



Hydrographic Services and Standards Committee

Report of the Digital Information Portrayal Working Group
(DIPWG)

HSSC-6 Viña del Mar, Chile

11-14 November 2014

Principal activities and achievements (1 of 3)

- ★ S-52, Edition 6.1 & PresLib, Edition 4.0
 - Reviewed and endorsed by DIPWG and HSSC
 - by correspondence
 - 10 Oct 2014: Final MS approval of S-52
 - 40 yes votes needed – over 50 received so far
 - 21 Oct 2014: A few errors in S-52 and S-64 were identified
 - Required edits have been made to correct the errors
 - Nov 2014: Publication of final versions of S-52 and S-64
 - Nov 2015: Forecast publication of final IEC 61174
 - Nov 2016: Previous editions of S-52 and S-64 are retired

TODAY



Principal activities and achievements (2 of 3)

- ★ Completion of Portrayal Sections of S-100 & S-101
 - Portrayal Model added to Section 9 of S-100
 - Extensive content added to S-101 normative Annex C9, “Implementation Guidance”
 - Mostly extracted/adapted from S-52, Ed 6.1 and PresLib Ed 4.0



Principal activities and achievements (3 of 3)

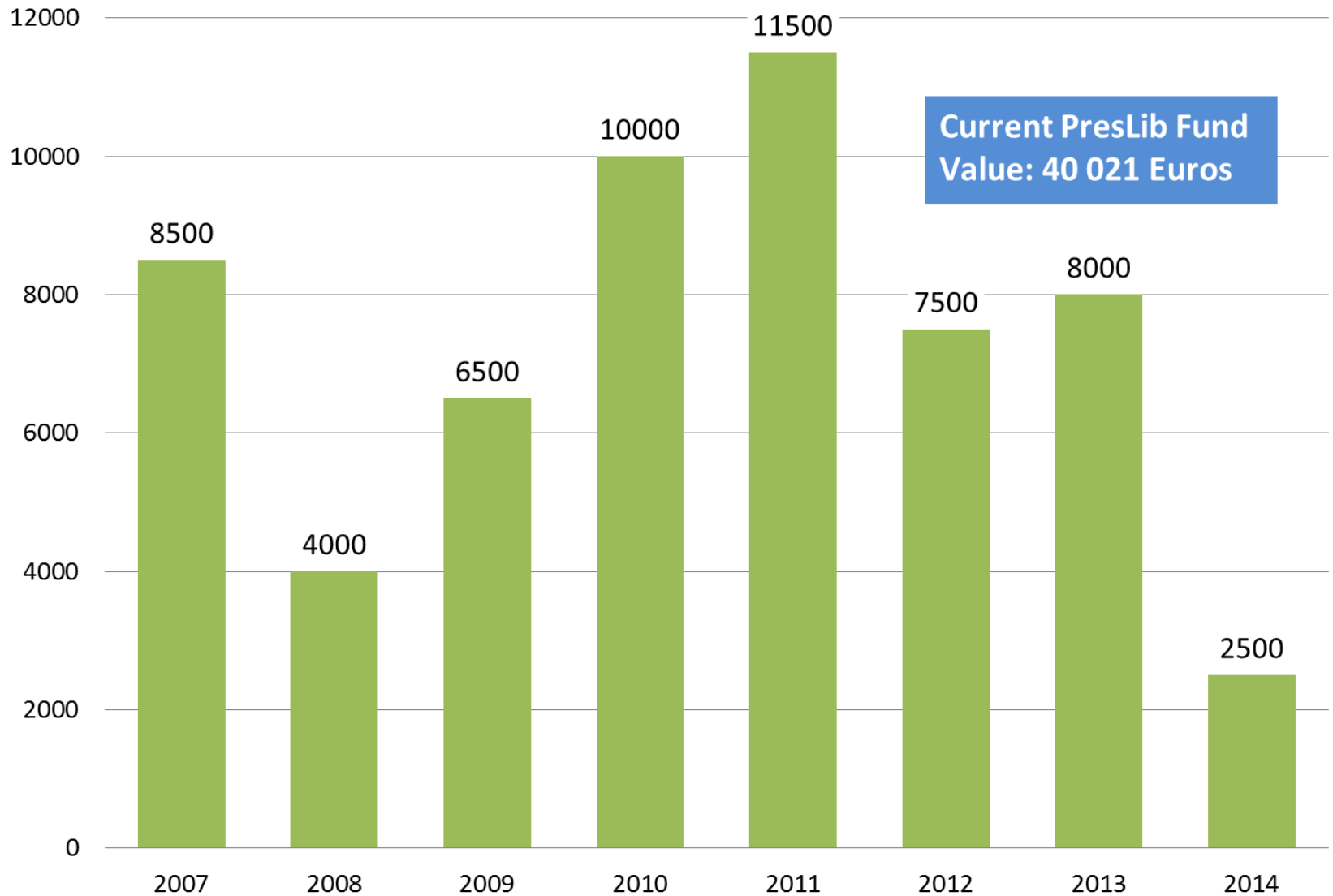
★ S-100 Portrayal Catalogue Builder

- Dec 2013: CARIS delivered PCB tool
- May 2014: Testing completed and delivery accepted
- Baseline Changes
 - Jan 2014: New S-101 Data Classification & Encoding Guide baseline
 - Apr 2014: Portrayal model enhancements approved at DIPWG6
 - Oct 2014: Revised Feature Catalogue from KHOA
 - Minor modifications to PCB needed to realign with changes
- 28 Nov 2014: IHO/CARIS Contract ends
- No new Engineering Change Proposals permitted after this date

TODAY



Annual S-52 Presentation Library Sales in Euros



Problems or outstanding issues (1 of 2)

- ★ S-100 Registry and S-101 Register Maintenance
 - Previously discussed



Problems or outstanding issues (2 of 2)

★ Future of DIPWG

- Nearly 100% overlap between TSMAD and DIPWG membership
- All DIPWG meetings are held in conjunction with spring TSMAD mtg
- Portrayal topics worked informally at two winter TSMAD meetings
- DIPWG will formally bring portrayal work to TSMAD's next winter mtg

- Recommend merging DIPWG and TSMAD
if HSSC does not establish S-100WG and ENCWG



Future work programme

Task	Work Item	Priority	Affected Pubs /Standard	Proposed Transfer to New Working Group
