

# Limits in the Seas

No. 107 – September 30, 1987

# Pacific Ocean, Sea of Japan, Sea of Okhotsk, and Bering Sea

Straight Baselines: U.S.S.R.

(Country Codes: UR)

The Geographer Office of the Geographer Bureau of Intelligence and Research

#### INTERNATIONAL BOUNDARY STUDY

#### LIMITS IN THE SEAS

#### No. 107

#### STRAIGHT BASELINES: U.S.S.R.

#### (Pacific Ocean, Sea of Japan, Sea of Okhotsk, and Bering Sea)

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Office of Ocean Law and Policy Bureau of Oceans and International Environmental and Scientific Affairs On February 7, 1984, the Soviet Council of Ministers declared a system of straight baselines for the Soviet east coast, including its coasts facing the Pacific Ocean, Sea of Japan, Sea of Okhotsk, and Bering Sea.<sup>1</sup> A translation of this decree follows.

#### 4604 U.S.S.R. Declaration

Of the baselines for measuring the breadth of the territorial sea, exclusive economic zone and continental shelf of the U.S.S.R. off the continental coast and islands of the Pacific Ocean, the Sea of Japan, the Sea of Okhotsk and the Bering Sea.

A decree of the U.S.S.R. Council of Ministers of February 7, 1984, approved a list of geographic coordinates of points which define the position of straight baselines from which the breadth of the territorial sea, exclusive economic zone and continental shelf of the U.S.S.R. off the continental coast and islands of the Pacific Ocean, the Sea of Japan, the Sea of Okhotsk and the Bering Sea is measured. The list is published below.

#### LIST

of geographic coordinates of points that determine the position of the straight baselines from which the breadth of the territorial sea, exclusive economic zone (U.S.S.R. fishing zone) and continental shelf of the U.S.S.R. off the continental coast and islands of the Pacific Ocean, the Sea of Japan, the Sea of Okhotsk and the Bering Sea is measured.

A listing of geographic coordinates is then given. This list is provided in Annex 1 to this study. Following the list of coordinates the following concluding sentence appears in the decree:

The same decree establishes that the waters of the Penzhinskaya Inlet north of the line connecting the southern islet off Cape Povorotnyy with Cape Dal'niy are, as waters of an historical bay, internal waters.

#### <u>Analysis</u>

#### Summary

The USSR straight baselines along its coasts facing the Sea of Japan, Sea of Okhotsk, North Pacific Ocean, and Bering Sea are depicted on the attached two maps which were

<sup>&</sup>lt;sup>1</sup> By a similar Council of Ministers decree on January 15, 1985, the Soviet Union claimed straight baseline systems for its coasts fronting the Arctic Ocean, Baltic Sea, and Black Sea. These baselines will be analyzed in future <u>Limits in the Seas</u> studies. See Annex 1 for the complete listing of the basepoints cited in the Decree.

compiled from US sources. The Soviet Union has claimed 150 baseline segments along portions of its mainland as well as on many of its offshore islands. The geographical locations and coordinate values for the basepoints are listed in Annex 1 and the baseline segment lengths in Annex 2 of this study. The baseline lengths are summarized in the following table:

#### Summary of USSR Straight Baselines

| Length of Baselines (miles) <sup>2</sup> | Number of Segments |
|--|--------------------|
| 1.0 or less                              | 5                  |
| 1.1 to 12                                | 89                 |
| 12.1 to 24                               | 39                 |
| 24.1 to 100                              | 15                 |
| Over 100                                 | 2                  |

The baseline segments range in length from 0.4 miles (segment 6-7 on Shikotan Island) to 106.3 miles (segment 1-2 closing Peter the Great Bay, labeled as Zaliv Petra Velikogo on the attached map). The baseline segments total almost 2,200 miles with the highest frequency for the baseline lengths falling between 1 and 12 miles. However, many of the 150 straight baselines do not meet the international legal criteria for drawing such baselines.

#### Legal Criteria

Article 7 of the 1982 United Nations Convention on the Law of the Sea (LOS Convention), which is similar to Article 4 of the 1958 Convention on the Territorial Sea and the Contiguous Zone, allows countries to employ straight baselines under the following geographical conditions:

1. In localities where the coastline is deeply indented and cut into, or if there is a fringe of islands along the coast in its immediate vicinity, the method of straight baselines joining appropriate points may be employed in drawing the baseline from which the breadth of the territorial sea is measured.

2. Where because of the presence of a delta and other natural conditions the coastline is highly unstable, the appropriate points may be selected along the furthest seaward extent of the low-water line and, notwithstanding subsequent regression of the low-water line, the straight baselines shall remain effective until changed by the coastal State in accordance with this Convention.

