

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

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

Name Proposed:	Dalpaengi Knoll	Ocean or Sea:	Southern Ocean
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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.	Long.
Point Coordinate:	60°32.90'S	176°43.60'W
Polygon Coordinates:	60°31.40'S	176°43.93'W
	60°31.89'S	176°41.95'W
	60°33.27'S	176°41.09'W
	60°34.12'S	176°42.41'W
	60°34.17'S	176°45.05'W
	60°33.09'S	176°46.66'W
	60°31.70'S	176°45.31'W

Feature Description:	Maximum Depth:	4,200 m	Steepness :	5 ~ 18°
	Minimum Depth :	3,600 m	Shape :	Round shape
	Total Relief :	600 m	Dimension/Size :	5 km x 5 km*

Associated Features:	
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Dalpaengi is the Korean word for “snail”. The profile of the knoll from the side is similar to that of the shell of a “Dalpaengi,” or land snail.
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Discovery Facts:	Discovery Date:	2012-12-03
	Discoverer (Individual, Ship):	ARAON

Supporting Survey Data, including Track Controls:	Date of Survey:	2012-12-03
	Survey Ship:	IBRV ARAON
	Sounding Equipment:	EM122
	Type of Navigation:	Autopilot
	Estimated Horizontal Accuracy (nm):	5 m *
	Survey Track Spacing:	None
	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:	September 1, 2015
	E-mail:	infokhoa@korea.kr
	Organization and Address:	351, Haeyang-ro, Yeongdo-gu, Busan, Republic of Korea
	Concurren (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 page 2-9) or, if this does not exist or is not known, either to the IHB 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 IHB or to the IOC, at the following addresses :

International Hydrographic Bureau (IHB) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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Dalpaengi Knoll

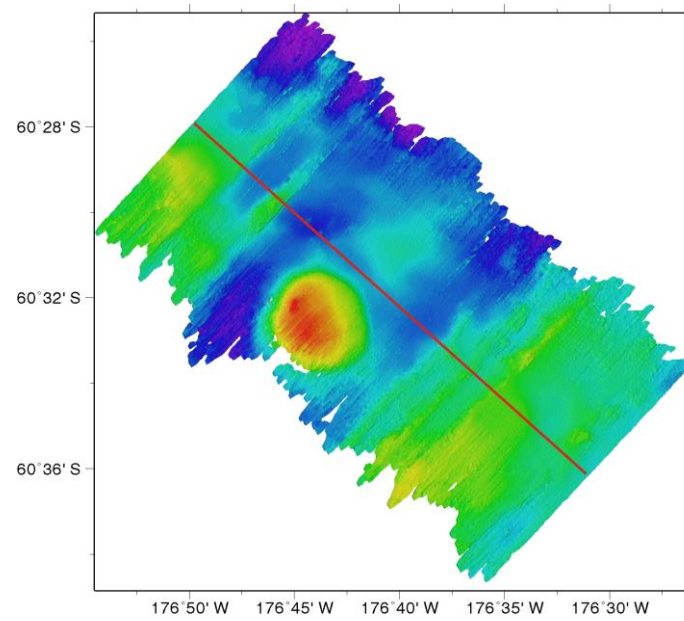


Fig.1. Track lines in survey area.

