

**IHO Tides, Water Level and Currents Working Group and  
IOC Global Sea Level Observing System-Group of Experts**  
*Busan, Republic of Korea – 11 April 2019*  
**Draft Agenda – Joint Meeting**

**1. Opening**

- .1 Opening address – **Chairs**
- .2 Approve agenda – **Secretary**

**2. Programme Matters**

- .1 Data exchange – **Chair GLOSS-GE/All**
- .2 The study of long term data sets for the determination of global sea level rise – **Jones (GBR)/Borck (NOR)/Stone (USA)/García (ESP)**
- .3 Communicating long term sea level changes – **Borck (NOR)**
- .4 Sea level network observing gaps – **Chairs/All**
- .5 Determining ellipsoidal height of MSL at the coast – **Kuilman (NLD)**

**3. National Project presentations**

- .1 Ellipsoidal height of the chart datum in bench marks for the purpose of rapid recovery of chart datum from future hazards – **Tsuchiya (JPN)**
- .2 Installing GNSS sensors at water level stations and tying ellipsoidal elevations to tidal datums – **Stone (USA)**
- .3 Approach for the Application of S-111 (Surface current prediction) – **KOR**
- .4 S-104 and tidal observations – **KOR**
- .5 Baltic Sea Chart Datum 2000 – a common reference level for nautical charts and sea level information in the Baltic Sea – **Hammarklint (SWE)**
- .6 Common reference frame for Norway – ocean topography in a long fjord – **Ravndal (NOR)**
- .7 Shipbourne GNSS – geoid model validation in the Bay of Bothnia – **Mononen (FIN)**

**4. Capacity Building/Development**

- .1 Tides and Water Levels Workshop training material – **Farre (ZAF)/ Jayaswal (AUS)**
- .2 Opportunities for coordination and cooperation in delivery – **Chairs/All**

**5. Any Other Business**

- .1 Historical data recovery/data archaeology – **Chairs/All**

**6. Considerations for further joint meetings – Chairs/All**

**7. Review of Action Items – Secretary**

**8. Closing remarks – Chairs**