

**4<sup>th</sup> HSSC Meeting  
Taunton, UK, 25-28 September 2012**

**Paper for Consideration by HSSC**

**Proposal for an Expenditure from the IHO Presentation Library Fund for Contract Support**

<b>Submitted by:</b>	Chair, DIPWG
<b>Executive Summary:</b>	Proposal to use contract support to correct errors in the Hydro Portrayal Register and to create new versions of digital Presentation Library files.
<b>Related Documents:</b>	S-52, S-100, S-101, Geospatial Info. Registry - Hydro Portrayal Register
<b>Related Projects:</b>	S-100/S-101 development and testbed activities

### **Introduction / Background**

A test version of the Hydrographic Portrayal Register was established in the S-100 Geospatial Information Registry about two years ago. The register was initially loaded with descriptions of the S-52 colours and symbols, which will for the most part carry forward into use with S-100/S-101. However, it was recently discovered that many of the IEC colour parameters for the three ECDIS colour tables have been entered incorrectly and the register may have other errors.

The DIPWG effort to update the digital Presentation Library files, namely, pslb03.4.dai, PSYMREFT.txt, LSYMREFS.txt and ASYMREFT.txt, to reflect changes in the new PresLib version3.5 could also be expedited by contract support.

### **Analysis/Discussion**

Adequate DIPWG resources are not available to undertake the efforts to review and correct the Hydrographic Portrayal Register or to updating the digital Presentation Library files. DIPWG proposes that IHB use the IHO Presentation Library Fund resources to complete these activities under commercial contract or consultancy arrangements. Reserves available in the PresLib Fund are more than adequate to cover these efforts.

A valid Hydrographic Portrayal Register is needed for the continued development of a hydrographic portrayal catalogue builder capability, which will subsequently be needed to support the development of an S-100/S-101 testbed. If approved, the DIPWG chair will work with IHB to develop a statement of work for the contract work, which is estimated to be about 120 hours of effort. If approved, it is hoped that this effort would be undertaken within the next six months

Updating the PreLib digital files is required for the release of a new version of the S-52 Presentation Library. It is thought that updating the digital files would take about 100 hours of effort. If approved, this additional contract effort would likely be undertaken in the fall of 2013.

### **Conclusions**

Contract support would expedite two important DIPWG efforts, which will contribute to the maintenance of S-52 and further the development of the portrayal related aspects of S-100 and S-101.

### **Recommendations**

Use resources from the IHO Presentation Library Fund to establish the proposed contracts.

### **Justification and Impacts**

If contract support is not made available, the development of the portrayal related aspects of S-100 and S-101 and release of an updated version of the S-52 Presentation Library will very likely be delayed. Funds are available for such contract support.

### **Action Required of HSSC**

The HSSC is requested to invite the IHB to use the Presentation Library Fund to obtain commercial contract or consultancy support to:

- a. correct errors in the Hydrographic Portrayal Register.
- b. update the above mentioned digital Presentation Files.