

**UNDERSEA FEATURE NAME PROPOSAL**

(See **NOTE** overleaf)

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

|                       |                 |                      |                    |
|-----------------------|-----------------|----------------------|--------------------|
| <b>Name Proposed:</b> | Taguan Seamount | <b>Ocean or Sea:</b> | West Pacific Ocean |
|-----------------------|-----------------|----------------------|--------------------|

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

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

|                     |                       |                         |
|---------------------|-----------------------|-------------------------|
| <b>Coordinates:</b> | Lat. (e.g. 63°32.6'N) | Long. (e.g. 046°21.3'W) |
|                     | 10°21.2 N (top)       | 134°43.7 E (top)        |
|                     | 10°30.5 N (bottom)    | 134°42.2 E (bottom)     |
|                     | 10°29.8 N             | 134°46.0 E              |
|                     | 10°30.2 N             | 134°50.2 E              |
|                     | 10°27.3 N             | 134°51.0 E              |
|                     | 10°23.3 N             | 134°49.8 E              |
|                     | 10°21.0 N             | 134°48.3 E              |
|                     | 10°17.7 N             | 134°48.2 E              |
|                     | 10°16.1 N             | 134°47.4 E              |
|                     | 10°15.3 N             | 134°45.5 E              |
|                     | 10°15.6 N             | 134°43.1 E              |
|                     | 10°17.5 N             | 134°38.4 E              |
|                     | 10°21.6 N             | 134°37.9 E              |
|                     | 10°23.8 N             | 134°39.5 E              |
|                     | 10°27.6 N             | 134°40.4 E              |
| 10°30.5 N           | 134°42.2 E            |                         |

|                             |                |        |                 |               |
|-----------------------------|----------------|--------|-----------------|---------------|
| <b>Feature description:</b> | Maximum Depth: | 3400 m | Steepness:      | 6°            |
|                             | Minimum Depth: | 2300 m | Shape:          | ellipse       |
|                             | Total Relief:  | 1100 m | Dimension/Size: | 30 km × 18 km |

|                             |   |
|-----------------------------|---|
| <b>Associated Features:</b> | This seamount is on Kyushu-Palau ridge in West Pacific Ocean, with “Qilai” seamount in its northeast direction. |
|-----------------------------|---|

|                              |                            |            |
|------------------------------|----------------------------|------------|
| <b>Chart/Map References:</b> | Shown Named on Chart/Map   |            |
|                              | Shown Unnamed on Chart/Map | GEBCO 5.07 |
|                              | Within Area of Chart/Map   |            |

|  |   |
|--|---|
| <b>Reason for Choice of Name</b> (if a | This name comes from a mountain in Taiwan, China. Taiwan island |
|--|---|

|   |   |
|---|---|
| person, state how associated with the feature to be named): | has the world's highest mountain density. The "Taguan" mountain is one of a hundred famous mounts in Taiwan. There are many seamounts in Kyushu-Palau ridge in West Pacific Ocean. We use seven mountain names, e.g. "Jiali", "Jiayang", "Yize", "Xiangyang", "Qilai", "Nanhua", "Taguan" to name seven seamounts in this region. |
|---|---|

|                         |                               |                        |
|-------------------------|-------------------------------|------------------------|
| <b>Discovery Facts:</b> | Discovery Date:               | July 2011              |
|                         | Discoverer(individual, ship): | R/V Xiang Yang Hong 14 |

|  |  |                        |
|--|--|------------------------|
| <b>Supporting Survey data, including Track Controls:</b> | Date of survey:  | July 2011              |
|  | Survey ship:   | R/V Xiang Yang Hong 14 |
|  | Sounding Equipment:  | Reson SeaBat 7150      |
|  | Type of navigation:  | StarFire2050M          |
|  | Estimated Horizontal Accuracy:   | 0.0025nm (5m)          |
|  | Distance between survey lines:   | 10 km                  |
|  | Supporting material can be submitted as annex in analog or digital form. |                        |

|                     |  |   |
|---------------------|--|---|
| <b>Proposer(s):</b> | Name(s):   | The Second Institute of Oceanography, State Oceanic Administration, China         |
|                     | Date :   | 27 July 2016  |
|                     | E-mail:  | 0911guang@163.com   |
|                     | Organization and address:  | The Second Institute of Oceanography, No.36 Baochubei Road, Hangzhou China 310012 |
|                     | Concurrer(name, organization, address):  | Li Shoujun, Wu Ziyin, Gao Jinyao<br>The Second Institute of Oceanography          |
| <b>Remark :</b>     | The proposal has been reviewed and approved by Sub-Committee on Undersea Feature Names of China Committee on Geographical Names (CCUFN)<br>No.1 Fuxingmenwai Ave. Beijing 100860<br>heyunxu@sina.com |   |

