



# Nautical Cartography Working Group

## **S-101 Portrayal Missing symbols**

**NCWG5-09.1A**

NCWG5, Stockholm, Sweden, 5 - 8 November 2019



- S-101 will include the portrayal specifications for presentation of S-101 ENC on ECDIS
  - S-57 ENCs have their presentation rules defined in S-52
- Most features will have their S-52 portrayal taken into S-101 as is
- However, in S-101 there exists new features and significantly remodeled features, that have no clear direct S-52 equivalent entry
- NCWG2 agreed to assist S101PT in identifying features that require symbols, and later to propose them



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## PROGRESS SO FAR

International  
Hydrographic  
Organization

- Initial review was done by C Harmon and J Wootton to slim down the list received from S100WG
  - This review indicated that majority of the features will not need completely new symbol, but existing symbol may be utilized
- It was agreed that the list of possible features requiring new symbols to be worked on by volunteers in order to identify the final recommendations for new symbols
- During the preparation of the list for the volunteers it was noted, that input list had become out of date
  - Chair halted further progress and asked S101PT to provide an updated input

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## STATUS NOW

International  
Hydrographic  
Organization

- S101PT provided updated list of new and remodeled in September 2019
- List contains
  - 36 new features (including existing features with new allowed geometric primitives)
  - ~ 400 new feature-attribute and feature-attribute-enumerate value combinations



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## **NEXT STEPS**

International  
Hydrographic  
Organization

- Slimming down the list provided by S101PT (FI)
- Preliminary analysis of the required symbols (FI)
- Analysis and drafting recommendations (FI, IT, TR, DE, US-NOAA, US-NGA)
- Review by NCWG
- Delivering the recommendations to S101PT (May 2020)

