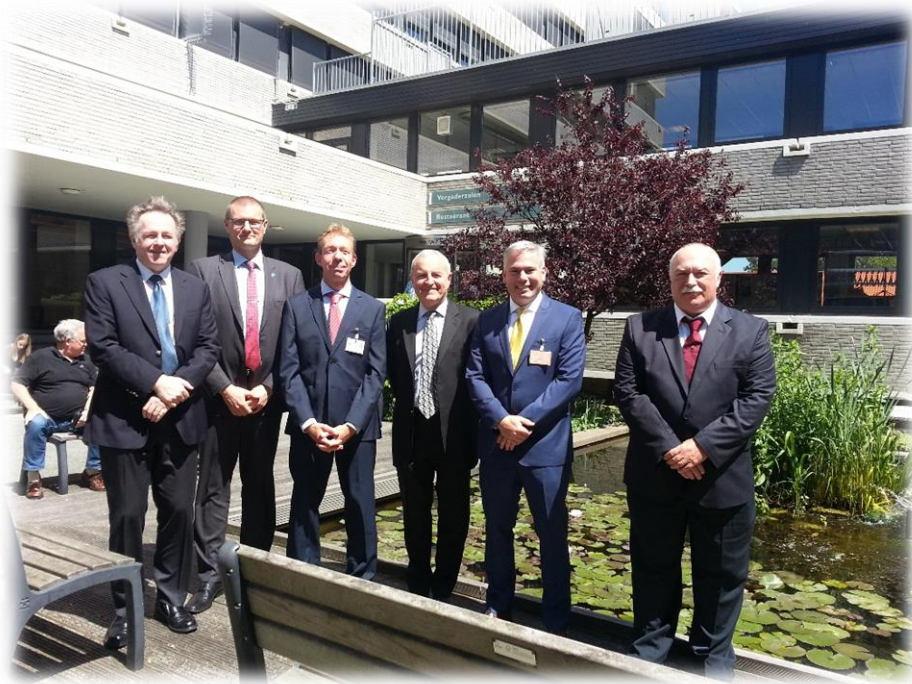


## 12<sup>th</sup> Meeting of the Data Quality Working Group The Hague, Netherlands, 13 – 15 June

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The 12<sup>th</sup> meeting of the IHO Data Quality Working Group (DQWG) was hosted by the Hydrographic Service of the Royal Netherlands Navy from 13 to 15 June 2017 in The Hague,

The meeting was chaired by Mr Antti Cástren (Finland). Five delegates from four Member States (Australia, Finland, Netherlands and USA) attended the meeting. Assistant Director Yves Guillam represented the IHO Secretariat.



### Participants in the DQWG-12 meeting, The Hague, Netherlands

The meeting started with a comprehensive review of the work items of the DQWG programme of work and of the list of new proposals received prior to the meeting. This was undertaken in order to review the requirements being placed upon the DQWG by the Hydrographic Services and Standards Committee (HSSC) to which the DQWG reports. As a result of the review, it was obvious that there were expectations from other groups to obtain support from the DQWG on data quality and guidance on the harmonization of data quality aspects for all S-100 based product specifications. Subsequently, the participants agreed that the DQWG Terms of Reference (ToRs) should be reconsidered to better address the continuing and evolving role of the DQWG and to reinvigorate its membership. Draft revised ToRs were prepared and will be submitted to HSSC for its consideration.

The US representative presented the standards and rules that are applied in NOAA's current CATZOC<sup>1</sup> project that aims to incorporate CATZOC values in about 1,220 ENCs. In order to assist all ENC producers in the harmonized use of CATZOC values, and therefore improve their common understanding by mariners, it was proposed that best national practices should be shared and the development of appropriate guidance could be considered subsequently. All participants agreed that

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<sup>1</sup> Category of Zone of Confidence.

such a mechanism would ensure a smoother transition plan when the convertor from S-57 to S-101 ENC becomes operational, at least for its data quality component.

The provision of materials to support the education of mariners on the quality of bathymetric data is one of the work items assigned to the DQWG. A draft proposal for a new IHO publication, *S-67 – Mariners' Guide to Accuracy of ENCs*, was submitted by Australia. This was well received and reviewed by the DQWG with the intention to submit the draft to HSSC for endorsement.

Following a request made by the S-100 Working Group, a preliminary comparison of the data quality components within the ISO geospatial standards, the INSPIRE<sup>2</sup> Directive and the IHO S-100 – *Universal Hydrographic Data Model* - was presented by the Netherlands representative. Some further work still needs to be done to ensure a full comparison with the S-100 framework.

Some other important remaining tasks were identified including the finalization of several draft versions of texts (data quality model, decision tree for the allocation of quality values to bathymetric data) to be included in S-100 and in existing sections of the S-101 Data Classification and Encoding Guide (DCEG) and the clarification of the use of the attribute *Quality of Horizontal Measurement*.

Assuming that the continuation of the activities of the DQWG will be approved at the next meeting of the HSSC in November, the next meeting of the DQWG is scheduled to take place from 15 to 19 January 2018 in Monaco. This will enable the DQWG to provide other HSSC groups with outcomes prior to their meetings planned in April 2018. It is proposed that the next meeting includes a two-day workshop to progress several technical tasks, such as the DCEG.

During the meeting, the Chair informed the participants that he had been assigned to a new position and was therefore unable to stand for re-election as Chair. Mr Rogier Broekman (Netherlands) was elected as Chair of the DQWG. Mr Sean Legeer (USA) was re-elected as Vice-Chair. Mr Mike Prince (Australia) accepted to act as Secretary.

Further information concerning the meeting is available on the IHO web site at [www.iho.int](http://www.iho.int) > Committees & WG > DQWG > DQWG-12.

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<sup>2</sup> Infrastructure for Spatial Information in Europe.