

## Paper for Consideration by S100WG

## S100WG input into the IHO Strategic Plan and the IHO 3 year workplan

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| <b>Submitted by:</b>      | S100WG Chair   |
| <b>Executive Summary:</b> | The IHB and HSSC have asked each working group for input into the next IHO Strategic Plan and 3 year workplan which will be decided on at the next IHO Conference/Assembly. This paper seeks input on these matters from the S100 Working group and will be presented at the HSSC Chair Group Workshop in June 2016. |
| <b>Related Documents:</b> | IHO Strategic Plan 2009, Decision #3 of the 5 <sup>th</sup> EIHC, S100WG Workplan  |
| <b>Related Projects:</b>  |  |

**Introduction / Background**

The XIX International Hydrographic Conference (IHC) is scheduled for April 2017. As part of the advance planning process, the chairs of the various HSSC working groups have been asked to provide input into the next 3 year work programme and the IHO Strategic Plan. The chairs of the HSSC working groups have agreed to meet in June 2016 to help prepare the committee's contribution.

At a high level the 2009 Strategic Plan outlines the objectives of the IHO and the strategic directions as agreed to by the Member States. However, since the strategic plan was initially approved in 2009, S-100 has been formally adopted by the IHO Member States and is starting to be widely recognized in the maritime community as the framework for the next generation of charting products. As such it should be specifically mentioned as part of the IHO strategic plan.

**Analysis/Discussion**

In addition, to providing updates to the IHO Strategic Plan, the other focus is to provide input into the next IHO work programme cycle. The yearly work program is reviewed at HSSC, but the underlying work program is tied to the overall IHO work program which is approved at each Conference (Assembly if the new protocols take affect). As a result of the long period of time between overarching work program reports the most recent EIHC requested that working groups prepare a biannual report that informs the IHO MS of the following:

1. Current goals and priorities, and
2. Current or expected gaps and needs

The most recent S-100 report noted the following:

| Current goals and priorities   | Current or expected gaps and needs  | Comments  |
|--|---|---|
| Repair S-100 Register Functionality – the existing S-100 Register has several broken interfaces so no proposals can be made. | Encountered issues with connecting to the IHO Clone Server to make repairs to broken webpages on the IHO Registry.                            | Fixing the existing functionality to the S-100 Register is only a stop-gap solution. The S-100WG chair is working with ROK to develop a new interface to the S-100 register. This way forward will be reported on at HSSC7. |
| The feature Catalogue Builder(FCB) connecting to S-100 Register  | The FCB cannot connect to the IHO registry because of deficiency between S-100 edition 2.0.0 and IHO data table. Need to update the registry. | The FCB would connect to KHOA's S-100 registry in order to test operation of feature catalogue by various domain owners. Interim solution will be reported on at HSSC7.   |
| Prepare a New Edition of S-102   | S-102 still needs to establish both a feature and portrayal catalogue for machine readability. It also needs                                  |   |

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|---|--|--|
|   | to propose the encoding that will be used for this product to S-100 edition 2.1.0  |  |
| Develop an S-100 Interoperability Guidebook | Currently, there is not enough information and the test bed is not mature enough to prepare this item of work.<br>In addition, it may be difficult to resource this properly | This item will be tentatively scheduled for 2016 |

However, the fluid nature of different product specifications in development and the underlying infrastructure that is required to maintain the IHO Registry and Feature and Portrayal catalogue builders, this report tends to change every six months.

Therefore it would be helpful if the S-100WG can help develop what the top three or four priorities are of the S-100 work program, which can then be provided as input into the IHO Strategic Plan and 3-year work programme.

### **Conclusions**

In order to help formulate this discussion the S-100WG chair will prepare a survey asking for the S-100WG to rank the top five priorities of the S-100 work programme. In addition, this survey will seek additional input from the working group so that it might be used at the HSSC Chair Group meeting in June.

### **Action Required of S-100WG**

The S-100WG is invited to:

- a. note the report
- b. suggest other topics to be included in the S-100 Working Group Survey
- c. Participate in the Survey in April 2016