

## IHO Tides, Water Level and Currents Working Group 5 Meeting

**\*\*Virtual Meeting\*\***

16-18 March 2021

### 1. Instructions

**Please join the TWCWG meeting from your computer, tablet or smartphone using the link provided in the covering email.**

Country or Region	Start Time (Local Time)	GMT (+/-)
United Kingdom (GMT)	11:00	-
Europe (CET)	12:00	+1
South Africa (SAST)	13:00	+2
China (CST)	19:00	+8
Japan (JST) & S. Korea (KST)	20:00	+9
Australia (AEDT)	22:00	+12
New Zealand (NZDT)	00:00	+13
Brazil (BRT)/Chile (CLST)	08:00	-3
USA (EST)	06:00	-5
USA/Canada (PST)	03:00	-8

### 2. Read-ahead Materials

See TWCWG5 Document list for download of all documents (<https://iho.int/en/twcwg5-2021>). For efficiency purposes, participants are invited to read the documents listed below beforehand. Superscript letters on agenda items indicate the relevant Read-ahead documents:

#### Day 1:

- a. TWCWG4 Report
- b. TWCWG4 Actions Chair Comments
- c. Programme Matters reports and updates:
  - o Compare Tidal Analysis and Predictions
  - o xx
- d. Draft revisions to resolutions

#### Day 2:

- e. S-111 current Edition 1.1.1
- f. S-104 current draft Edition 0.0.8

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## Day 3:

- g. Tides course material
- h. TWCWG documents
  - o Draft Work Plan 2021-2022
  - o ToRs

## 3. Draft Agenda

### **Day 1: 16 March 2021**

*All times in Monaco*

#### ***Day 1: Programme matters***

##### **12:00 – 13:00 – *Welcome and Administration***

- 1.1 Welcome, Opening Remarks and Meeting Expectations - **Chair**
- 1.2 Introductions - **All**
- 2.1 Approval of agenda and TWCWG4 Report<sup>a</sup> - **Secretary**
- 2.2 Programme and timetable of the sessions - **Chair**
- 2.3 Report on intersessional activities (HSC11 and HSSC12) - **Chair**
- 2.4 Review of Actions<sup>b</sup> (Read ahead) - Details saved for Agenda items - **Chair/Secretary**

##### **13:00 – 14:00 – *Update on Programme matters*<sup>c</sup>**

- 3.1 Compare Tidal Predictions generated as a result of analysis of a common data set by different analysis software - **USA/NOR**
- 3.2 Exchange of Harmonic constants/predictions, feedback on comparison of tidal constituents - **USA/GBR**

##### **14:00 – 14:45 – *IHO Resolutions and Charting Specifications*<sup>d</sup>**

- 6.1 Review of relevant IHO Resolutions - **ZAF**
- 6.2 Review of relevant IHO Charting Specifications - **IHO**

##### **14:45 – 15:00 – *Wrap-up***

### **Day 2: 17 March 2021**

*All times in Monaco*

#### ***Day 2: Progressing S-100 based Product Specifications***

##### **12:00 – 12:15 – *Welcome and Plan for session***

##### **12:15 – 13:00 – *S-111 Update and Progress report*<sup>e</sup>**

- 4.2 Surface Current Product Specification (S-111) - **USA**

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13:00 – 14:30 – **S-104 Update, Progress report and review<sup>f</sup>**

4.1 Water Level Information for Surface Navigation (S-104) - **AUS/USA**

14:30 – 14:45 – **S-104 and S-111 Use cases**

4.3 Use case documents - **Chair**

14:45 – 15:00 – **Wrap-up**

**Day 3: 18 March 2021**

*All times in Monaco*

## **Day 3: Capacity Building, Work Plans and Elections**

12:00 – 12:15 – **Welcome and Plan for session**

12:15 – 13:15 – **Product Specification Work Packages**

5.1 Progress report on S104/S111 developments - **GBR**

5.2 Progress report on encoding datasets - **USA**

5.3 Progress report on current datasets, encoding, and additional datasets - **DEU**

5.4 S-111 HDF5 Validation Checks - **USA**

5.5 Engagement with S-100WG and other relevant subordinate bodies - **Chair**

13:15 – 14:00 – **Capacity Building<sup>g</sup>**

8.1 Tides and Water Levels Workshop training material - **ZAF**

14:00 – 14:20 – **Work Plan and ToRs<sup>h</sup>**

10.1. TWCWG Work Plan up-dates - **Secretary**

10.2. Review TWCWG ToRs and RoPs - **Secretary**

14:20 – 14:30 – **Next meeting (TWCWG6)**

11.1 Venue and dates of the 6<sup>th</sup> TWCWG Meeting - **Chair/Secretary**

14:30 – 14:40 – **Elections**

12.1 Election of the Chair and Vice-Chair in accordance with ToRs article 3c -  
**Secretary**

14:40 – 15:00 – **Close**

13.1 Review of List of Actions and Decisions for CSBWG10 and draft agenda for CSBWG11 - **Secretary**

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13.2 Discussion on outstanding issues and post-meeting expectations/focus - **Chair**

TWCWG5 Attendees

See List of Participants document