

## 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

2.0.0

New

Add session oriented services

2.0.0

Various

Remove dataset limitations

### Change Proposal

*For support of streaming data services under e-navigation session oriented services must be added to S-100. See Annex A for specific information.*

*Various changes throughout S-100 to remove dataset limitations. See Annex B "change matrix".*

### Change Proposal Justification

IALA is in the process of creating S-100 based product specifications to support the future implementation of e-navigation. To support this process the guideline G1106 "On Producing an IALA S-100 based Product Specification" was developed. At the IALA Workshop on developing S-100 product specifications for e-navigation, held in June 2013, it appeared that the current S-100 does not support streaming (data) services.

The support of streaming data services is needed for envisaged e-navigation services in the IMO defined MSPs.

IALA reported the work on this subject to the IHO in February 2014 but however was not able to finish the change proposal in time for HSCC-6. IHO replied by letter with ref S3/8151/TSMAD that the work would be considered for a subsequent issue of S-100.

A gap analysis was completed during an exercise of placing an existing "streaming data service", into an S-100 compliant product specification. The gap analyses provided recommendations for changes within S-100. These recommendations were used in the creation of this proposal. The exercise output documents are attached for your information as Annex C.

**Please send completed forms and supporting documentation to the IHB [addt@iho.int](mailto:addt@iho.int).**