



Hydrographic Services and Standards Committee

Report of the

Standardization of Nautical Publication Working Group

to HSSC 5, Shanghai, Nov 2013

Presented by Mr. Jens Schröder-Fürstenberg (SNPWG Chair)

Principal activities and achievements

✦ Engagement

- 15 Member states, 3 commercial companies,
1 training institute

✦ Meetings

- November 2012, Helsinki, Finland
- June 2013, Silver Spring, USA

✦ NPUB Content revision and items assignment

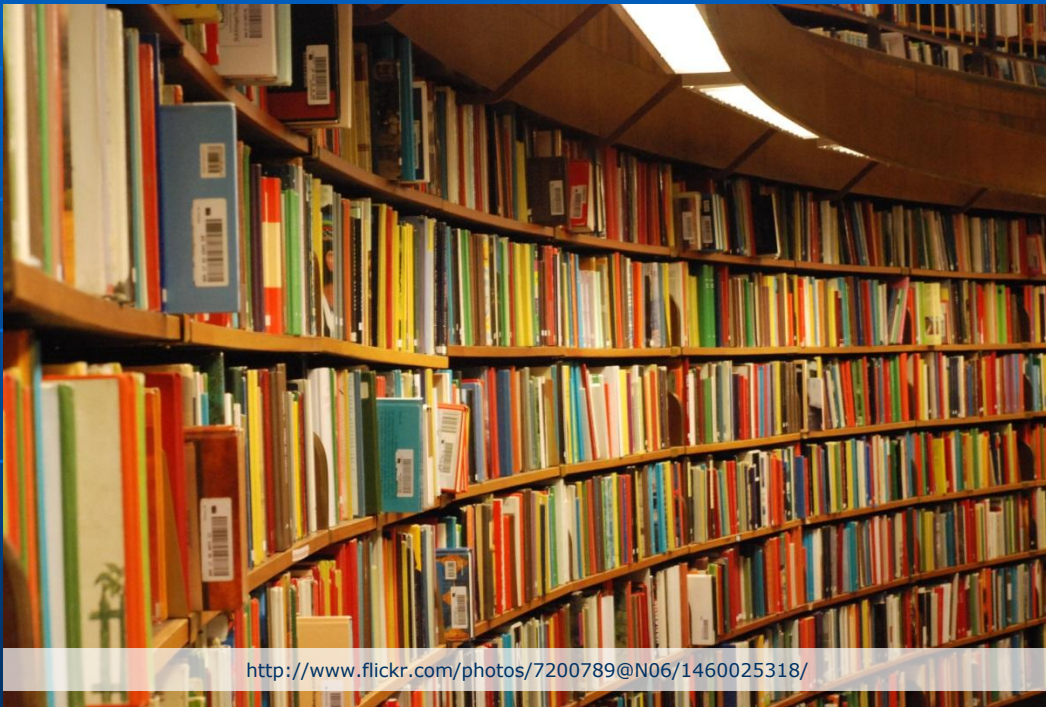
✦ User's Questionnaire

✦ HSSC4 action items completion



Principal activities and achievements

✦ NPUB Content revision and items assignment



Principal activities and achievements

✦ Questionnaire

AIDA Cruises, Germany
Bridge Simulation Centre Espoo, Finland
ECDIS Ltd., United Kingdom
Interschalt, Germany
Marstal Navigationskole, Denmark

SAMTRA, South Africa
WINGS, Germany
Mariners via Coast Guard, Japan
Mariners via NOAA, U.S.
Online, Worldwide



Principal activities and achievements

- ✦ HSSC1/8 Develop Marine Environment Protection Programme (MEPP) based on S-100 (MPA)
 - Stand-alone Product Specification
 - Data Specification for Traffic Management Product Specification
- ✦ Contribution to several IHO Standards and Publications
 - S-100 (IHO Universal Hydrographic Data Model)
 - S-32 (Hydrographic Dictionary)



Principal activities and achievements

✦ HSSC4 action items completion

- Clarification of carriage compliant nautical publications and their content
- HSSC 4/27 SNPWG to provide an estimate of the number of potential Product Specifications related to nautical publications
- HSSC 4/26 Development of a product specification time line



