

**Agenda item 9 – IALA TECHNICAL ACTIVITIES**

**9.5 VTS**

**9.5.1 Documents for approval**

***9.5.1-1 – Changes to VTS Work Programme***

**Note by the Secretariat**

The changes to the Work Programme for VTS37 are at Annex A. In summary:

Task 6 - Review V-128 – Operational and Technical Performance Requirements for VTS Equipment, now involves a review of the whole document and the time required has been extended to VTS37.

Task 11 – it is proposed that the task title be amended to read ‘Produce a Guideline on VTS support and interaction with allied and other services’.

Task 13 - it is proposed that the task title be amended to read ‘Produce a Guideline on assessing and auditing VTS’.

Task 20 – it is proposed that the draft Guideline become a model course.

**Action requested of the Council**

The Council is requested to consider the changes proposed at Annex A, with a view to approval.

## VTS Committee Work Programme (2010 – 2014)

### 1 STATUS

The current Work programme for the VTS Committee was approved by the IALA Council in June 2012. **Changes proposed at VTS36 are highlighted in yellow.**

### 2 VTS COMMITTEE TERMS OF REFERENCE

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

### 3 TASKS IN RELATION TO STRATEGY

Task	Estimated number of sessions	Comments	Strategy Element
<del>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 a NAV, and focusing on the VTS/VTM related architecture and specifying the VTS/VTM functional requirements.)</del>	4	Task removed at decision of Council 52.	<del>13.1 &amp; 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 &amp; 15.3</del>
2 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
3 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 – pending Council decision on support for IMO new work item	1.2,
4 Update the VTS Manual.	3	Completed – Approved Council 53	

Task	Estimated number of sessions	Comments	Strategy Element
<p>5 Review VTS Recommendations and Guidelines to ensure consistency with the VTS Manual including:</p> <p>a Recommendations:</p> <p>i V-102 on the Application of the User Pays Principle to VTS (dated 03/1998);</p> <p>ii V-120 on Vessel Traffic Services in inland waters (dated 06/2001);</p> <p>iii V-125 on the use and presentation of symbology (dated 12/2004); and</p> <p>iv V-127 on VTS Operating Procedures (dated 06/2004).</p> <p>b Guidelines:</p> <p>i <del>1017 Assessment of Training Requirements for VTS Personnel</del> Training Requirements for VTS Personnel (dated 06/2001);</p> <p>ii 1026 AIS as a VTS Tool (dated 12/2001);</p> <p>iii 1027 Simulation in VTS Training (dated 06/2002)</p> <p>iv 1045 Staffing Levels at VTS Centres (dated 12/2005)</p>	<p>1</p> <p>2</p> <p>2</p> <p>2</p> <p>3</p> <p>3</p> <p>4</p> <p>4</p>	<ul style="list-style-type: none"> <li>Revised V-120 on Vessel Traffic Services in inland waters approved at Council 53</li> <li>V-125 on the use and presentation of symbology approved at Council 51</li> </ul>	<p>3.4</p> <p>5.5</p> <p>3.4, 5.3, 5.8, 10.4, 13.2, 13.6, 15.3, 18.1</p> <p>3.4, 5.3, 5.8, 10.4, 13.2, 13.6, 15.3, 18.1</p> <p>3.4, 5.3, 5.8, 10.4, 13.2, 13.6, 15.3, 18.1</p>
<p>6 Review V-128 – Operational and Technical Performance Requirements for VTS Equipment:</p> <p><del>a Annex 2 – Performance Requirements on radar, including the effect of offshore installations (such as wind farms)</del></p> <p><del>b Annex 3 – Performance Requirements (AIS), to include Class B &amp; Inland AIS</del></p> <p><del>c Annex 6 – Performance Requirements CCTV (Electro-optical equipment)</del></p> <p><del>d Annex 7 – Performance Requirements Direction Finding (DF) equipment.</del></p> <p><del>e Annex 8 – DGNSS and additional positioning services equipment.</del></p> <p><del>f Annex 9 – Equipment for transfer of data between VTS centres (to include international VTS data exchange)</del></p>	<p>6</p>		<p>5.1, 5.2</p>
<p>7 Produce a Recommendation on harmonized functional VTS/VTM requirements for networking and information exchange.</p>	<p>5</p>	<p>Approved at Council 51</p>	<p>3.3, 5.1, 5.2, 13.5</p>
<p>8 Produce a Recommendation on standard nomenclature (i.e. radio call signs) for use when referring to a VTS Centre.</p>	<p>2</p>		
<p>9 Develop Model Courses (V-103) on:</p> <p>a training the trainer.</p>	<p>6</p>		<p>3.4, 5.8, 10.4, 15.3, 18.1</p>

