

Report of the Tidal Working Group

Andreas Boesch (TWG Chair)

NSHC38

8-9 April 2025

VTC

Agenda Item 3.6

Report available in the IHO Portal: <https://portal.iho.int/page/meetings/1012>



Photo: Tidal Working Group 27th meeting, 4-5 February 2025, Taunton, UK

1. Status of Working Group

“To provide technical advice and promote co-ordination on tidal issues especially within the North Sea Hydrographic Commission (NSHC)”

- New permanent Chair since NSHC37: Andreas Boesch
- Communication within the TWG mainly by e-mail correspondence; one physical meeting (TWG27)
- NOOS is potentially interested in an exchange with the TWG. There is a “Tide, Waterlevel and Wave Working Group” of NOOS, but no specific details are yet available. The Chair will remain in contact with NOOS to explore possible co-operation.

Website (public): <https://www.bshc.pro/working-groups/twg>
+ IHO-Portal and a password-protected shared workspace



List of members

All NSHC member states have nominated delegates to the working group:

Country	Name
Belgium	Johan Verstraeten
Denmark	Nicki Riber Andreasen Kristian Villadsen Kristmar
France	Gaël Andre
Germany	Andreas Boesch (Chair)
Iceland	Guðmundur Birkir Agnarsson
Ireland	Sean Cullen
Netherlands	Ronald Kuilman
Norway	Aksel Voldsund
Sweden	Thomas Hammarklint
United Kingdom	Chris Jones

2. The TWG27 meeting

- Face-to-face meeting in Taunton, UK
- 4-5 February 2025
- 11 delegates from all 10 member states
- 4 invited experts

The agenda included presentations and discussions related to the group's work packages (WP):

- LAT/CD/Reference Systems (WP 16/04, WP 18/01, WP 18/02, WP 22/01)
- Implementation of S-104/S-111 (WP 24/01)
- Data Rescue and Data Archaeology (WP 24/02)

as well as further topics contributed by the participants.

- ✓ The minutes and presentations are available on the [TWG Website](#)

3. Open actions from NSHC related to the TWG

- One action item from NSHC assigned to the TWG:

No/year agenda item	Subject	Decision / Action	Responsible	Time frame	Status
Action 4/2024 C.3	TWG	The Commission tasked the TWG to report to NSICCWG on the progress of S-104 and S-111 implementation coordination. Reference: Decision 6/2023 C.2	TWG Chair	Continuous	

- Several Member States have reported on their progress of S-104 and S-111 implementation at the TWG27 meeting.
- In general, the state of implementation is very heterogeneous across Member States.
- In most countries, the responsible authorities for the products have been identified and timetables have been set. Some countries have started to produce test datasets.

A questionnaire will be conducted in 2025 to collect standardized information from the Member States on the implementation status.

The [report to the NSICCWG on the implementation status of S-104/S-111](#) is available on the TWG webpage.

4. Amendments to the Terms of Reference

See **Annex A of the Report** for the complete Terms of Reference.

The TWG proposes to add the following to the TOR as point 3.a.4

[The TWG should: ...]

invite meteorological, oceanographic and geodetic experts to the working group as contributors as appropriate.

[...]

5. Amendments to Work Plan and List of Actions

See **Annex B of the Report** for the complete Work Plan and List of Actions with the following proposed amendments:

Work Plan:

- Editorial changes to the Status of WP16/04

Actions:

- New action item AP27/01:
Collect information on how LAT/CD surfaces are calculated by the HOs and make it available to the group
- New action item AP27/02:
Conduct questionnaire on implementation status of S-104/S-111
- The action points AP22/02, AP22/03, AP23/02, AP25/01 (all related to the comparison of LAT/CD surfaces) are replaced with one new item, AP27/03:
Investigate the differences of national LAT/CD surfaces at all MS borders using the norm “50% max TVU (S-44 Order 1a)” and at the overlapping parts of the surfaces.
- The Status of AP26/1 is changed to Permanent.

6. Actions for the NSHC 38th Conference

The NSHC is invited to:

1. note the report
2. endorse the answer given from the TWG on the NSHC37 Action
3. endorse the amendments to the TOR
4. endorse the amendments to the Work Plan and List of Actions
5. give further guidance to TWG, as seen appropriate