

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:	Dolgae Hill		
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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**:	66°54.74'S	172°19.06'E
Polygon Coordinates**:	66°48.50'S	172°19.02'E
	66°49.77'S	172°22.78'E
	66°50.34'S	172°27.24'E
	66°52.28'S	172°26.83'E
	66°53.34'S	172°27.02'E
	66°54.23'S	172°25.33'E
	66°56.00'S	172°24.28'E
	66°56.80'S	172°19.79'E
	66°55.69'S	172°15.75'E
	66°53.50'S	172°16.06'E
66°51.79'S	172°13.92'E	
66°49.88'S	172°13.45'E	
66°48.96'S	172°15.30'E	

** For quality control and to minimize risks of making errors, it is recommended to provide proposals in digital format (pdf) as well as geometry (point, line, ...) files in shape format.

Feature Description:	Maximum Depth:	3,370 m		
	Minimum Depth :	2,495 m	Shape :	Dome
	Total Relief :	875 m	Dimension/Size :	9.5 km x 15.0 km

Associated Features:	Haedal Seamounts, 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 various holes on the hill is similar to that of a pothole. 'Dolgae Hill' is therefore derived from the Korean word for pothole, 'Dolgae-gumung.'
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Discovery Facts:	Discovery Date:	4 February 2014
	Discoverer (Individual, Ship):	Icebreaker RV ARAON

Supporting Survey Data, including Track Controls:	Date of Survey:	4 February 2014, 21 February 2017
	Survey Ship / Platform:	Icebreaker RV ARAON
	Sounding Equipment:	EM122
	Positioning System:	DGPS (Seapath 200 RTK)
	Estimated Horizontal Accuracy, in nautical miles (M):	0.0027 M
	Survey Track Spacing:	2 – 3 M
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	Korea Committee on Geographical Names (KCGN), Republic of Korea
	Date:	22 May 2019
	E-mail:	infokhoa@korea.kr
	Organization and Address:	Korea Hydrographic and Oceanographic Agency (KHOA) 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" 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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Dolgae Hill

