

UNDERSEA FEATURE NAME PROPOSAL
(See IHO-IOC Publication B-6 and **NOTE** overleaf)

Note: The boxes will expand as you fill the form.

Name Proposed:	Haedal Seamounts	Ocean or Sea:	
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Geometry that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
		Yes	Yes			

* Geometry should be clearly distinguished when providing the coordinates below.

	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Point Coordinates:	67°11.22'S	173°01.92'E
	67°07.87'S	172°50.71'E
Polygon Coordinates:	67°00.04'S	172°43.74'E
	67°06.48'S	172°52.95'E
	67°06.66'S	173°03.82'E
	67°09.36'S	173°10.02'E
	67°13.83'S	173°04.07'E
	67°14.14'S	172°52.95'E
	67°10.54'S	172°41.94'E
	67°05.69'S	172°36.16'E
	67°00.84'S	172°34.15'E
	67°00.04'S	172°43.74'E

Feature Description:	Maximum Depth:	3,200 m	Steepness :	5 - 25 °
	Minimum Depth :	1,500 m	Shape :	Dome
	Total Relief :	1,700 m	Dimension/Size :	10 km x 32 km

Associated Features:	Seorak Seamount, Satgat Seamount, Akopov Seamounts
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	INT 900

Reason for Choice of Name (if a person, state how associated with the feature to be named):	The shape of the seamounts is similar to that of the sea otter. 'Haedal Seamounts' are therefore named after the Korean word of sea otter, 'Haedal'.
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Discovery Facts:	Discovery Date:	27 December 2016
	Discoverer (Individual, Ship):	Icebreaker RV ARAON

Supporting Survey Data, including Track Controls:	Date of Survey:	27 December 2016 / 21 February 2017
	Survey Ship:	Icebreaker RV ARAON
	Sounding Equipment:	EM122
	Type of Navigation:	Seapath 200 RTK
	Estimated Horizontal Accuracy (nm):	0.0027 nm*
	Survey Track Spacing:	1.8 - 3.7 km
	Supporting material can be submitted as Annex in analog or digital form.	

*Vertical and horizontal accuracy based on RMS accuracy of sonar systems, and after estimates in Dowdeswell et al. (2010).

Proposer(s):	Name(s):	Korea Committee on Geographical Names (KCGN), Republic of Korea
	Date:	23 August 2018
	E-mail:	infokhoa@korea.kr
	Organization and Address:	351, Haeyang-ro, Yeongdo-gu, Busan, Republic of Korea
	Concurrer (name, e-mail, organization and address):	

Remarks:	
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NOTE: This form should be forwarded, when completed:

- a) **If the undersea feature is located inside the external limit of the territorial sea:**
- to your "National Authority for Approval of Undersea Feature Names" (see Publication B-6) or, if this does not exist or is not known, either to the IHO or to the IOC (see addresses below);
- b) **If at least 50 % of the undersea feature is located outside the external limits of the territorial sea:**
- to the IHO or to the IOC, at the following addresses :

International Hydrographic Organization (IHO) 4b, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@iho.int Web: www.iho.int	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org Web: http://ioc-unesco.org/
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Haedal Seamounds

