

Actions noted from TWCWG8

TWCWG9-2.5

Agenda Item No.	Agenda Item	Description of action	Action	Deadline
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3.7	Inventory of Tide gauges used by IHO Member States	<ol style="list-style-type: none"> 1. Member states to review content and check web links still point to correct location. 2. Submit changes to Chair and Vice-Chair. 3. Updated version to be placed on IHO website 	ALL Chair (GBR) /Vice Chair (ZAF)	TWCWG9 Ongoing
3.8	Actual Tides On Line Link status (ATOLL)	<ol style="list-style-type: none"> 1. Member states to review content and check web links still point to correct location. 2. Submit changes to Chair and Vice-Chair. 3. Updated version to be placed on IHO website 	ALL Chair (GBR) /Vice Chair (ZAF)	TWCWG9 Ongoing
3.9	List of Vertical Datums in use to describe Chart Datum	<ol style="list-style-type: none"> 1. Member states to review content. 2. Submit changes to Chair and Vice-Chair. 3. Addition of Epochs [how time is tracked through the vertical datum] used in calculation 4. Updated version to be placed on IHO website 5. Consider a survey to gather this information. 	ALL Chair (GBR) /Vice Chair (ZAF)/ Peter Stone (USA)	TWCWG9 Ongoing
4.1	Water Level Information for Surface Navigation Product Specification (S-104); working toward Ed 2.0.0	<ol style="list-style-type: none"> 1. Review by S104 project team and TWCWG and resolution of issues identified during review. 2. Dataset cancellation –fileless by preference. Requires resolution of security issue identified by PRIMAR 3. Finalization of “product-specific” validation checks 4. Check by DQWG 5. HSSC approval 6. Sample datasets 7. Validation 8. Clarify production and distribution requirements and issues 9. Test datasets for ECDIS 	ALL S-104 PT /USA/AUS	Comments to be provided on the comments sheet, by e-mail to Raphael 15th March 2024 Complete

Actions noted from TWCWG8

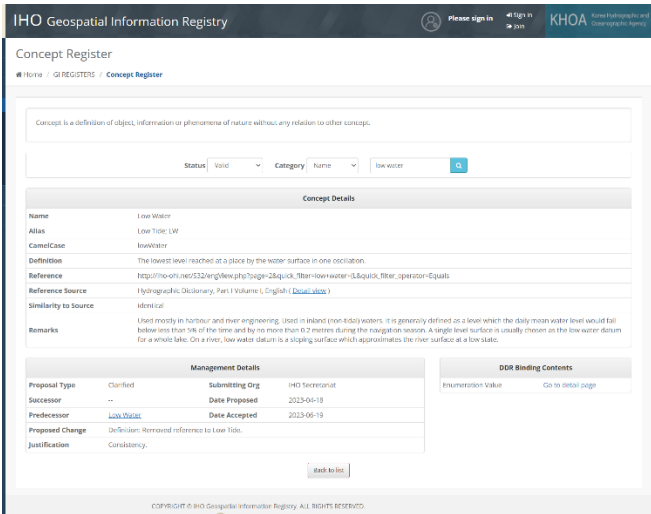
TWCWG9-2.5

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4.1	Water Level Information for Surface Navigation Product Specification (S-104); working toward Ed 2.0.0	<ol style="list-style-type: none"> 1. Take forward proposal for S-10x (S-105) to allow for additional water level information to HSSC to endorse 2. Use the scope of the S-100WG8 paper and presentation tabled by Raphael Malyankar at S-100WG8 as a basis for the argument. 3. Be clear on the intended scope; that this is for Phase 2 S-100 ECDIS implementation (Route Planning) 4. Ask IHO for guidance on the proposal. 	Chair / S-104 PT CAN	7 weeks before HSSC. (8th April 2024) Ongoing
4.2	S-104 Papers: presentation and discussion	<ol style="list-style-type: none"> 1. Look at the latest version of S104 documentation in order to ensure compliance with requirements. 2. Svein to revert back to Raphael if any requirements have been missed 3. ReplacedData/dataReplacement: note the paper and consider proposed changes within product specifications Consider including these references where the instruction gives mandatory fields within the metadata encoding (if this information is available) 4. Investigate how to move forward with regards to how to cancel datasets without having data breaches for S-104 and S-111. 	PRIMAR S-104 PT / ALL USA/AUS S-104 / S-111 PT USA/AUS	15th March 2024 Complete
4.3	Surface Current Product Specification (S-111); working toward Ed 2.0.0	<ol style="list-style-type: none"> 1. Draft of S-111 Edition 2.0.0 - requires review by the S-111 PT and ALL 2. Add uncertainty attribute for speed and direction in S-111 3. Add all 5 options tabled by Raphael in his presentation for “difference products” in S-111 PS. 	S-111 PT / ALL USA/AUS	15th March 2024 Complete
4.4	(Engagement with S-100WG and other relevant subordinate bodies) “Strategies and accommodations for use of changed scope S-104”	<ol style="list-style-type: none"> 1. Establish a correspondence group to develop the themes relating to Phil MacAulay’s (CAN) initial outline, detailed in “Strategies and accommodations for use of changed scope S-104:” 2. This to possibly provide additional detail for a ‘new’ S-10x (S-105?) for Water Level data outside of S-104. 	CAN (Phil) BRA (Felipe) NOAA (Greg, Peter) GBR (Tom C) Portolan (Raphael) Hendrik Goehmann 7Cs ARG (Fernando) AUS (zarina)	TWCWG9 Ongoing

