

# Outcomes

TWCWG-2

Victoria, Canada

# S-111



## Done

File structure is stable, almost final.

There is a data compression issue to be resolved or get a S-100 guidance.

Details about creating the exchange sets (guidance from S-100).

S-111 validator tool available from Canada.

Data test sets for USA and Canada are already on IHO web sites.

## 2017

Canada final pass on S-111.

Ready for new step: additional data sets.

# S-104

## Done

Able to review almost all the document because we review sections :

6, 7, 8,9,10

There is a coherence with S-111

We have chosen symbology for single point that is already in registry

We defined water level trend (cf; AIS frame (4 flag, rising, falling, steady, not available))

And a criteria for water level trend.



## 2017 objectives

We'd be able to generate S-104 data sets before the end of this year.

S-104 liability issue:

Question: Who produces the ENC?

How information can come from other sources different from IHO?

# S-112

Suggestion : S-112 should be replaced by an overall S-100 transfer standard.



# S-100

Questions for S-100WG Chair

Need:

1/ File naming conventions, guidance or decide.

With no guidance, suggestion for a starting point :

CenterCode(ID)\_Sxxx\_time\_and\_date\_latitude\_longitude

2/ Encryption + certification, Checksum of the data (integrity).

3/ File compression (manufacturers job or ECDIS encodeurs)

4/ Is a common data transfer is going to be the same for all S-1xx data?

Ask to S-100WG, to send to other WG “that are linked “ to S-111, S-104, our 3 S-1xx documents, to be sure that they will know our PS description and know our questions on data transfer.

5/ To provide UML support.



[\(report 2017\)](#)

# Resolutions Review



**Regarding to M3:** The resolutions of relevance to TWLWG

**Action / All**

[https://www.iho.int/mtg\\_docs/com\\_wg/IHOTC/TWCWG1/TWCWG1-7.1.1-IHO\\_Resolutions.pdf](https://www.iho.int/mtg_docs/com_wg/IHOTC/TWCWG1/TWCWG1-7.1.1-IHO_Resolutions.pdf)

Read, and if MS wants to change something, please provide feedback to the group Chair, Vice Chair, before end of July 2017.

**Action Nautical Charting specification / All**

People to review agenda paper 7.2. Send comments to Chair, Vice Chair and provide answers end of September

# Outcomes



## **Exchange of Harmonic constants/predictions**

Write a report with NOAA on tidal constituents / USA ,NOAA

Add constituents in tidal data set analysis / USA, NOAA, All

Add official prediction / USA, NOAA, All

## **Actual Tides Online Link status /All**

Add http link to access to the useful data for our WG

## **Determining ellipsoidal height of MSL, reference level / Netherland, France**

Prepare a draft version to explain the method (TWCWG3)

# Capacity building



## Need

Entry level course, exam, certificate, keep the modularity of the course, recommended student profile, list of equipment, maximum number of students to attend course (ex:15).

There is an action end of May translation to Spanish / US, NGA  
+ Translation in Portuguese (Ruth F. identified someone for translation) and in french (Fr, Ca).

2017:

No course planned in 2017.

Every one to provide inputs by the end of May to Ruth.

# Outcomes



## **IHO process:**

David explains the new organization.

## **GLOSS:**

David stressed the need to have a IHO representative at the IOC/GLOSS meeting:  
Peter Stone (USA, NOAA) and Cesar Henrique De Oliveira Borba (Brazil, CHM) for 2017 meeting.