

Paper for consideration by SCUFN

Some Comments and Recommendations for Generic Terms' Cookbook.

Submitted by:	SCUFN Member (Lorena Sampaio)
Executive Summary:	SCUFN35-03.2B Rev1 document required active participation of SCUFN new members in the review of the Draft of Generic Terms' Cookbook which also means a very good opportunity to review the definition of the undersea features.
Related Documents:	SCUFN35-03.2B Rev1.
Related Projects:	N/A

Introduction/Background

1. In order to understand the overall contents of the Generic Terms' cookbook and to ensure objectivity, the review of the draft of the cookbook was conducted with the SCUFN members in academic side (Mike Coffin) and other naming institutes (i.e., ACUF: Advisory Committee on Undersea Features of the U.S. (Trent Palmer).
2. According to SCUFN35-03.2B Rev1 document, All SCUFN members were encouraged to review the contents outlined in its Annex and provide further comments. In particular, new members who will serve as members from 2023 were requested to thoroughly review the generic terms of the Cookbook and actively express their opinions.

Analysis/Discussion

3. The draft of the cookbook was revised preliminary in terms of content and typo. Due to the lack of time, it was not possible to go deeper in each Generic Term definition and aspects.
4. The comments are shown in the Annex. Modifications on the text are highlighted in bold.

Recommendations

5. Encourage new members to review the document continuously.

Justification and Impacts

6. Through this review process, the completed Cookbook is of great help to name the exact terms not only SCUFN members but also to proposers, so it is thought that it will achieve consistency in decision-making.

Actions required of SCUFN

7. Note this paper

Annex

General comments:

- It would be interesting if each generic term indicates a preset geometry (point, line and/or polygon) that better defines the feature
- Page 7: Substitute “maybe” > may be, in : “(...) *One option **maybe** to use the SPUR term for a PROMONTORY and the VALLEY term for SEABIGHT*”
- Although the Cookbook and B6 display the generic Terms SILL, there isn’t any SILL feature in the Gazetteer
- I agree with the revisions made in the document SCUFN35-03.2B Rev1.

Generic Terms comments:

CALDERA

(Cookbook) Comments: CALDERAs are commonly found in volcanic PROVINCEs and also occur within a SEAMOUNT. The definition is only for that part of the feature that is the cauldron-like depression, therefore a CALDERA with one name may occur **on other features as SEAMOUNT or RISE** with a different name. The shape of some CALDERAs is controlled by underlying, regional faulting and resulting in a more rectangular shape rather than being roughly circular.

The modification depends on the SCUFN Action about Apolaki Caldera

ESCARPMENT

(Cookbook) Comments: Can occur at the edge of other features such as CANYONS, TERRACEs and TROUGHs.

GAP

(Cookbook) Length to width ratio: Variable, it can be hard to define extent perpendicular to axis of RIDGE, RISE or other elevation, so is sometimes defined ~~a~~ with a length to width ratio of about 1:1.

HOLE

(Cookbook) Comments: Has to be distinctly deeper ~~that than~~ surrounding seabed. The height of the sides should be greater than 1/10 of the feature width (more than one kilometre deep if 10 kilometres across).

MUD VOLCANO*

(Cookbook) Dimensions: Often less than one square kilometre but in exceptional cases can be greater **than** 20 square kilometres.

PEAK

(Cookbook) Definition: A conical or pointed elevation on a larger feature such as a SEAMOUNT.

(Cookbook) Dimensions: Usually less than 10 square kilometres but in exceptional cases can be greater than 100 square kilometres in area.

(Cookbook) Length to width ratio: Typically, about 1:1, but can be elongate up to 3:1.

Recommendation comment: The length to width ratio do not seem to fit the definition.

RISE

(Cookbook) Similar Features: If the length to width ratio is greater than 3:1 and if sides do not rise gently and smoothly from the surrounding relief consider RIDGE definition.

Also confused with PLATEAU but generally has gently sides.