<sup>&</sup>lt;sup>2</sup> All distances in this study are nautical miles. One nautical mile equals 1,852 meters. See Annex 2 for a complete listing of baseline lengths.

3. The drawing of straight baselines must not depart to any appreciable extent from the general direction of the coast, and the sea areas lying within the lines must be sufficiently closely linked to the land domain to be subject to the regime of internal waters.

4. Straight baselines shall not be drawn to and from low-tide elevations, unless lighthouses or similar installations which are permanently above

sea level have been built on them or except in instances where the drawing of baselines to and from such elevations has received general international recognition.

5. Where the method of straight baselines is applicable under paragraph 1, account may be taken, in determining particular baselines, of economic interests peculiar to the region concerned, the reality and the importance of which are clearly evidenced by long usage.

6. The system of straight baselines may not be applied by a State in such a manner as to cut off the territorial sea of another State from the high seas or an exclusive economic zone.

The above article provides general conditions under which straight baselines may be drawn. Several authors have addressed these issues in their attempt to develop further appropriate standards for applying Article 7<sup>3</sup> Many of their conclusions are addressed in a previous Limits in the Seas study that provides the basis for this analysis of the Soviet-claimed straight baseline system.<sup>4</sup>

### The Soviet Straight Baselines⁵

Generally, the Soviet coastline facing the Sea of Japan, Sea of Okhotsk, North Pacific Ocean, and the Bering Sea is smooth with few fringing islands and few localities where the coastline is deeply indented. Many of the baseline segments discussed below are situated in locations that do not meet the geographical criteria set forth in the Conventions cited above.<sup>6</sup>

The first segment in the Soviet decree encloses Peter the Great Bay which, later in the decree, is cited as an historical bay. The USSR first claimed this an historical body of water in a 1957 decree. At that time, several states, including the United States, United

<sup>&</sup>lt;sup>3</sup> See, for example, Robert D. Hodgson and Lewis M. Alexander, "Towards an Objective Analysis of Special Circumstances: Bays, Rivers, Coastal and Oceanic Archipelagoes and Atolls," Law of the Sea Institute <u>Occasional Paper</u> No. 13., 1973; Peter B. Beazley, <u>Maritime Limits and Baselines: A Guide to Their</u> <u>Delimitation</u>. The Hydrographic Society Special Publication No. 2 (2nd ed.), 1978; Victor Prescott, "Delimitation of Marine Boundaries by Baselines," <u>Marine Policy Report</u>, Vol. 8, Number 3, Jan. 1986, University of Delaware Center for the Study of Marine Policy.

<sup>&</sup>lt;sup>4</sup> US Department of State, Office of Ocean Law and Policy, <u>Limits in the Seas</u> No. 106, "Developing Standard Guidelines for Evaluating Straight Baselines," August 31, 1987.

<sup>&</sup>lt;sup>5</sup> Analysis based on maps at a scale of 1:1,000,000, which is generally adequate for an analysis of this type. In some cases, larger scale maps may be required.

<sup>&</sup>lt;sup>6</sup> The United States protested many of the baselines established by Decree 4604, as well as many of those created on January 15, 1985, by Note No. 10/86 in January 1986.

Kingdom, and Japan lodged formal objections to this internal water claim.<sup>7</sup> The 106-mile closing line is, at one point, more than 20 miles from any land territory, and 47 miles seaward from Vladivostok, an important Soviet naval base.

To the east of Cape Povorotnyy (at basepoint 2) segments 2-3, 3-4, 4-5, 5-6, 7-8, and 8-9 close portions of the coast that are neither deeply indented nor fringed with islands. This stretch of coastline contains only small bays. Juridical bays are closed by segments 9-10, 11-12, 13-14, and 15-16. Segment 17-18 encloses an area that is neither deeply indented nor meets the semi-circle test to qualify as a juridical bay.<sup>8</sup>

From straight baseline segment 19-20 to segment 21-22, more than 300 miles to the northeast, at the southern entrance to the Tatar Strait, the Soviet Union uses the low-water line from which to measure its territorial sea. The southern part of the coastline landward of segment 21-22 is deeply indented and could properly be closed as a juridical bay, but the northern part is relatively smooth and should not have a closing line in front of it.

The next four segments are situated on the western shore of the northern part of the Tatar Strait. The short 4.4 mile segment 23-24 follows a smooth section of the coastline. Juridical bays are properly closed off by segments 24-25 and 27-28. Segment 30-31 is a river closing line, permissible under Article 9 of the LOS Convention. However, segment 26-27 is drawn where only a coastal curvature exists. It is unclear why basepoint 29 has been established since no baseline has been drawn to it.

