

**UNDERSEA FEATURE NAME PROPOSAL**

(Sea NOTE overleaf)

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

<b>Name Proposed:</b>	<b>Gokkal Hill</b>	<b>Ocean or Sea:</b>	<b>Southern Ocean</b>
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<b>Geometry</b> that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
<b>Yes</b>		<b>Yes</b>				

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

	<b>Lat.</b>	<b>Long.</b>
<b>Point Coordinate:</b>	<b>69°32.37'S</b>	<b>172°32.32'E</b>
<b>Polygon Coordinates:</b>	<b>69°31.72'S</b>	<b>172°32.52'E</b>
	<b>69°32.01'S</b>	<b>172°33.62'E</b>
	<b>69°32.29'S</b>	<b>172°34.06'E</b>
	<b>69°32.82'S</b>	<b>172°33.30'E</b>
	<b>69°32.95'S</b>	<b>172°32.76'E</b>
	<b>69°32.79'S</b>	<b>172°31.30'E</b>
	<b>69°32.44'S</b>	<b>172°30.39'E</b>
	<b>69°32.05'S</b>	<b>172°30.61'E</b>

<b>Feature Description:</b>	Maximum Depth:	<b>1,900 m</b>	Steepness :	<b>22 ~ 30°</b>
	Minimum Depth :	<b>1,388 m</b>	Shape :	<b>Cone shape</b>
	Total Relief :	<b>512 m</b>	Dimension/Size :	<b>2.1 km x 2.1 km</b>

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

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	<b>Gokkal is the Korean word for "cone hat", which is a conical hat worn by members of a traditional Korean music band, similar to that worn by farmers. The shape of the hill is similar to that of a "Gokkal."</b>		
<b>Discovery Facts:</b>	Discovery Date:	<b>2014-2-04</b>	
	Discoverer (Individual, Ship):	<b>ARAON</b>	

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	<b>2014-2-04</b>
	Survey Ship:	<b>IBRV ARAON</b>
	Sounding Equipment:	<b>EM122</b>
	Type of Navigation:	<b>Autopilot</b>
	Estimated Horizontal Accuracy (nm):	<b>5 m *</b>
	Survey Track Spacing:	<b>None</b>
	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).

<b>Proposer(s):</b>	Name(s):	<b>Korea Committee on Geographical Names (KCGN), Republic of Korea</b>
	Date:	<b>September 1, 2015</b>
	E-mail:	<b>infokhoa@korea.kr</b>
	Organization and Address:	<b>351, Haeyang-ro, Yeongdo-gu, Busan, Republic of Korea</b>
	Concurren (name, e-mail, organization and address):	

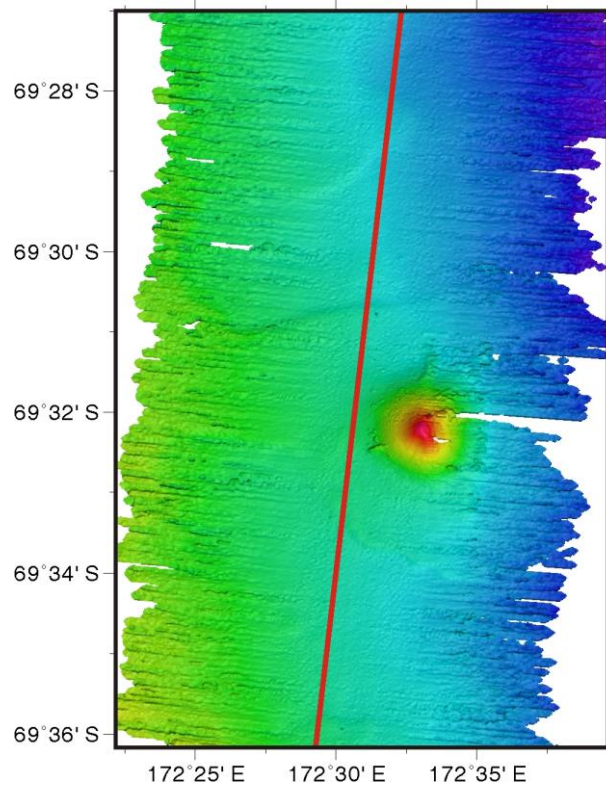
<b>Remarks:</b>	
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**NOTE :** This form should be forwarded, when completed :