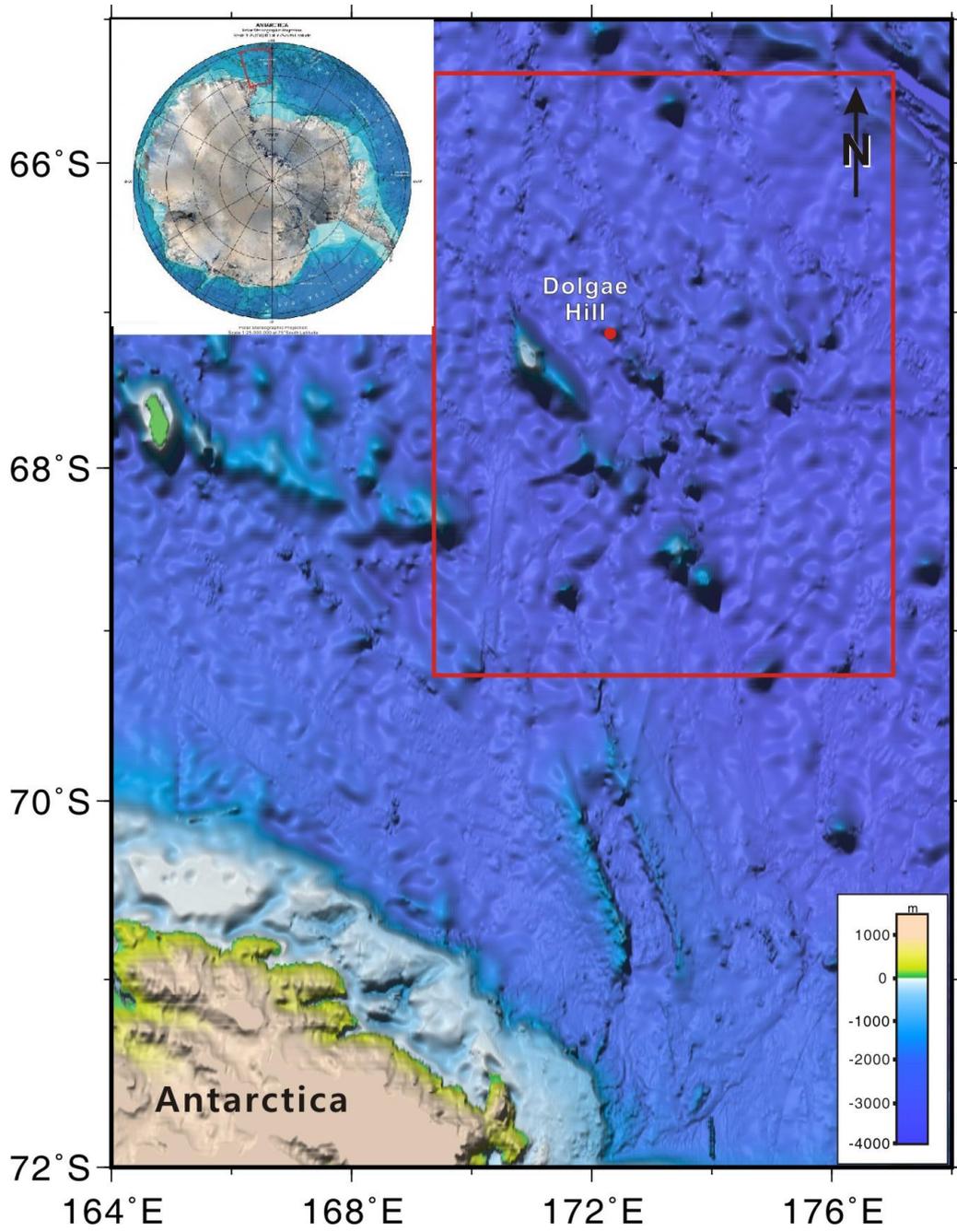


Fig.1. Index map of Dolgae Hill

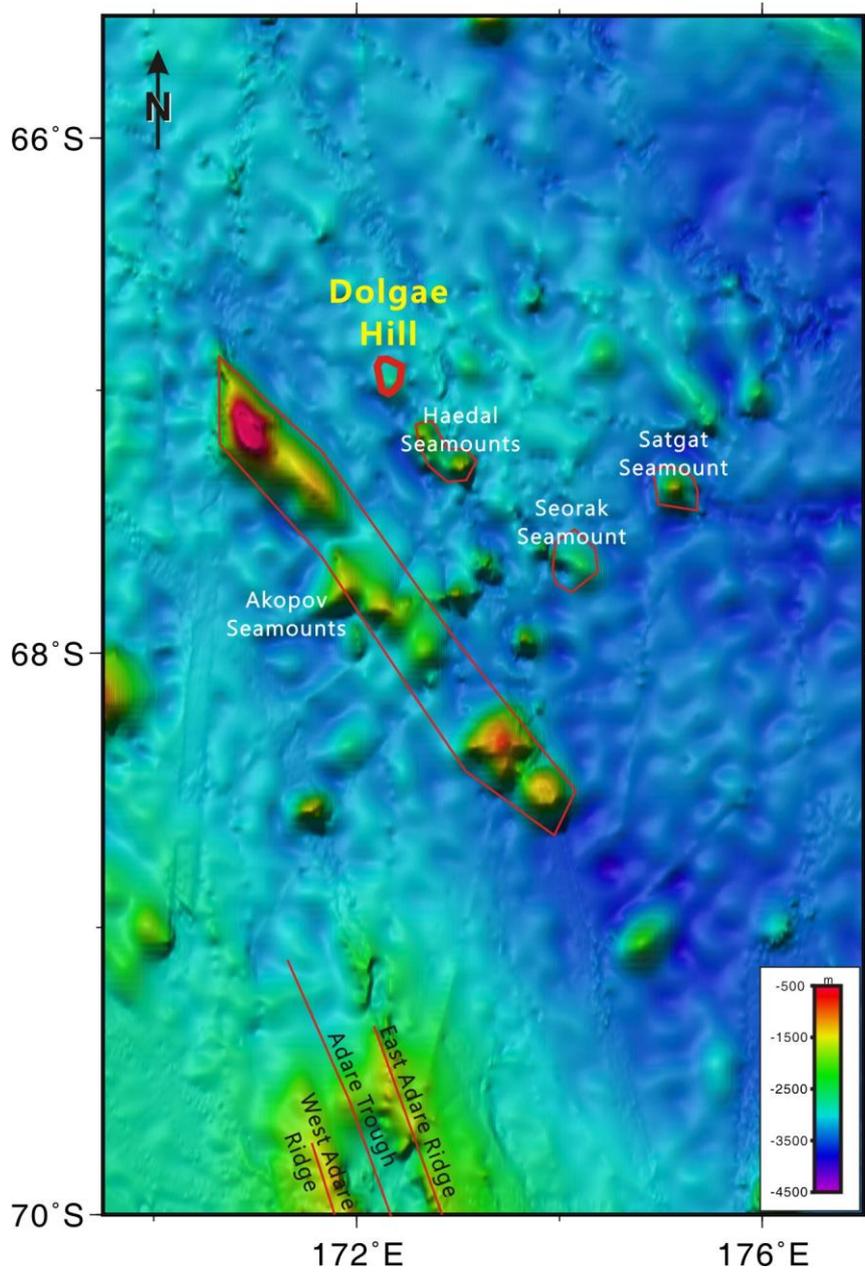


Fig.2. Overlap map with nearby undersea feature names on B-8