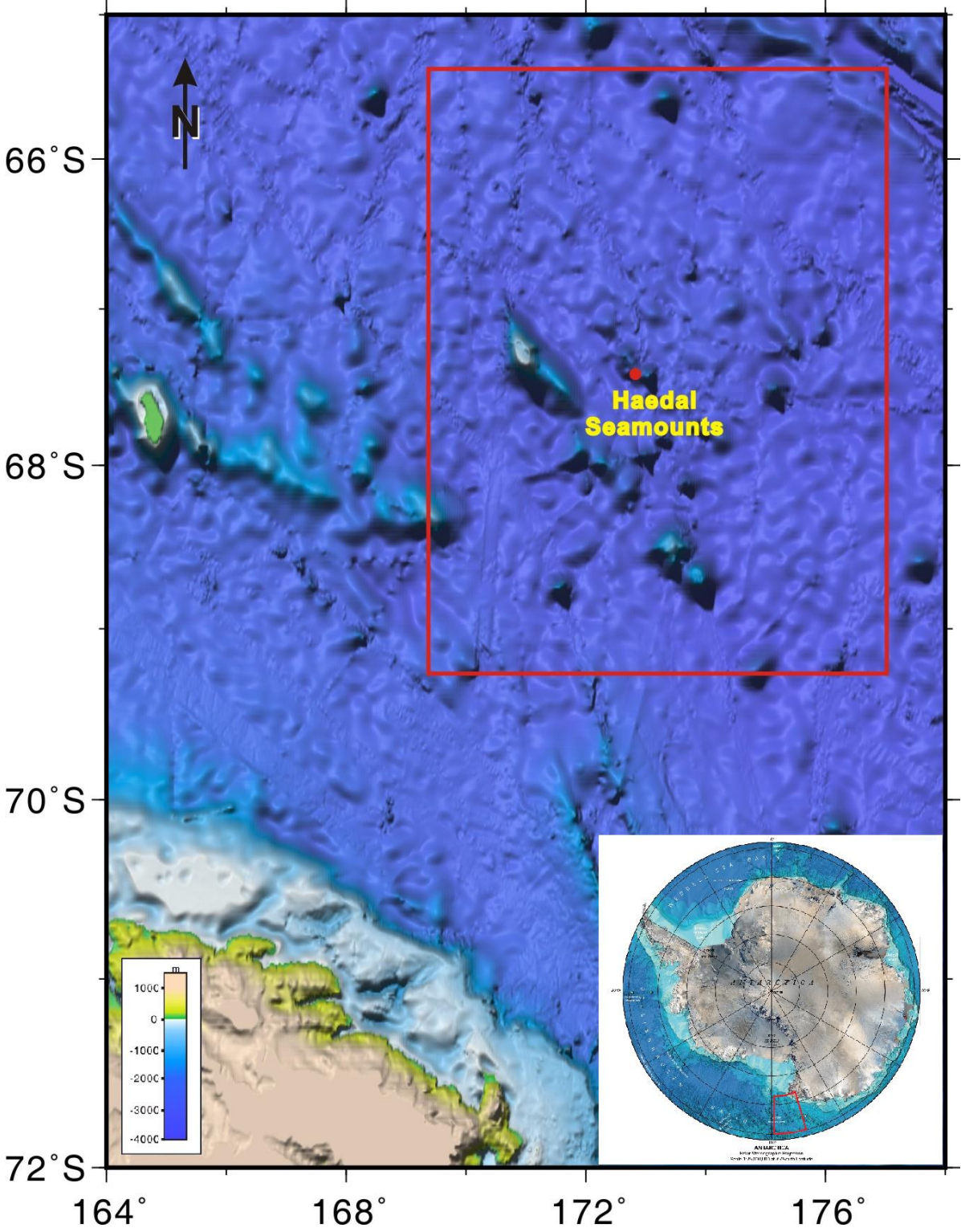


Fig.1. Index map for Haedal Seamounds

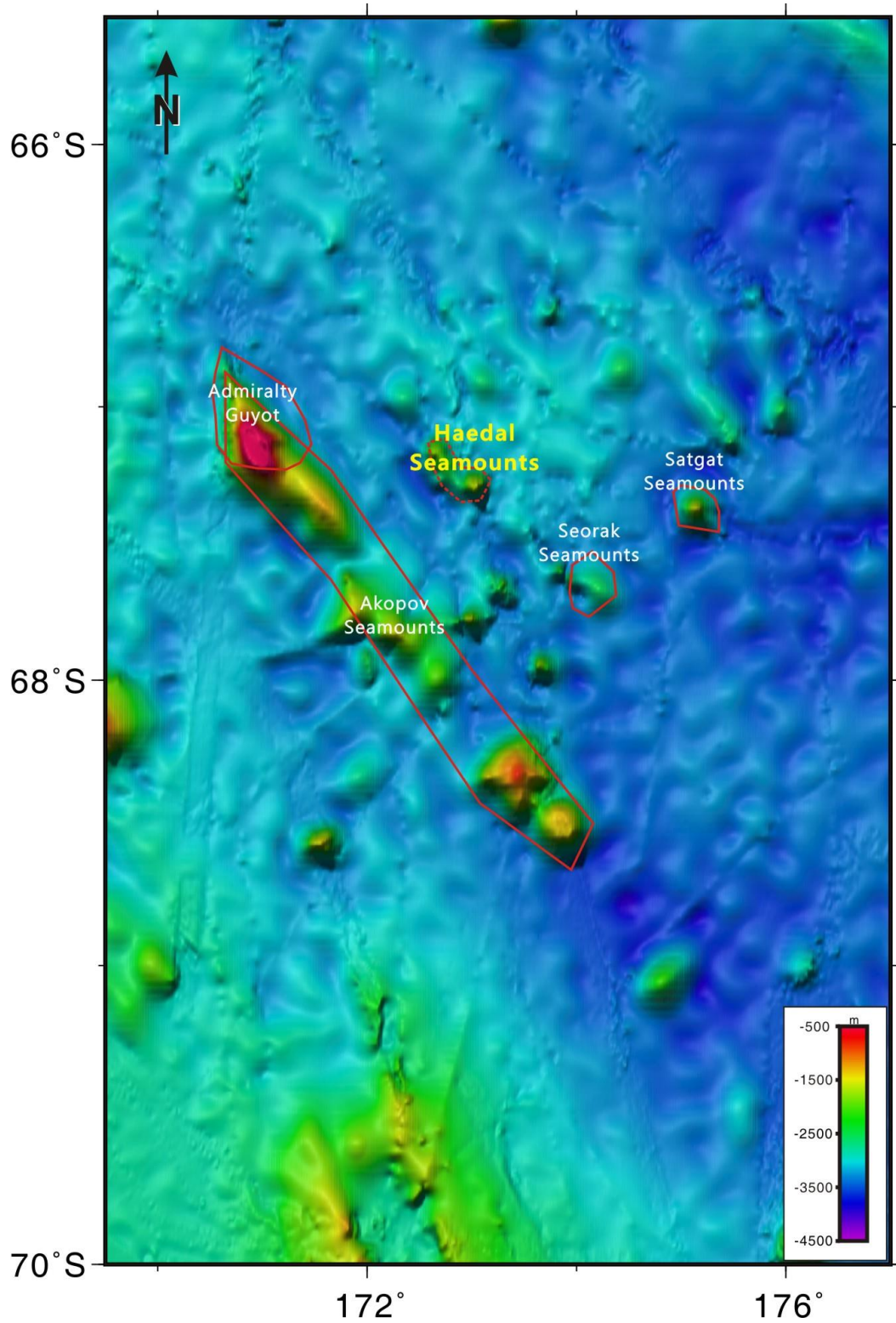


