

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

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

Name Proposed:	Gungbok Hills	Ocean or Sea:	Ross Sea, South Pacific 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			

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

		Lat.	Long.
Multiple Points Coordinates:	(A)	75°59.4'S	165°47.2'E
	(B)	75°58.2'S	165°47.3'E
	(C)	75°56.8'S	165°45.1'E
	(D)	75°55.8'S	165°40.5'E
	(E)	75°54.8'S	165°39.0'E
	(F)	75°53.1'S	165°36.5'E

Feature Description:	(A)	Maximum Depth:	507 m	Steepness :	2.63°
	(B)		520m		1.8°
	(C)		513 m		3.8°
	(D)		510 m		3.8°
	(E)		515 m		5.7°
	(F)		567 m		0.8°
	(A)	Minimum Depth:	428 m	Shape :	Domes with Flat top
	(B)		438 m		
	(C)		440 m		
	(D)		450 m		
	(E)		415 m		
	(F)		515 m		
	(A)	Total Relief:	79 m	Dimension/Size :	2.8 x 3.4 km
	(B)		82 m		1.8 x 1.3 km
	(C)		73 m		2.2 x 2.2 km
	(D)		60 m		1.5 x 1.8 km
	(E)		100 m		1.8 x 2.0 km
	(F)		52 m		1.5 x 1.9 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):	This is a group of at least 6 hills discovered on the seafloor near the Jangbogo Research Station, now under construction in the Antarctic region. <u>Gungbok</u> is an alternate name of Jangbogo, who was a leading figure in establishing North Asian maritime trade during the Korean Shilla Dynasty.
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Discovery Facts:	Discovery Date:	February 9, 2011
	Discoverer (Individual, Ship):	R/V ARAON

Supporting Survey Data, including Track Controls:	Date of Survey:	February 9, 2011
	Survey Ship:	R/V ARAON
	Sounding Equipment:	MBES Simrad EM 122
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	Beam angle 1°
	Survey Track Spacing:	800 m
Supporting material can be submitted as Annex in analog or digital form.		

Proposer(s):	Name(s):	Korean Committee on Geographical Names, Republic of Korea
	Date:	August 11, 2011
	E-mail:	infokhoa@korea.kr
	Organization and Address:	365 Seohaero, Jung-gu, Incheon 400-800, 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 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 <u>Principality of MONACO</u> 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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Gungbok Hills

