

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:	Saenarae Ridge		
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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**:	37°49.36'N	130°05.85'E
Polygon Coordinates**:	37°58.10'N	130°17.37'E
	37°57.07'N	130°19.54'E
	37°55.20'N	130°19.80'E
	37°51.94'N	130°14.80'E
	37°50.47'N	130°09.21'E
	37°47.53'N	130°03.79'E
	37°41.79'N	130°03.76'E
	37°39.76'N	130°02.78'E
	37°40.03'N	130°01.01'E
	37°38.67'N	129°59.09'E
	37°39.36'N	129°58.65'E
	37°41.54'N	129°59.83'E
	37°45.03'N	129°58.13'E
	37°49.38'N	129°59.75'E
	37°53.28'N	129°58.69'E
37°54.41'N	130°04.84'E	
37°53.48'N	130°09.80'E	
37°56.29'N	130°15.76'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:	1,700 m	Shape :	SW-NE elongated shape
	Minimum Depth :	1,110 m		
	Total Relief :	590 m	Dimension/Size :	32 km x 36 km

Associated Features:	Gangwon Plateau, Onnuri Basin, Kiminu Seamount, Saenal Basin
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	INT 509, INT 511

Reason for Choice of Name (if a person, state how associated with the feature to be named):	The shape of ridge is similar to the shape of bird wings. 'Saenarae' is Korean word for bird wings.
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Discovery Facts:	Discovery Date:	26 May 1997
	Discoverer (Individual, Ship):	RV Haeyang 2000

Supporting Survey Data, including Track Controls:	Date of Survey:	25 May 1997 – 28 May 1997, 08 June 1997
	Survey Ship / Platform:	RV Haeyang 2000
	Sounding Equipment:	Seabeam 2112
	Positioning System:	DGPS (4000 MSK)
	Estimated Horizontal Accuracy, in nautical miles (M):	0.027 M
	Survey Track Spacing:	2.2 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:	2 December 2015
	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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Saenarae Ridge