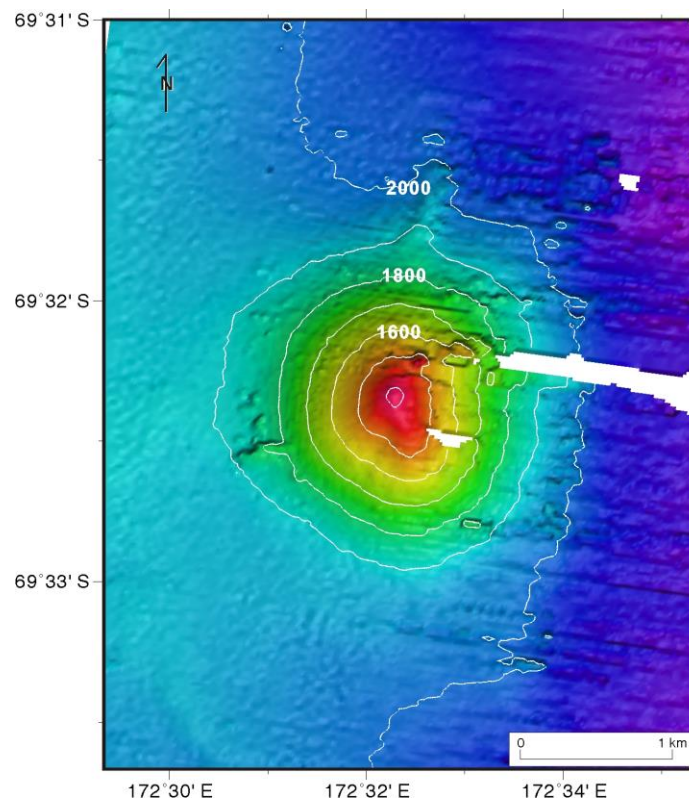
- a) **If the undersea feature is located inside the external limit of the territorial sea :-**  
to your "National Authority for Approval of Undersea Feature Names" (see page 2-9) or, if this does not exist or is not known, either to the IHB or to the IOC (see addresses below);
- b) **If at least 50 % 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: <a href="mailto:info@ihb.mc">info@ihb.mc</a>	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a>
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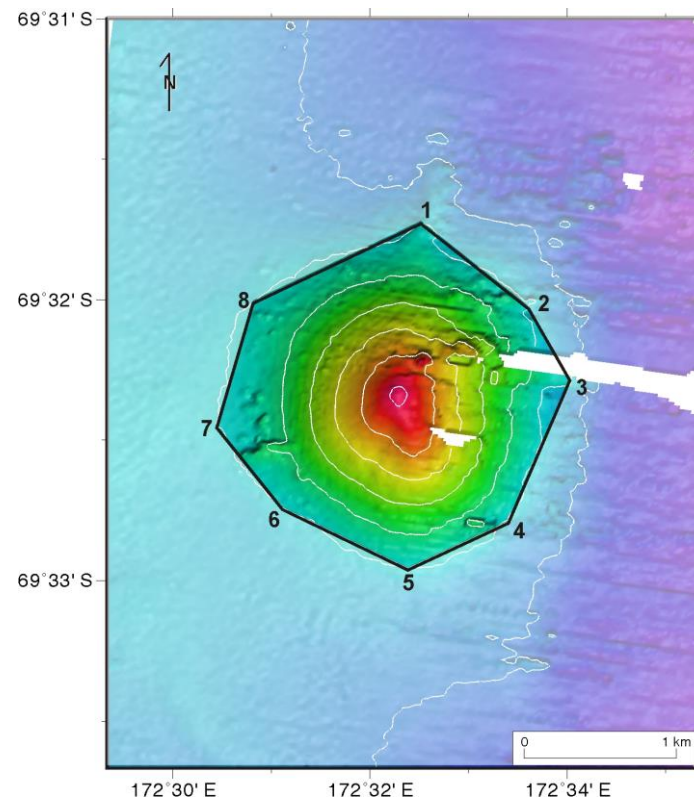
# Gokkal Hill