**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 exist or is not known, either to the IHB or to the IOC (see address 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 address:

|   |  |
|---|--|
| International Hydrographic Bureau (IHB)<br>4, Quai Antoine 1er<br>B.P. 445<br>MC 98011 MONACO CEDEX | Intergovernmental Oceanographic Commission (IOC)<br>UNESCO<br>Place de Fontenoy<br>75700 PARIS |
|---|--|

Principality of MONACO

Fax: +377 93 10 81 40

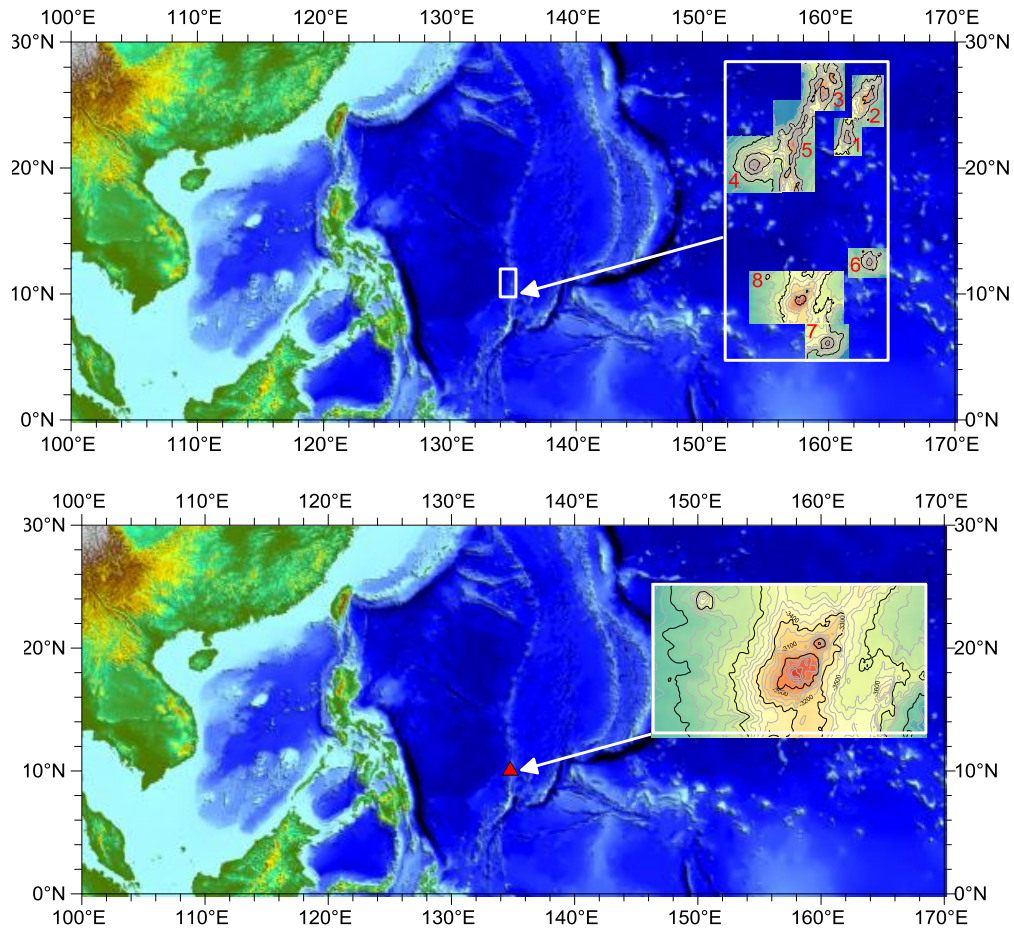
E-mail: [info@ihb.mc](mailto:info@ihb.mc)

