



IALA COUNCIL 68th session



11-14 December 2018
IALA Headquarters

11 – IALA TECHNICAL ACTIVITIES

11.4 – VTS

11.4.1 - Summary report of the 45th session of the VTS Committee

Note by the Secretariat

1. REPORT OF THE 45TH SESSION OF THE IALA VESSEL TRAFFIC SERVICES COMMITTEE (VTS45)

The 45th Session of the VTS Committee was held at IALA Headquarters from 1 to 5 October 2018.

96 Delegates from 27 countries, 4 sister organisations and 1 observer participated in VTS45. This included 16 participants for the first time.

2. WORK CARRIED OUT

This was the first meeting for the 2018-2022 Work Programme and the VTS Committee considered 63 input papers and produced 16 output papers of three Working Groups.

3. KEY OUTCOMES FROM THE SESSION INCLUDE:

The completion of the following new or revised Recommendations and Guidelines:

- Recommendation R0127 on VTS Operations;
- Guideline G1141 on Operational Procedures for VTS;
- Guideline G1142 on The provision of Local Port Services other than VTS;
- Guideline G1045 on Staffing Levels at VTS Centres;

A template description was drafted for a joint IALA, WMO and IHO submission to IMO on Maritime Services.

A reference document was completed for the IALA documentation related to VTS and will be available on the IALA website.

Significant progress was made with regards to the revision of IMO Resolution A.857(20) Guidelines on Vessel Traffic Services, including completion of:

- A Work Programme for completing the revised/new resolution for submission to the IMO for their consideration in late 2019;
- A proposal for a workshop (May 2019) to broaden participation and engagement in preparing the draft revision and assist the Committee finalise the draft revision;
- '*Guiding principles*' for drafting the revised/new resolution for VTS;
- A first draft of a revised/new resolution for VTS.

The following liaison notes were prepared:

- To Council to approve the draft Recommendations and Guidelines as given above;
- To Council for approving to hold a workshop on the revision of IMO Resolution A.857(20) Guidelines for VTS;



- To Council to inform about the status of the revision of IMO Resolution A.857(20) Guidelines for VTS;
- To LAP to seek advice for the revision of IMO Resolution A.857(20) Guidelines for VTS;
- To IMO NCSR about the IALA activities with regard to revision of IMO Resolution A.857(20) Guidelines for VTS;
- To IHMA to inform about the revision of Guideline 1111;
- To ENAV on S-200 specifications for IVEF service;
- To ENAV to review the draft Guideline on Maritime Services.

Based on the Work Programme 2018-2022 a VTS Task Plan was completed.

4. WORK PLAN

The overall status of the VTS Committee 2018-2022 Work Programme after VTS45 is as follows:

Task		Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
					Green	Yellow	Red	
TD#1 – Operations								
1.1.1	Revision of IMO Resolution A.857(20) Guidelines on Vessel Traffic Services	45	47					
1.1.2	Review and update V-119 on the Implementation of Vessel Traffic Services (R0119) (Output to be a revised Recommendation and associated Guideline)	47	50					
1.1.3	Develop Model Course on planning, implementing, operating and managing VTS in developing countries	48	49					
1.1.4	Develop Guideline on the Provision of Local Port Services (LPS)	45						Completed G1142
1.2.1	Review and update V-127 on Operational Procedures for Vessel Traffic Services (Output to be a revised Recommendation and associated Guideline)	45	51					Split into R0127 and G1141 completed GL Revision ongoing
1.2.2	Update Guideline 1110 on Decision Support Tools for VTS Personnel (take into account emerging concepts and technologies)	49	50					
1.2.3	Develop a Guideline for Promulgating the Requirements of a VTS to Mariners – A VTS Users Guide Template	45	46					
1.2.4	Develop Guideline on Maritime Services for VTS	45	50					
1.2.5	Develop a Guideline on the implications of maritime autonomous surface ships from a VTS perspective	50	51					
1.2.6	Develop Guideline on how to develop a safety culture in VTS	50	51					
1.2.7	Develop Guideline on the development and implementation of VTS related MS's other than MS 1, 2 and 3	46	48					
1.2.8	Develop a IALA Reference List on IALA Documentation Relating to VTS	45						Completed Continued update by Sec.
1.3.1	Develop Guideline on VTS Voice Communications, Phrases/Phraseology	45	48					
1.3.2	Develop Recommendation on Digital information transfer between ship and shore in VTS operations (Operational aspects)	50	51					



Task		Start Session	Planned End	Revised End	Progress Indicator			Status Overview
1.4.1	Update and publish the VTS Manual and develop related procedures for its future management	46	48					Chair to organise Coord Group
1.4.2	Develop procedures for the ongoing management and conduct of the Global VTS Questionnaire	45	46					Chair to organise Coord Group
1.4.3	Prepare a “living document” on “Future VTS”, including emerging technologies and human element	49	51					
1.4.4	Produce a Guideline on preparing for Zero Accident Campaign							On hold pending IMO decision
TD#2 – Technology								
2.1.1	Develop Guideline on the portrayal of VTS information and data (both operational and technical aspects)	45	48					
2.1.2	Develop Recommendation on Cyber-Security (lead ENG, all Committees via Workshop)	47	50					
2.2.1	Review and update Recommendation V-128 on Operational and Technical Performance of VTS Systems	48	51					
2.2.2	Review and update Guideline 1111 on Preparation of Operational and Technical Performance Requirements for VTS Systems	45	48					
2.2.3	Develop Guideline on the technical acceptance of a VTS system	45	46					
2.3.1	Develop a data model for digital information services for VTS (e.g. route exchange)	45	47					
2.3.2	Review and update Recommendation V-145 on the Inter-VTS Exchange Format (IVEF) Service (Output to be a revised Recommendation and associated Guideline)	48	51					
TD#3 – Training								
3.1.1	Develop Guideline on human factors and ergonomics in VTS	46	49					
3.2.1	Develop Guideline on the management of a VTS	45	49					
3.2.2	Review, update and reformat Guideline 1045 on Staffing Level at VTS centres	45	47					
3.3.1	Review and update V-103 on the Standards for Training and Certification of VTS Personnel and its associated Model Courses.	45	48					
3.3.2	Review and update Guideline 1017 on Assessment of Training Requirements for Existing VTS Personnel, Candidate VTS Operators, Revalidation of VTS Operator Certificates	47	50					
3.3.3	Produce a VTS Training Manual to complement V-103 and its model courses	48	51					
3.4.1	Review and update Guideline 1014 on the Accreditation and Approval Process for VTS Training	48	51					
3.5.1	Develop guidance on VTS awareness for navigating officers	45	46					

5. THE COUNCIL IS REQUESTED

The Council is requested to note the successful completion of VTS45.