

UNDERSEA FEATURE NAME PROPOSAL
(Sea NOTE overleaf)

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

| | | | |
|-----------------------|---------------------|----------------------|-------------------|
| Name Proposed: | Ongjin Basin | Ocean or Sea: | Yellow Sea |
|-----------------------|---------------------|----------------------|-------------------|

| | | | | | | |
|--|------|------------------------------|-----------------|-----------------|--------------------|----------------------------|
| Geometry that best defines the feature (Yes/No) : | | | | | | |
| Point | Line | Polygon | Multiple points | Multiple lines* | Multiple polygons* | Combination of geometries* |
| | | Yes (Small scale) | | | | |

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

| | Lat. | Long. |
|---|------------------|-------------------|
| Centroid Coordinates: | 37°21.7'N | 124°36.6'E |
| | 37°22.3'N | 124°35.5'E |
| | 37°22.3'N | 124°35.6'E |
| | 37°22.4'N | 124°35.9'E |
| | 37°22.6'N | 124°36.2'E |
| | 37°22.6'N | 124°36.4'E |
| | 37°22.5'N | 124°36.5'E |
| Polygon Coordinates: (Range) | 37°21.5'N | 124°37.3'E |
| | 37°21.3'N | 124°37.3'E |
| | 37°20.9'N | 124°37.1'E |
| | 37°20.9'N | 124°36.7'E |
| | 37°21.0'N | 124°36.6'E |
| | 37°21.3'N | 124°36.2'E |
| | 37°21.8'N | 124°36.0'E |
| | 37°22.2'N | 124°35.5'E |
| | 37°00.0'N | 124°00.0'E |

| | | | | |
|-----------------------------|-----------------|------------|------------------|-----------------------|
| Feature Description: | Maximum Depth: | 85m | Steepness : | 0.5° |
| | Minimum Depth : | 77m | Shape : | |
| | Total Relief : | 8m | Dimension/Size : | 1.65km x3.5 km |

| | |
|-----------------------------|--|
| Associated Features: | |
|-----------------------------|--|

| | | |
|------------------------------|-----------------------------|--|
| 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): | The name of Ongjin Basin is derived from the nearby county (gun) with the same name. Ongjin-gun is an administrative district which belongs to the Incheon metropolitan area. "Ongjin Basin" lies in the south of Baengnyeong-do, in the west of the Incheon metropolitan area. |
|--|--|

| | | |
|-------------------------|--------------------------------|---------------------|
| Discovery Facts: | Discovery Date: | 2009 |
| | Discoverer (Individual, Ship): | R/V Badaro 1 |

| | | |
|--|--|------------------------------|
| Supporting Survey Data, including Track Controls: | Date of Survey: | 2009 |
| | Survey Ship: | R/V Badaro 1 |
| | Sounding Equipment: | Simrad EM-3000 |
| | Type of Navigation: | DGPS(Trimble 4000DSi) |
| | Estimated Horizontal Accuracy (nm): | +/- 0.00054nm(1m) |
| | Survey Track Spacing: | 200 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: | 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: | <u>Ongjin Basin</u> is a very shallow depression in the Yellow Sea shelf area, west of the Korea Peninsula. Irregular slope interruptions, especially in the southern sector, are indicative of downslope drainage from the shelf. It was probably formed during the last Pleistocene sea-level low-stand. |
|-----------------|---|

