

**Tides, Water Level and Currents Working Group**  
*IHO, Monaco, 20-23 February 2024 (tbc)*  
**Draft Agenda – (TWCWG8)**

**1. Opening**

- .1 Opening address – **Chair / Vice Chair**
- .2 IHO comments – **IHO**

**2. Administrative Arrangements**

- .1 Adoption of the Agenda and Apologies – **Chair/IHO**
- .2 Programme and timetable of the Sessions – **Chair/IHO**
- .3 Report on Intercessional Activities including HSSC14 – **Chair**
- .4 Matters arising from TWCWG7/Review of Action Items – **Chair**

**3. Programme Matters**

- .1 Standard Constituent List – **GBR/Chair**
- .2 The study of long-term data sets for the determination of global sea level rise and changes in tidal range. – **NOR/USA**
- .3 Compare Tidal Predictions generated as a result of analysis of a common data set by different analysis software (including Application for an International Association for the Physical Sciences of the Oceans (IAPSO) Best Practice Study group on Tidal Analysis)– **USA/NOR/GBR [UK National Oceanography Centre, NOC]**
- .4 Historical data recovery/data archaeology – **Chair / GBR [UK National Oceanography Centre (NOC)] / All**
- .5 Establishment and Maintenance of VRF for High Resolution Bathymetric Surfaces – **GBR/NLD**
- .6 Determining ellipsoidal height of MSL at the coast – **NLD**
- .7 Inventory of Tide gauges used by IHO Member States – **IHO/Chair**
- .8 Actual Tides On-line Link status – **IHO/Chair**
- .9 List of vertical datums in use to describe Chart Datum – **IHO/Chair**

**4. Product Specification Presentations & Updates**

- .1 Water Level Information for Surface Navigation Product Specification (S-104); current draft Ed 1.1.0, and working toward Ed 2.0.0 – **AUS/USA**
- .2 Surface Current Product Specification (S-111); current draft Ed 1.2.0, and working toward Ed 2.0.0 – **USA**
- .3 Engagement with S-100WG and other relevant subordinate bodies – **USA/Chair**
- .4 S-104 & S-111 Member State developments, Use cases, etc. – **All**
- .5 S-104 & S-111 Revisions to GI Registry – **USA**
- .6 DQWG ‘cross checks’ of the S-104/S-111 Data Quality chapters, and Feature Catalogues with Data Classification & Encoding Guide (DCEG) – **Chair / USA / All**
- .7 China Maritime Safety Administration (MSA) paper on testing of S-104 and S-111 datasets – **Chair / USA / all**

**5. IHO Resolutions and Charting Specifications**

- .1 Review of relevant IHO Resolutions – **ZAF**
- .2 Review of relevant IHO Charting Specifications – **IHO**

**6. IOC Programmes**

- .1 Update on IOC Global Sea Level Observing System (GLOSS) Programme items and events – **USA**
- .2 Update on IOC Tsunamis & Other Hazards Related to Sea-Level Warning & Mitigation Systems (TOWS) Programme items and events – **CHL**

**7. Capacity Building**

- .1 Tides and Water Levels Workshop training material – **ZAF/AUS**

**8. Any Other Business**

**9. Work Plan and ToRs**

- .1 TWCWG Work Plan 2023-2024 updates – **IHO**
- .2 Review TWCWG ToRs and RoPs – **IHO**

**10. Venue and dates of the 9<sup>th</sup> TWCWG Meeting (TWCWG9) –IHO/ Chair**

**11. Review of Action Items from TWCWG8 – IHO**

**12. Development of TWCWG8 report to HSSC16 - Chair**

**13. Draft Agenda for TWCWG9 –IHO/ Chair**

**14. Closing remarks – Chair/Vice Chair/IHO/All**

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