WWNWS Meeting 11 Agenda Item 3.1

S-124WS/2/3.1 23 August 2019

Current visualization of S124 messages in the Wartsila-Transas products

Submitted by Wartsila-Transas

SUMMARY

Executive Summary: Portrayal is the instructions for how information is to be displayed to the user. Several factors influence important details when defining portrayal.

Action to be taken: Discuss the open questions and record conclusions as input to further the S-124 portrayal rules.

Related documents: S-124 Product Specification Draft 2.0.0



Provided examples based on S124 messages that have been received from Baltic Navigational Warning Service under STM project

3	Overlapping of NW symbols at the small scales	If we have dense coverage for NW there are two
	Open question: Should we define object's generalization rules?	ways on our sight:
3	Overlapping of NW symbols at the small scales Open question: Should we define object's generalization rules? Examples on Stockholm approaches with two ways on	 If we have dense coverage for NW there are two ways on our sight: As in the picture on the left when we see conglomeration of symbols by area Lack in this case it is not presentable view on the map. But from another side this concentration of warnings will attract an attention from user side and he will zoom-in on the map in order to get more details. That's advantage from other side. Generalization of objects. If two or more objects (symbols) are overlapping each other then one object should be shown on map. Perhaps the next multiple symbol can be displayed when we have overlapping of warning's symbols (see the picture at left side. In this case one symbol in rectangle will be displayed and plus
		some additional line on upper
		right corner which says that there are
		several warnings under that place.
		It would be good to get any feedback on that.





NAVTEX messages receiving in ECDIS. (Future implementation in our ECDIS)

Below you may find several screenshots from our ECDIS prototype and main features that would be good to implement. This case relates to the interaction ECDIS and NAVTEX receiver, features and displaying of NAVTEX messages in ECDIS





