

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

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

Name Proposed:	Wangdol Canyon	Ocean or Sea:	East Sea
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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:	36°46.51'N	129°54.11'E
Polygon Coordinates:	36°45.93'N	129°52.56'E
	36°46.32'N	129°53.68'E
	36°46.32'N	129°53.98'E
	36°46.51'N	129°54.11'E
	36°46.73'N	129°55.11'E
	36°46.75'N	129°56.85'E
	36°46.51'N	129°57.38'E
	36°46.70'N	129°57.87'E

Feature Description:	Maximum Depth:	1,600 m	Steepness :	10°
	Minimum Depth :	570 m	Shape :	V-Shape
	Total Relief :	1,030 m	Dimension/Size :	10.4 km x 1.5 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:	INT5251

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Wangdol Canyon is named after Wangdol Reef (Wangdol Cho) which is the nearest-named geographic feature. 'Wangdol' is the Korean word for 'great stone.'
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Discovery Facts:	Discovery Date:	1996-10-23
	Discoverer (Individual, Ship):	RV Haeyang 2000

Supporting Survey Data, including Track Controls:	Date of Survey:	1996-10-23 / 1996-10-24
	Survey Ship:	RV Haeyang 2000
	Sounding Equipment:	Seabeam 2100
	Type of Navigation:	4000 MSK DGPS
	Estimated Horizontal Accuracy (nm):	5 m*
	Survey Track Spacing:	~1 nautical mile
	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).

Proposer(s):	Name(s):	Korea Committee on Geographical Names (KCGN), Republic of Korea
	Date:	August 31, 2017
	E-mail:	infokhoa@korea.kr
	Organization and Address:	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" (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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Wangdol Canyon

