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| International Hydrographic Organization | Intergovernmental Oceanographic Commission |
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### Naming Proposal Form of Undersea Features on the International Seabed

Note: The form unit can be expanded when filling out this form.

|             |                        |               |                    |
|-------------|------------------------|---------------|--------------------|
| To be named | <b>Baihou Seamount</b> | Located Ocean | East Pacific Ocean |
|-------------|------------------------|---------------|--------------------|

|  |      |         |              |              |                   |                                 |
|--|------|---------|--------------|--------------|-------------------|---------------------------------|
| The geometry that best delimits the undersea features(Y/N) |      |         |              |              |                   |                                 |
| Point  | Line | Polygon | Multi-points | Multi-lines* | Multiple polygons | Multiple geometric combinations |
|  |      | Y       |              |              |                   |                                 |

\* The geometry should be clearly reflected when the following coordinates are provided.


|                    | Latitude (e.g. 63°32.6'N) | Longitude (e.g. 046°21.3'W) |
|--------------------|---------------------------|-----------------------------|
| Coordinates        | 12°21.3'N (Vertex)        | 141°57.6'W (Vertex)         |
|                    | 12°21.7'N (Bottom)        | 142°00.0'W (Bottom)         |
|                    | 12°22.6'N                 | 141°59.6'W                  |
|                    | 12°23.1'N                 | 141°58.7'W                  |
|                    | 12°23.5'N                 | 141°58.0'W                  |
|                    | 12°23.7'N                 | 141°57.1'W                  |
|                    | 12°23.4'N                 | 141°56.2'W                  |
|                    | 12°22.6'N                 | 141°55.5'W                  |
|                    | 12°21.5'N                 | 141°55.1'W                  |
|                    | 12°20.2'N                 | 141°55.2'W                  |
|                    | 12°19.3'N                 | 141°55.4'W                  |
|                    | 12°18.6'N                 | 141°55.9'W                  |
|                    | 12°18.3'N                 | 141°57.0'W                  |
|                    | 12°18.6'N                 | 141°58.5'W                  |
|                    | 12°19.4'N                 | 141°59.5'W                  |
|                    | 12°20.6'N                 | 142°00.1'W                  |
| 12°21.7'N (Bottom) | 142°00.0'W (Bottom)       |                             |

|                                  |                     |       |       |           |
|----------------------------------|---------------------|-------|-------|-----------|
| Description of Undersea Features | Maximum water depth | 4865m | Slope |           |
|                                  | Minimum water depth | 3597m | Shape |           |
|                                  | Height              | 1268m | Scale | 10km×10km |

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| Description of Related Undersea Features | <b>Baihou Seamount</b> is located about 94 km northwest of Egiazarov Seamount, with an overlooking shape of circle. |
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|                     |   |            |
|---------------------|---|------------|
| Reference Chart/Map | Chart/Map labeled with the named undersea feature |            |
|                     | Chart/Map labeled with the unnamed undersea       | GEBCO 5.07 |

|  |   |  |
|--|---|--|
|  | feature   |  |
|  | Chart/Map labeled with area of the undersea feature |  |

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| <p>Reason for choosing the name (if it is a person's name, the relationship with the entity to be named should be stated):</p> | <p>We name 6 features in this area after 6 kinds of seabird of family Hydrobatidae, which usually appear in the Pacific Ocean. The Polynesian storm petrel is a typical oceanic seabird of family Oceanitidae, order Procellariiformes. It is distributed near several islands in the Pacific Ocean. This seamount is named after Baihou, the name of the Polynesian storm petrel in Chinese.</p>  |
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|                    |                                 |  |
|--------------------|---------------------------------|--|
| Facts of Discovery | Discovery date                  | Sep. to Nov., 2017                                 |
|                    | Discoverer (individual, vessel) | Xiangyanghong 06, Chinese scientific research ship |