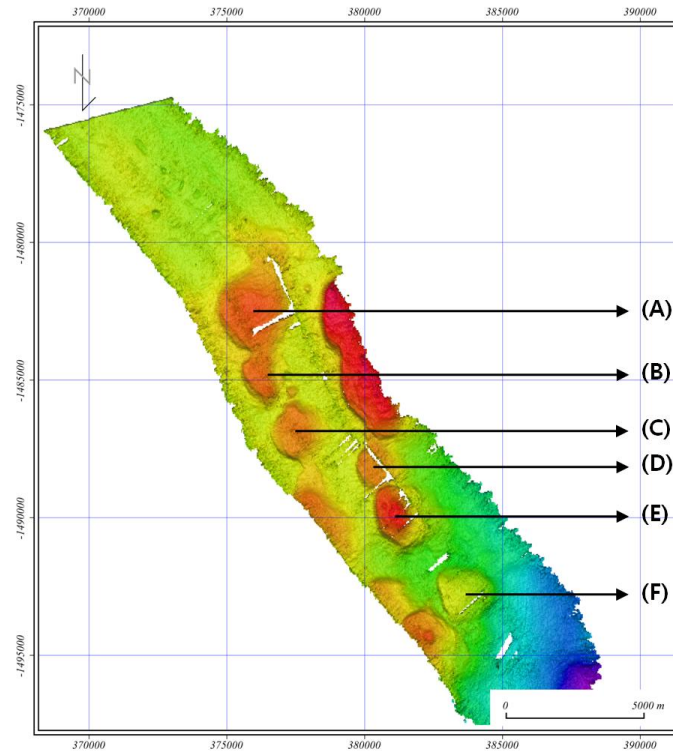


Fig.1. 2-D Bathymetric Contour map of the Gungbok Hills

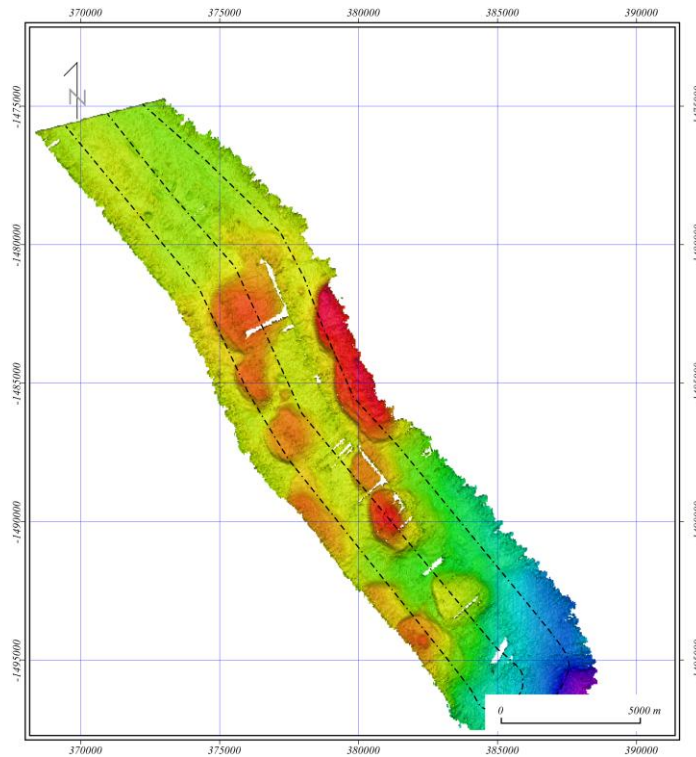


Fig.2. The track lines in Survey area

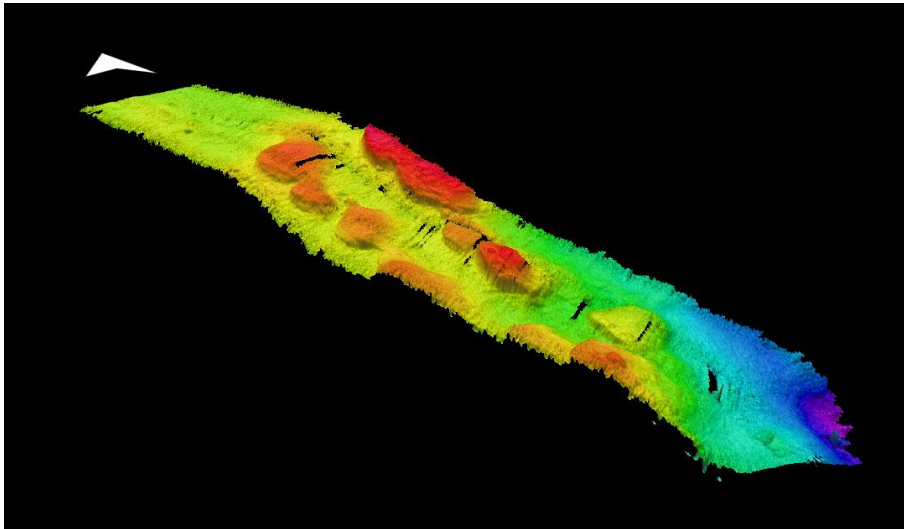


Fig.3. 3-D topographic map of the Gungbok Hills

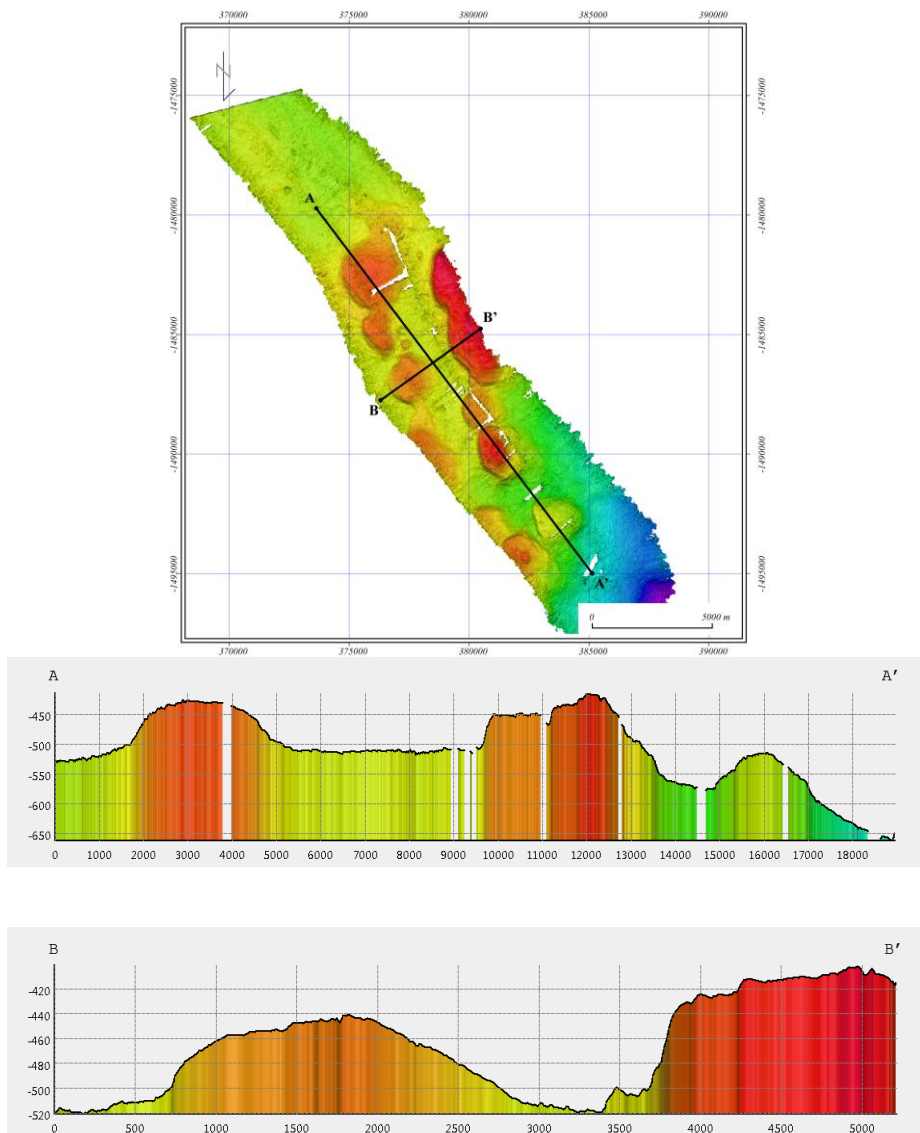


Fig.4. Profile across Gungbok Hills