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 |
|--|--|

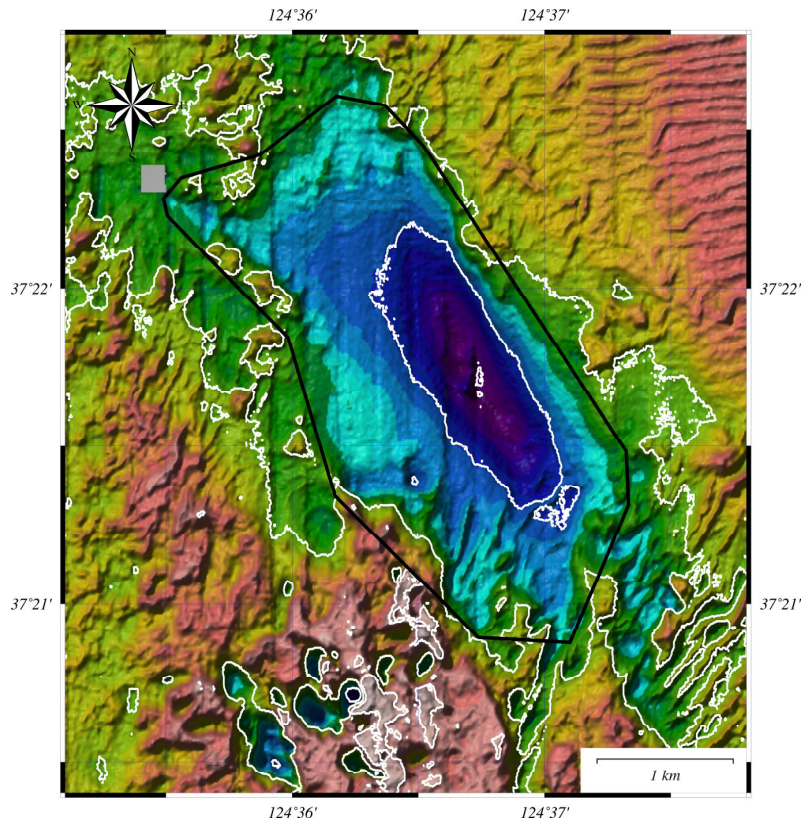


Fig.1. 2-D Bathymetric Contour map

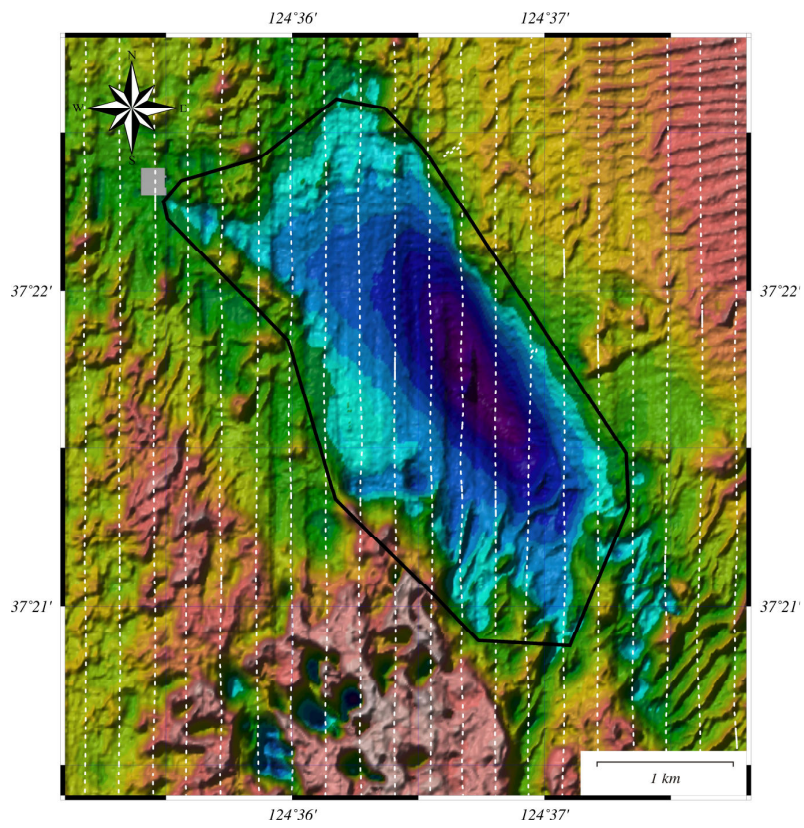


Fig.2. Track lines in survey area

