committee | Continuous | Pieter Paap |  |
| M4 Usage of the World VTS Guide | Continuous | Paul Owen |  |
| M5 IALA Dictionary | Continuous | Tuncay Çehreli |  |

Deferred Items

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| --- | --- | --- | --- |
| Task | No. of sessions | Comment | Strategy Element(s) |
| D1 None at this time |  |  |  |

**VTS Committee Work Plan - 2010 – 2014 X** = OPS, **X** = T, **X** = P&T, **X** = VTM and **X** = Committee

| Task | Session | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 |
| 1. Define the concept and develop the scope of the VTM, including role of VTS in VTM and support to ship and port security and other services. (In consultation with e-NAV, and focusing on the VTS/VTM related architecture and specifying the VTS/VTM functional requirements.) | **X** | **X** | **X** | **X** | **X** | **X** |  |
| 1. Develop criteria, guidance or general provisions, for submission to IMO, on establishing and operating a VTS beyond territorial seas, to include a clarification of the difference between a VTS Area established / extending beyond territorial seas and operated as a VTS in its own right and a ship reporting system managed / monitored by a VTS. | **X** | **X** | **X** | **X** |  |  |  |
| 1. Review/update/provide input to IMO on Resolution A.857 (20) -Guidelines for Vessel Traffic Services, taking into account the development and implementation of the VTM concept. |  |  | **X** | **X** | **X** |  |  |
| 1. Update the VTS Manual. | **X** | **X** | **X** |  |  |  |  |
| 1. Review VTS Recommendations and Guidelines to ensure consistency with the VTS Manual including:    1. Recommendations:       1. V-102 on the application of the User Pays Principle to VTS (dated 03/1998); WG2       2. V-120 on Vessel Traffic Services in inland waters (dated 06/2001); WG1       3. V-125 on the use and presentation of symbology (dated 12/2004); and WG1       4. V-127 on VTS Operating Procedures (dated 06/2004). WG1    2. Guidelines:       1. 1017 Assessment of Training Requirements for VTS Personnel (dated 06/2001); WG3       2. 1026 AIS as a VTS Tool (dated 12/2001); WG2       3. 1027 Simulation in VTS Training (dated 06/2002); WG3       4. 1045 Staffing Levels at VTS Centres (dated 12/2005). WG3 | **X**  **X** | **X**  **X**  **X** | **X**  **X**  **X**  **X**  **X**  **X** | **X**  **X**  **X**  **X** | **X**  **X**  X  **X** | X**X** | XX |
| 1. Review V-128 – Operational and Technical Performance Requirements for VTS Equipment:    1. Annex 2 – Performance Requirements on radar, including the effect of offshore installations (such as wind farms)    2. Annex 3 – Performance Requirements – (AIS), to include Class B & Inland AIS    3. Annex 6 – Performance Requirements – CCTV (Electro-optical equipment)    4. Annex 7 – Performance Requirements – Direction Finding (DF) equipment.    5. Annex 8 – DGNSS and additional positioning services equipment.    6. Annex 9 – Equipment for transfer of data between VTS centres (to include international VTS data exchange) | **X** | **X** | **X** | **X** | **X** |  |  |
| 1. Produce a Recommendation on harmonized functional VTS/VTM requirements for networking and information exchange. |  | **X** | **X** |  |  |  |  |
| 1. Produce a Recommendation on standard nomenclature (i.e. radio call signs) for use when referring to a VTS Centre. | **X** | **X** |  |  |  |  |  |
| 1. Develop Model Courses (V-103) on:    1. Train the Trainer. | **X** | **X** | **X** | **X** | **X** | **X** |  |
| 1. Produce Guidelines on the provision of VTS Types of Service. | **X** | **X** | **X** | **X** | **X** |  |  |
| 1. Produce a Guideline on VTS support and interaction with allied services in emergency situations, SAR, disaster management, law enforcement and regulatory compliance. |  |  |  | **X** | **X** | **X** | **X** |
| 1. Produce a Guideline on the use of decision support tools in VTS. |  |  |  |  | **X** | **X** |  |
| 1. Produce a Guideline on assessing and auditing the overall performance of VTS Centres with respect to their effectiveness in mitigating risk and as described in Chapter 18, Quality Management, in the VTS Manual. |  |  | **X** | **X** | **X** | **X** | **X** |
| 1. Review SMCP, as it relates to VTS, and communicate suggested changes to IMO. | **X** | **X** | **X** | **X** | **X** | **X** |  |
| 1. Produce a position paper on the need for mandatory training for VTSOs, including certification / accreditation and encourage member states to support this initiative at IMO. | **X** | **X** |  |  |  |  |  |
| 1. Produce a recommendation on training and certification standards for Navigating Officers participating in a VTS for further delivery to IMO. | **X** | **X** | **X** |  |  |  |  |
| 1. Specify VTS and other VTM related user needs in relation to the allocation of the radio frequency spectrum, for further delivery to the IMO and ITU. | **X** | **X** | **X** | **X** |  |  |  |
| 1. Consider developing a separate and distinct VTS Training Manual to complement the V-103 Model courses. |  |  | **X** | **X** | **X** | **X** | **X** |
| 1. Co-ordinate work required to update the NAVGUIDE |  |  |  | **X** | **X** | **X** | **X** |
| 1. Produce a Model Course on refresher training and revalidation |  |  |  | **X** | **X** | **X** | **X** |
| 1. Develop a Strategy Paper on the ‘Needs for the future delivery of VTS’ |  |  |  |  | **X** | **X** | **X** |