Report from S-100WG1

By Eivind Mong

Meeting took place March 14-18 in Tokyo, Japan. It was hosted by the Japan Hydrographic and Oceanographic Department, of the Japanese Coast Guard. More than 50 participants attended the meeting. The outcome highlights from the meeting a listed in bullet form below. The full meeting minutes are available at the IHO website at <http://iho.int/mtg_docs/com_wg/S-100WG/S-100WG1/S-100WG1andS-101PT_Minutes.docx>.

* I presented report from relevant IALA activities and the report was appreciated by the chair. Paper can be found at <http://iho.int/mtg_docs/com_wg/S-100WG/S-100WG1/S100WG01-6.1A_IALA_Report.pdf>.
* S-100WG is awaiting MRN adoption by IALA and will recommend the same schema be used by S-100 based product spec.
* Presentation by Norwegian Costal Administration on ECDIS portrayal of light sectors was appreciated and gained support in that S-101 needed to consider the lessons learned from S-57 ECDIS and avoid the same mistakes. A breakout group was formed and came back with a proposal to include cartographic attributes to better control the portrayal of sectors for lights and radar transponder beacons in S-100 ECDIS.
* A new version of S-100 (3.0.0) was agreed upon, aiming to have it ready for HSSC8 in November 2016. The changes include among others revisions to metadata part, imagery/gridded data part, and feature catalogue part, as well as the addition of HDF5 encoding and SVG profile.
* Development work and testing work continue on the IHO Registry. A new user interface is under development, and team is working to add additional registers.
* S-100 test bed is progressing. Working is being done by Korean Hydrographic Office and US Navy SPAWAR on developing S-100 viewers.
* Work has begun on the development of an ECDIS interoperability specification, which aims at creating a framework for how various data products would work together in an ECDIS.