

**UNDERSEA FEATURE NAME PROPOSAL**

(Sea NOTE overleaf)

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

|                       |                     |                      |                       |
|-----------------------|---------------------|----------------------|-----------------------|
| <b>Name Proposed:</b> | <b>Maisan Hills</b> | <b>Ocean or Sea:</b> | <b>Southern Ocean</b> |
|-----------------------|---------------------|----------------------|-----------------------|

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

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

|                             |                   |                    |
|-----------------------------|-------------------|--------------------|
|                             | <b>Lat.</b>       | <b>Long.</b>       |
| <b>Point Coordinate:</b>    | <b>75°49.10'S</b> | <b>165°41.88'E</b> |
| <b>Polygon Coordinates:</b> | <b>75°48.20'S</b> | <b>165°41.42'E</b> |
|                             | <b>75°48.44'S</b> | <b>165°42.79'E</b> |
|                             | <b>75°48.85'S</b> | <b>165°43.34'E</b> |
|                             | <b>75°50.03'S</b> | <b>165°42.35'E</b> |
|                             | <b>75°50.57'S</b> | <b>165°41.43'E</b> |
|                             | <b>75°50.88'S</b> | <b>165°40.61'E</b> |
|                             | <b>75°49.95'S</b> | <b>165°40.34'E</b> |

|                             |                 |              |                  |                        |
|-----------------------------|-----------------|--------------|------------------|------------------------|
| <b>Feature Description:</b> | Maximum Depth:  | <b>600 m</b> | Steepness :      | <b>10 ~ 16°</b>        |
|                             | Minimum Depth : | <b>350 m</b> | Shape :          | <b>Two peaks</b>       |
|                             | Total Relief :  | <b>250 m</b> | Dimension/Size : | <b>1,600 x 5,500 m</b> |

|                             |  |
|-----------------------------|--|
| <b>Associated Features:</b> |  |
|-----------------------------|--|

|                              |                             |  |
|------------------------------|-----------------------------|--|
| <b>Chart/Map References:</b> | Shown Named on Map/Chart:   |  |
|                              | Shown Unnamed on Map/Chart: |  |
|                              | Within Area of Map/Chart:   |  |

|  |   |
|--|---|
| <b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named): | <b>Maisan is the name of a Korean mountain located on Jinan Plateau, which is famous for its shape similar to the ears of a horse. The shape of "Maisan Hills" is similar to that of "Maisan" in Korea.</b> |
|--|---|

|                         |                                |                  |
|-------------------------|--------------------------------|------------------|
| <b>Discovery Facts:</b> | Discovery Date:                | <b>2014-2-12</b> |
|                         | Discoverer (Individual, Ship): | <b>ARAON</b>     |

|  |  |                   |
|--|--|-------------------|
| <b>Supporting Survey Data, including Track Controls:</b> | Date of Survey:  | <b>2014-2-12</b>  |
|  | Survey Ship:   | <b>IBRV ARAON</b> |
|  | Sounding Equipment:  | <b>EM122</b>      |
|  | Type of Navigation:  | <b>Autopilot</b>  |
|  | Estimated Horizontal Accuracy (nm):                                      | <b>5 m *</b>      |
|  | Survey Track Spacing:  | <b>None</b>       |
|  | 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).

|                     |  |  |  |
|---------------------|--|--|--|
| <b>Proposer(s):</b> | Name(s):   | <b>Korea Committee on<br/>Geographical Names (KCGN),<br/>Republic of Korea</b> |  |
|                     | Date:  | <b>September 1, 2015</b>   |  |
|                     | E-mail:  | <b>infokhoa@korea.kr</b>   |  |
|                     | Organization and Address:                              | <b>351, Haeyang-ro, Yeongdo-gu,<br/>Busan, Republic of Korea</b>               |  |
|                     | Concurrer (name, e-mail, organization<br>and address): |  |  |

