

**UNDERSEA FEATURE NAME PROPOSAL**

(Sea NOTE overleaf)

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

<b>Name Proposed:</b>	<b>Kkotsin Knoll</b>	<b>Ocean or Sea:</b>	<b>Southern Ocean(Antarctic)</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 (primary)</b>		<b>Yes (secondary)</b>				

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

	<b>Lat.</b>	<b>Long.</b>
<b>Centroid Coordinates:</b>	<b>61°36.2'S</b>	<b>172°29.0'W</b>
	<b>61°34.7'S</b>	<b>172°33.9'W</b>
	<b>61°34.3'S</b>	<b>172°31.4'W</b>
	<b>61°34.9'S</b>	<b>172°27.2'W</b>
	<b>61°36.6'S</b>	<b>172°25.8'W</b>
	<b>61°37.2'S</b>	<b>172°26.5'W</b>
<b>Polygon Coordinates:</b>	<b>61°38.1'S</b>	<b>172°28.3'W</b>
	<b>61°37.8'S</b>	<b>172°31.4'W</b>
	<b>61°37.4'S</b>	<b>172°33.9'W</b>
	<b>61°36.5'S</b>	<b>172°34.1'W</b>
	<b>61°35.8'S</b>	<b>172°35.1'W</b>
	<b>61°34.7'S</b>	<b>172°33.9'W</b>

<b>Feature Description:</b>	Maximum Depth:	<b>3,600 m</b>	Steepness :	<b>21.8°~25.0°</b>
	Minimum Depth :	<b>2,750 m</b>	Shape :	<b>elliptical shape</b>
	Total Relief :	<b>950 m</b>	Dimension/Size :	<b>8.0km x 6.0km</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>Kkotsin is the Korean word for “flower shoes” which are traditional Korean woman’s shoes, worn in historical times. The shape of Kkotsin KNOLL is similar to that of flower shoes as seen in the profiles. Kkotsin are most often covered with silk and embroidered with the patterns of flowers and birds.</b>
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<b>Discovery Facts:</b>	Discovery Date:	<b>December 20, 2011</b>
	Discoverer (Individual, Ship):	<b>R/V Araon</b>

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	<b>December 20, 2011</b>
	Survey Ship:	<b>R/V Araon</b>
	Sounding Equipment:	<b>MBES Simrad EM 122</b>

	Type of Navigation:	DGPS (C-NAV 3050)
	Estimated Horizontal Accuracy (nm):	+/-0.000054 nm
	Survey Track Spacing:	-
Supporting material can be submitted as Annex in analog or digital form.		