Fig.2. Regional bathymetry map with nearby undersea feature names on GEBCO B-8

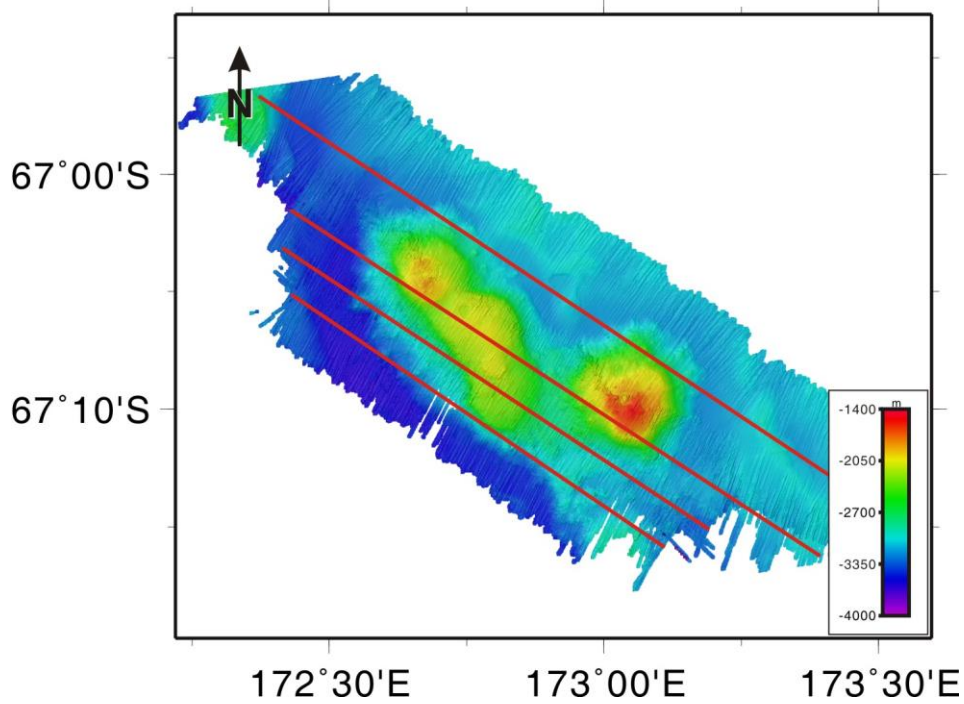


Fig.3. Track line and swath in survey area

