Input paper: [[1]](#footnote-1) ENAV18-9.14

Input paper for the following Committee(s): check as appropriate Purpose of paper:

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Agenda item [[2]](#footnote-2) 9

Technical Domain / Task Number 2 …………………………………

Author(s) / Submitter(s) Vice chair WG1…………

Report of an Inter-Sessional meeting

# Summary

* 6 people attended this meeting;
* The meeting progressed by a succession of plenary and drafting group sessions;
* The meeting produced:
  + Draft Change request form for IHO
  + Draft new part for S-100 on Session Oriented Services
  + Draft Change matrix with amendments to S-100
  + Input documents for ENAV18

## Purpose of the document

To inform the committee about the inter-sessional meeting.

# Background

The sub working group on S-100 is a subworking group of WG1 and was formaly known as WG Data Modeling and Interfacing (WG6). The issue to be solved in this meeting dates back to 2012.

The issue is that 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 was first discovered that the current S-100 is not fit to support streaming (data) services. IHO has indicated that it would consider to amend S-100 on this part but it would require IALA to submit the necessary changes to S-100. A number of committee meetings have passed but this items remains unresolved until today. As a result of submission to ENAV 17, enav17\_9\_9\_streaming\_data\_service\_draft4 it was decided to organize another inter-sessional meeting to resolve the issue and to produce the draft changes to S-100.

The approach for the meeting was to discover the necessary changes based on the Inter VTS Exchange Format (IVEF)service. During the drafting of a product specification for IVEF a number of gaps in S-100 and the product specification template were identified and during this meeting we would discuss these gaps and discuss the proposed changes to S-100 to solve these gaps.

This inter-sessional meeting was held from 23 to 25 February in the Netherlands at the office of Rijkswaterstaat in Delft.

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# Progress made

At the meeting a draft contribution was developed which could be added to S-100 to support the use for services who are not dataset centric but have a more streaming character.

Furthermore a S-100 ed. 2.0.0. was examined and needed amendments were identified and described in a change matrix.

A draft Change request form was made so that, after approval of the committee, the changes can be formally proposed to IHO.

During the creation of the proposal it was identified that a change to the guideline 1106 and the PS template is needed to incorporate Session Oriented Services.

With special thanks to the attendees the vice chairman of WG1 closed the meeting.

# New action items for WG1:

1. Note the S-100 change request and annexes, and forward it to the committee for approval and to be send to IHO (ENAV18-9.15.1 to ENV18-9.15.5).
2. Amend Guideline 1106 on Producing an S-100 Product specification to support Session Oriented Services

# Participation

|  |  |  |
| --- | --- | --- |
|  | **Members** | **Organization / Country** |
| 1 | Eivind Mong | Jeppesen, Canada |
| 2 | René Hogendoorn | SAAB Technology, the Netherlands |
| 3 | Peter Hooijmans | Rijkswaterstaat, Dutch ministry of Infrastructure and the Environment |
| 4 | Dave Lewald | U.S. Coast Guard – Navigation Systems |
| 5 | Daewon Park | DONGSEO University, Korea |
| 6 | Axel Hahn | OFFIS, Germany |

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Leave open if uncertain [↑](#footnote-ref-2)