

Paper for Consideration by SCUFN

Report and Proposals from the Generic Term Sub Group on a general strategy and possible guidelines defining the optimal horizontal resolution between UFN - Follow-up SCUFN32/184

Submitted by:	SCUFN Generic Terms Sub Group (Yasuhiko Ohara, Hyun-Chul Han, Trent Palmer, Roberta Ivaldi, and Kevin Mackay)
Executive Summary:	This report modifies the former report (SCUFN32-06.1B), following the GGC36 recommendation.
Related Documents:	SCUFN32-06.1B
Related Projects:	Long-lasting issue on how to deal with minor undersea features (see Actions SCUFN31/08, SCUFN30/106, SCUFN30/113)

Introduction/Background

1. Based on the discussion on the document SCUFN32-06.1B, the Secretary recommended that the GEBCO Guiding Committee (GGC) should provide guidance to the sub-committee on this subject if possible. The SCUFN Chair reported this issue at the GGC36, and asked some guidance on this.

Analysis/Discussion

2. Recommendation from the GGC36 meeting was “SCUFN deals with a feature shown at the GEBCO gridded bathymetric map between 60 S and 60 N and in the IBCSO and IBCAO maps below respective above these latitudes. Features not showing at these gridded bathymetric maps, it should be an important landmark of science or hydrography”.

Recommendations

3. Following the recommendation from the GGC36 meeting, we propose the following guideline defining the areal size of an undersea feature that is eligible for naming: *“The areal size of an undersea feature should generally be identified on the GEBCO gridded bathymetric map between 60 S and 60 N and in the IBCSO and IBCAO maps below respective above these latitudes. Features not shown at these gridded bathymetric maps, it should be an important landmark of science or hydrography”.*

Justification and Impacts

4. Implementation of this guideline could impact the SCUFN ToR 1.2. Currently, it reads “It is the function of the Sub-Committee to select those names appropriate for use on GEBCO graphical and digital products, on the IHO small-scale

INTernational chart series, and on the IOC regional international Bathymetric Chart series”.

The Generic Terms Sub Group recommends not to modify the current SCUFN ToR 1.2, since the resolutions of “the GEBCO gridded bathymetric map between 60 S and 60 N and the IBCSO and IBCAO maps below respective above these latitudes”, and “the GEBCO graphical and digital products, the IHO small-scale INTernational chart series, and on the IOC regional international Bathymetric Chart series” are similar. Rather, this guideline can be implemented in the SCUFN Cookbook, intended for SCUFN internal use.

Action required of SCUFN

5. SCUFN is invited to:
 - a. note this report
 - b. consider the recommendation in sections 3, and the proposal in section 4.