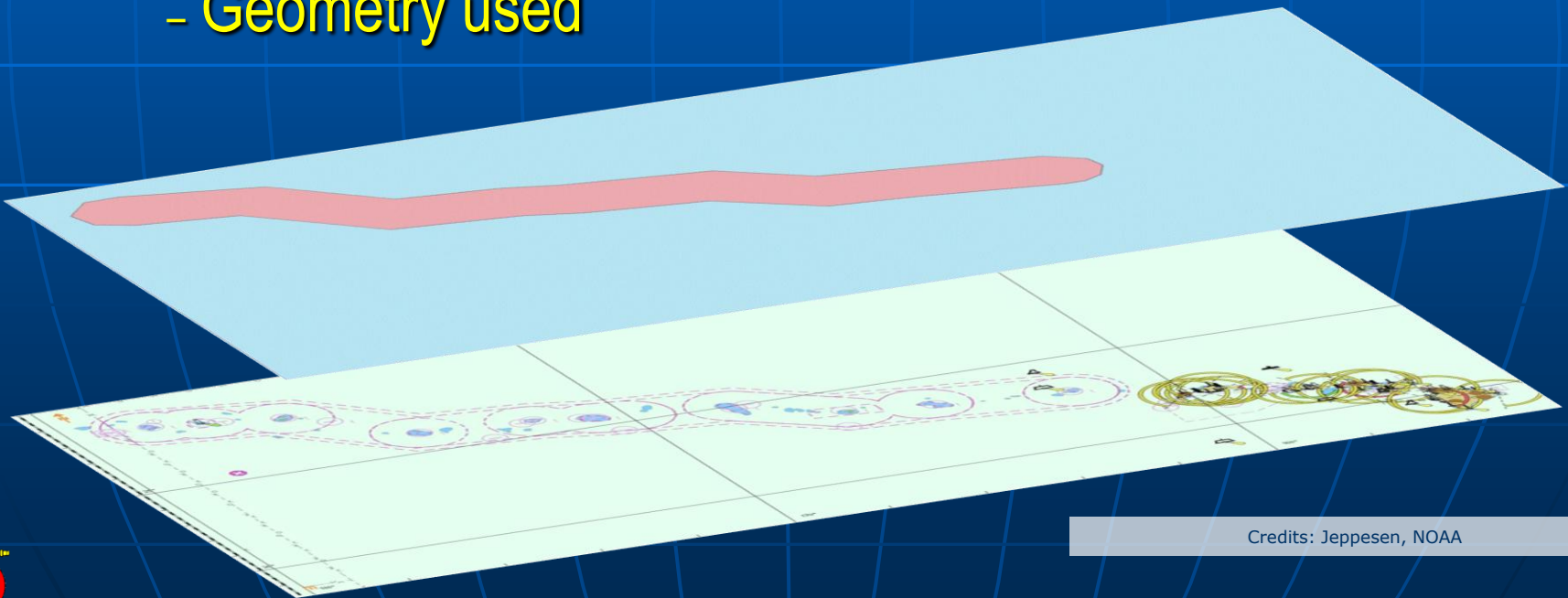
Problems or outstanding issues

- ✦ Group related
 - Small expertise in technical development
 - Limited industry participation
- ✦ S-100 related
 - Incorporation of new S-100 functions
- ✦ Improvement of IHO GI registry



Problems or outstanding issues

- ✦ MPA Product Specification related
 - Portrayal specification (DIPWG)
 - Data quality (DQWG)
 - Geometry used



Credits: Jeppesen, NOAA



Problems or outstanding issues

✦ Terms of Reference

- According to HSSC5

- Objective

- To develop guidelines for the preparation of nautical publications, in a format compatible with **digital information systems including but not limited to ECDIS.**

- Procedures (paragraph 1)

- a) The WG should:

- (i) Investigate the data format specifications, content and display requirements of digital nautical publications intended for use in **ECDIS and other information display devices.**