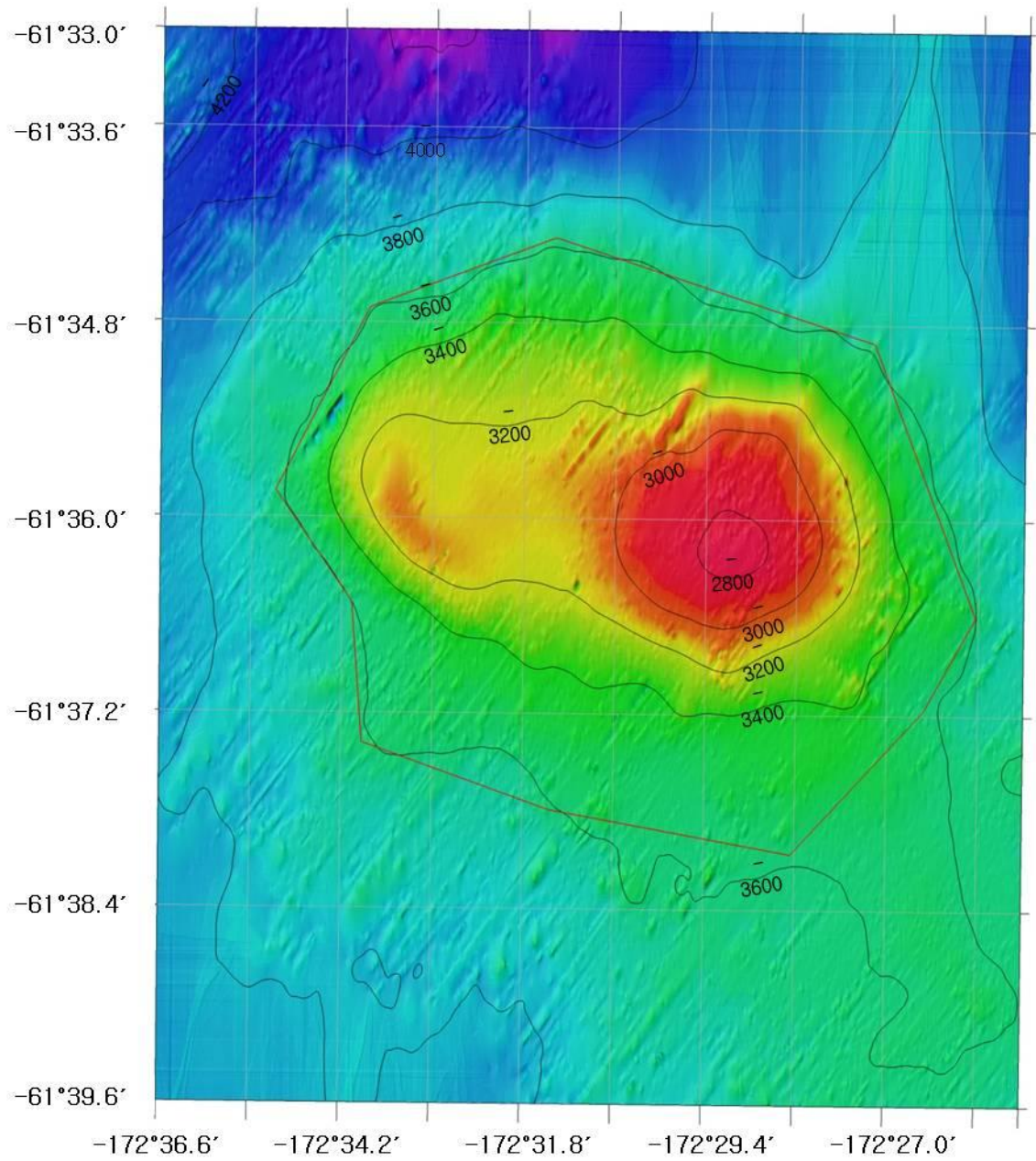
<b>Proposer(s):</b>	Name(s):	Korea Committee on Geographical Names (KCGN), Republic of Korea
	Date:	August 22, 2013
	E-mail:	infokhoa@korea.kr
	Organization and Address:	351, Haeyang-ro, Yeongdo-gu, Busan, Republic of Korea
	Concurrer (name, e-mail, organization and address):	

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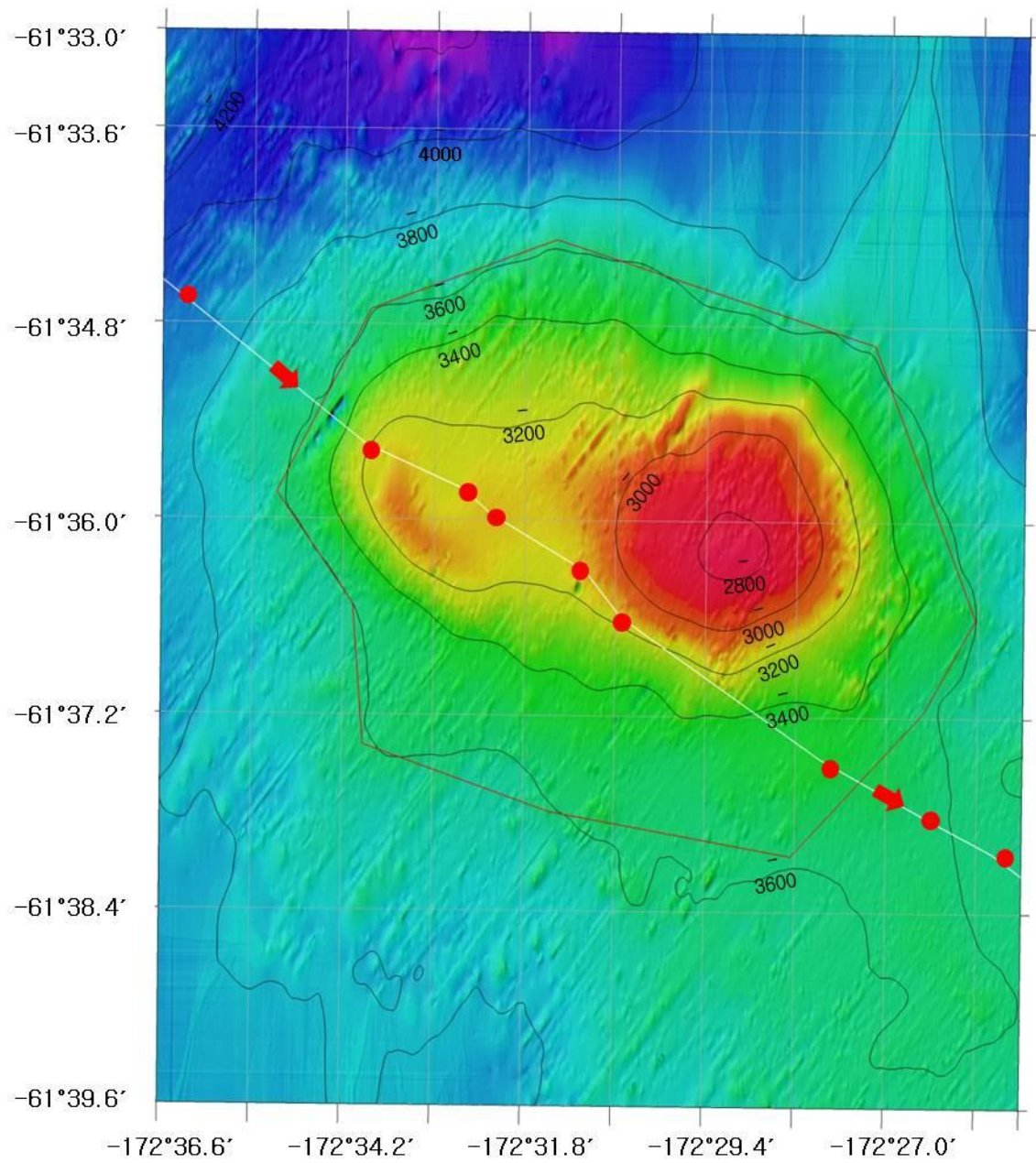
**NOTE :** This form should be forwarded, when completed :

