

Remodelling the SCUFN Undersea Feature Database

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Proposal to the last SCUFN meeting – to remodel the SCUFN undersea feature names database.

SCUFN – have set a Project Team to undertake this work.

The Project Teams main work includes;

To Move / Harmonise the Concepts in the SCUFN portal into the IHO Registry

www.kosbidb2.co.kr:8080/recommend/#

Undersea Feature Generic Terms and Definitions

NOTE: 1) Terms written in capitals in the definitions are themselves defined elsewhere in the list.
2) The plural form of a generic term may be used to represent a closely associated group of features of the same generic type (e.g. Seamounts).
3) Generic terms for features that have a genetic implication are marked with an asterisk (*).

Generic terms and definitions

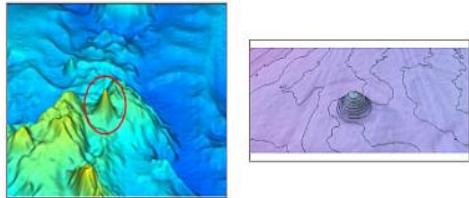
- Abyssal Plain
- Apron
- Bank
- Basin
- Caldera*
- Canyon
- Deep
- Escarpment
- Fan
- Fracture Zone*
- Gap
- Guyot
- Hill
- Hole
- Knoll
- Levee
- Moat
- Mound*
- Mud Volcano*
- Passage
- Peak
- Pinnacle
- Plateau
- Province
- Reef
- Ridge
- Rift*
- Rise
- Saddle
- Salt Dome*
- Sand Ridge*
- Sea Channel
- Seamount
- Seamount Chain
- Shelf
- Shoal
- Sill
- Slope
- Spur
- Terrace
- Trench*
- Trough
- Valley

Generic Term : Knoll

Definition

A distinct elevation with a rounded profile less than 1000m above the surrounding relief as measured from the deepest isobath that surrounds most of the feature.

Images (Total 2)



registry.iho.int/feature/list.do

IHO Geospatial Information Registry

Alpha Code(Acronym): KHOA of ROK
Complex Line Symbol:

HOME INTRODUCTION GI REGISTERS PROPOSAL

FCD Portrayal Product Specification Agency Code

FCD Register

Domain: IHO Hydro Item Type: Feature Type Status: Valid

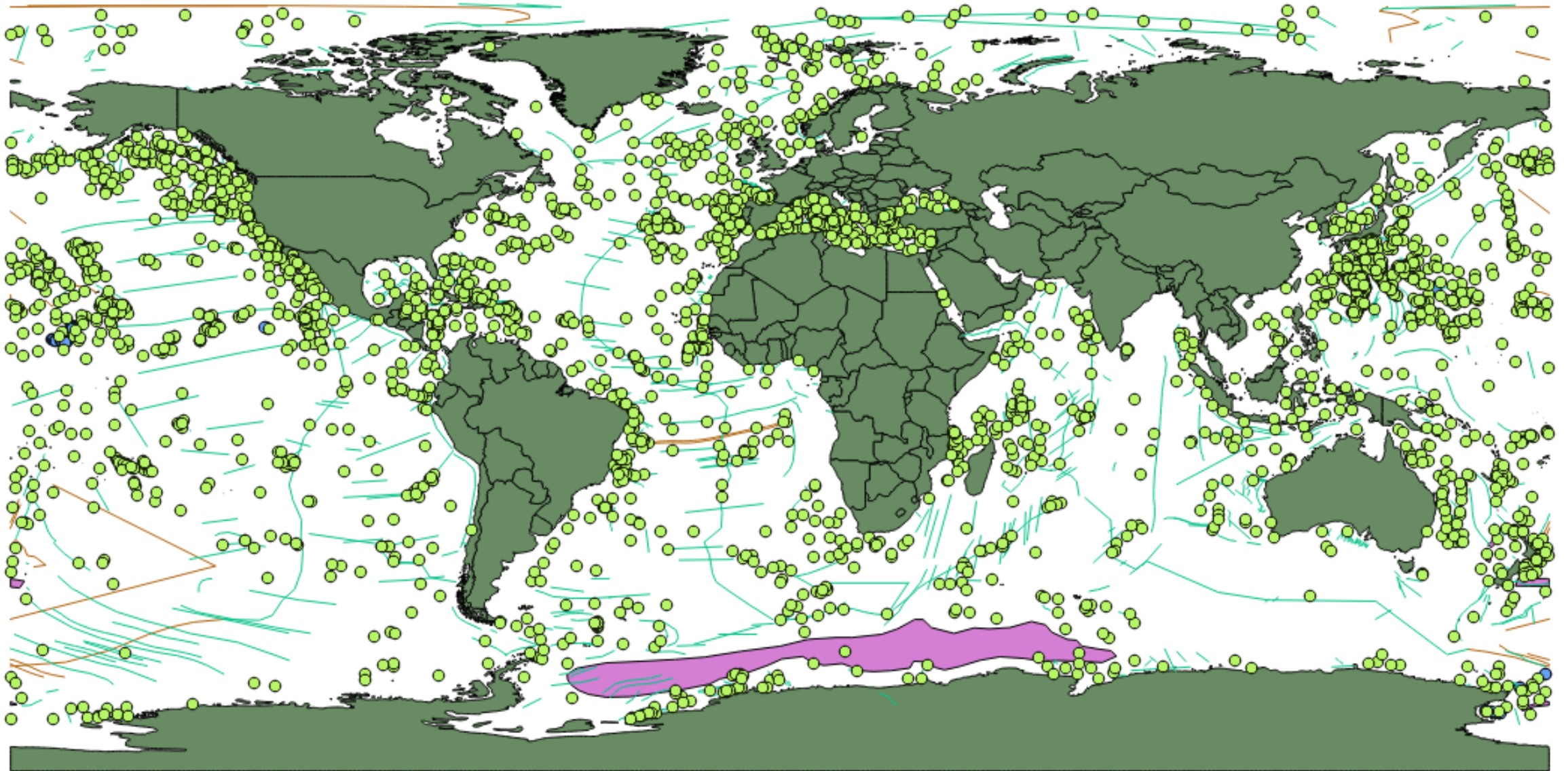
Search: Name

Go to index

All Type : 209 items found

No.	Alpha Code(Acronym)	Camel Case ID	Name	Date Accepted
209		VirtualAISaidToNavigation	Virtual AIS aid to navigation	2016-05-18
208		QualityOfNonBathymetricData	Quality of non-bathymetric data	2016-05-18
207		QualityOfBathymetricData	Quality of Bathymetric Data	2016-05-18
206		SpanFixed	Span fixed	2016-05-18
205		SpanOpening	Span opening	2016-05-18
204		TextPlacement	Text placement	2016-05-18
