

Tides, Water Level and Currents Working Group
Viña del Mar, Chile – 16-20 April 2018
Agenda – (TWCWG3)

1. Opening

- .1 Opening address – **Chair**
- .2 Address by host nation – **Director SHOA**
- .3 IHO address – **IHO**

2. Administrative Arrangements

- .1 Adoption of the Agenda and Apologies – **Chair/Secretary**
- .2 Programme and timetable of the Sessions – **Chair/Secretary**
- .3 Meeting administration, including H&S – **Host**
- .4 Report on Intercessional Activities including HSSC9 – **Chair**
- .5 Matters arising from TWCWG2/Review of Action Items – **Secretary**

3. National Presentations

- .1 Presentations by delegates on “National Tidal and Current issues and projects”
 - .1 KHOA, Korea;
 - .2 NOAA, USA;
 - .3 FTA, Finland;
 - .4 SHOA, Chile;
 - .5 SHOA, Chile.

4. Product Specification Presentations

- .1 IHO GI Registry brief – **AUS**
- .2 Water Level Information for Surface Navigation (S-104) – **AUS**
- .3 Surface Current Product Specification (S-111) – **USA/CAN**
- .4 S-111 and S-126/S-124 interoperability – **UNH**

5. Product Specifications Work Packages

- .1 Progress report on current datasets – **CAN**
- .2 Feedback on results from first encoding tests – **USA/CAN**
- .3 Feedback from Webinar session – **CAN**
- .4 Application of encoding tool(s) to additional datasets – **CAN**
- .5 Encoding datasets in HDF5 S-111 format – **CAN**
- .6 Engagement with S-100WG – **FRA**

6. Programme Matters

- .1 Standard Constituent List – **GBR**
- .2 Standard for digital Tide Tables – **USA**
- .3 The study of long term data sets for the determination of global sea level rise. – **GBR, NOR, USA & ESP**
 - .1 Visualization of storm surges and future sea level rise – **NOR**
- .4 Compare Tidal Predictions generated as a result of analysis of a common data set by different analysis software – **USA**
- .5 Exchange of Harmonic constants/predictions, feedback on comparison of tidal constituents – **GBR/USA**

- .6 Establishment and Maintenance of VRF for High Resolution Bathymetric Surfaces – **GBR & NLD**
- .7 Determining ellipsoidal height of MSL at the coast – **???**
 - .1 A common reference frame - **NOR**
- .8 Inventory of Tide gauges used by IHO Member States – **IHO**
- .9 Actual Tides On-line Link status – **IHO**
- .10 National project presentations:
 - .1 Nevref project (R.Klees, C.Slobbe) – **NLD**
 - .2 NSHC action on LAT and CD – **NLD**
 - .3 Versatile Hydrodynamics – **NLD**
 - .4 Surfef project – **FRA**
 - .5 Integration of oceanographic data in ECDIS (L.Becker) – **DEU**
- 7. IHO Resolutions and Charting Specifications**
 - .1 Review of relevant IHO Resolutions – **IHO**
 - .2 Review of relevant IHO Charting Specifications – **IHO**
- 8. IOC Programmes**
 - .1 Update on IOC GLOSS/TOWS Programme items and events – **JPN**
- 9. Capacity Building**
 - .1 Tides and Water Levels Workshop training material – **ZAF/AUS**
- 10. Any Other Business**
 - .1 Development of report to S-100WG and revisions to draft report to HSSC10 – **Chair**
 - .2 Historical data recovery – **Chair**
 - .3 Consider need to create Project Teams for development of S-100 PS – **Chair**
- 11. Work Plan and ToRs**
 - .1 TWCWG Work Plan up-dates – **IHO**
 - .2 Review TWCWG ToRs and RoPs – **IHO**
- 12. Election of vice-Chair – Chair/Secretary**
- 13. Venue and dates of the 4th TWCWG Meeting (TWCWG4) – Chair/Secretary**
- 14. Review of Action Items from TWCWG3 – Secretary**
- 15. Draft Agenda for TWCWG4 – Chair/Secretary**
- 16. Closing remarks – Chair**