S-100 Maintenance - Change Proposal Form

Organization	IALA	Date	
Contact		Email	

Change Proposal Type *Select only one option*

1.Clarification	2.Revision	3.New Edition
	x	

Location *Identify all change proposal locations*

S-100 Version No.	Part No.	Section No.	Proposal Summary
3.0.0	New		Add Online Communication

Change Proposal

For support of online communication services under e-navigation a chapter shall be added to S-100. See Annex A for specific information.

Change Proposal Justification

While defining the S-100 product specification for the Inter VTS Exchange Format IALA identified the need for exchanging smaller data entities between systems continuously. Similar needs are detected in discussion of various services as defined in the Maritime Service Specification. This implies data exchange mechanisms additional to file based data exchange.

This paper C65-11.4.2.12 is the result of the gap-analysis done on streaming and session-based data. The processes have been negotiated between IHO and IALA. The attached paper C65-11.4.2.12 is an update of the previously submitted change request and is provided for consideration as an extension to the S-100 Standard to the next IHO S-100 WG meeting in April 2018.

The primary goal for S-100 is to support a greater variety of hydrographic-related digital data sources, products, and customers. This enables the development of new applications that go beyond the scope of traditional hydrography - for example real time data exchange and online services for acquiring, processing, analyzing, accessing, and presenting data.

This part describes the service components and processes needed to specify an online exchange of information i.e. beyond that found with the exchange of static datasets mostly handled as files.
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Please send completed forms and supporting documentation to the IHB addt@iho.int .