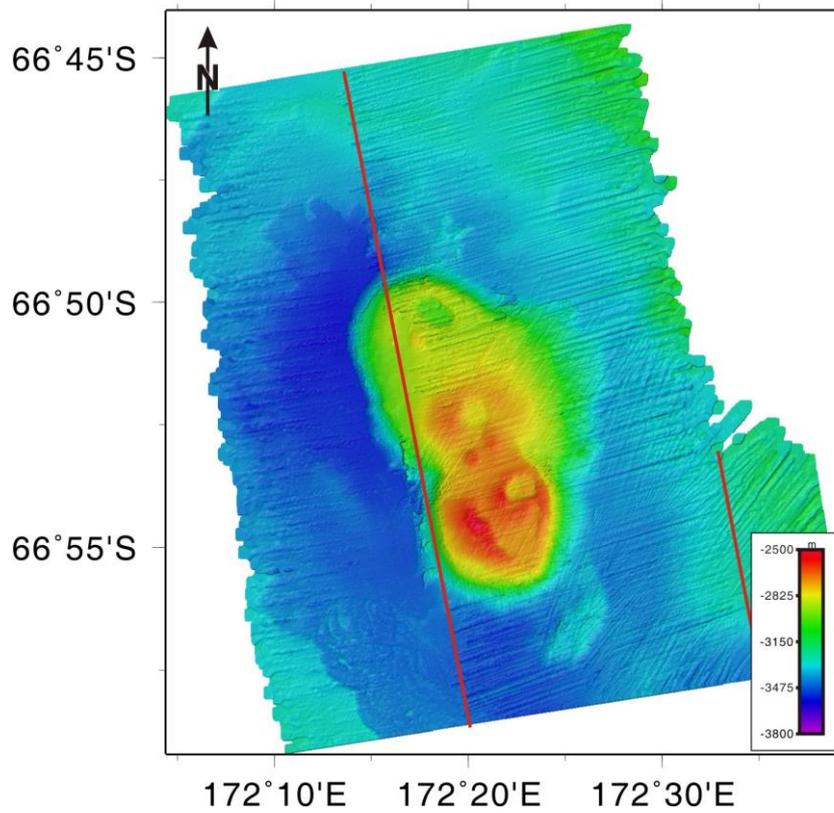


Fig.3. Track line and swath in survey area

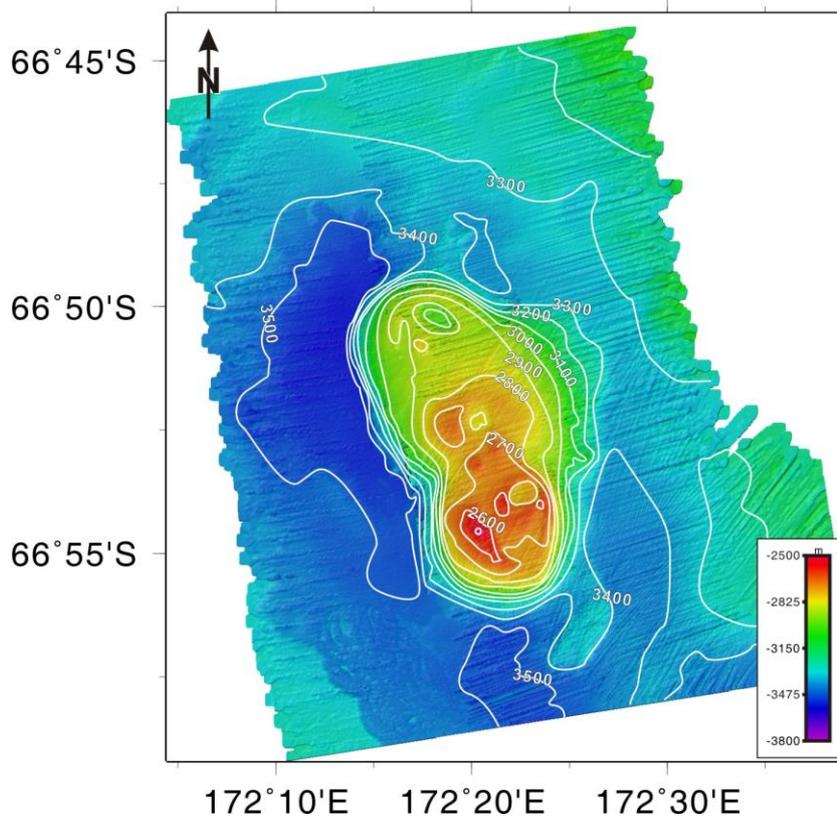


Fig.4. 2-D Bathymetric contour map of Dolgae Hill

Contour interval = 100 meters