Task	Estimated number of sessions	Comments	Strategy Element
10 Produce Guidelines on the provision of VTS Types of Service.	5	Forwarded to Council 54 for approval at VTS35	5.4, 10.4
11 Produce a Guideline on VTS support and interaction with allied <del>and other services, in emergency situations, SAR, disaster management, law enforcement and regulatory compliance</del>	4		5.5
12 Produce a Guideline on the use of decision support tools in VTS.	2		5.5
13 Produce a Guideline on assessing and auditing VTS. <del>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.</del>	5		5.4, 10.1, 10.7
14 Identify the need for SMCP to be updated	4	Task placed in abeyance at VTS35 – pending Council approval	5.3
15 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
16 Produce a recommendation on training and certification standards for Navigating Officers participating in a VTS for further delivery to IMO.	3		15.3
17 Specify VTS 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	
18 Consider developing a separate and distinct VTS Training Manual to complement the V-103 Model courses.	5		3.4, 5.3, 10.4
19 Co-ordinate work required to update the NAVGUIDE	3		
20 Produce a Model Course on Revalidation and Refresher Training For VTS Personnel. <del>Produce a Guideline on refresher training and revalidation.</del>	4		3.4, 5.8, 10.4, 15.3, 18.1
21 Develop a Concept Paper on the 'Needs for the future delivery of VTS'	6		1.2

### 3.1 Monitoring Items

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	
M6	CPAF Activities	Continuous		

### 3.2 Deferred Items

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

4 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
<p>1 Review VTS Recommendations and Guidelines to ensure consistency with the VTS Manual including:</p> <p>a. Recommendations:</p> <p>i. V-102 on the application of the User Pays Principle to VTS (dated 03/1998); WG2</p> <p>ii. V-120 on Vessel Traffic Services in inland waters (dated 06/2001); WG1</p> <p>iii. V-125 on the use and presentation of symbology (dated 12/2004); and WG1</p> <p>iv. V-127 on VTS Operating Procedures (dated 06/2004). WG1</p> <p>b. Guidelines:</p> <p>i. 1017 Assessment of Training Requirements for VTS Personnel (dated 06/2001); WG3</p> <p>ii. 1026 AIS as a VTS Tool (dated 12/2001); WG2</p> <p>iii. 1027 Simulation in VTS Training (dated 06/2002); WG3</p> <p>iv. 1045 Staffing Levels at VTS Centres (dated 12/2005). WG3</p>			X				
					X	X	X
			X	X			
	X	X					
			X	X	X	X	X
		X	X				
	X	X	X	X	X	X	
			X	X	X		
2 Review V-128 – Operational and Technical Performance Requirements for VTS Equipment:							
<del>a. Annex 2 Performance Requirements on radar, including the effect of offshore installations (such as wind farms)</del>							
<del>b. Annex 3 Performance Requirements (AIS), to include Class B &amp; Inland AIS</del>							
<del>c. Annex 6 Performance Requirements CCTV (Electro-optical equipment)</del>	X	X	X	X	X	X	X
<del>d. Annex 7 Performance Requirements Direction Finding (DF) equipment</del>							
<del>e. Annex 8 DGNSS and additional positioning services equipment</del>							
<del>f. Annex 9 Equipment for transfer of data between VTS centres (to include international VTS data exchange)</del>							
3 Produce a Recommendation on harmonized functional VTS requirements for networking and information exchange.		X	X				

Task	Session						
	31	32	33	34	35	36	37
4 Produce a Recommendation on standard nomenclature (i.e. radio call signs) for use when referring to a VTS Centre.	X	X					
5 Develop Model Courses (V-103) on: a. Train the Trainer.	X	X	X	X	X	X	
6 Produce Guidelines on the provision of VTS Types of Service.	X	X	X	X	X		
7 Produce a Guideline on VTS support and interaction with allied and other services. in emergency situations, SAR, disaster management, law enforcement and regulatory compliance.				X	X	X	X
8 Produce a Guideline on the use of decision support tools in VTS.					X	X	
9 Produce a Guideline on assessing and auditing VTS 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
10 Review SMCP, as it relates to VTS, and communicate suggested changes to IMO. Task placed in abeyance at VTS35 – pending Council approval	X	X	X	X	X	X	
11 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					
12 Produce a recommendation on training and certification standards for Navigating Officers participating in a VTS for further delivery to IMO.	X	X	X				
13 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			
14 Consider developing a separate and distinct VTS Training Manual to complement the V-103 Model courses.			X	X	X	X	X

Task	Session						
	31	32	33	34	35	36	37
15 Co-ordinate work required to update the NAVGUIDE				X	X	X	X
16 Produce a Model Course on refresher training and revalidation				X	X	X	X
17 Develop a Strategy Paper on the 'Needs for the future delivery of VTS'					X	X	X
<del>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.)</del> Task removed at decision of Council 52.	X	X	X	X	X	X	
<del>2 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.</del> Task closed at decision of Council 52.	X	X	X	X			
3 Review/update/provide input to IMO on Resolution A.857 (20) -Guidelines for Vessel Traffic Services Task placed in abeyance – pending Council decision on support for IMO new work item			X	X	X		
4 Update the VTS Manual.	X	X	X				