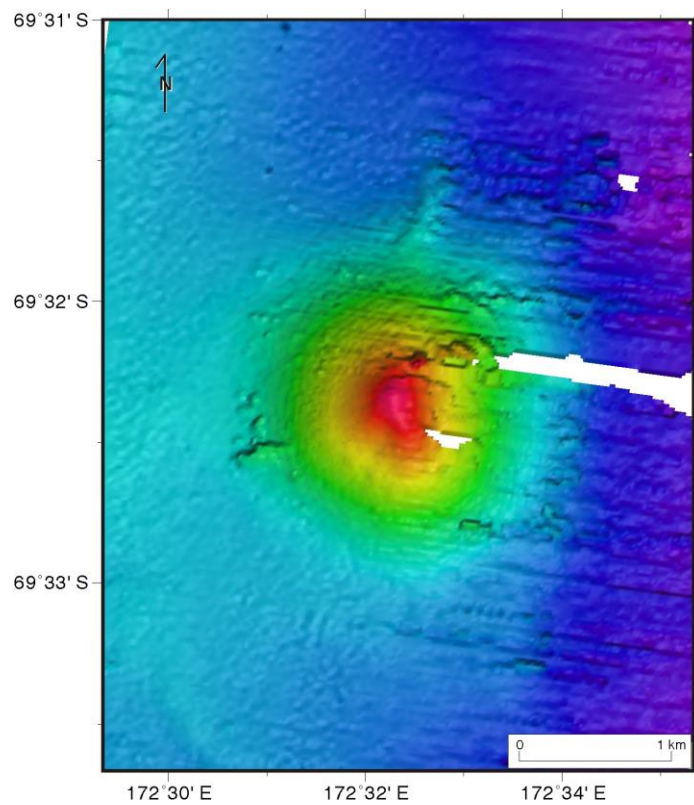
**Fig.1. Track line in Gokkal Hill survey area.**



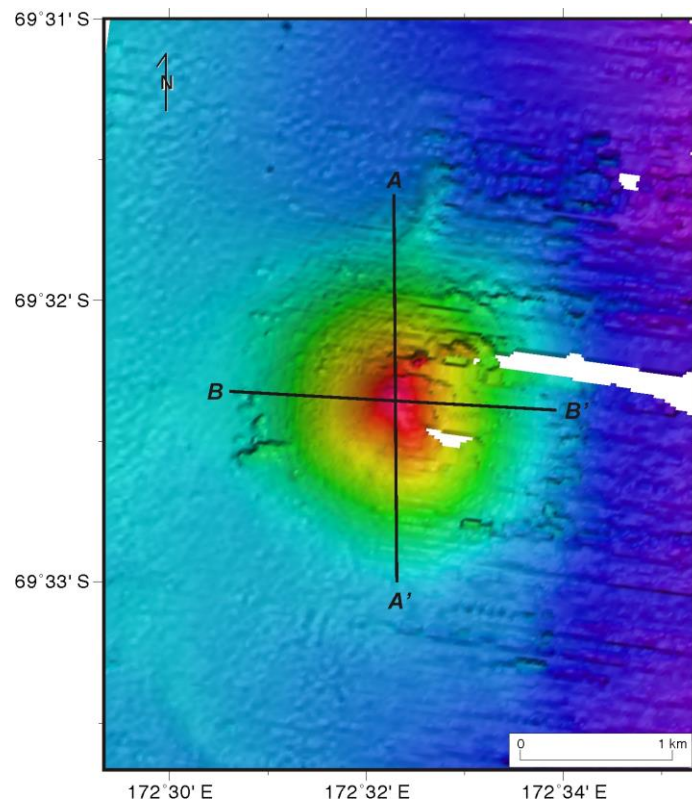
**Fig.2. 2-D Bathymetric contour map of Gokkal Hill**