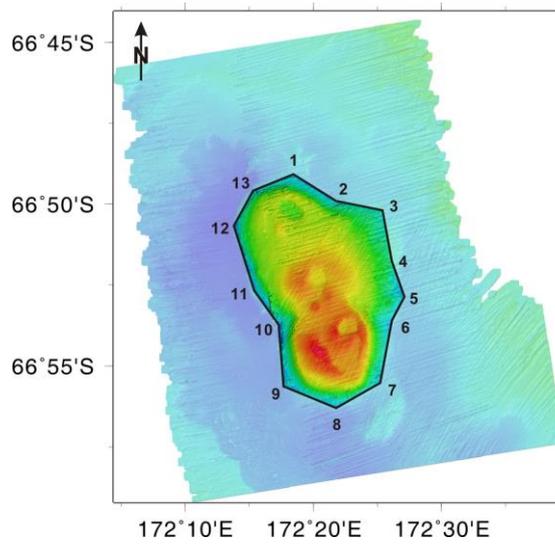


Fig.5. Polygon boundary of Dolgae Hill

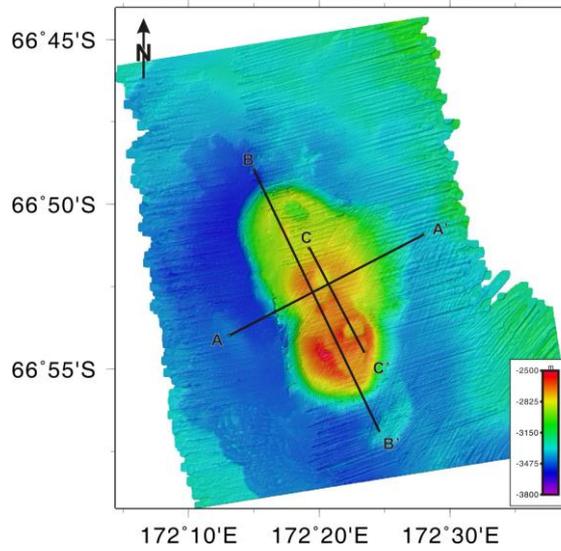


Fig.6. Locations of profiles across Dolgae Hill