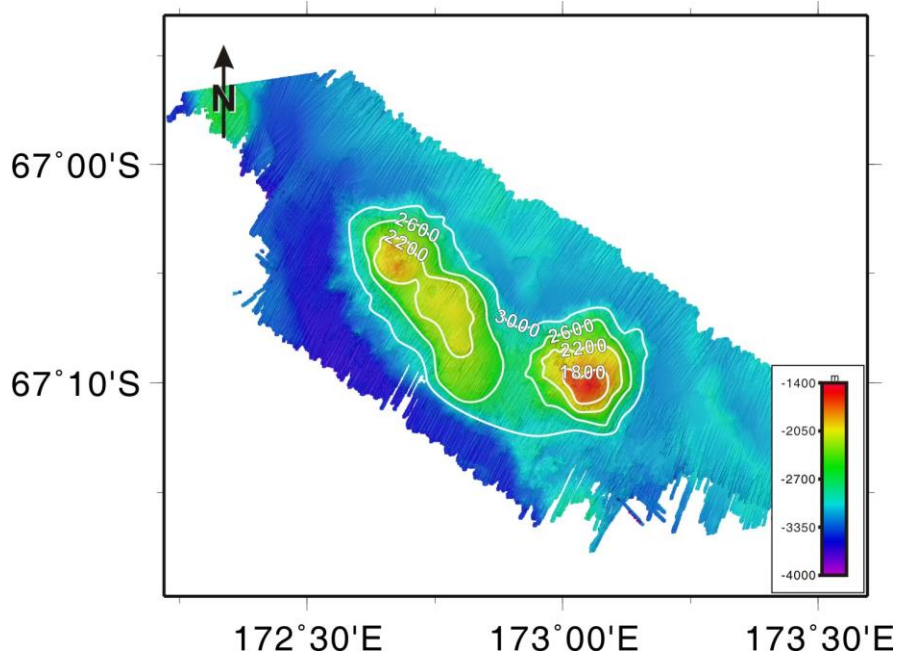


Fig.4. 2-D Bathymetric contour map of Haedal Seamounts
Contour interval = 400 meters