France

Fax: +33 1 45 68 58 12

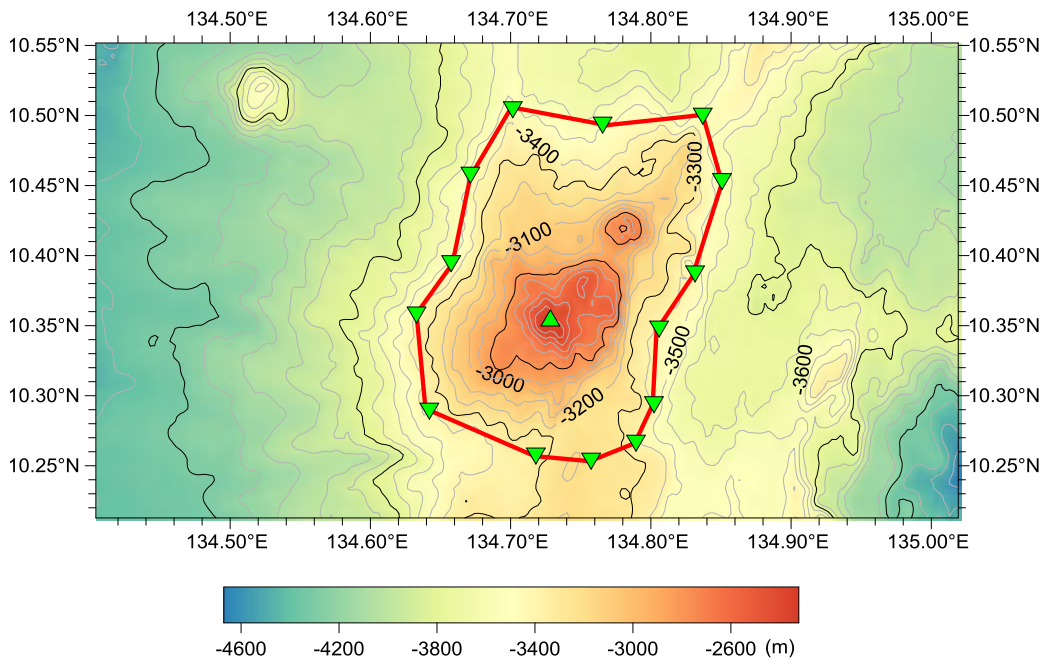
E-mail: [info@unesco.org](mailto:info@unesco.org)

## Attachment

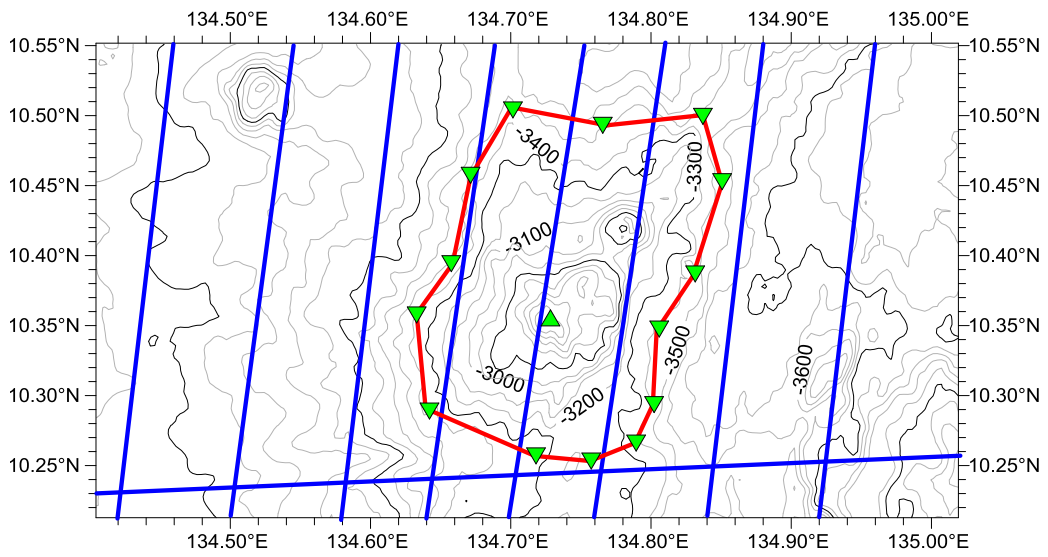


**Fig.1** Index map showing the location of Taguan Seamount

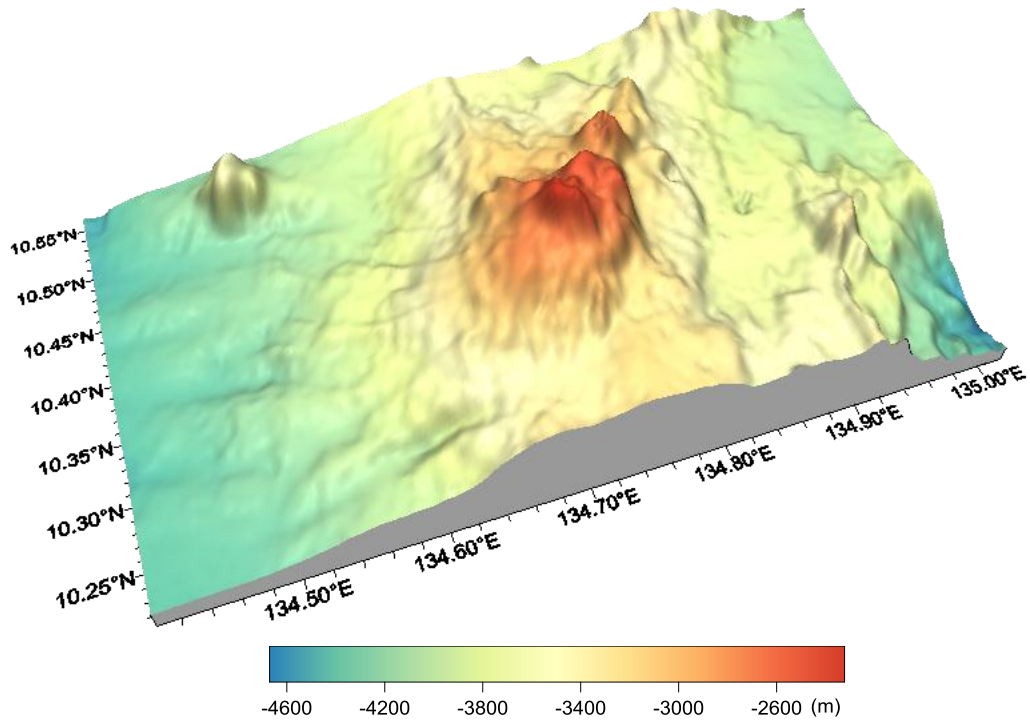
1-Jiali Seamount, 2-Jiayang Seamount, 3-Yize Seamount, 4-Xiangyang Seamount, 5-Pingfeng Ridge, 6-Qilai Seamount, 7-Nanhua Seamount, **8-Taguan Seamount.**