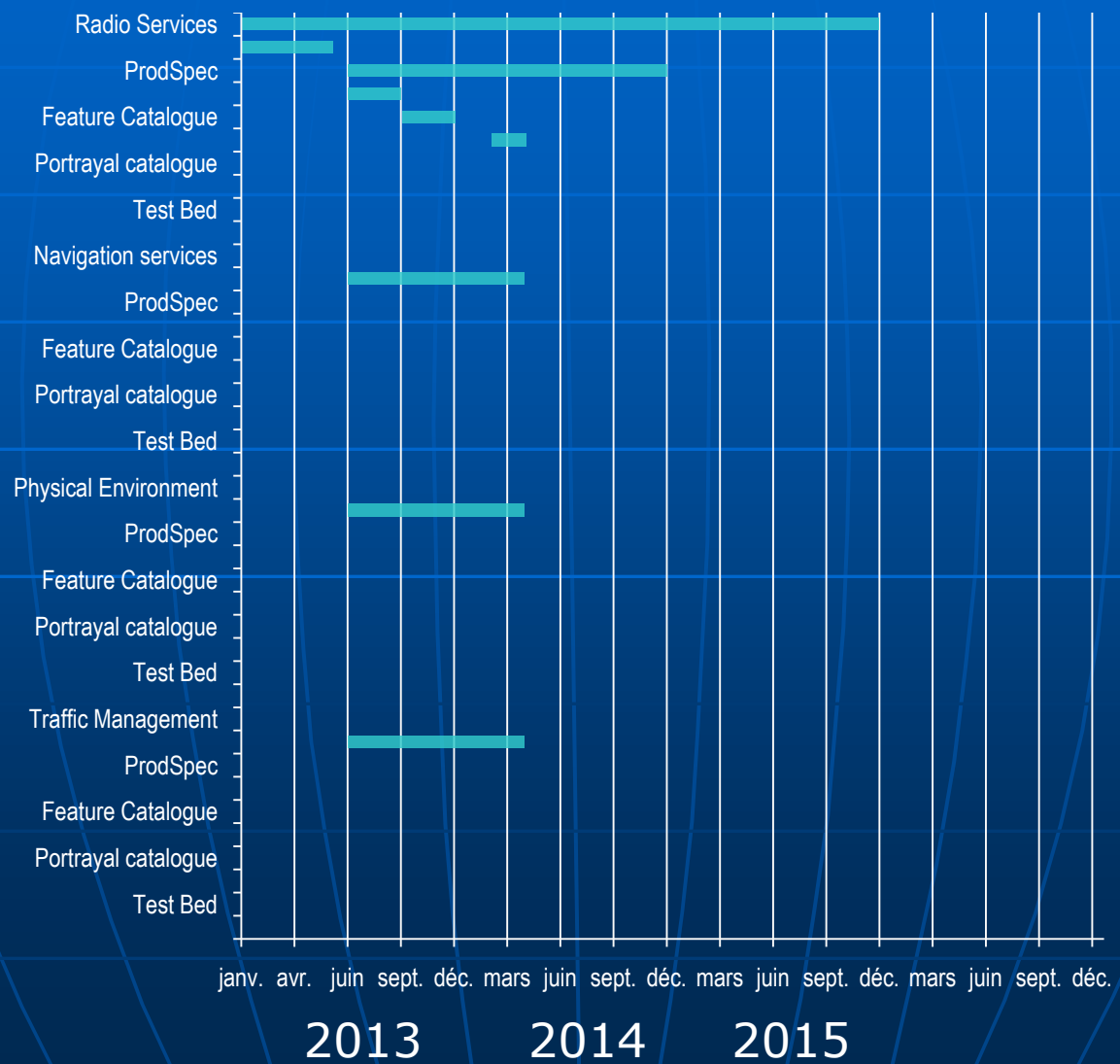


Future work programme

- ✦ Product Specifications in scheduled production order
 - 1. Radio Services,
 - 2. Navigational services,
 - 3. Physical Environment,
 - 4. Traffic Management,



Future work programme



Future work programme

- ✦ Product Specifications in scheduled production order
 - 5. Marine Services,
 - 6. Harbour Infrastructure, and
 - 7. Social/Political



Action requested of HSSC

- ✦ Note Chairman's Report: HSSC5-05.4A
- ✦ Confirm the applicable parts of M-3 as covering the carriage requirement according to SOLAS V, Reg. 9(3)
- ✦ Confirm the task to draft the Product Specifications which are under development
 - Order of Development
 - Development schedule



Action requested of HSSC

- ✦ Endorse the continuance of the Work Plan
- ✦ Endorse the new Terms of Reference