A.1	Resolve any problems or errors identified in S-52 and its Presentation Library as appropriate	H	S-52	ENCWG
C.1	Monitor Relevant International Standards	L	S-52 S-100 Portrayal Register	S-100WG / ENCWG
F.2	Maintain S-100 Portrayal	H	S-52 S-100 Portrayal Register	S-100WG
F.3	Assist TSMAD in identifying which aspects of S-52 should be incorporated into S-100 and S-101 Specification.	H	S-100 S-101	This task has been completed and may be removed.
F.4	Maintenance of S-101 Portrayal Component and Portrayal Catalogue	H	S-101 S-100 Portrayal Register	S-100WG *
J.1	Liase with CSPCWG	M	S-52 S-100 Portrayal Register	S-100WG / ENCWG
K.2	Maintain Chart Presentation Bulletins on the DIPWG page of IHO website	M		ENCWG
K.3	Review and revise other informational pages on the DIPWG page of IHO website	L		ENCWG
L.1	Investigate enhancing the appearance of existing traditional paper chart symbols used in ECDIS by modifying their size, shape and colour.	L	S-52 S-100 Portrayal Register	S-100WG * †
M.1 (2.4.6)	Provide technical assistance on Portrayal for S-10x related product specifications.	M		S-100WG

* If maintenance of S-101 is allocated to ENCWG, then these tasks should follow it.
The design of new and modified ENC symbols could also be assigned to CSPCWG / NIPWG

† DIPWG has decided to focus this effort on changes that would be implemented in S-101.
 If practical, these new symbols may be considered for inclusion in S-52 as well.



Different Aspects of Portrayal Support

Symbol Design & Use
on Nautical Products

CSPCWG / NIPWG

The symbol
should look
like this.



Primarily input from
Member States

Implementation of
Symbols in ECDIS

S-100WG / ENCWG

The system
should work like
this to display
the symbol.



Primarily input
from OEMs



Action requested of HSSC

- ✦ a. endorse the DIPWG report,
- ✦ b. approve the publication of edited S-52 and S-64
- ✦ c. approve use of PresLib fund for additional PCB and S-101 Register work
- ✦ c. develop and implement an IHO strategy to expand and sustain S-100 registry support
- ✦ d. disband DIPWG and reallocate its work plan:
 - to S-100WG and ENCWG if establishment of these bodies is approved at HSSC6 (and to CSPCWG) or,
 - to TSMAD if S-100WG and ENCWG are not created

