



11 – TECHNICAL ACTIVITIES

11.4 – VTS

[11.4.1.1 – VTS47 summary report - complement](#)

Note by the Secretariat

The 47th meeting of the VTS Committee was held from 23 to 27 September 2019 at IALA Headquarters. 94 Participants from 26 countries, three Sister organisations participated in VTS47. 19 participants attended for the first time.

This was the third meeting for the 2018-2022 Work Programme and the VTS Committee considered 55 input papers and produced 24 output papers of three Working Groups.

Key outputs included:

- Finalisation of the revision of IMO Guidelines for Vessel Traffic Services – The Committee completed the revision of the IMO Guidelines for VTS (Resolution A.857(20)) and forwarded the document to the IALA Council for approval before submission to the IMO Navigation, Communications and Search and Rescue Sub-Committee (NCSR) (Task 1.1.1).

The Committee was very grateful for the valuable input provided by a representative from the IMO Secretariat.

- Completion of the revised Recommendation R0119 on the Implementation of Vessel Traffic Services and its associated Guideline on the Establishment of Vessel Traffic Services – The Committee completed the separation of the existing Recommendation V-119 into a new shorter Recommendation and an associated Guideline in conformance with the new IALA document structure.
- Completion of a new Guideline on VTS Training for Deck Officers – The Committee completed a new Guideline to assist maritime training institutes and other interested stakeholders in the training of Deck Officers in VTS related matters.

The following liaison notes were prepared:

- To Council to request a new Work Programme item on the updating of key IALA documentation to coincide with the adoption of the revised IMO Guidelines on Vessel Traffic Services (revised Resolution A.857(20)).

To the Legal Advisory Panel to obtain advice on the revisions to Chapter 4 of the IALA VTS Manual.



Overall status of the VTS Committee 2018-2022 Work Programme after VTS47:

Task		Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
					Green	Yellow	Red	
WG#1 – Operations								
1.1.1	Revision of IMO Resolution A.857(20) Guidelines on Vessel Traffic Services	45	47					To Council for silent approval until 11 Oct 2019
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					Split into Rec and GL completed. Both to Council for approval. GL revision ongoing
1.1.3	Develop guidance on training needs for those involved in the planning and implementation of a VTS, to be included in the new Guideline on the Establishment of VTS (task 1.1.2)	48	49					To Council to note: merged with task 1.1.2
1.1.4	Develop Guideline on the Provision of Local Port Services (LPS)	45						Completed G1142 at VTS45
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					Completed at VTS46
1.2.4	Develop Guideline on Maritime Services in the context of e-Navigation relating to 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					To Council to note: merged with task 1.2.4.
1.2.8	Develop a IALA Reference List on IALA Documentation Relating to VTS	45						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					
1.4.1	Update and publish the VTS Manual and develop related procedures for its future management	46	48					Coord Group established
1.4.2	Develop procedures for the ongoing management and conduct of the Global VTS Questionnaire	45	46	47				Coord. Group established
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							No IMO response. Task discontinued
WG#2 – Technology								



Task		Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
					Green	Yellow	Red	
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 Guidance on the technical acceptance of a VTS system	45	46	48				Split into one general GL and one specific GL
2.3.1	Develop a Product Specification under the S-100 framework for VTS	45	47	49				
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					
WG#3 –Training								
3.1.1	Develop Guideline on human factors and ergonomics in VTS	46	49	51				External expertise call
3.2.1	Develop Guideline on the management of a VTS	45	49	50				Questionnaire for VTS 49
3.2.2	Review, update and reformat Guideline 1045 on Staffing Level at VTS centres	45	45					Completed at VTS45
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	51				Questionnaire for VTS 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					To council to note : task deleted
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 training for deck officers	45	46	47				To Council for approval

Legend:

Green – progress as planned

Yellow – task needs more time, target time prolonged

Red – task needs more time, may not be completed during this work period

Blank – task not started