Basepoints 32 to 39 are in the vicinity of Zaliv Akademli and Udskaya Guba.<sup>9</sup> The coastline at segment 32-33 is a mere curvature and not deeply indented. Although the body of water enclosed by the following five segments appears to meet both the deeply indented and fringing islands criteria, segment 38-39 (which is more than 60 miles long) would be more appropriate if drawn to the large island of Shantarskiye Ostrova and then to the mainland.

Baseline segments 39-40, 40-41, 41-42, 42-43, 45-46, 46-47, and 48-49 are all situated along the smooth western shore of the Sea of Okhotsk. In this area only segments 44-45 and 50-51 are appropriate as they define juridical bays.

Basepoints 52 to 93 are located along the north coast of the Sea of Okhotsk. Segments 52-53, 57-58, 58-59, and 61-62 are questionable as they are located where the coastline is either smooth or only slightly curved. Juridical bays are enclosed by segments 54-55,

<sup>&</sup>lt;sup>7</sup> For more details on the Soviet historic water claim for Peter the Great Bay, see William E. Butler, <u>The</u> <u>Soviet Union and the Law of the Sea</u>. The John Hopkins Press: Baltimore, 1971.

<sup>&</sup>lt;sup>8</sup> Article 7 of the 1958 Convention permits a state to draw a bay closing line when "there is a well-marked indentation whose penetration is in such proportion to the width of its mouth as to contain landlocked waters and constitute more than a mere curvature of the coast. An indentation shall not, however, be regarded as a bay unless its area is as large as, or larger than, that of the semi-circle whose diameter is a line drawn across the mouth of that indentation." Article 10 of the LOS Convention uses nearly identical language. <sup>9</sup> The terms Zaliv and Guba translate to Gulf and Bay, respectively.

56-57, 60-61, 63-64, and 64-65. Baseline segments 66-67, 67-68, 68-69, and 70-71 close off Tauyskaya Guba, in front of the city of Magadan. A close examination of the geography here reveals that straight baselines are inappropriate since the two islands do not constitute fringing islands. Instead of a deeply indented coastline there are three bays inside (landward of) the Soviet-claimed baselines, that could be delimited: in the east a 22-mile closing line from the Magadan peninsula to the cape north of basepoint 71; a closing line at Magadan; and a closing line in the far west of the Gulf.

It is interesting to note that to the east of Tauyskaya Guba, between basepoints 71 and 72 the Soviet Union has chosen to ignore closing several small juridical bays. At Mys (Cape) Tolstoy, at the southwestern entrance to Zaliv Shelikhova, a baseline (connecting basepoints 72-73) extends 11 miles to small Atykan Island. The baseline system (basepoints 73 to 76) then proceeds northward to Matykil' Island before heading west 21 miles (segment 76-77) back to the mainland. The two small islands can not be considered fringing islands in the meaning of Article 7 (1) of the LOS Convention; by jutting out to these islands, approximately 560 square kilometers (164 square nautical miles) are claimed as internal waters instead of territorial seas. Although segment 78-79 closes off a well-marked indentation and meets the juridical bay criteria, segment 77-78 does not qualify as a juridical bay.

For the next 200 miles, along the western coast of Zaliv Shelikhova, the baseline follows the low-water line. The section of the Soviet coast between basepoint 80 and 91 appears to be a good example of where straight baselines are drawn in a locality containing several contiguous deep indentations. Instead of using the rocks/islets at basepoints 81, 82, 85, and 90, however, it may be more appropriate to use the mainland. South of Penzhinskaya Guba, at baseline segments 91-92 and 92-93, the coast is neither fringed with islands nor deeply indented.

No straight baselines are employed for the entire west coast of the Kamchatka peninsula. In contrast, straight baselines are used along the entire Kamchatka east coast (basepoints 94-116), none of which appear to meet the international legal criteria. The southeastern coastline, from Mys Lopaka to Mys Polosatyy (basepoints 94-105), is essentially smooth with few minor curvatures. From Mys Polosatyy (pt. 105) to Mys Tavukhin (pt. 116) the Soviet Union has used long baselines, four of which exceed 60 miles in length (105-106, 71.1 miles; 106-107, 103.9 miles; 108-109, 81.0 miles; and 112-113, 62.0 miles), to incorporate broad gulfs into internal waters. Juridical bay closing lines could be established in this stretch of coastline, including in the immediate vicinity of Petropavlosk-Kamchatskiy and in the bay to northwest of Mys Kamchatskiy.