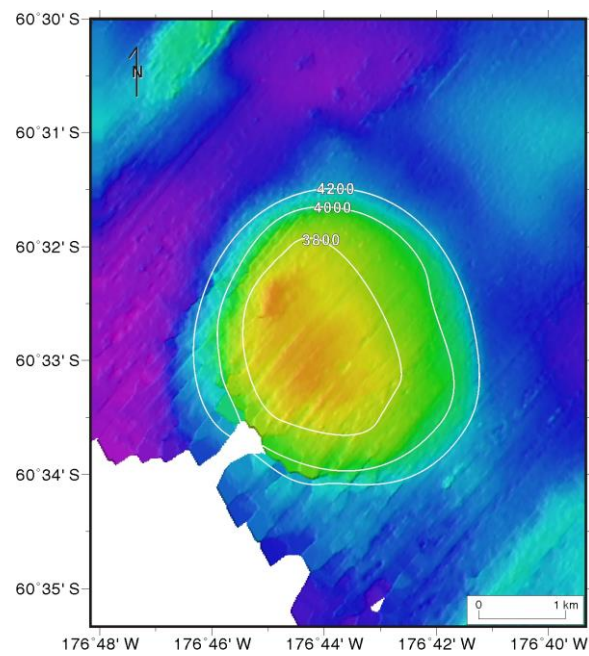


Fig.2. 2-D Bathymetric contour map of Dalpaengi Knoll

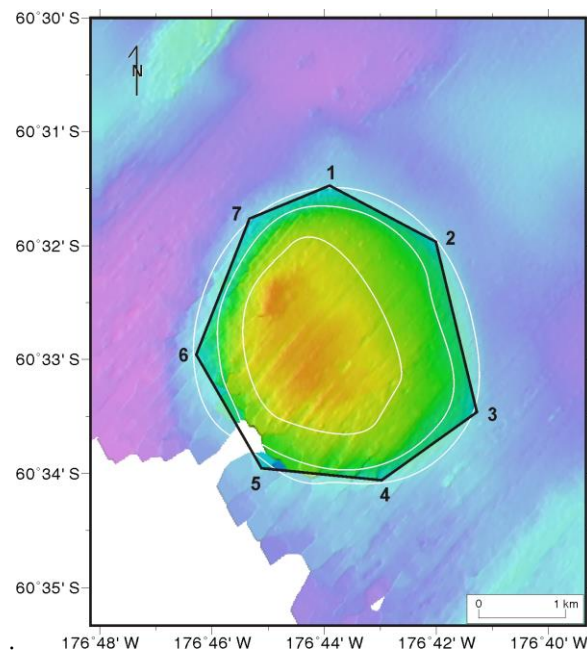


Fig.3. Polygon boundary of Dalpaengi Knoll.

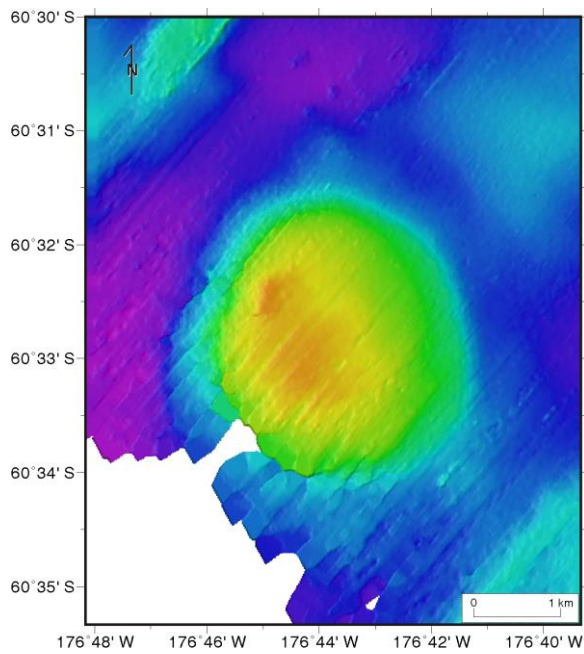


Fig.4. 2-D topography of Dalpaengi Knoll.