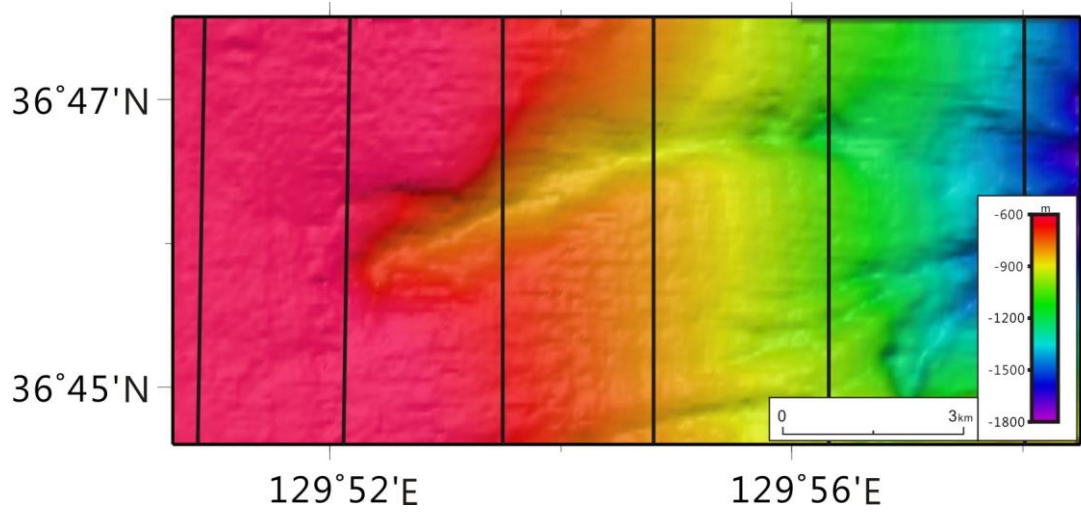


Fig.1. Track line and swath in survey area

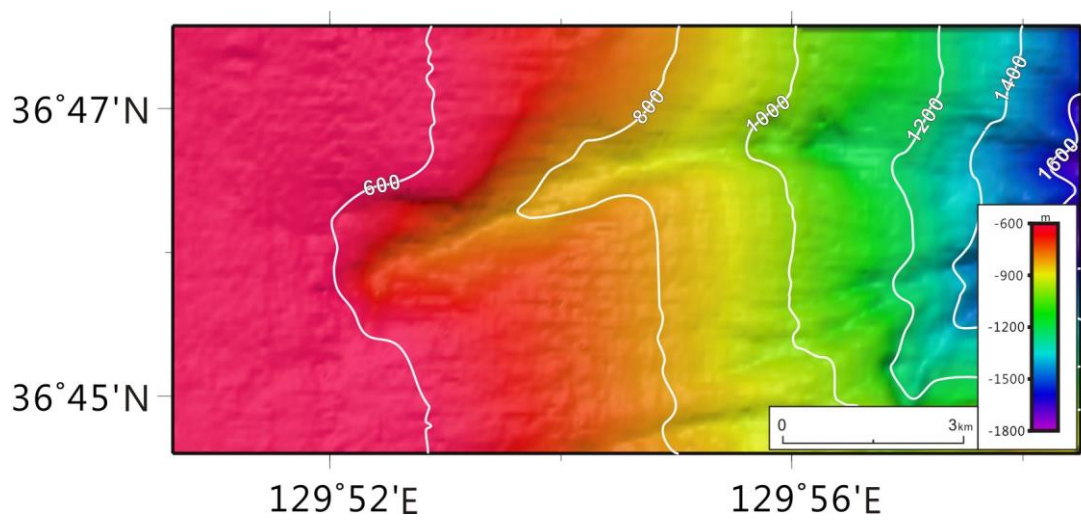


Fig.2. 2-D Bathymetric contour map of Wangdol Canyon

Contour interval =200 meters