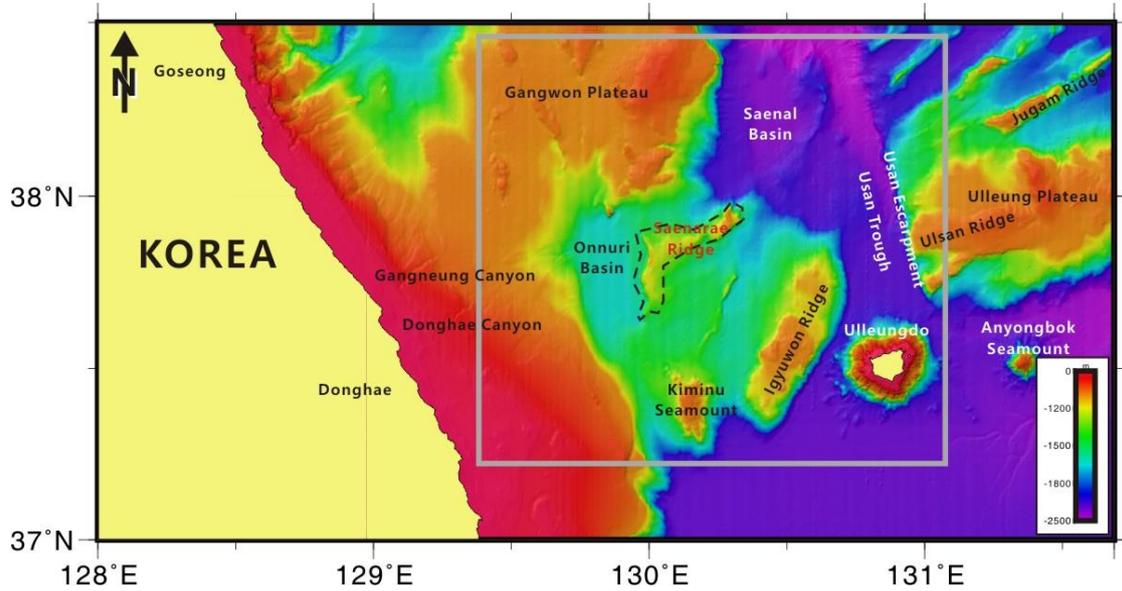


Fig.1. Index map of Saenarae Ridge

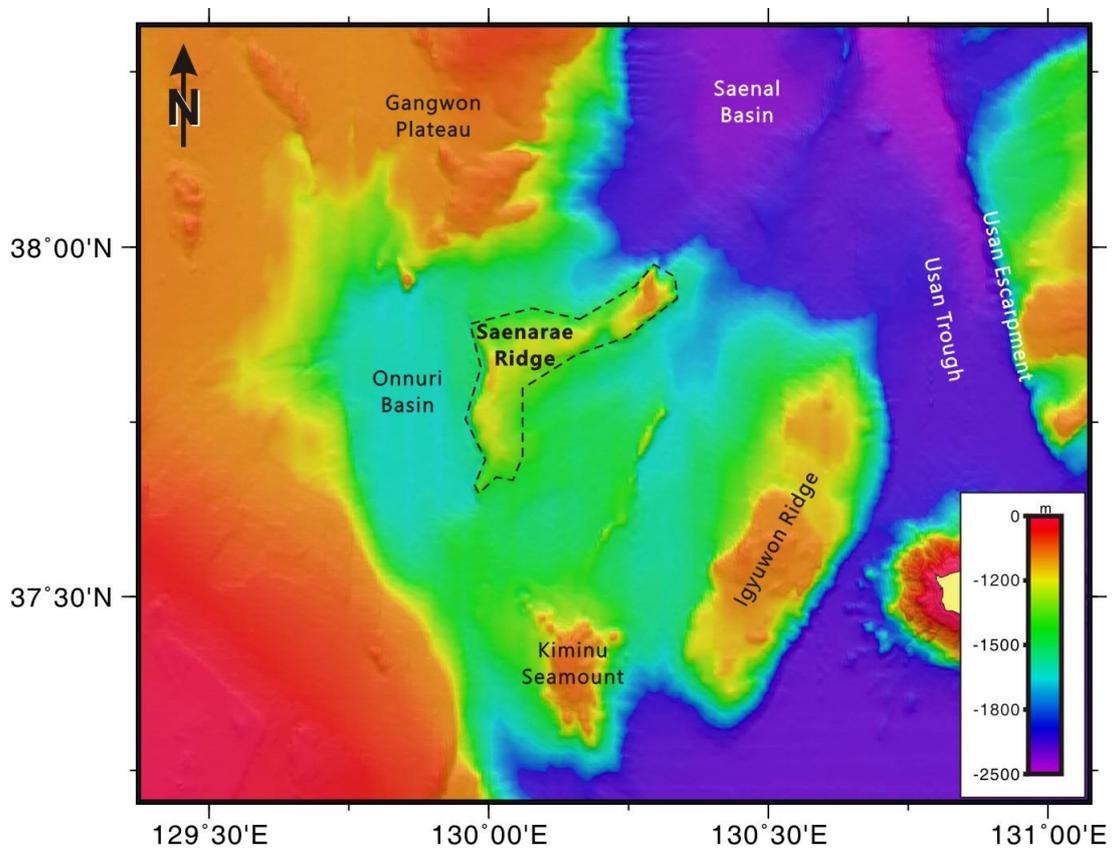


Fig.2. Overlap map with nearby undersea feature names on B-8

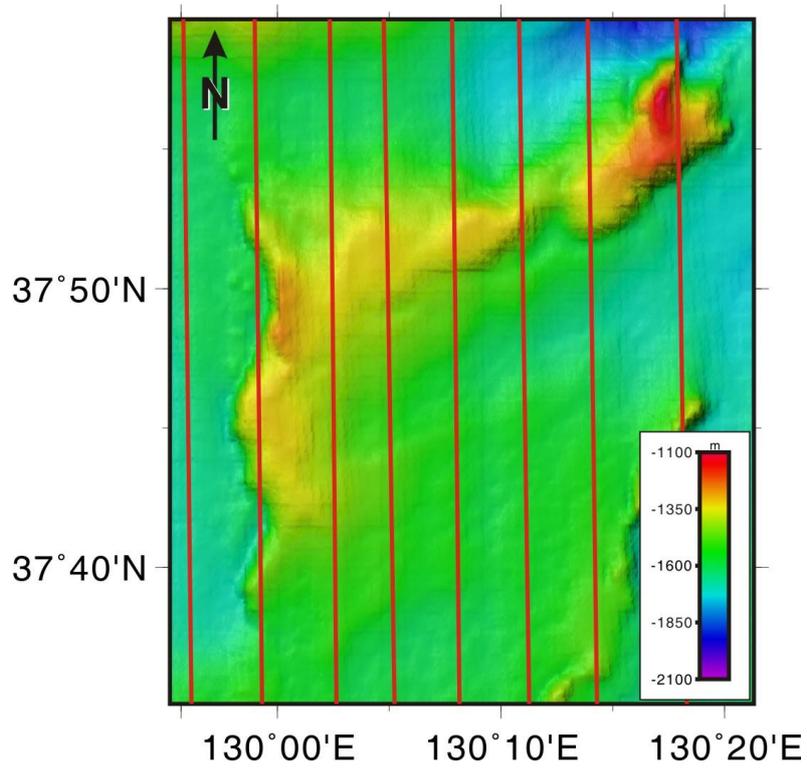


Fig.3. Track line and swath in survey area