203		UpdateInformation	Update information	2016-05-18
202		VesselTrafficServiceArea	Vessel traffic service area	2016-05-18
201		PilotageDistrict	Pilotage district	2016-05-18
200		FoulGround	Foul ground	2016-05-18
199		LightFogDetector	Light fog detector	2016-05-18
198		LocalDirectionOfBuoyage	Local direction of buoyage	2016-05-18
197		WindTurbine	Wind turbine	2016-05-18

Improve the Geometries Describing Undersea Features



features-linestring - Fe... ? X

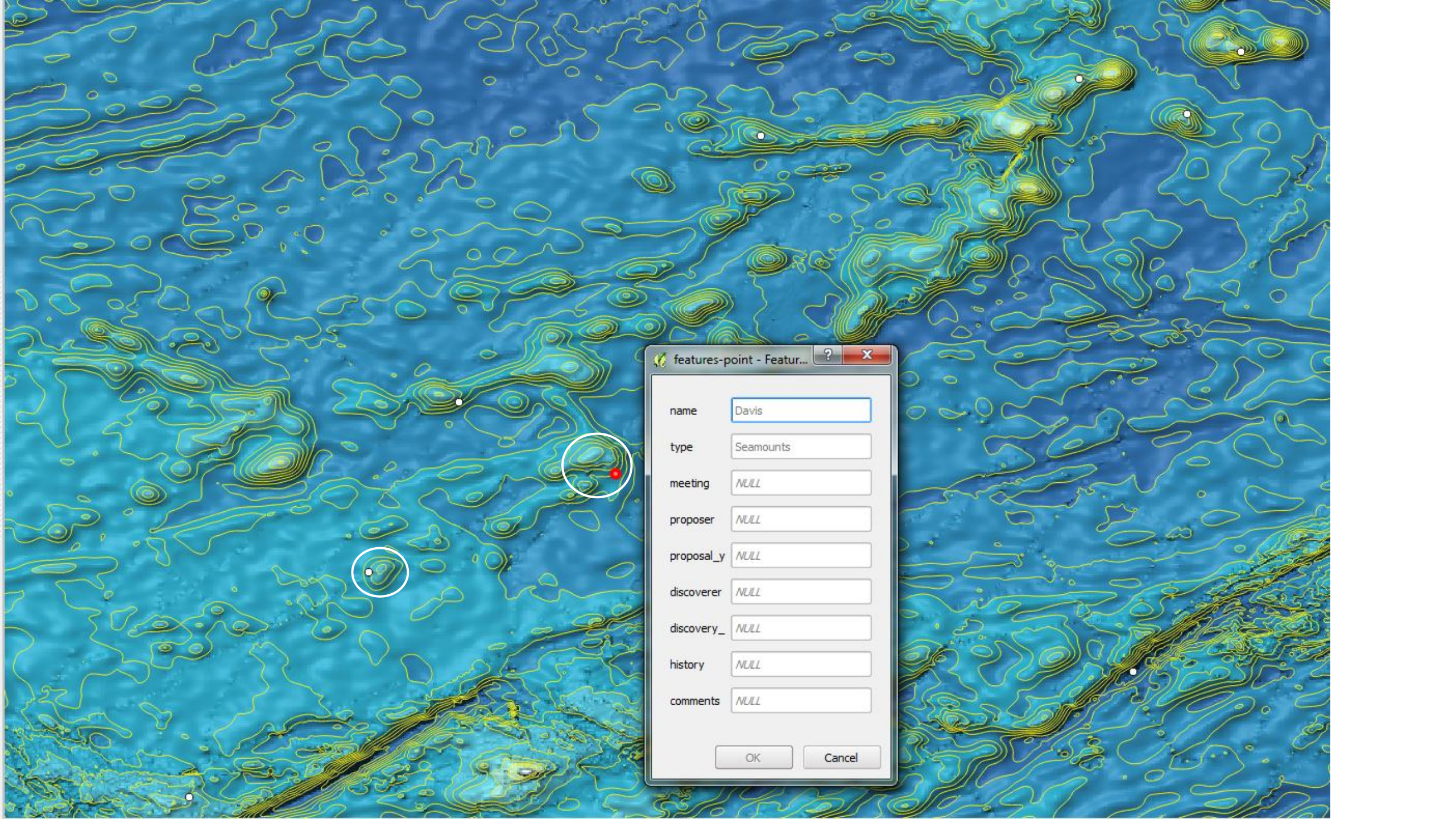
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type	Plateau
meeting	SCUFN-13
proposer	K. Mallory & E. Forder
proposal_y	NULL
discoverer	NULL
discovery_	NULL
history	NULL
comments	NULL