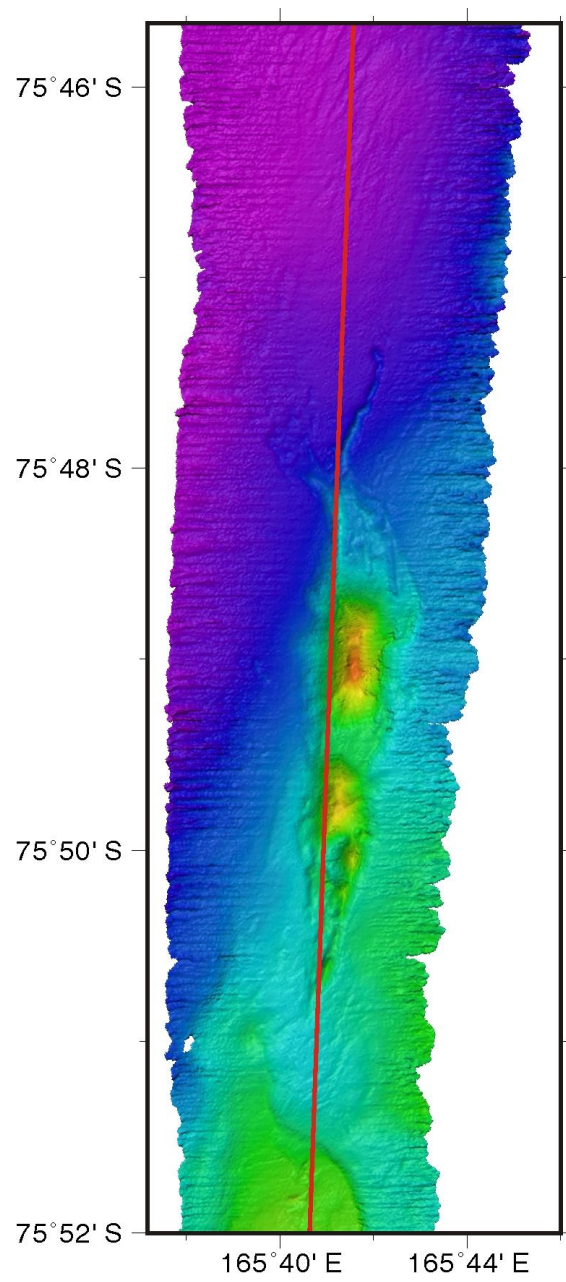
|                 |  |
|-----------------|--|
| <b>Remarks:</b> |  |
|-----------------|--|

**NOTE :** This form should be forwarded, when completed :

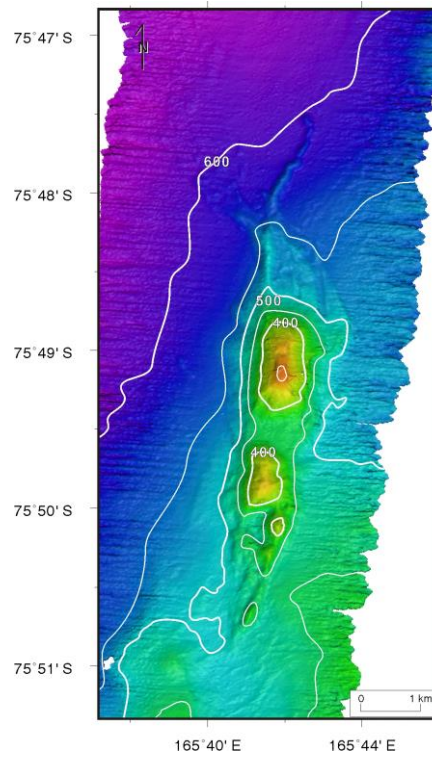
- a) **If the undersea feature is located inside the external limit of the territorial sea :-**  
to your "National Authority for Approval of Undersea Feature Names" (see page 2-9) or, if this does not exist or is not known, either to the IHB or to the IOC (see addresses below);
- b) **If at least 50 % 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)<br>4, Quai Antoine 1er<br>B.P. 445<br>MC 98011 MONACO CEDEX<br><u>Principality of MONACO</u><br>Fax: +377 93 10 81 40<br>E-mail: <a href="mailto:info@ihb.mc">info@ihb.mc</a> | Intergovernmental Oceanographic Commission (IOC)<br>UNESCO<br>Place de Fontenoy<br>75700 PARIS<br><u>France</u><br>Fax: +33 1 45 68 58 12<br>E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a> |
|---|---|

