INTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

UNDERSEA FEATURE NAME PROPOSAL

(Sea **NOTE** overleaf)

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

Name Proposed:	**Bongsudae Knoll**	**Ocean or Sea:**	**Eastern Pacific Ocean**

Geometry that best defines the feature (Yes/No) :

Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
Yes (small scale)		**Yes (large scale)**				

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

	Lat.	**Long.**
Centroid Coordinates:	**16°10.2'N**	**126°31.8'W**
Polygon Coordinates: (Range)	**16°12.2'N**	**126°32.6'W**
	16°12.2'N	**126°31.7'W**
	16°11.7'N	**126°30.6' W**
	16°10.4'N	**126°30.2' W**
	16°09.5'N	**126°30.3' W**
	16°09.1'N	**126°30.9' W**
	16°08.9'N	**126°31.7' W**
	16°09.0'N	**126°32.5' W**
	16°09.4'N	**126°33.3' W**
	16°10.2'N	**126°33.7' W**
	16°11.0'N	**126°33.6' W**
	16°11.7'N	**126°33.3' W**
	16°12.2'N	**126°32.6' W**

Feature Description:				
	Maximum Depth:	**4,350m**	Steepness :	**24 ~ 28°**
	Minimum Depth :	**3,450m**	Shape :	**Dome-shaped**
	Total Relief :	**900m**	Dimension/Size :	**6.5kmX6.5km**

Associated Features:	**Boreumdal Guyot**

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)**:**	**Bongsudae is the Korean word for "beacon". The shape of Bongsudae Knoll is similar to that of a "bongsudae". A bongsudae is a light or a fire, usually erected on a hill or tower, which acts as a signal or a warning light in times of emergency in the past.**

Discovery Facts:		
	Discovery Date:	**1996**
	Discoverer (Individual, Ship):	**R/V Onnuri**

Supporting Survey Data, including	Date of Survey:	**1996**

Track Controls:	Survey Ship:	**R/V Onnuri**
	Sounding Equipment:	**Multibeam echosounder (Seabeam 2000)**
	Type of Navigation:	**Konmap System (DGPS)**
	Estimated Horizontal Accuracy (nm):	**+/- 0.053996nm(100m)**
	Survey Track Spacing:	**Line-spacing of the survey tracks was adjusted in the field to ensure 100% multibeam coverage.**
	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:	**September 21, 2012**
	E-mail:	**infokhoa@korea.kr**
	Organization and Address:	**365 Seohae-Daero, Jung-gu, Incheon 400-800, Republic of Korea**
	Concurrer (name, e-mail, organization and address):	

Remarks:	**Bongsudae knoll has relatively steep sides, especially in the SE direction. A "bongsudae" also has steep sides, which is the main reason for giving the knoll this name.**