OK Cancel

features-linestring - Fe... ? X

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type	Escarpment
meeting	NULL
proposer	uth African colleagues
proposal_y	NULL
discoverer	rips, 1961-1979, 1981
discovery_	NULL
history	NULL
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OK Cancel

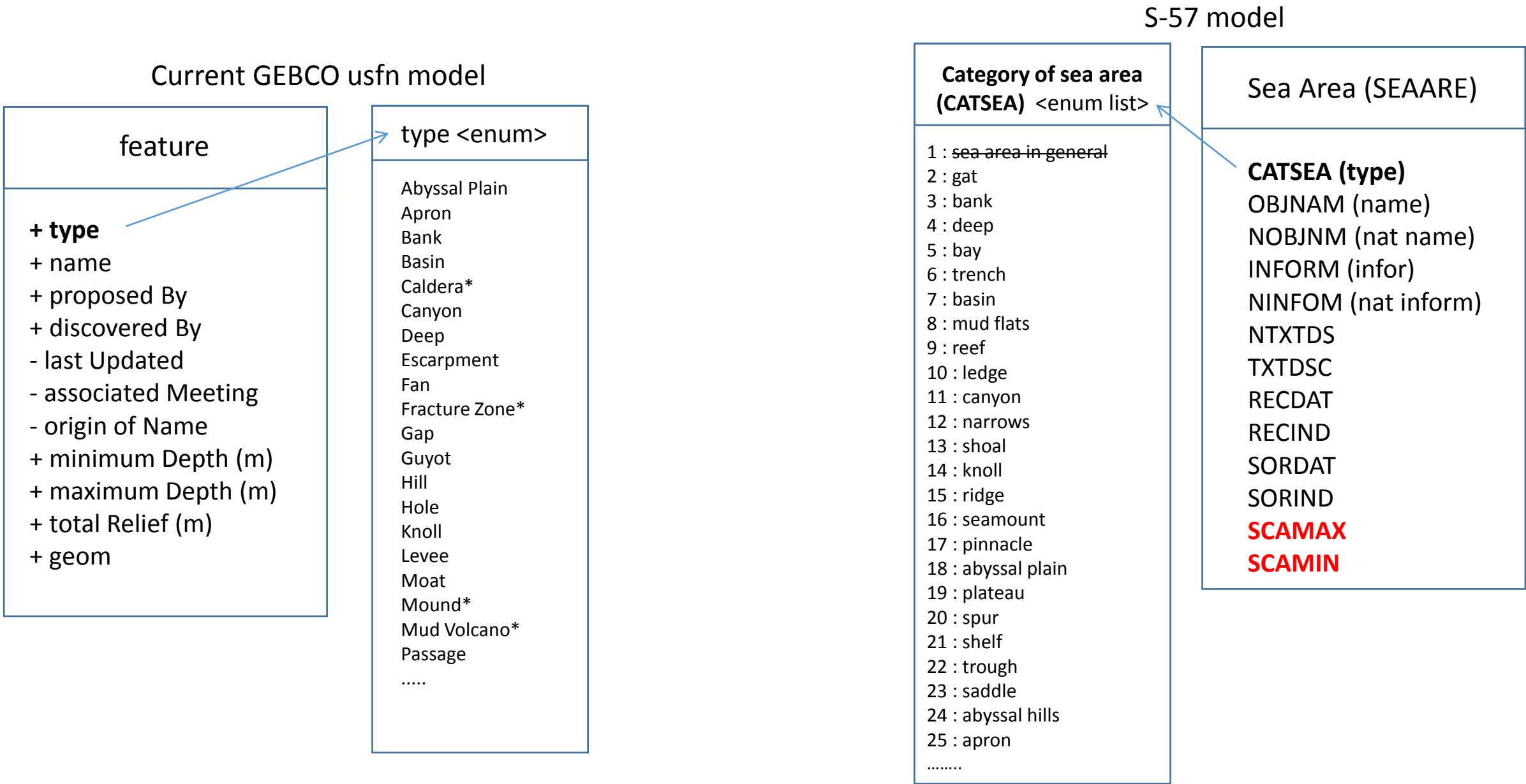


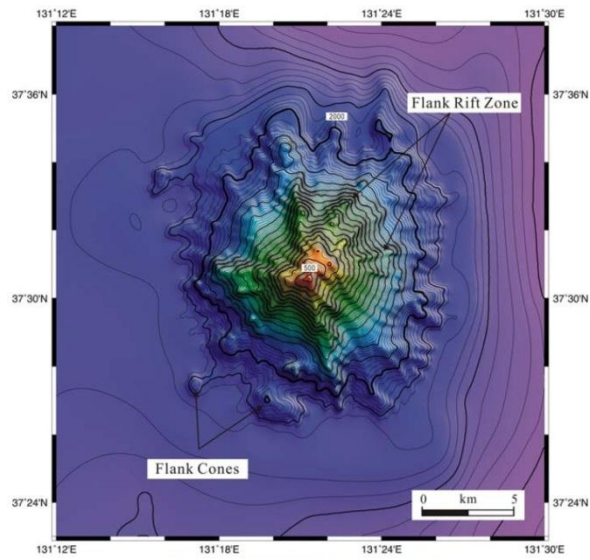
features-point - Featur... ? X

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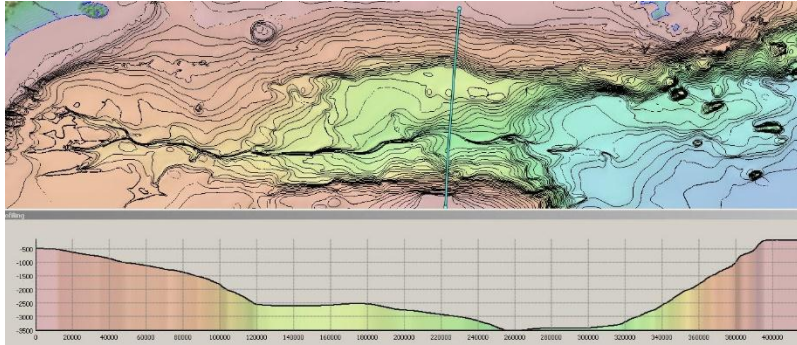
OK Cancel

Proposal to change the data model for GEBCO Undersea Feature Names

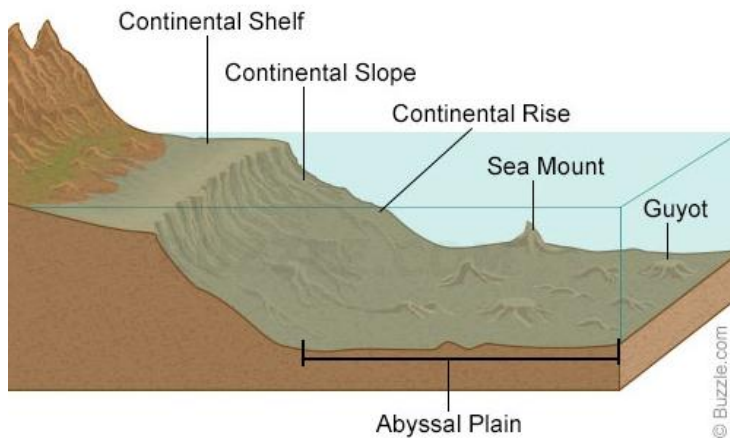




Seamount - A distinct generally equidimensional elevation greater than 1000m above the surrounding relief as measured from the deepest isobath that surrounds most of the feature.



Trough - A long depression generally wide and flat bottomed with symmetrical and parallel sides.



Abyssal Plain - An extensive, flat or gently sloping region, usually found at depths greater than 4000 m.

Thanks