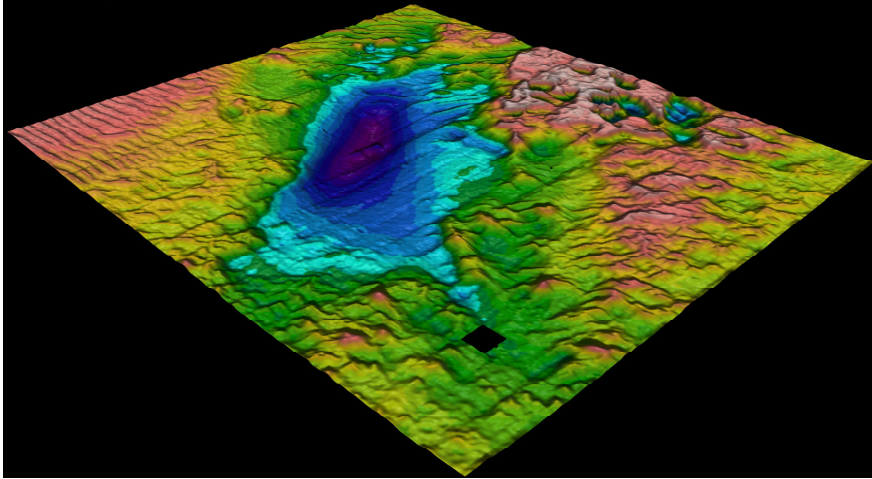


Fig.3. 3-D Topographic map

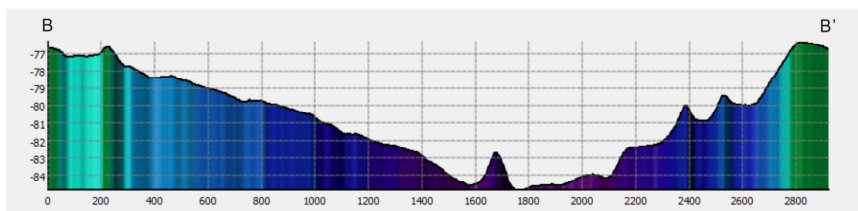
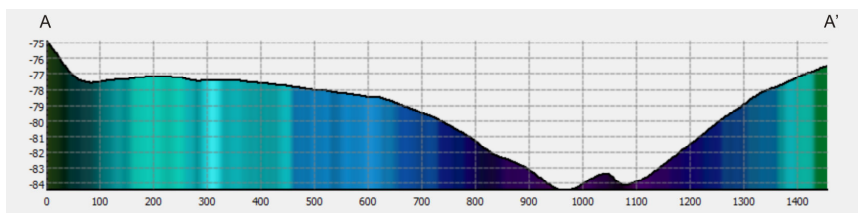
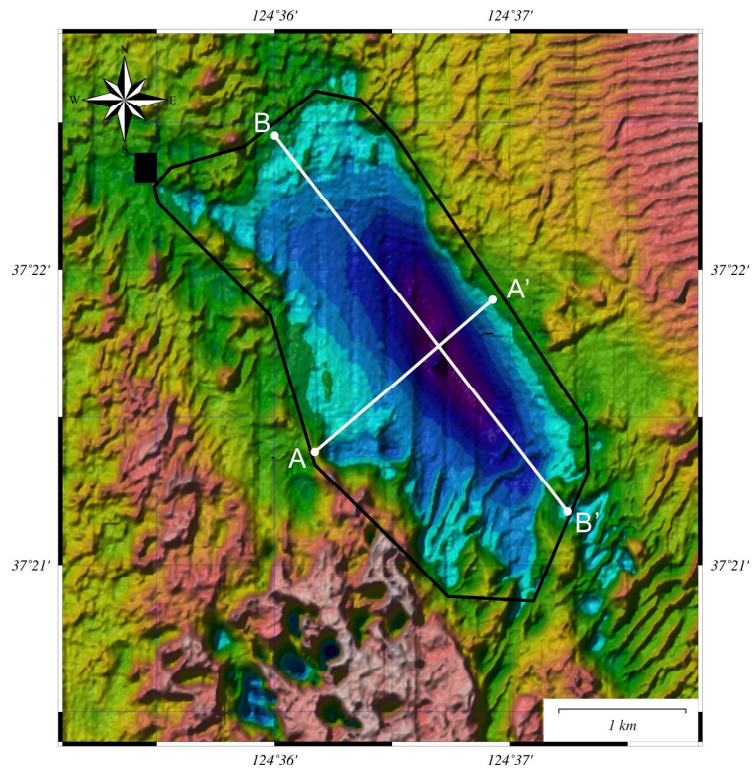


Fig.4. Profiles across Onjin Basin