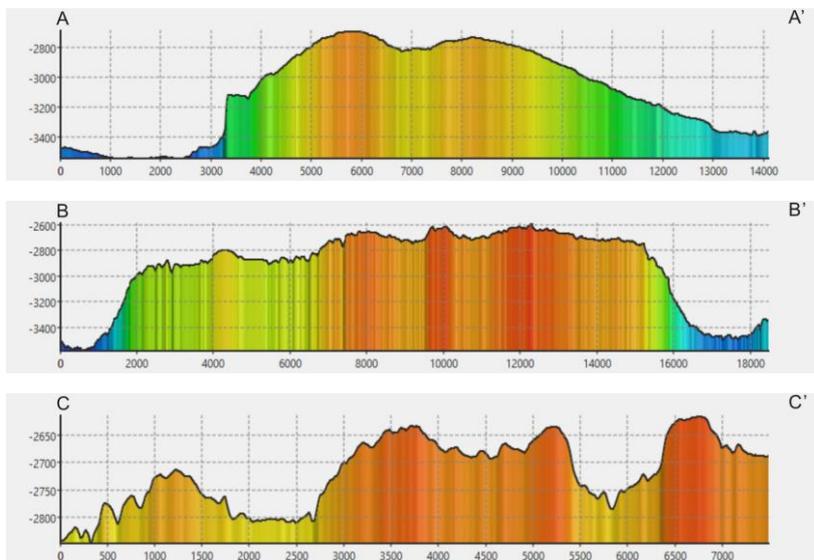


Fig.6a. Profiles across Dolgae Hill

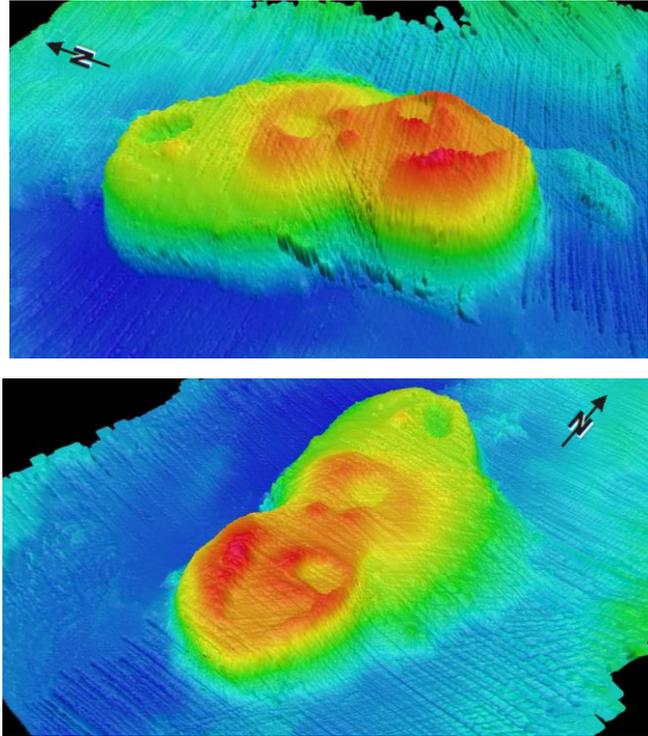


Fig.7. Side view of Dolgae Hill



Fig.8. Image of pothole (Dolgae-gumung in Korean)