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| Obtained Survey Data Supporting for This Discovery, Including Line Control:               | Survey date                                    | Sep. to Nov., 2017                                |
|   | Survey vessel                                  | Xiangyanghong06, Chinese scientific research ship |
|   | Sounding equipment                             | Multibeam sounding system (EM122)                 |
|   | Navigation type                                | GPS   |
|   | Estimated horizontal accuracy (nautical miles) | ≤0.08 nm  |
|   | Line spacing (nautical mile)                   | 5nm   |
| Support materials can be submitted as attachments in mock or digital form: see attachment |  |   |

|                 |                  |   |
|-----------------|------------------|---|
| Naming Proposer | Name             | China Minmetals Corporation   |
|                 | Date             | April 8, 2018   |
|                 | E-mail:          | support@minmetals.com   |
|                 | Unit and address | Block A, Minmetals Plaza, No. 3 Chaoyangmen North Street, Dongcheng District, Beijing |

|         |   |
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| Remarks | This proposal has been reviewed and approved by China Subcommittee on Undersea Feature Names (CCUFN).<br>No.64 Fuchengmennei Street, Xicheng District, Beijing, China, 100812<br>heyunxu@sina.com |
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Appendix

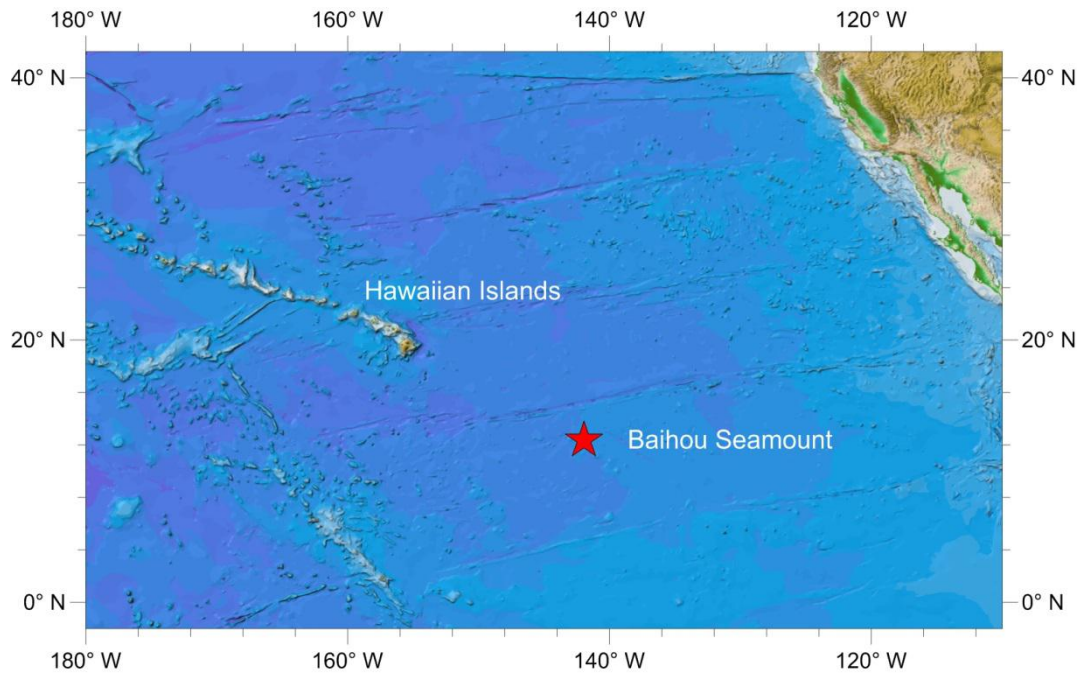


Fig.1 Baihou Seamount location index map

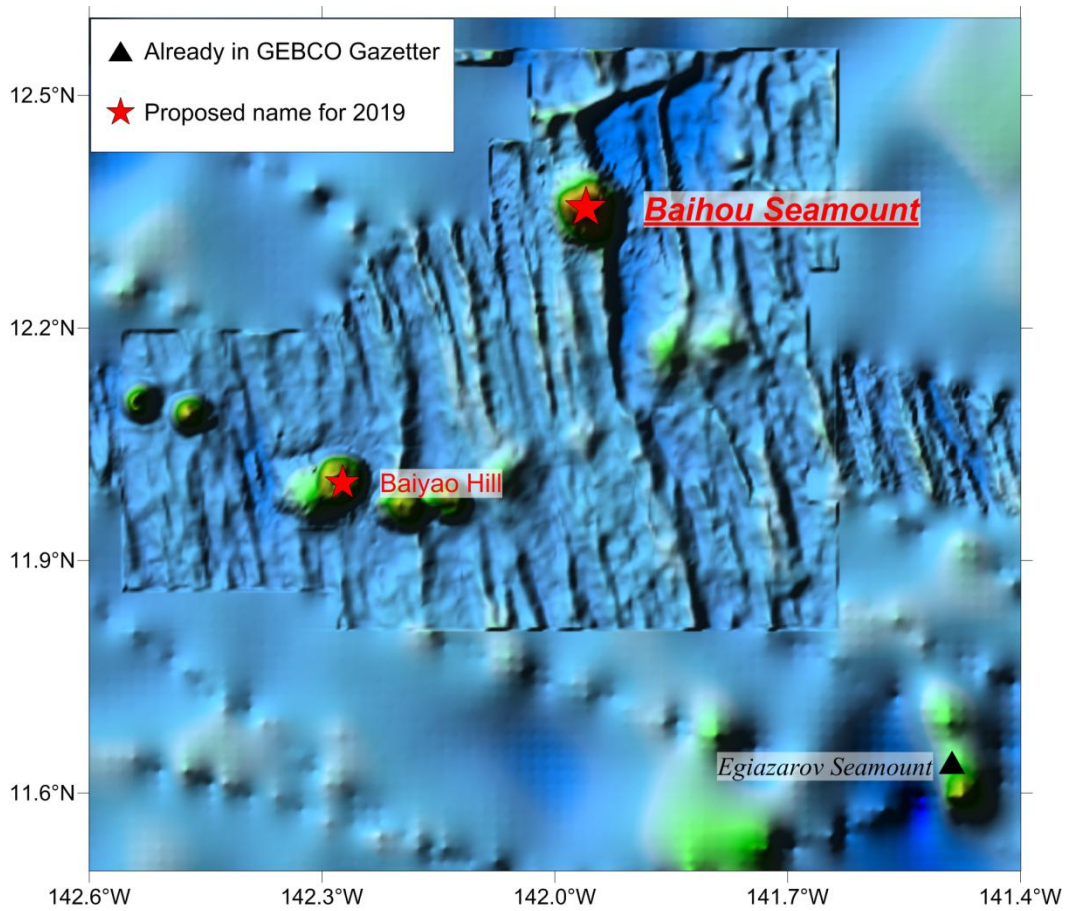


Fig.2 Regional bathymetry map with nearby features of Baihou Seamount

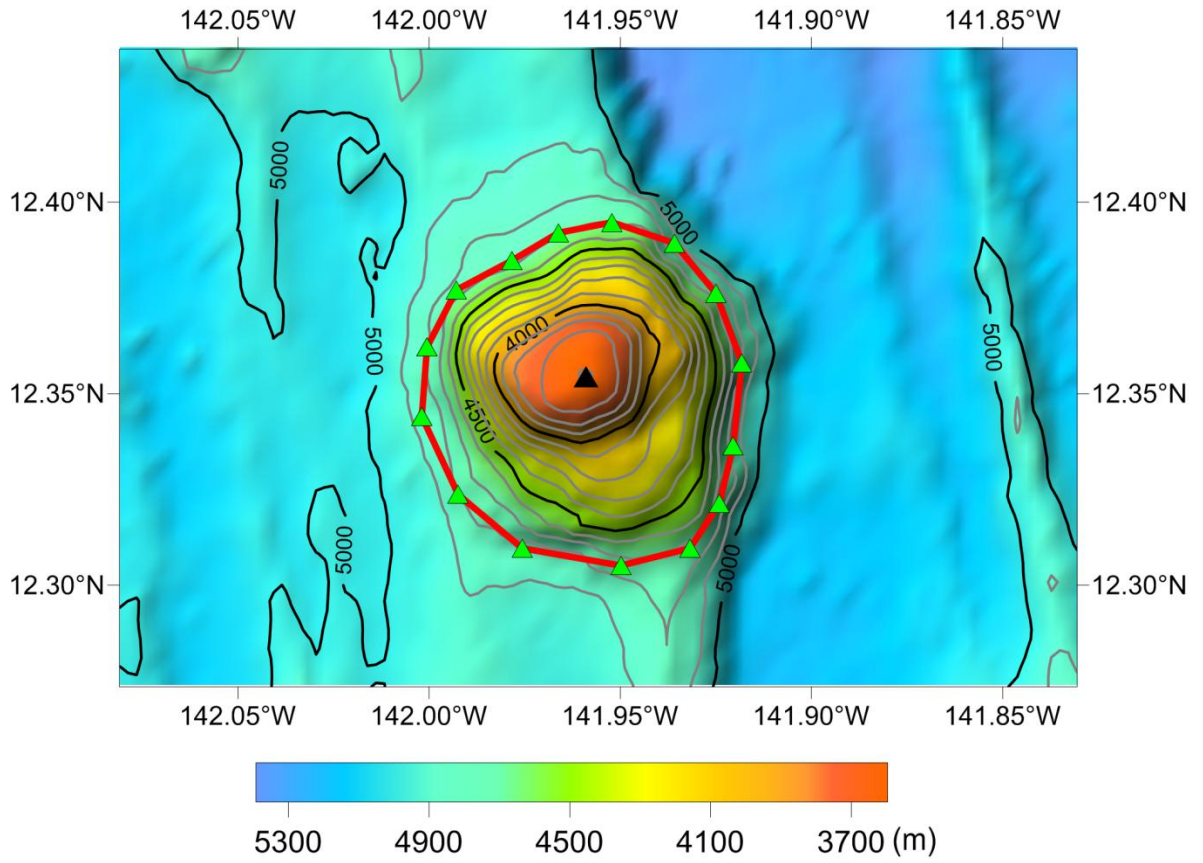


Fig.3 Baihou Seamount topographic map (isobath line spacing of 100m)

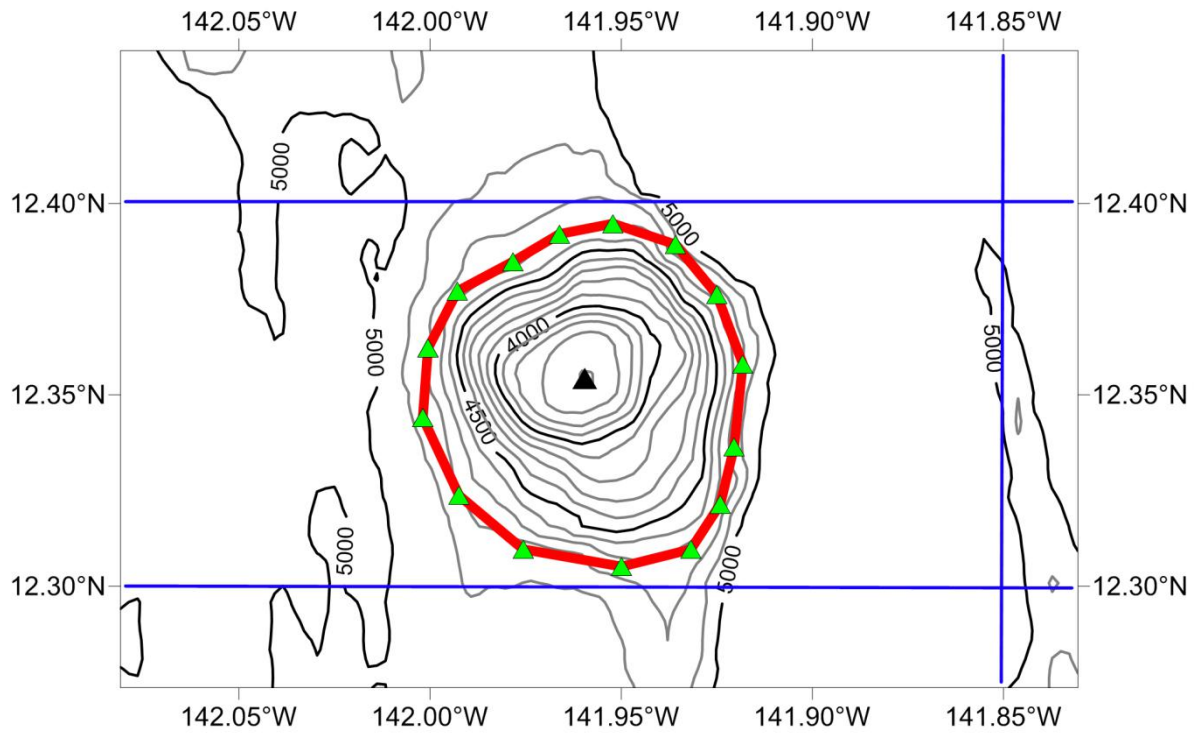


Fig.4 Yuhu Hill isobath line and survey line map (the isobath line spacing is 100m, the blue line is the survey line)