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TWCWG9-2.5

Agenda Item No.	Agenda Item	Description of action	Action	Deadline
			FIN (Anni Jokiniemi) NOR (Hilde) DEN (Nicki Andreasen) ESP (Silvia Costa)	
4.4	Engagement with S-100WG and other relevant subordinate bodies	<ol style="list-style-type: none"> 1. See S-100WG Letter 1/2024 – dated February 14 2024 2. Request from S-100WG to review ECDIS dual fuel concept document https://iho.int/uploads/user/About%20IHO/Council/S-100_ImplementationStrategy/S-100%20Roadmap_Annex4_v1.0_May2023.pdf. 3. Provide inputs via the comment sheet and return it to Yong.Baek@iho.int and Julia.Powell@noaa.gov by March 15th 2024 	Hendrik Goehmann (7C's) Raphael Malyankar (Portolan)	15th March 2024 Complete
4.7	Survey on tides, water level and currents; data production method and data format (S-104 & S-111 products)	1. Repeat the survey and collate information for report back in November 2025	KHOA	TWCWG10
5.3		1. IHO Charting Specs: Tidal levels: B-406.1 Suggest the text “ <i>(to the nearest minute)</i> ” is amended to “ <i>(to the nearest minute as a minimum)</i> ”, to provide consistency.	Chair / IHO	TWCWG9 ?
8.1	HSWG S-44 Offer by the Hydrographic Surveys WG (HSWG) for TWCWG collaboration to improve tidal observation uncertainty	Establish a small task group <ul style="list-style-type: none"> • Fernando Oreiro (ARG) • Zarina Jayaswal (AUS) • Felipe Rodrigues Santana (BRA) • Phil MacAulay (CAN) • Jyrki Moronen (FIN) • Chris Jones (GBR) • Carl Kamerer (NOAA) • Hilde Sande Borck (NOR) 	Chair: to reach out to the Chair of the HSWG; to set up a call with the established team, to go through the exact requirement / expectations	TWCW9 but noting that the next Edition of S-44 [Ed 6.3.0] is likely to be finalised in October 2025

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	standards within the relevant sections of S-44 (Standards for Hydrographic Surveys)			Underway November 2024 / TWCWG9
AOB	GI Registry Entry definition of Low Water	<p>REF: https://registry.iho.int/fc/view.do?searchValue=low%20water</p> <ol style="list-style-type: none"> The definition is incorrect. Phil MacAulay to draft a suggested amendment to then pass it to TWCWG for review, then onward action with IHO.  <p>The screenshot shows the IHO Geospatial Information Registry Concept Register page for the concept 'Low Water'. It includes fields for Name, Alias, Canonical Name, Definition, Reference, Reference Source, and Similarity to Source. It also has sections for Management Details (Proposal Type, Submitting Org, Date Proposed, Date Accepted, Predecessor, Proposed Change, Justification) and DDR Binding Contents (Enumeration Value, Go to detail page).</p>	CAN (Phil M).	TWCWG9 ?
AOB	Git Hub TWCWG site	<ol style="list-style-type: none"> It was decided that a TWCWG-specific Git Hub site would be beneficial for ongoing collaboration within TWCWG and the S-104 / S-111 PTS. To better facilitate more efficient intersessional work. 	Chris J to contact Yong Baek to request the setting up of a TWCWG git hub site.	1st March 2024 Completed

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