The large island of Karaginskiy does not meet the <u>fringing islands</u> criterion. Three segments of straight baselines may be appropriate in the area immediately to the west of basepoint 116 which would enclose Zaliv Korfa and two unnamed bodies of water to its west.

The next three baseline segments all close off juridical bays; basepoints 117 and 118,

however, are not proper headlands to the bay situated to the northeast of point 117.<sup>10</sup> Baseline segments 122-123 to 133-134 are situated along the Soviet coast that faces the western Bering Sea. Juridical bays do exist along this stretch of coastline, but improper headlands have been chosen to close them off. Specifically, segments 128-129, 129-130, and 133-134 should be modified. Baseline segments 122-123, 123-124, and 125-126 are located where the coastline is neither deeply indented nor fringed with islands.

Northeast of Mys Chesma segment 135-136 crosses in front of only a curvature in the coastline; segment 137-138 delimits a juridical bay. Further north, on the northwest side of Anadyrskiy Zaliv, segment 139-140 is situated in the vicinity of a juridical bay, but the line itself is longer than the maximum allowed 24 miles and it does not connect proper headlands. Segment 141-142 closes the juridical bay of Zaliv Kresta.

Along the northern coast of Anadyrskiy Zaliv several of the baseline segments close off juridical bays: 145-146 (a peninsula is not shown on the attached map), 147-148 (although basepoint 147 is not a correct headland), 149-150, and 151-152. The coastline between basepoints 143 and 144, however, is a mere curvature.

The last five baseline segments on the Soviet mainland are in the vicinity of he Bering Strait. Segments 153-154 and 154-155 are drawn in an area notable not only for multiple coastal indentations, but also for the presence of several islands (not all of which appear on the attached map), which mask about half the mainland coast in that area. Although the area between basepoints 153 and 155 may not be enclosed as a juridical bay--both because it fails to meet the semi-circle test and because the total length of its closing lines substantially exceeds 24 miles--it nevertheless appears to be a reasonable employment of straight baselines.

The remaining baseline segments in this area close juridical bays, except that improper headlands have been used at basepoints 156 and 157. More properly drawn baselines would connect the peninsulas landward of the claimed points.

The Soviet Union also claims straight baselines around sections of their Bering Sea islands. In the Komandorskiye Ostrova none of the seven baseline segments meet the straight baseline criteria. Straight baselines have been drawn on several of the Kuril Islands. A juridical bay is closed on Ostrov Paramushir (segment 1-2). On Ostrov Simushir a small juridical bay is created by segment 1-2, but the other two baseline segments on the island are situated in areas that are neither fringed with

islands nor deeply indented. Similarly, on Ostrov Urup the four baseline segments do not meet any of the straight baseline criteria. The three baseline segments on Sakhalin Island all close juridical bays.

<sup>&</sup>lt;sup>10</sup> For a discussion of selecting proper headlands, see Hodgson and Alexander, pp. 10-22.

Finally, the Soviet Union has drawn straight baselines around sections of Ostrov Iturup, Ostrov Kunashir, and Shikotan-To.<sup>11</sup> With the exceptions of the following baseline segments which delimit juridical bays, the baselines for these islands are drawn along coastlines that are merely curved, and not deeply indented: segments 2-3, 8-9, 9-10, and 10-11 of Iturup Island and segment 1-2 of Shikotan-To close juridical bays.

<sup>&</sup>lt;sup>11</sup> These three islands are a part of the "northern territories" that have been occupied by the Soviet Union since 1945. These islands are claimed by Japan. The Japanese names for the islands of the "northern territories" are: Etorofu, Kunashiri, Shikotan, and Habomai Islands.

### Annex 1

## Geographical Coordinates of Basepoints Cited in U.S.S.R. Declaration by the Council of Ministers' February 7, 1984 Decree 4604