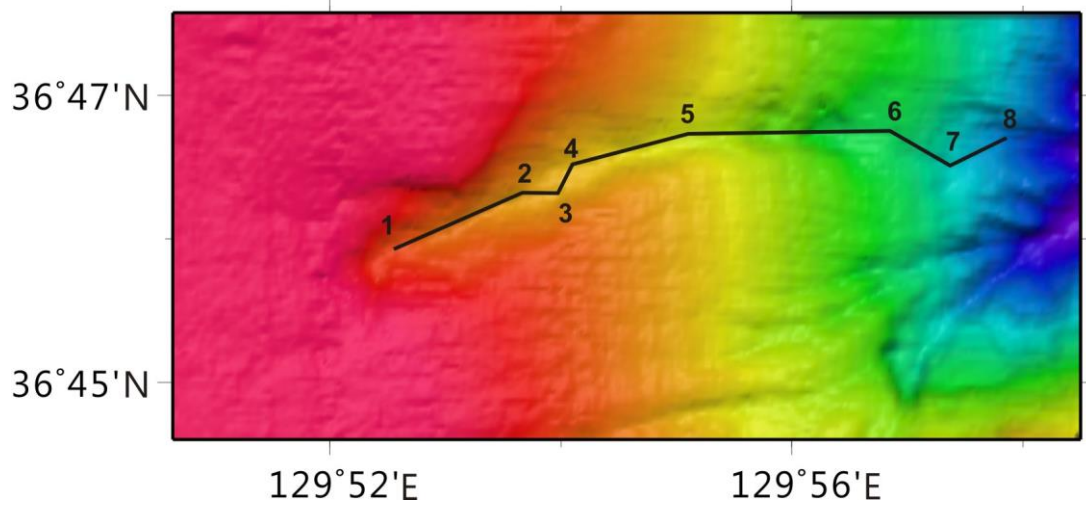


Fig.3. Line string boundary of Wangdol Canyon

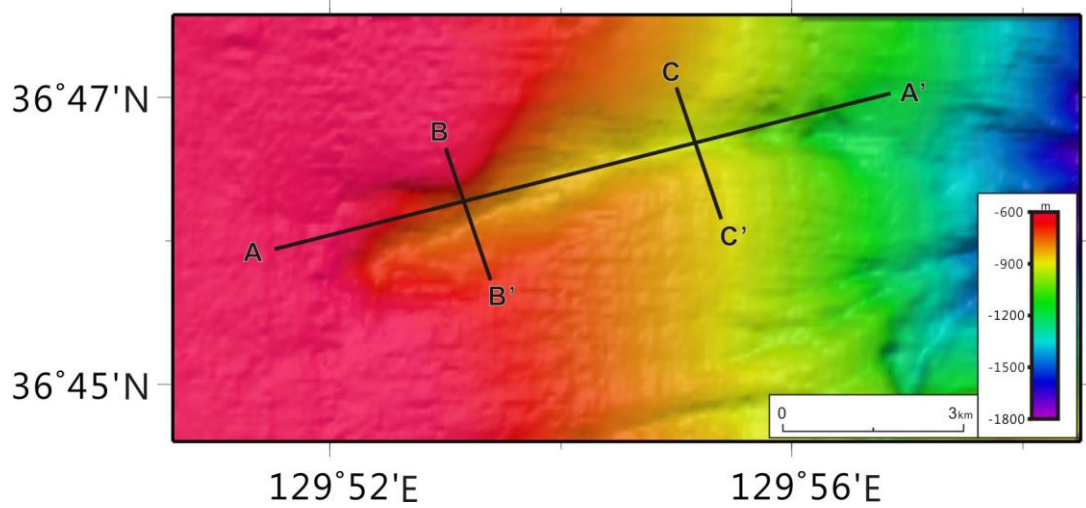
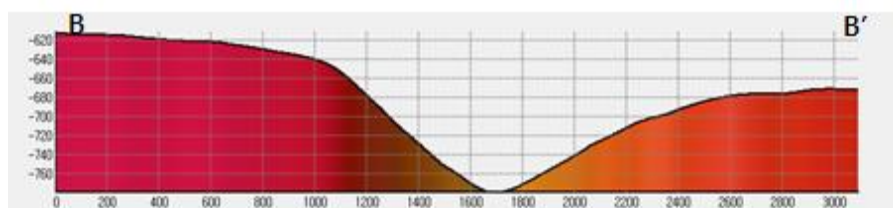
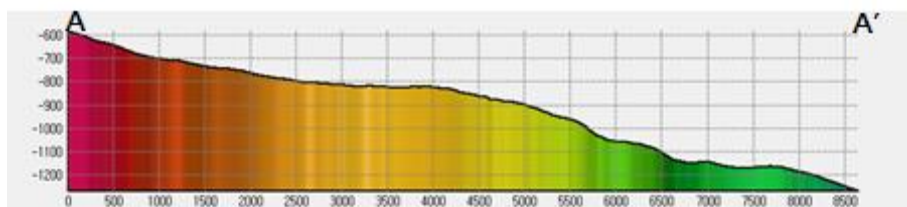