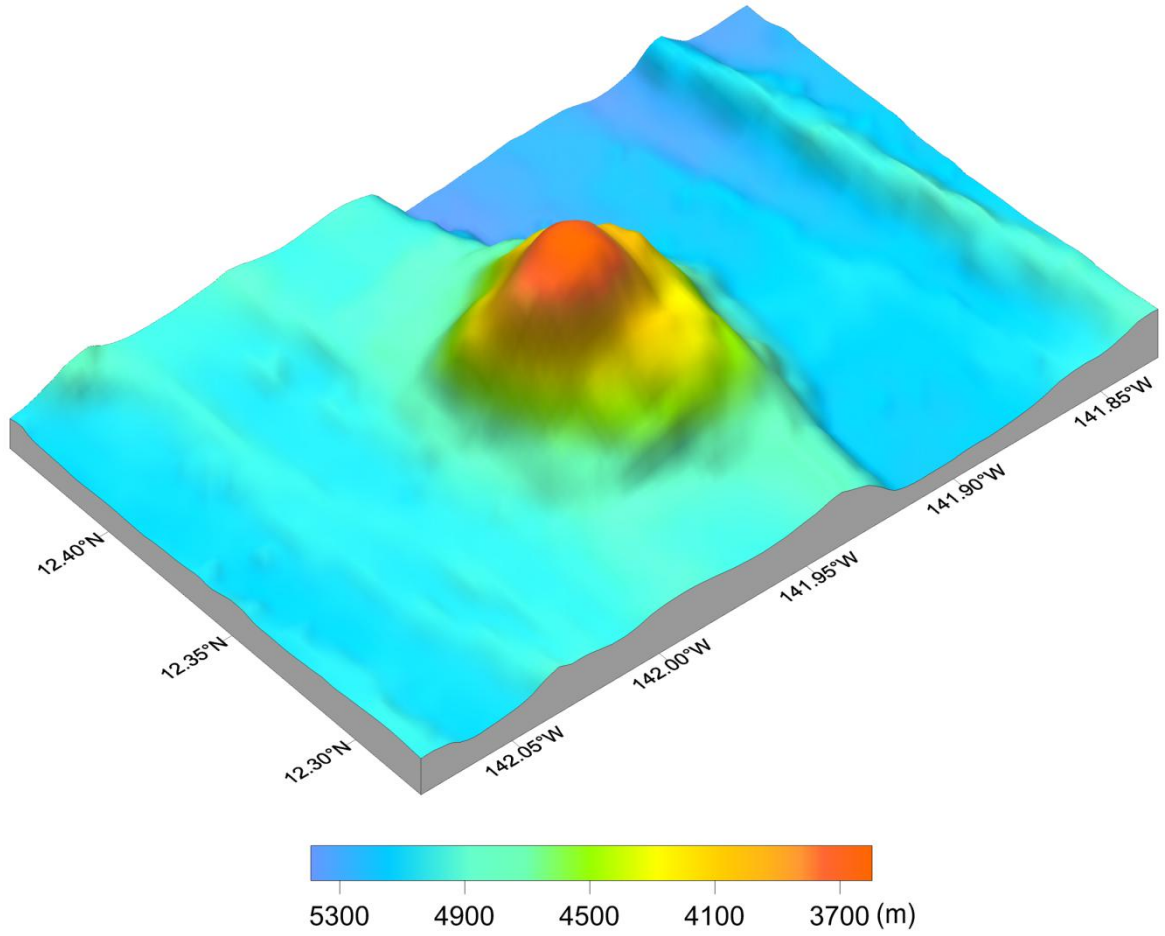


Fig.5 Three-dimensional topographic map of Baihou Seamount

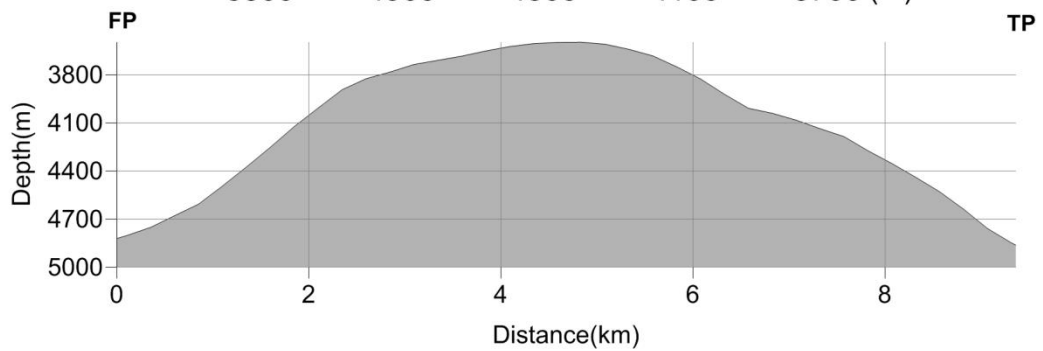
