



Royal Netherlands Navy

# NL / DQWG Report

## CSBWG9

Royal Netherlands Navy

Rogier Broekman

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## NL Sea territory

- Dutch sector in the North Sea
- Neighbouring Member States: Belgium, UK, Germany
- 90 % of TS and EEZ have full Multibeam coverage at CATZOC = A1
- Dynamic seabed of sandwaves, re-survey required and done
- Approaches to port of Antwerp (BE), Rotterdam, Amsterdam, Eemshaven and Delfzijl. (maintained depth)
  
- 6 islands in Caribbean Sea: Curaçao, Aruba, Bonaire, St-Maarten, Saba, St-Eustacius
- Large area with CATZOC = B or C
- Ports visited by cruise line industry (CATZOC = A1)
- Relative deep water > 200m, no hazard to surface navigation



## Online bathymetry availability

North Sea:

- <https://inspire/caris.nl/viewer>

Caribbean:

- Most recent survey results are still being processed (acquired 2019)
- Will be made available to the DCDB
- RNLN regional supply ship will be fitted with a deep-sea echosounder.
- Unit will be used as in a sort of CSB-role while transiting through the area.



## DQWG15 meeting

- Monaco, 4-7 February 2020
- Participants
  - 12 delegates from 10 IHO Member States
  - 2 representatives of the RENCs (IC-ENC, PRIMAR)
  - 4 expert contributors (ESRI, SevenCs, Teledyne-CARIS, University of New Hampshire)
  - 2 stakeholders (CSMART, INTERTANKO)
  - IHO Secretariat and Technical Standards Support Officer



## CSB related items

- CSB presentation of Sea-ID (by Andrew Schofield)
- Modelling the quality of bathymetric data in S-101 ENCs
- Use cases highlighted the critical role of these components for route planning and route monitoring for mariners.
- Principles for using data quality indicators were tested in some scenarios and reported by Italy, Finland and Norway
- Potential of data quality indicators for improving safe navigation but also highlighted the complex situations in some coastal areas
- HOs will have to face new challenges when encoding some data, in particular when they are provided by different sources
- Final advice given to S-101PT (ref HSSC12-05.5B and 05C)



End