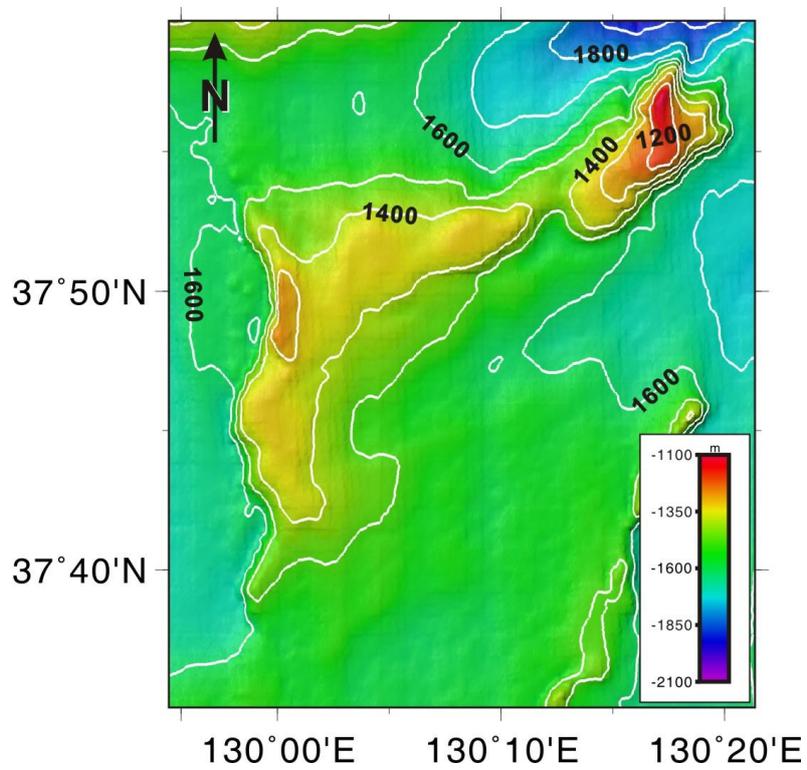


Fig.4. 2-D Bathymetric contour map of Saenarae Ridge

Contour interval = 100 meters

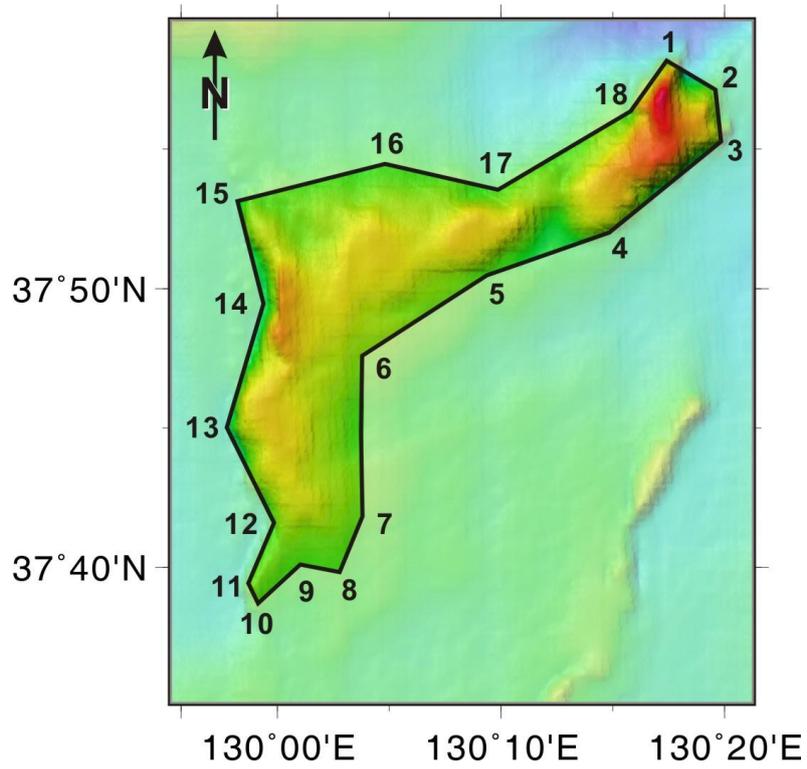


Fig.5. Polygon boundary of Saenarae Ridge

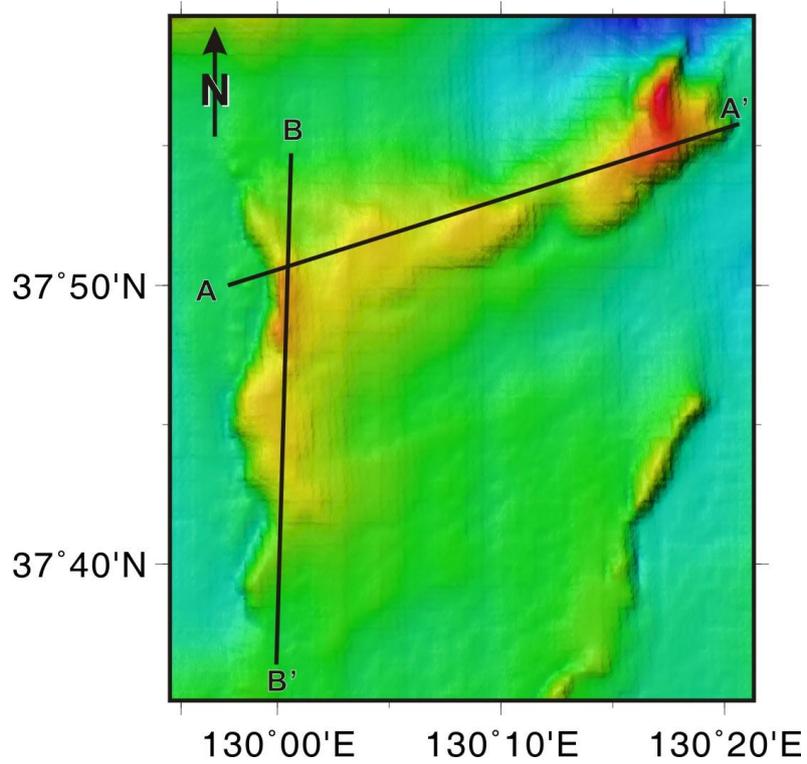


