## INTERNATIONAL HYDROGRAPHIC **ORGANIZATION**

Tsubouchi Knolls

## INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

Northwest Pacific Ocean

<u>UNDERSEA FEATURE NAME PROPOSAL</u> (See IHO-IOC Publication B-6 and **NOTE** overleaf)

Ocean or Sea:

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

Name Proposed:

| Geometry that best Point              | Line                              | Polygon            |                                                                            | Multiple line | es* Mult                        | tiple          | Combination o                         |  |
|---------------------------------------|-----------------------------------|--------------------|----------------------------------------------------------------------------|---------------|---------------------------------|----------------|---------------------------------------|--|
|                                       |                                   | - 73-              |                                                                            |               | polyg                           |                | geometries*                           |  |
|                                       |                                   | Yes                |                                                                            |               |                                 |                | · · · · · · · · · · · · · · · · · · · |  |
| * Geometry should b                   | e clearly distingui               | shed when          | providing the coordina                                                     | ates below.   |                                 |                |                                       |  |
|                                       |                                   |                    | Lat. (e.g. 63°32.6′N                                                       | J)            | Lona.                           | (e.g. 046      | °21.3′W)                              |  |
|                                       |                                   |                    | 21°23.52′N                                                                 |               |                                 | 126°11.12′E    |                                       |  |
|                                       |                                   |                    | 21°25.89′N                                                                 |               | 126°13.53′E                     |                |                                       |  |
|                                       |                                   |                    | 21°23.85′N                                                                 |               | 126°17.67′E                     |                |                                       |  |
|                                       |                                   |                    | 21°21.34′N                                                                 |               |                                 | 126°17.35′E    |                                       |  |
| Coordinates:                          |                                   |                    | 21°20.16′N                                                                 |               |                                 | 126°15.23′E    |                                       |  |
|                                       |                                   |                    | 21°16.21′N                                                                 |               |                                 | 126°14.30′E    |                                       |  |
|                                       |                                   |                    | 21°16.28′N                                                                 |               |                                 | 126°10.30′E    |                                       |  |
|                                       |                                   |                    | 21°20.04′N<br>21°23.52′N                                                   |               | 126°08.28′E<br>126°11.12′E      |                |                                       |  |
|                                       |                                   | 1                  | Z 1 ZJ.JZ IV                                                               | i             |                                 | 120 11.1.      | <u> </u>                              |  |
|                                       | Maximum l                         | Depth:             | 5,899 m                                                                    | Steepne       | :SS :                           | 1,010 m / 8 km |                                       |  |
| Feature Description:                  | Minimum I                         |                    | 4,889 m                                                                    | Shape:        |                                 | Almost conical |                                       |  |
|                                       | Total Relie                       | <del>-</del>       | 1,010 m                                                                    |               | ion/Size :                      |                |                                       |  |
|                                       |                                   |                    |                                                                            |               |                                 |                |                                       |  |
| Associated Featur                     | rac•                              | Ī                  |                                                                            |               |                                 |                |                                       |  |
| Associated Featu                      | 103.                              | <u>İ</u>           |                                                                            |               |                                 |                |                                       |  |
|                                       |                                   |                    | N                                                                          |               |                                 |                |                                       |  |
| Chart/Map References:                 |                                   | L                  | Shown Named on Map/Chart:                                                  |               | 6721                            |                |                                       |  |
|                                       |                                   | L                  | Shown Unnamed on Map/Chart:                                                |               |                                 |                |                                       |  |
|                                       |                                   | Within             | Area of Map/Chart:                                                         |               |                                 |                |                                       |  |
|                                       |                                   |                    |                                                                            |               |                                 |                |                                       |  |
| Reason for Choice                     |                                   |                    | It is named after a famous novelist Shoyo Tsubouchi. This feature is       |               |                                 |                |                                       |  |
| person, state how associated with the |                                   |                    | considered as a satellite feature, being associated with the Great Writers |               |                                 |                |                                       |  |
| feature to be named                   | ):                                | Seam               | ount Province.                                                             |               |                                 |                |                                       |  |
|                                       |                                   |                    |                                                                            |               | _                               |                |                                       |  |
|                                       |                                   |                    | s feature, JCUFN ei                                                        |               |                                 |                |                                       |  |
|                                       |                                   | : •                | specific name, instead of the first name. This is because there is an      |               |                                 |                |                                       |  |
|                                       |                                   |                    | existing feature, the "Shoyo Seamount" (named after the Japanese survey    |               |                                 |                |                                       |  |
|                                       |                                   | vessel             | "Shoyo").                                                                  |               |                                 |                |                                       |  |
|                                       |                                   |                    |                                                                            |               |                                 |                |                                       |  |
| Discovery Facts:                      |                                   |                    | Discovery Date:                                                            |               | Nov. 1997                       |                |                                       |  |
|                                       |                                   | Discov             | Discoverer (Individual, Ship):                                             |               | Japanese survey vessel "Takuyo" |                |                                       |  |
|                                       |                                   | ····- <del>-</del> |                                                                            | <del>-</del>  |                                 |                |                                       |  |
|                                       |                                   |                    | Date of Survey:                                                            |               | Nov Dec. 1997                   |                |                                       |  |
|                                       | Supporting Survey Data, including |                    | Survey Ship:                                                               |               | Japanese survey vessel "Takuyo" |                |                                       |  |
| Supporting Survey                     | Data, including                   |                    | Sounding Equipement:                                                       |               | Multibeam echo sounder          |                |                                       |  |
| Supporting Survey<br>Track Controls:  | Data, including                   | Soundi             | ng Equipement:                                                             |               |                                 |                |                                       |  |
|                                       | Data, including                   |                    | ng Equipement:  f Navigation:                                              |               | Se                              | eabeam 2       |                                       |  |