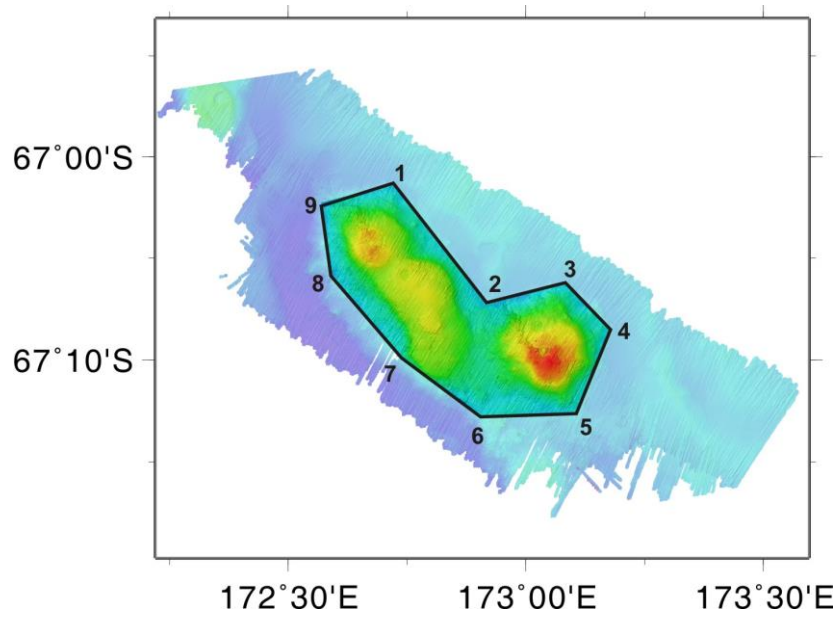


Fig.5. Polygon boundary of Haedal Seamounts

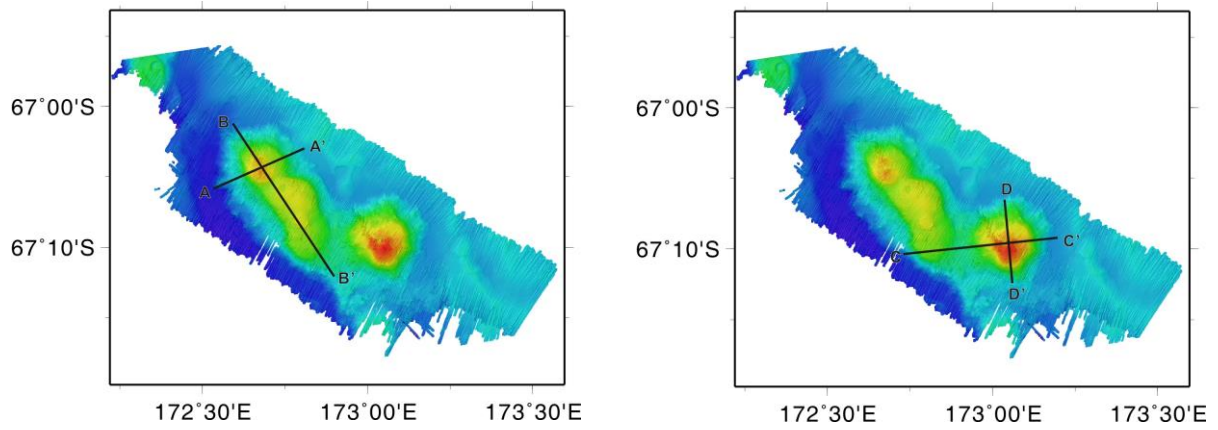


Fig.6. Locations of profiles across Haedal Seamounts

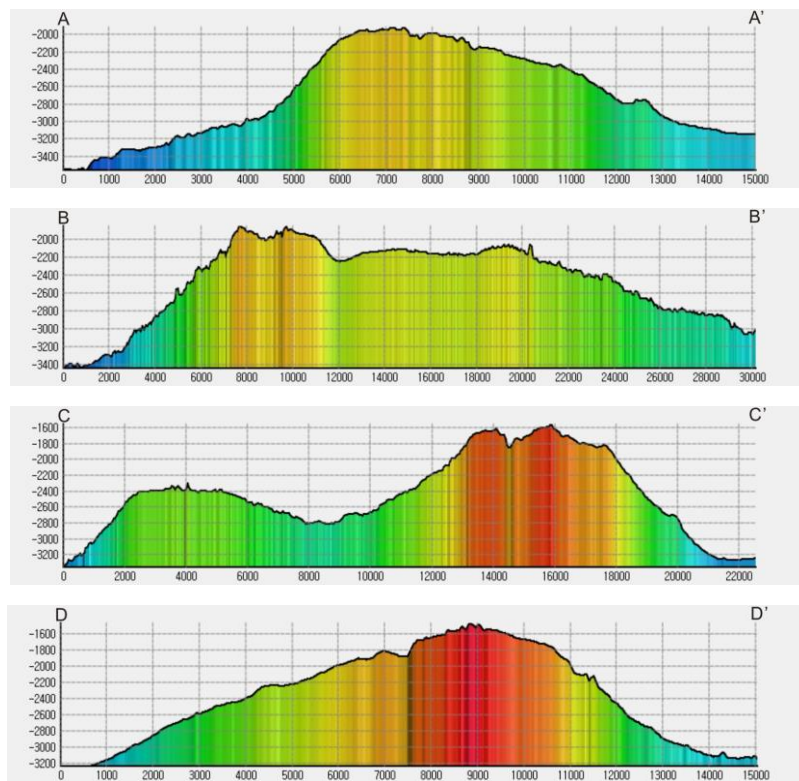


Fig.6a. Profiles across Haedal Seamounts

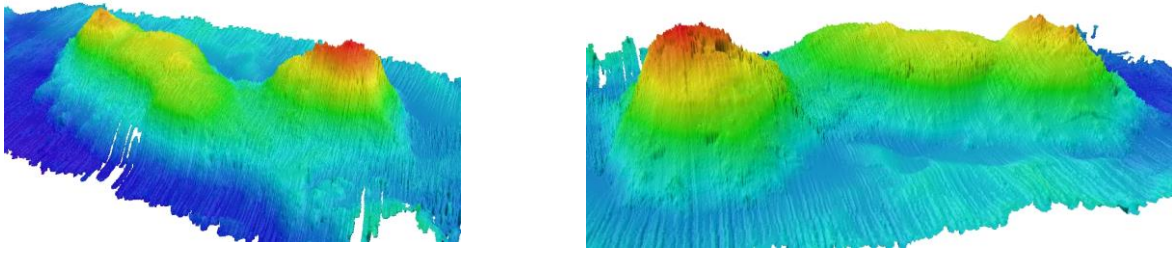


Fig.7. Side view of Haedal Seamounts



Fig.8. Image of sea otter ('Haedal' in Korean)