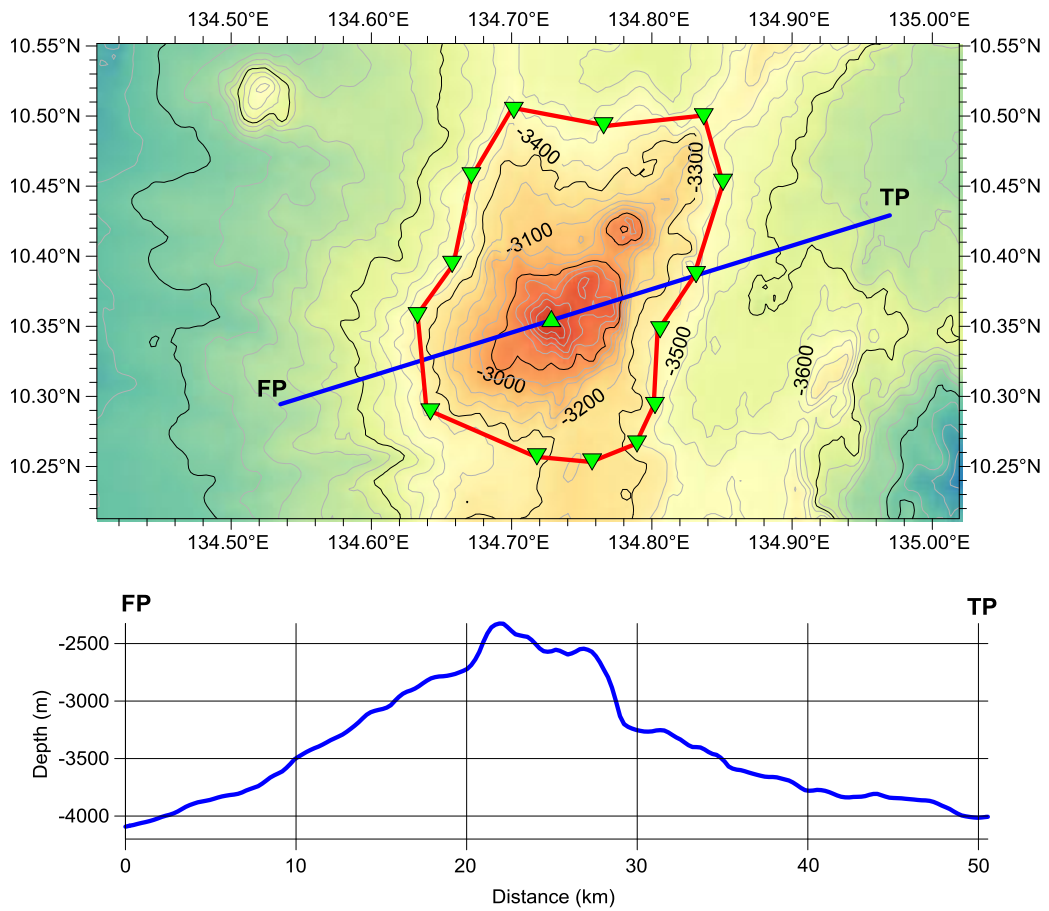
**Fig.2** Bathymetric map of Taguan Seamount  
(Contours are in 100 m Spacing)



**Fig.3** Bathymetric map of Taguan Seamount, showing track lines  
(Contours are in 100 m, blue lines are survey lines)



**Fig.4** 3-D topography map of Taguan Seamount



**Fig.5** Bathymetric map and profile of Taguan Seamount