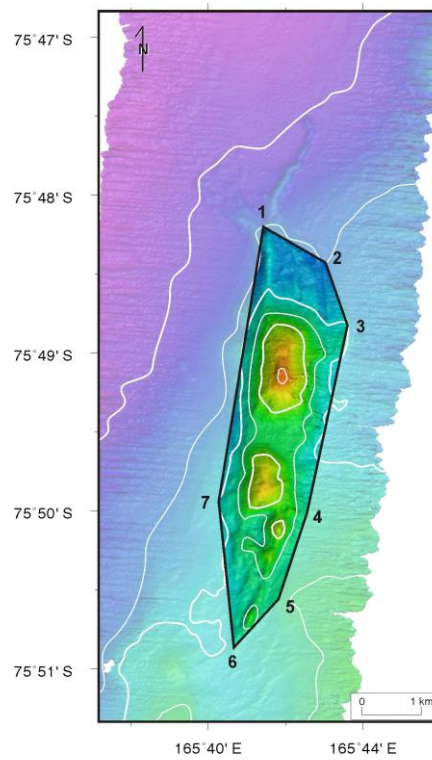
# Maisan Hills



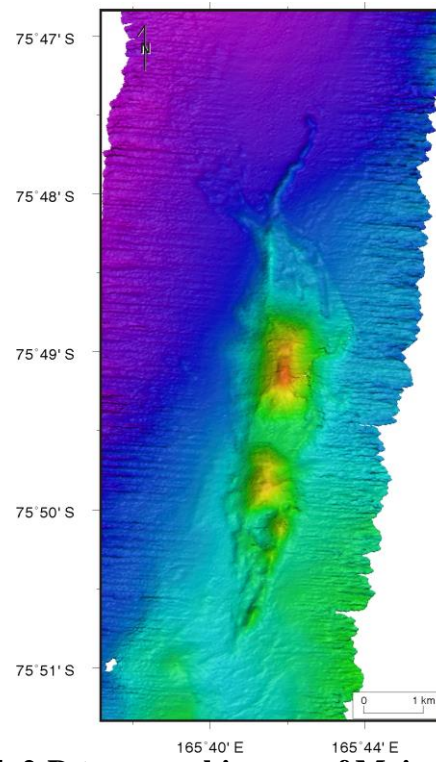
**Fig.1. Track line in survey area.**



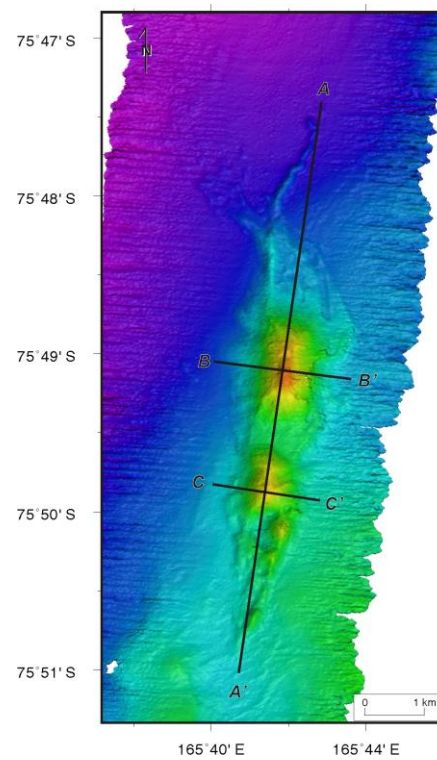
**Fig.2. 2-D Bathymetric contour map of Maisan Hills**