Fig.6. Locations of profiles across Saenarae Ridge

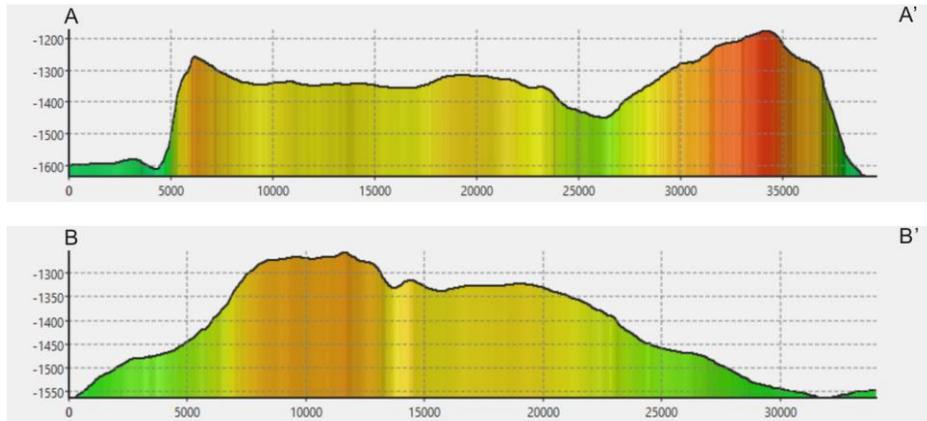


Fig.6a. Profiles across Saenarae Ridge

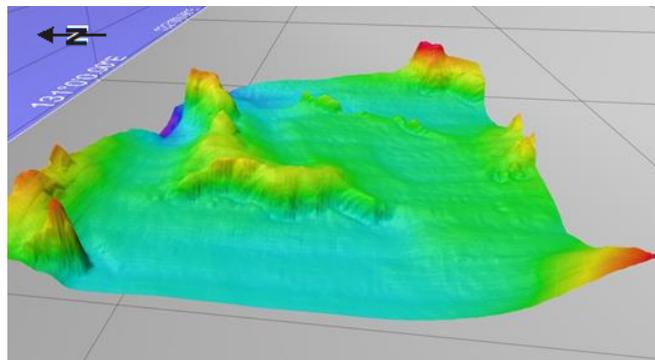


Fig.7. Side view of Saenarae Ridge



Fig.8. Image of bird wings