|              | Estimated Horizontal Accuracy, in nautical miles (M):                    | 0.054 nm (100 m)                                              |  |  |  |  |
|--------------|--------------------------------------------------------------------------|---------------------------------------------------------------|--|--|--|--|
|              | Survey Track Spacing:                                                    | 10 nm                                                         |  |  |  |  |
|              | Supporting material can be submitted as Annex in analog or digital form. |                                                               |  |  |  |  |
|              |                                                                          |                                                               |  |  |  |  |
|              | Name(s):                                                                 | JCUFN                                                         |  |  |  |  |
|              | Date:                                                                    | August 28, 2017                                               |  |  |  |  |
|              | E-mail:                                                                  | ico@jodc.go.jp                                                |  |  |  |  |
|              | Organization and Address:                                                | Hydrographic and Oceanographic                                |  |  |  |  |
| Proposer(s): |                                                                          | Department, Japan Coast Guard                                 |  |  |  |  |
|              |                                                                          | Kasumigaseki 3-1-1, Chiyoda-ku,                               |  |  |  |  |
|              |                                                                          | Tokyo 100-8932, Japan                                         |  |  |  |  |
|              | Concurrer (name, e-mail, organization and address):                      |                                                               |  |  |  |  |
|              |                                                                          |                                                               |  |  |  |  |
| _            | The position of the summit is located                                    | sition of the summit is located in (21°18.74′N, 126°10.86′E). |  |  |  |  |

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

Remarks:

- 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 Publication B-6) or, if this does not exist or is not known, either to the IHO or to the IOC (see addresses below);
- b) If at least 50 % of the undersea feature is located <u>outside the external limits</u> of the territorial sea:
  - to the IHO or to the IOC, at the following addresses :

International Hydrographic Organization (IHO) Intergovernmental Oceanographic Commission (IOC) 4b, Quai Antoine 1er **UNESCO** Place de Fontenoy B.P. 445 MC 98011 MONACO CEDEX 75700 PARIS Principality of MONACO **France** Fax: +377 93 10 81 40 Fax: +33 1 45 68 58 12 E-mail: info@iho.int E-mail: info@unesco.org Web: www.iho.int Web: <a href="http://ioc-unesco.org/">http://ioc-unesco.org/</a>

## Personal history of the late Mr. Shoyo Tsubouchi

**Given name:** Shoyo **Family name:** Tsubouchi

1859 Born in Gifu, Japan

1935 Diseased

**Remarks** (from Wikipedia): He was a Japanese novelist active during the Meiji to Taisho periods of Japan. He is regarded as one of the leading novelists in the Japanese literature during the Meiji to Taisho periods. He is also famous in his complete trasltaion (into Japanaese) of the plays of William Shakespeare.



See more at <a href="https://en.wikipedia.org/wiki/Tsubouchi\_Sh%C5%8Dy%C5%8D">https://en.wikipedia.org/wiki/Tsubouchi\_Sh%C5%8Dy%C5%8D</a> <a href="https://en.wikipedia.org/wiki/Japanese">https://en.wikipedia.org/wiki/Japanese</a> <a href="https://en.wikipedia.org/wiki/Japanese">literature#Modern</a> <a href="https://en.wikipedia.org/wiki/Japanese">https://en.wikipedia.org/wiki/Japanese</a> <a href="https://en.wikipedia.org/wiki/Japanese">https://en.wikipedia.org/wiki/Japanese</a> <a href="https://en.wikipedia.org/wiki/Japanese">https://en.wikipedia.org/wiki/Japanese</a> <a href="https://en.wikipedia.org/wiki/Japanese">https://en.wikipedia.org/wiki/Japanese</a> <a href="https://en.wikipedia.org/wiki/Japanese">https://en.wikipedia.org/wiki/Japanese</a> <a href="https://en.wikipedia.org/wiki/Japanese">https://en.wikipedia.org/wiki/Japanese</a> <a href="https://en.wiki/Japanese">https://en.wiki/Japanese</a> <a href="https://en.wiki/Japanese">https://en.wiki/Japanese</a> <a href="https://en.wiki/Japanese">https://en.wiki/Japanese</a> <a href="https://en.wiki/Japanese">https://en.wiki/Japanese</a> <a href="https://en.wiki/Japanese</a> <a href="https://en.wiki/Japanese</a> <a href="https://en.wiki/Japanese</a> <a href="https://en.wiki/Japanese</a> <a h