**Fig.3. Polygon boundary of Maisan Hills.**

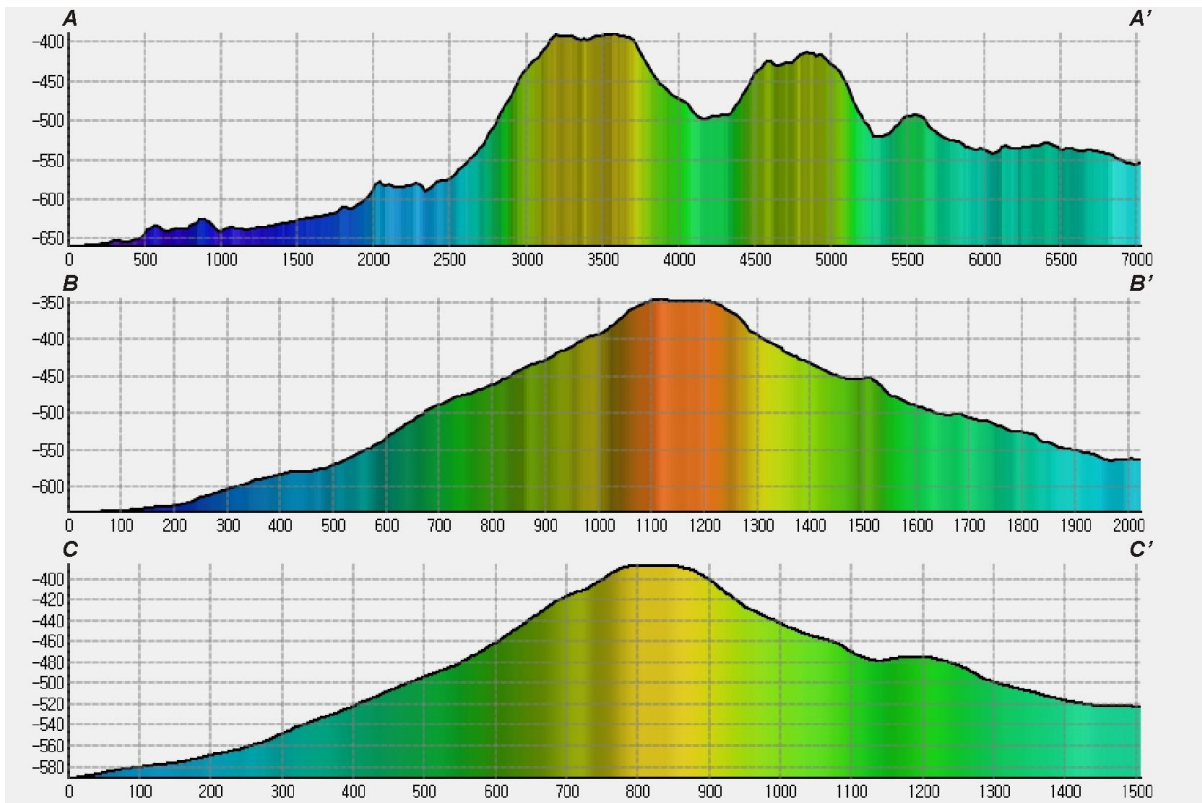


**Fig.4. 2-D topographic map of Maisan Hills**

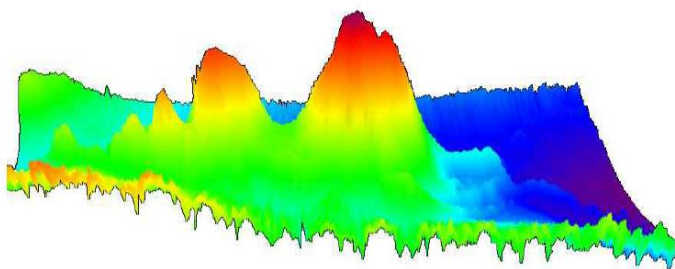


**Fig.5. Profile locations across Maisan Hills.**





**Fig.5a. Profiles across Maisan Hills**



**Fig.6. Side view of Maisan Hills**



**Fig.7. Maisan (famous mountain in Korea)**