

5.1.6 Product Specification for Surface Currents

Doc: HSSC4-05.1F New Work Item Proposal for the establishment of a Surface Current Product Specification (S-10y) - to be used as a stand-alone product or fully integrated within other S-100 based products (Canada)

Canada outlined the proposal for an S-100 compliant product specification for surface currents for navigation data. The product was intended to be used as an auxiliary data layer for use with an S-101 ENC. Surface currents would be represented as a gridded coverage with value representing the orientation and intensity (direction and speed of the current) at each vertex point of a grid coverage. Saudi Arabia supported Canada's initiative, considering that surface currents were an important requirement for safe navigation. USA noted that this was an interesting proposal but had some questions that would need to be considered. Canada agreed that a more detailed study would be required, with the assistance of TSMAD, if HSSC would support the proposal. USA proposed the formation of a separate working group to address the issue. Noting further comments from Australia, France, Netherlands and Thailand, HSSC Chair invited Canada and USA to prepare draft terms of reference (ToR) and report back to the Committee.

Following some minor edits the ToR developed by the breakout group were approved by the HSSC.

Outcome:

- The Committee noted the paper (HSSC4-05.1F).
- The Committee established a working group for developing a surface current product specification, with terms of reference as in Annex F.
- **Action HSSC4/13: IHB** to invite Member States to consider participating in the working group on surface current product specifications and inform Canada not later than end of 2012.