| Point  | Geographic Position   | Coordinates    |                |
|--------|---|----------------|----------------|
| Number |   | North latitude | East longitude |
|        |   |                |                |
| 1      | Middle point in a straight line connecting the<br>headlands of the Tumannaya River          | 42°17'29.03"   | 130°41'30.52"  |
| 2      | Cape Povorotnyy   | 42 40 20.40    | 133 02 19.80   |
| 3      | Cape Lisuchenko   | 42 41 09       | 133 08 56      |
| 4      | Cape Korevo   | 42 46 30       | 133 25 28      |
| 5      | Cape Ostrovnoy  | 42 48 22       | 133 43 24      |
| 6      | Cape Olarovskiy Further along the line of the lowest tide to point 7                        | 42 52 02       | 133 55 15      |
| 7      | Cape Tumannyy   | 42 59 42       | 134 07 30      |
| 8      | Opasnyy Island, eastern extremity   | 43 01 40       | 134 11 17      |
| 9      | Cape Titov  | 43 05 48       | 134 18 24      |
| 10     | Valentina Bay, northern headland Further along the line of the longest tide to point 11     | 43 06 39       | 134 20 28      |
| 11     | Cape Nakhval'nyy  | 43 26 50       | 134 58 28      |
| 12     | Cape Kudrin Further along the line of the lowest tide to point 13                           | 43 27 38       | 135 00 00      |
| 13     | Cape Manevskiy  | 43 37 53       | 135 13 15      |
| 14     | Chikhachev Island, southern extremity Further along the line of the lowest tide to point 15 | 43 40 36       | 135 16 40      |
| 15     | Chikhachev Island, northern extremity   | 43 40 50       | 135 16 50      |
| 16     | Cape Shkot Further along the line of the lowest tide to point 17                            | 43 41 18       | 135 17 05      |
| 17     | Cape Chetyrekh Skal   | 43 50 40       | 135 30 24      |
| 18     | Cape Yuzhnyy Further along the line of the lowest tide to point 19                          | 44 02 02       | 135 37 54      |
| 19     | Cape Yakubovskiy  | 44 43 42       | 136 20 16      |
| 20     | Cape Yegorov Further along the line of the lowest tide to point 21                          | 44 46 06       | 136 26 30      |
| 21     | Cape Krasnyy Partizan   | 48 58 30       | 140 23 12      |
|        |   |                |                |

| Point<br>Number | Geographic Position   | Coordinates<br>North latitude | East longitude |
|-----------------|---|-------------------------------|----------------|
| 22              | Cape Datta Further along the line of the lowest tide to point 23                                      | 49 17 48                      | 140 25 18      |
| 23              | Cape Yagodnyy   | 51 10 20                      | 140 39 50      |
| 24              | Dugu-Du Islands, Yelena Island  | 51 14 15                      | 140 42 20      |
| 25              | Cape Nakatov Further along the line of the lowest tide to point 26                                    | 51 20 00                      | 140 46 30      |
| 26              | Cape Ostryy   | 51 23 30                      | 140 51 30      |
| 27              | Cliff off Cape Orlov  | 51 25 18                      | 140 53 42      |
| 28              | Cape Davydov Further along the line of the lowest tide to point 29                                    | 51 29 45                      | 140 52 56      |
| 29              | Cape Yuzhnyy Further along the line of the lowest tide to point 30                                    | 51 40 48                      | 141 06 15      |
| 30              | Cape Pronge   | 52 51 59                      | 141 14 10      |
| 31              | Cape Tabakh Further along the line of the lowest tide to point 32                                     | 53° 00'13"                    | 141° 12'15"    |
| 32              | Cliff off Cape Mofet  | 54 11 52                      | 139 52 49      |
| 33              | Cape Aleksandra   | 54 11 20                      | 139 47 18      |
| 34              | Reyneke Island, southeastern coast Further along the line of the lowest tide to point 35              | 54 21 04                      | 139 48 30      |
| 35              | Reyneke Island, eastern coast   | 54 21 15                      | 139 48 27      |
| 36              | Menshkov Island, northern extremity   | 54 36 45                      | 139 16 30      |
| 37              | Prokof'yev Island, northeastern extremity<br>Further along the line of the lowest tide to<br>point 38 | 55 05 07                      | 138 25 10      |
| 38              | Prokof'yev Island, northwestern extremity   | 55 05 40                      | 138 21 12      |
| 39              | Cape Borisov  | 55 56 40                      | 137 23 39      |
| 40              | Cape Lantarskiy   | 56 08 13                      | 137 43 20      |
| 41              | Cape Musikan  | 56 13 44                      | 137 49 53      |
| 42              | Cape Tolkuchiy  | 56 22 45                      | 138 02 28      |
| 43              | Cape Vneshniy Further along the line of the lowest tide to point 44                                   | 56 22 18                      | 138 13 20      |
| 44              | Cape L'gotnyy   | 56 28 07                      | 138 15 04      |
| 45              | Cape Naklonnyy  | 56 37 12                      | 138 16 12      |
| 46              | Mal'minskiye Islands, eastern island  | 56 42 00                      | 138 23 54      |