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

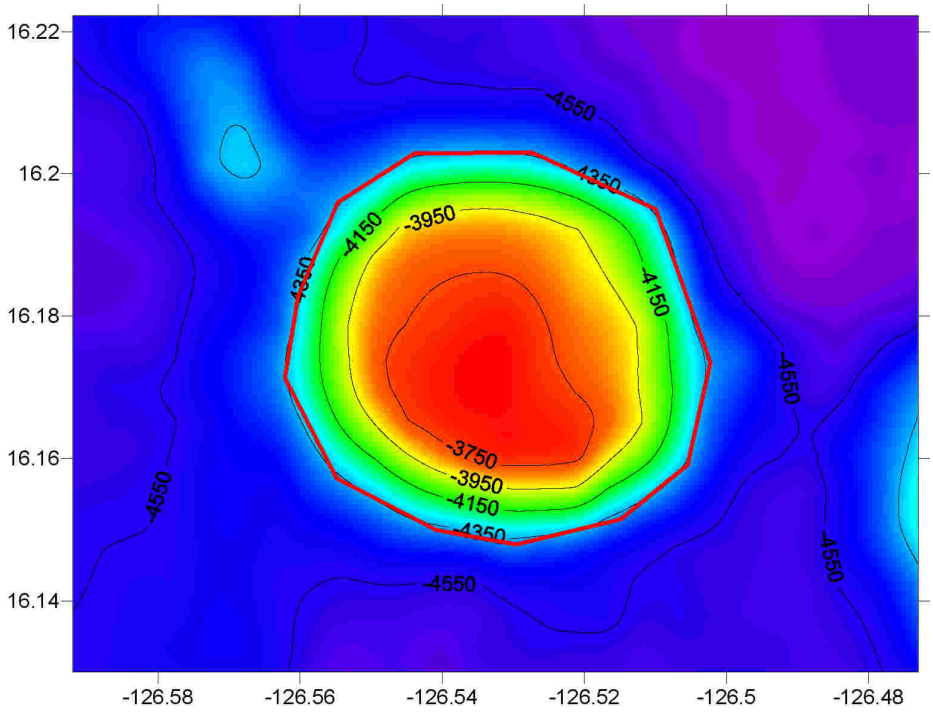

Fig.1. 2-D Bathymetric Contour map

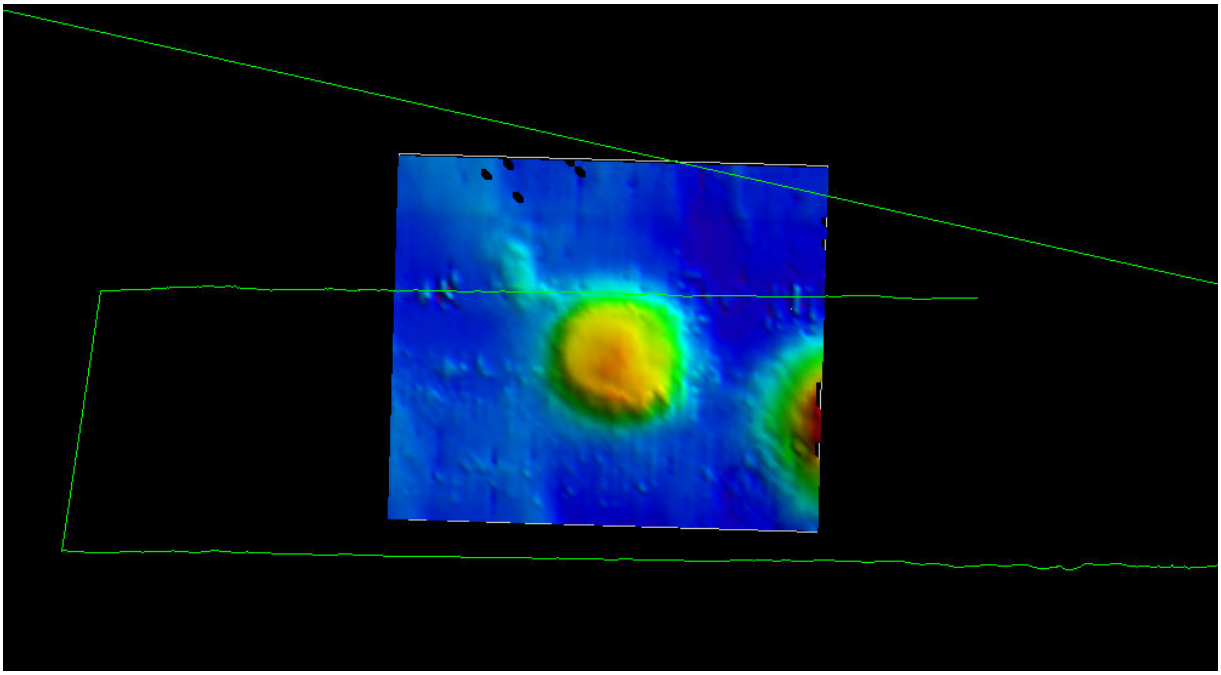

