Hydrographic Services and Standards Committee

Proposal

to

HSSC-4, September 2012

Expenditure from the IHO Presentation Library Fund for Contract Support

(Briefing for HSSC4-05.3B rev1)

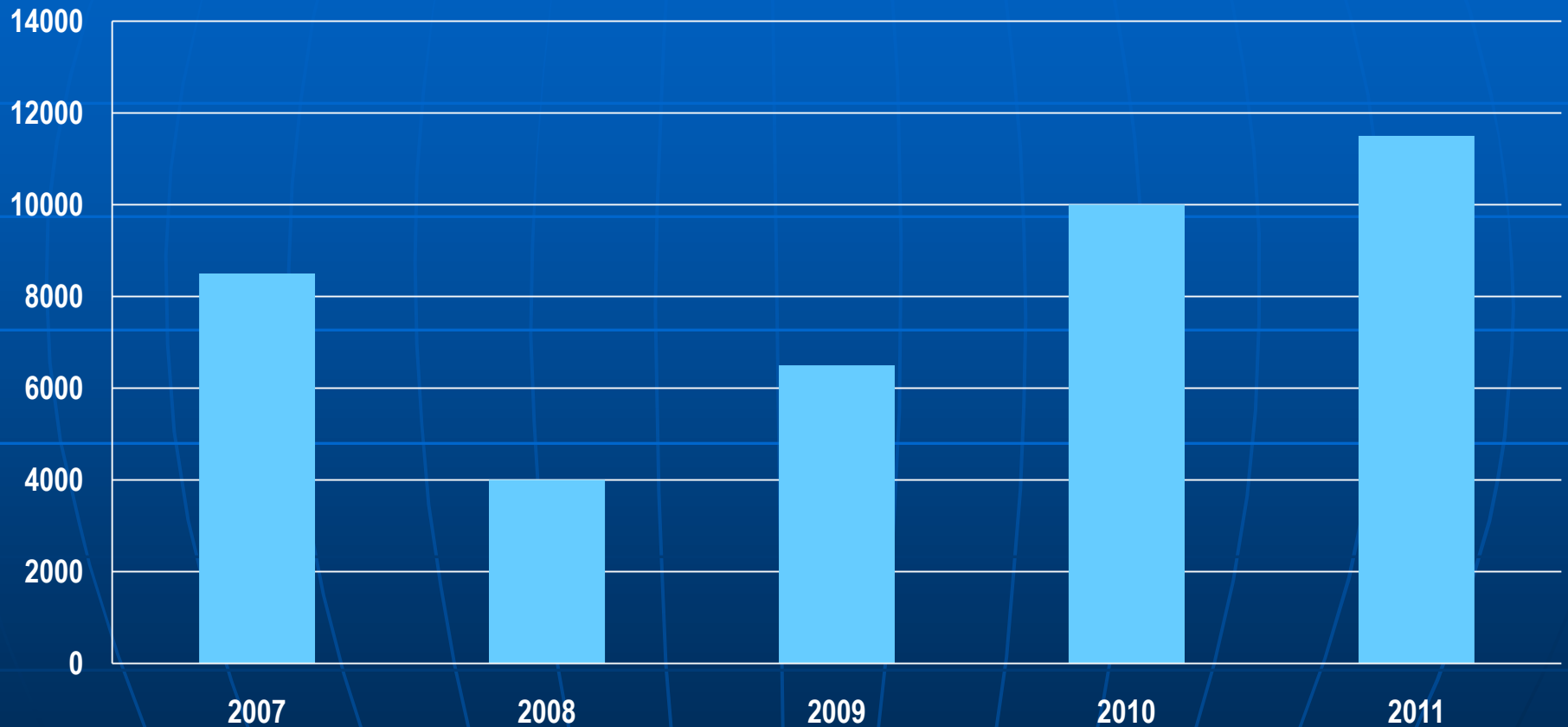# Contract Support Needed for 3 Efforts

- Update S-52 digital files for PresLib ver 3.5

- Correct Hydrographic Portrayal Register

- Create an S-100 Portrayal Catalogue Builder

Presentation Library Fund

Presentation Library CD-ROM
Sales in Euros

Current PresLib Fund Balance: €51 656

Updating S-52 Digital Files

+ Digital component of PresLib
  - pslb03.4.dai, PSYMREFT.txt, LSYMREFS.txt and ASYMREFT.txt
+ Part of S-52 PresLib CD sold by IHB for €500
+ Updated files are required for release of new 3.5 version of the S-52 Presentation Library
+ Estimated effort: about 100 hours
+ Estimated cost: about €9 500

Correcting Hydro Portrayal Register

- Test version of Hydro Portrayal Registry was established about two years ago

- Loaded with descriptions of S-52 colours and symbols, most of which will be carried forward into S-100/S-101

- Recently found errors in IEC colour parameters for the three ECDIS colour tables

- Register may have other errors

Correcting Hydro Portrayal Register

- ✦ About 200 colour records

- ✦ Estimated effort: about 20 hours

- ✦ Estimated cost: about €1 900

Correcting Hydro Portrayal Register

- ✦ About 700 symbol records
- ✦ Estimated effort: about 120 hours
  - – 10 min/record
- ✦ Estimated cost: about €11 500
- ✦ Total 1 900 + 11 500 = about €13 400

Create S-100 Portrayal Catalogue Builder

- Create S-100 portrayal rules using a graphical user interface

- Enable user to choose a variety of feature/attribute/symbol/colour combinations and create the appropriate machine readable rule

- User should not need to know anything about the underlying S-100 framework or schemas

- Estimated effort: 3 to 4 months

- Estimated cost: €45 to € 65K

Rationale for Contract for Support

- Success of DIPWG depends on the efforts of many OEMs and member state representatives, but …

  … further development of the portrayal aspects of S-100 and S-101 will also depend on contractor support.

- DIPWG efforts could advance without contractor support, but …

  … the time required to accomplish some critical tasks would invariably be extended and further delay the development of S-100 and S-101.

Action required of HSSC

- HSSC is invited to:
  - Endorse use of resources from the IHB Presentation Library Fund and/or other available resources to obtain commercial contract or consultancy support to:
    - Update S-52 digital files for PresLib version 3.5
    - Correct Hydrographic Portrayal Register Errors
    - Create an S-100 Portrayal Catalogue Builder