| Point<br>Number | Geographic Position   | Coordinates<br>North latitude | East longitu |
|-----------------|---|-------------------------------|--------------|
| 47              | Cape Nurki Further along the line of the lowest tide to point 48                                      | 56 46 40                      | 138 33 48    |
| 48              | Cape Ulkanskiy  | 56 58 30                      | 138 42 30    |
| 49              | Cape Eykan Further along the line of the lowest tide to point 50                                      | 57 00 48                      | 138 52 15    |
| 50              | Cape Sputnik  | 57 05 42                      | 138 55 44    |
| 51              | Cape Kamker, further along the line of the lowest tide to point 52                                    | 57 08 12                      | 139 01 39    |
| 52              | To the west of the mouth of the Urak River  | 59 16 00                      | 142 48 29    |
| 53              | Cape Marekan Further along the line of the lowest tide to point 54                                    | 59 19 12                      | 143 28 40    |
| 54              | Cape Kekurnyy   | 59 24 34                      | 145 40 45    |
| 55              | Cape Gerey Further along the line of the lowest tide to point 56                                      | 59 24 06                      | 145 42 40    |
| 56              | Cape Shelkan  | 59 21 50                      | 145 48 00    |
| 57              | Cape Yeyrineyskiy   | 59 18 05                      | 145 51 00    |
| 58              | Cliff off Cape Ushakov  | 59 14 40                      | 145 48 30    |
| 59              | Cliff off Cape Duga Zapadnaya Further along the line of the lowest tide to point 60                   | 59 08 38                      | 145 58 30    |
| 60              | Cape Yelagin  | 59 12 24                      | 146 21 06    |
| 61              | Kater Cliff   | 59 21 18                      | 146 51 39    |
| 62              | To the east of Cape Syurkum Further along the line of the lowest tide to point 63                     | 59 21 55                      | 146 55 00    |
| 63              | Cape Izmaylov   | 59 14 08                      | 147 32 30    |
| 64              | Cape Moskvitin  | 59 15 35                      | 147 47 20    |
| 65              | Cape Dal'niy Further along the line of the lowest tide to point 66                                    | 59 15 10                      | 148 24 42    |
| 66              | Cape Gavanets   | 59° 14'14"                    | 148° 46'06"  |
| 67              | Spafar'yev Island, southwestern extremity<br>Further along the line of the lowest tide to<br>point 68 | 59 08 11                      | 148 57 32    |
| 68              | Spafar'yev Island, Cape Kaktin  | 59 07 00                      | 149 01 06    |
| 69              | Zav'yalov Island, Cape Yuzhnyy Further along the line of the lowest tide to point 70                  | 59 00 04                      | 150 28 00    |
| 70              | Zav'yalov Island, southeastern coast  | 59 00 00                      | 150 34 20    |

| Point<br>Number | Geographic Position   | Coordinates<br>North latitude | East longitud |
|-----------------|---|-------------------------------|---------------|
| 71              | Cape Alevin Further along the line of the lowest tide to point 72                             | 58 50 14                      | 151 20 32     |
| 72              | Cape Tolstoy  | 59 10 36                      | 155 11 21     |
| 73              | Atykan Island, southern extremity Further along the line of the lowest tide to point 74       | 59 11 38                      | 155 31 57     |
| 74              | Atykan Island, northern extremity   | 59 12 48                      | 155 32 11     |
| 75              | Matykil' Island, southeastern extremity Further along the line of the lowest tide to point 76 | 59 19 13                      | 155 35 54     |
| 76              | Matykil' Island, northeastern extremity   | 59 20 27                      | 155 36 00     |
| 77              | Cape Yapon  | 59 29 45                      | 154 57 57     |
| 78              | Cape Keytevan   | 59 32 30                      | 154 38 42     |
| 79              | Cape Iretskiy Further along the line of the lowest tide to point 80                           | 59 53 34                      | 154 29 00     |
| 80              | Cape Storozhevoy  | 61 49 07                      | 158 50 17     |
| 81              | Cliff to the south of Taynochin Island  | 61 48 27                      | 159 19 18     |
| 82              | Cliff to the southwest of Chetyrye Pal'tsa<br>Island  | 61 44 44                      | 159 23 19     |
| 83              | To the northwest of Cape Varkhalamskiy  | 61 40 07                      | 159 31 18     |
| 84              | Cape Varkhalamskiy  | 61 39 06                      | 159 34 06     |
| 85              | Khalpili Islands, cliff west of the northern<br>Island  | 61 15 54                      | 159 44 28     |
| 86              | Cape Telanskiy  | 60 55 53                      | 159 47 12     |
| 87              | Cliff to the north of Cape Taygonos   | 60 35 11                      | 160 08 00     |
| 88              | Cape Taygonos   | 60 34 26                      | 160 08 49     |
| 89              | To the east of Cape Taygonos  | 60 34 20                      | 160 09 48     |
| 90              | Southern Islet off Cape Povorotnyy  | 60 40 57                      | 160 46 00     |
| 91              | Cape Dal'niy  | 60 25 12                      | 161 56 29     |
| 92              | Yengalychev Island, southwestern extremity  | 60 16 17                      | 161 50 35     |
| 93              | To the north of Cape Ostrovnoy Further along the line of the lowest tide to point 94          | 60 02 33                      | 161 29 24     |
| 94              | Cape Lopatka  | 50 52 00                      | 156 40 18     |
| 95              | To the northeast of Cape Lopatka  | 50 53 22                      | 156 42 55     |
| 96              | Cape Tri Sestry   | 51 07 06                      | 157 03 06     |
| 97              | Gavryushkin Kamen' Island   | 51 14 10                      | 157 18 00     |