Fig.2. Track lines in survey area

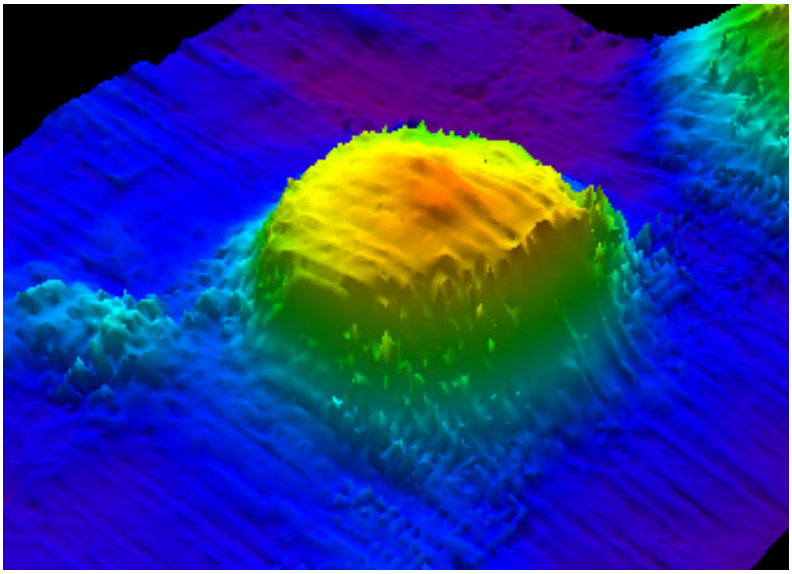

Fig.3. 3-D Topographic map

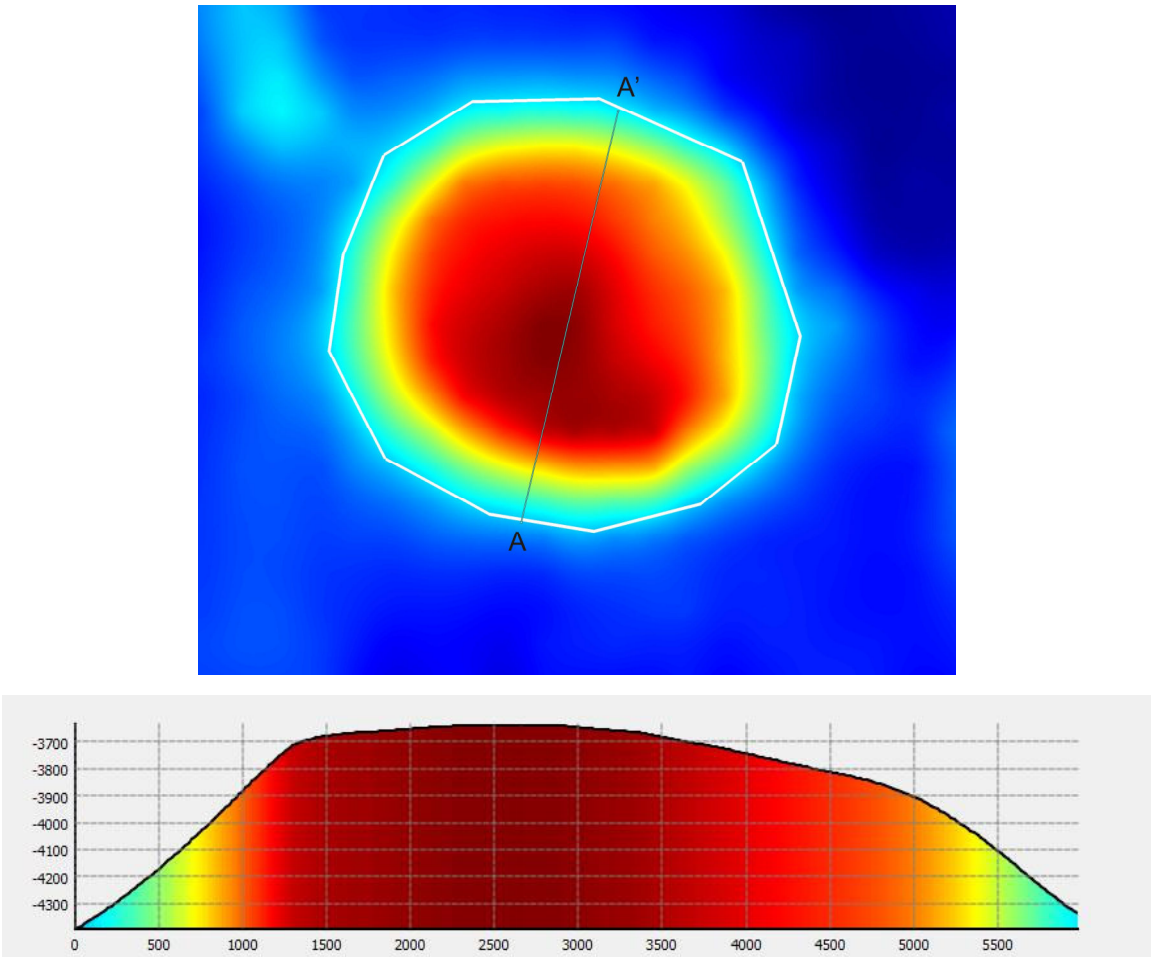

Fig.4. Profile across the center of Bongsudae Knoll