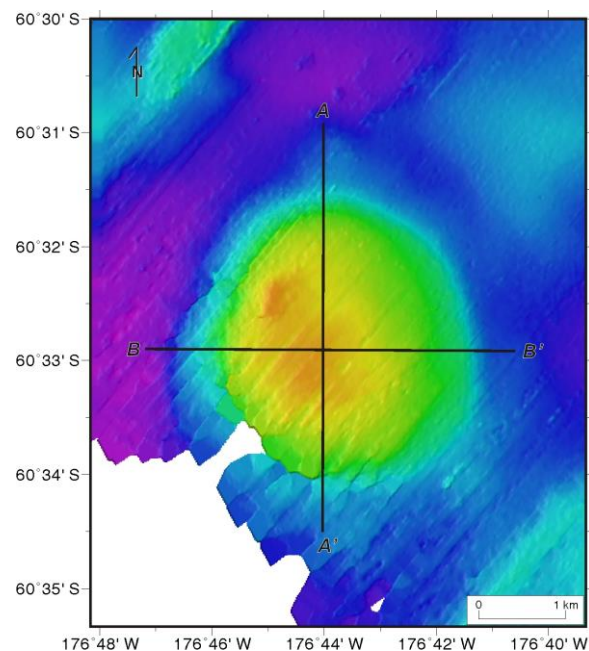


Fig.5. Location of profiles across Dalpaengi Knoll

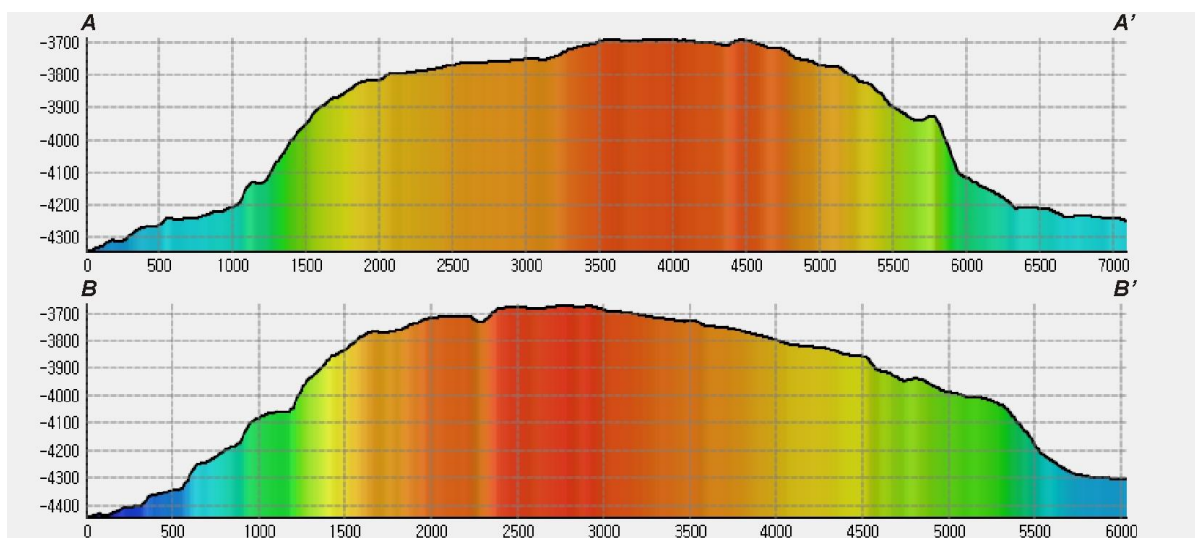


Fig.5a: Profiles across Dalpaengi Knoll.

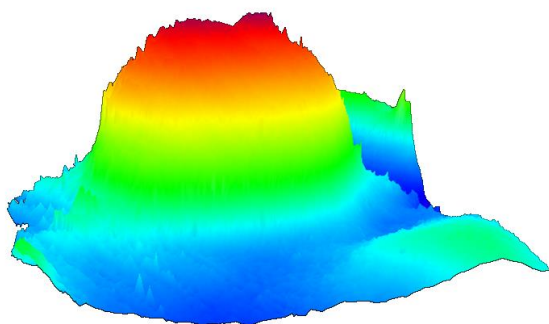


Fig.6. Side view of Dalpaengi Knoll



Fig.7. Dalpaengi (Korean word for snail)