- 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 :

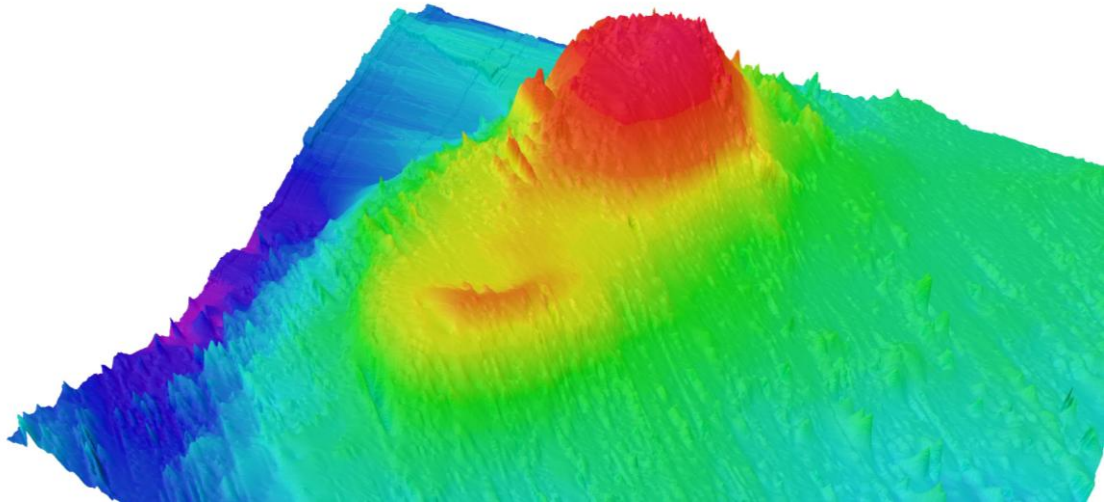
International Hydrographic Bureau (IHB) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: <a href="mailto:info@ihb.mc">info@ihb.mc</a>	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a>
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**Fig. 1. 2-D Bathymetric contour map.**