| Point  | Geographic Position  | Coordinates    |               |
|--------|--|----------------|---------------|
| Number |  | North latitude | East longitud |
| 98     | Islet off Cape Senyavin  | 51 20 22       | 157 27 00     |
| 99     | Kekur off Utashud Island   | 51 30 14       | 157 42 16     |
| 100    | Cliff off Cape II'ya   | 51 34 48       | 157 49 44     |
| 101    | Cape Khodzhelayka  | 51° 37'44"     | 157° 44'34"   |
| 102    | Cliff off Cape Krestovyy   | 51 48 40       | 158 06 38     |
| 103    | Cape Piratkov  | 51 57 40       | 158 16 40     |
| 104    | Cliff off Cape Asacha  | 52 07 18       | 158 22 41     |
| 105    | To the north of Cape Polosatyy   | 52 17 23       | 158 32 53     |
| 106    | Shipunskiy Rock  | 53 04 36       | 160 01 22     |
| 107    | Kozlov Rock  | 54 29 14       | 161 42 29     |
| 108    | Kekur Rock of Cape Kronotskiy  | 54 45 06       | 162 09 00     |
| 109    | Kamen'-Gorod Cliffs  | 56 00 23       | 163 03 05     |
| 110    | Cliff off Cape Afrika  | 56 10 00       | 163 22 10     |
| 111    | Cliff off Cape Rify  | 56 19 40       | 163 21 48     |
| 112    | Cape Stolbovoy   | 56 41 15       | 163 17 00     |
| 113    | Cape Ozernyy   | 57 43 28       | 163 19 13     |
| 114    | Cape Krasheninnikov  | 58 26 57       | 163 29 06     |
| 115    | Cape Rovnyy  | 58 52 10       | 164 38 15     |
| 116    | Cape Tavukhin Further along the line of the lowest tide to point 117               | 59 48 45       | 166 17 28     |
| 117    | Yuzhnaya-Glubokaya Bay, southern headland  | 60 12 50       | V             |
| 118    | To the south of Srednyaya Lagoon   | 60 22 33       | 167 22 30     |
| 119    | To the east of Kaukt Lagoon Further along the line of the lowest tide to point 120 | 60 25 40       | 167 33 50     |
| 120    | Somneniye Bay, western headland  | 60 29 06       | 167 48 12     |
| 121    | Somneniye Bay, eastern headland Further along the line of lowest tide to point 122 | 60 30 05       | 167 52 00     |
| 122    | Cape Skalistyy   | 60 03 30       | 170 27 40     |
| 123    | Cape Vulkanicheskiy  | 60 18 00       | 170 40 46     |
| 124    | Cape Temnyy Further along the line of the lowest tide to point 125                 | 60 32 42       | 171 09 02     |
| 125    | Cape Shlyupochnyy  | 60 37 00       | 171 24 07     |
| 126    | Cape Osypnoy   | 60 43 10       | 171 38 00     |