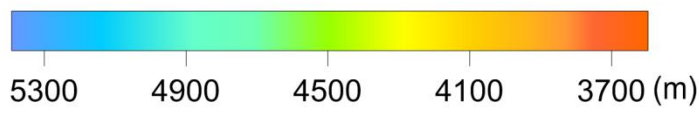
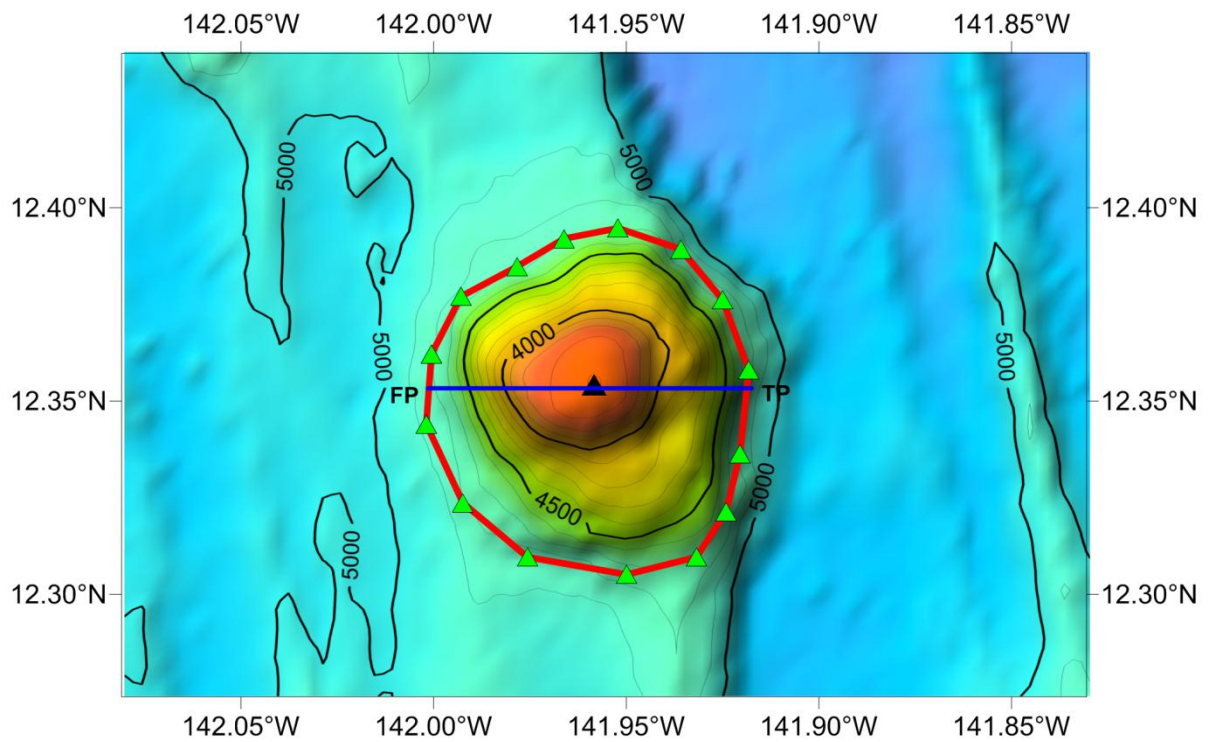


Fig.6 Terrain profile of Baihou Seamount