

**9TH MEETING OF THE HYDROGRAPHIC SERVICES AND STANDARDS COMMITTEE
(HSSC-9)
Ottawa, Canada, 6 - 10 November 2017**

FINAL MINUTES

5.7 Tides, Water Level and Currents (TWCWG)

Doc: HSSC9-05.7A [Report and Recommendations of TWCWG \(TWCWG Chair\) - Presentation](#)

The TWCWG report was presented by the TWCWG Vice-Chair on behalf of the Chair. It was noted that the activities in relation to the development of S-100 based product specifications are segmented in work packages corresponding respectively to S-104 – *Water Level Information for Surface Navigation* – and S-111 – *Surface Currents*. For S-111, a validator tool will be available soon and test datasets are already available. This product is progressing well, even if the finalization of the dynamics information is still required for supporting future e-navigation products. The viewer developed by the Republic of Korea (KRISO) was noted. Member States have also started to engage with their meteorological authorities, as appropriate, for encoding water level data into HDF5 format.

Following Action HSSC8/42 that requested the TWCWG to investigate the use of the NetCDF format in the S-100 framework, the conclusion made in liaison with the S-100WG was that the HDF5 format, already used in S-100 based products, was akin to NetCDF and as a consequence, no further action was needed.

It was also reported that the Tides, Water Level and Currents Capacity Building (CB) course had been discussed and the contents reviewed.

The HSSC and S-100WG were also invited to provide guidance and consider the development of a generic S-100 Data Transfer standard rather than continuing the development of S-112 - *Dynamic Water Level Data Transfer* as the task related to the transmission of real time tidal data is already included in the development of S-104.

Outcome:

- The Committee noted the report and agreed that the TWCWG discontinues the development of S-112 - *Dynamic Water Level Data Transfer* - Product Specification.

→ **Decision** [HSSC9/38](#)

LIST of DECISIONS & Actions arising from HSSC-9

--

AGENDA ITEM	SUBJECT	ACTION No.	ACTIONS (in bold, action by)	TARGET DATE/EVENT	STATUS (at 18 December 2017)
5.7 Tides, Water Level and Currents (TWCWG)					
	Report and Recommendations of TWCWG	HSSC9/38	HSSC noted that development of S-112 - <i>Dynamic Water Level Data Transfer</i> – is no longer required as the functionality will be in S-104 – <i>Water Levels</i> - and agreed to reassign the S-112 identifier to another product specification as appropriate		<u>Decision</u>