Fig.4. Locations of profiles across Wangdol Canyon



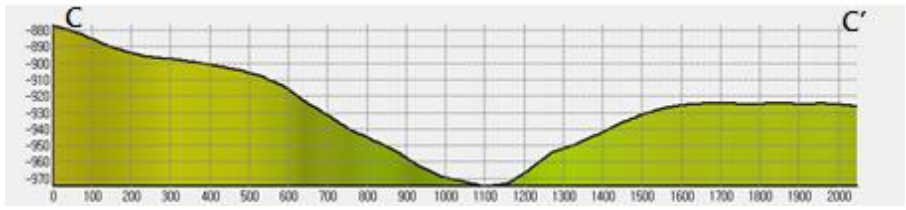


Fig.4a. Profiles across Wangdol Canyon

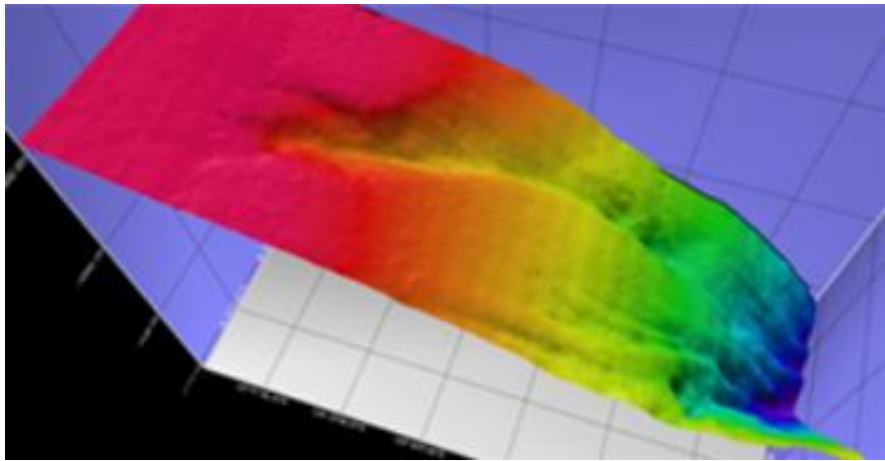


Fig.5. Side view of Wangdol Canyon

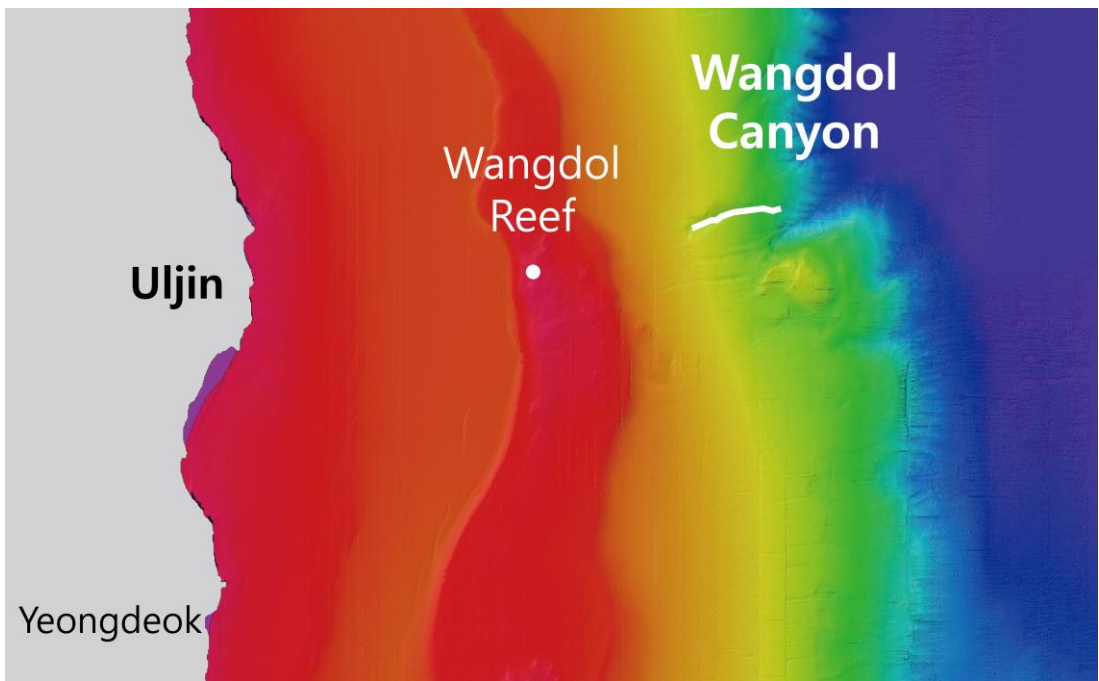


Fig.6. Location of Wangdol Canyon (Line) nearby Wangdol Reef