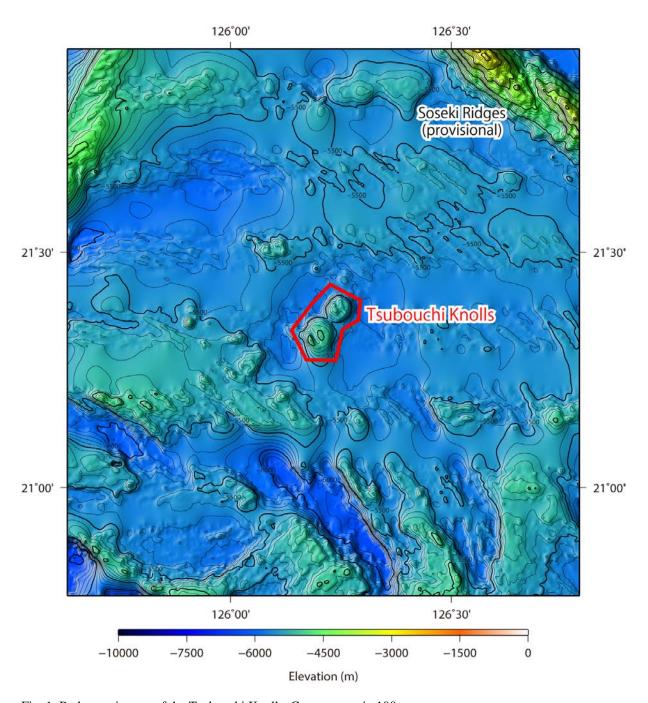


Fig. 1. Bathymetric map of the Tsubouchi Knolls. Contours are in  $100\ m.$ 

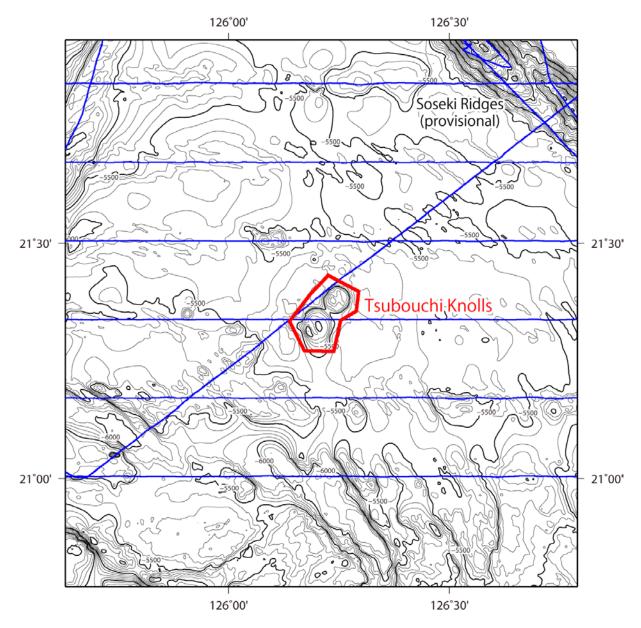


Fig. 2. Bathymetric map of the Tsubouchi Knolls, shown with track lines. Contours are in 100 m.

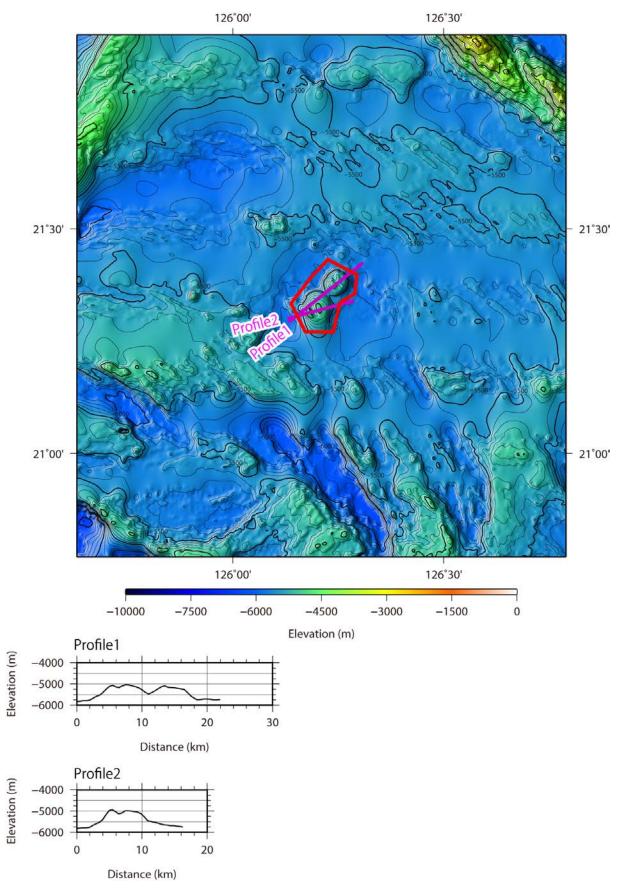


Fig. 3. Bathymetric profile across the Tsubouchi Knolls.