**Fig. 2. Track line in the survey area.**



**Fig. 3. 3-D Topographic map of Kkotsin Knoll.**

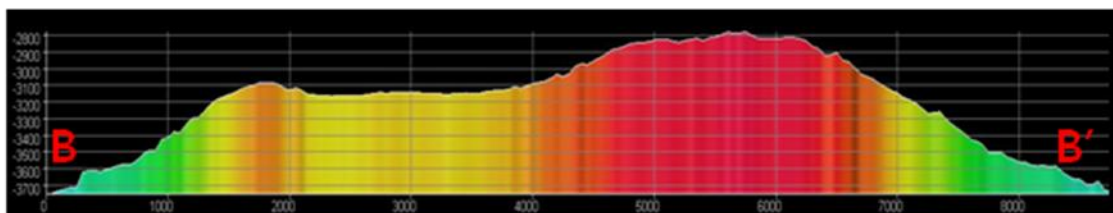
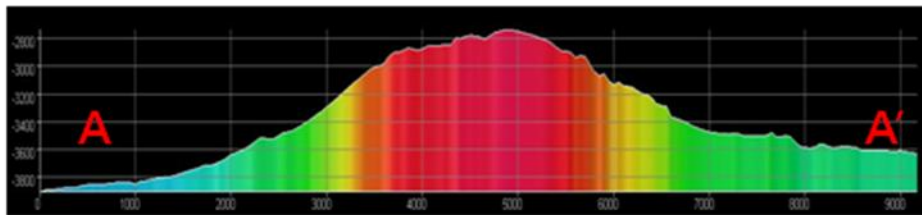
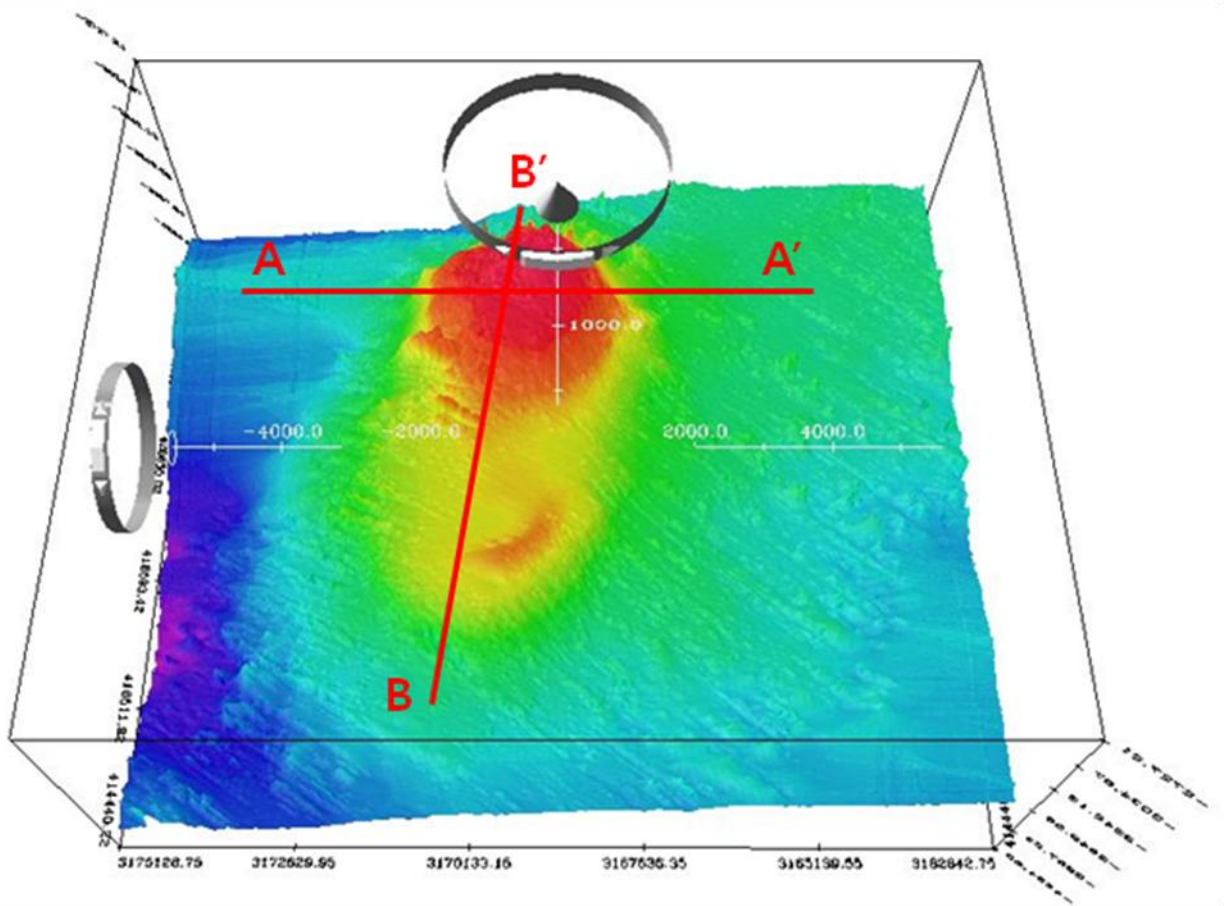


Fig. 4. Profile across the center of Kkotsin Knoll.