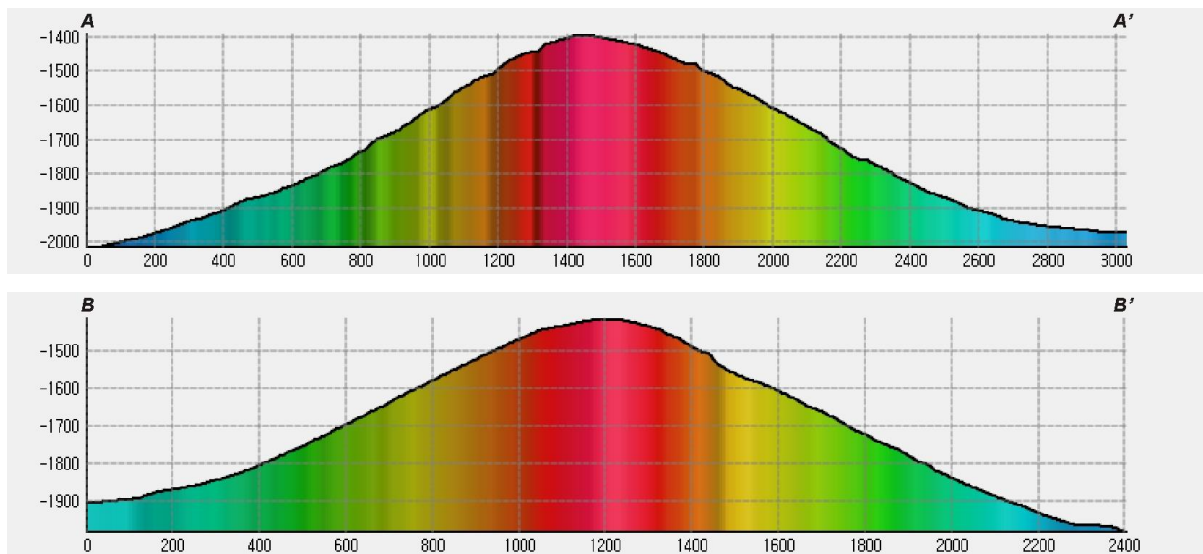
**Fig.3. Polygon boundary of Gokkal Hill.**



**Fig.4. 2-D topographic map of Gokkal Hill.**

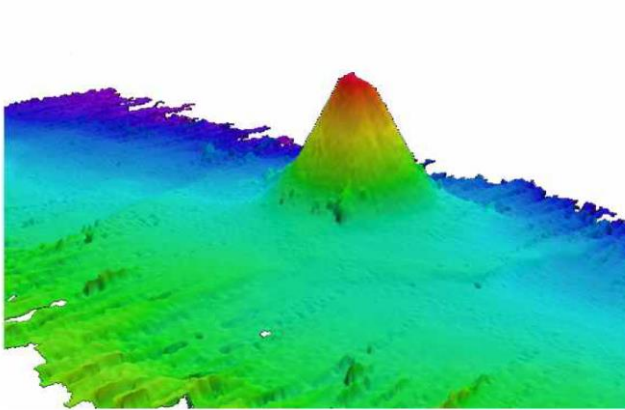


**Fig.5. Location of profiles across Gokkal Hill.**

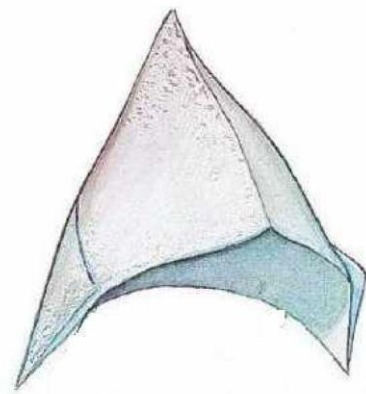


**Fig.5a. Profiles across Gokkal Hill.**





**Fig.6. Side view of Gokkal Hill**



**Fig.7. “Gokkal” (Korean word for cone hat)**