| Point<br>Number | Geographic Position  | Coordinates<br>North latitude | East longitud |
|-----------------|--|-------------------------------|---------------|
| 127             | Cape Vitgenshteyn  | 60 50 13                      | 172 04 15     |
| 128             | Island Kekur Vitgenshteyna, southeastern extremity   | 60 50 43                      | 172 06 04     |
| 129             | Cape Gorbatyy  | 61 01 50                      | 172 27 25     |
| 130             | Cape Matros Zayts Further along the line of the lowest tide to point 131                   | 61 15 39                      | 172 54 44     |
| 131             | Cape Moristyy  | 61 18 09                      | 172 57 58     |
| 132             | Cape Skladchatyy Further along the line of the lowest tide to point 133                    | 61 23 00                      | 173 05 30     |
| 133             | Cape Ovrazhek  | 61 28 49                      | 173 19 50     |
| 134             | Cape Nizkiy Further along the line of the lowest tide to point 135                         | 61 38 40                      | 173 50 00     |
| 135             | Cape Chesma  | 62 19 11                      | 179 11 00     |
| 136             | Cape Voyennye topografy Further along the line of the lowest tide to point 137             | 62 36 44                      | 179 34 13     |
| 137             | Cape Korobitsyn  | 62 52 05                      | 179 30 37     |
| 138             | Cape Barykov Further along the line of the lowest tide to point 139                        | 63 03 16                      | 179 27 37     |
| 139             | To the south of Zemlya Geka Spit   | 64° 15'56"                    | 178° 24'05"   |
| 140             | At the base of Russkaya Roshka Spit Further along the line of the lowest tide to point 141 | 64 38 15                      | 178 48 27     |
| 141             | Cape Prizhimnyy  | 65 22 15                      | 179 29 00     |
| 142             | Cape Meechkyn Further along the line of the lowest tide to point 143                       | 65 28 35                      | 178 44 50     |
| 143             | Cape Retkyn  | 65 31 48                      | 177 10 20     |
| 144             | Cape Gory Kamennoy Further along the line of the lowest tide to point 145                  | 65 34 30                      | 176 46 00     |
| 145             | Mouth of Odinokaya River   | 65 27 53                      | 176 11 49     |
| 146             | Retkyn Spit Further along the line of the lowest tide to point 147                         | 65 24 03                      | 176 02 58     |
| 147             | Cliff off Cape Ukilyun   | 64 52 45                      | 175 32 28     |
| 148             | Cape Chypatyn Further along the line of the lowest tide to point 149                       | 64 48 05                      | 175 27 31     |
| 149             | Cliff off Cape Stoletiye   | 64 19 24                      | 173 38 30     |
| 150             | Cape Lysava Golova Further along the line of   | 64 17 35                      | 173 22 34     |

| Point<br>Number | Geographic Position   | Coordinates<br>North latitude | East longitude |
|-----------------|---|-------------------------------|----------------|
|                 | the lowest tide to point 151  |                               |                |
| 151             | Cape Nizmennyy  | 64 15 50                      | 172 56 00      |
| 152             | Cape Sivolkut Further along the line of the lowest tide to point 153                    | 64 22 15                      | 172 35 40      |
| 153             | Cape Chaplin  | 64 24 15                      | 172 13 54      |
| 154             | Cape Kygynin  | 64 45 25                      | 64 45 25       |
| 155             | Cape Nygchigen Further along the line of the lowest tide to point 156                   | 65 04 21                      | 172 05 30      |
| 156             | Cape Khalyustkin  | 65 15 34                      | 172 10 48      |
| 157             | Cape Lyugren Further along the line of the lowest tide to point 158                     | 65 30 09                      | 171 41 06      |
| 158             | Cape Kriguygun  | 65 28 37                      | 171 01 26      |
| 159             | Cape Nunyamo Further along the line of the lowest tide to point 160                     | 65 36 04                      | 171 01 26      |
| 160             | Puutyn Bay, southern headland   | 65 50 45                      | 170 30 11      |
| 161             | Puutyn Bay, northern headland Further along the line of the lowest tide to Cape Dezhnev | 65 52 14                      | 170 30 15      |
|                 | Sakhalin Island   |                               |                |
| 1               | Mouth of Taranay River  | 46 37 30                      | 142 26 00      |
| 2               | Cape Tomari-Aniva Further along the line of the lowest tide to point 3                  | 46 36 29                      | 142 46 00      |
| 3               | Kemi Spit, western coast  | 53 43 30                      | 142 35 30      |
| 4               | To the west of Cape Vis'kvo Further along the line of the lowest tide to point 5        | 53 32 16                      | 142 14 30      |
| 5               | Cape Lakh   | 51 53 09                      | 141 37 18      |
| 6               | Cape Tyk Further along the line of the lowest tide to point 1                           | 51 44 40                      | 141 40 23      |
| 1               | Mouth of Taranay River  |                               |                |
|                 | Kuril'skiye Islands<br>Paramushir Island  |                               |                |
| 1               | Cape Skal'nyy   | 50° 20'09"                    | 155° 23'00"    |

| Normation         Last on global           2         Cape Sosedniy Further along the line of the<br>lowest tide to point 1         50 18 15         155 16 20           1         Cape Skal'nyy         Simushir Island         1         152 15 13           2         Ciff off Cape Sovetskiy Further along the line<br>of the lowest tide to point 3         47 09 46         152 15 13           2         Ciff off Cape Sovetskiy Further along the line of the<br>lowest tide to point 5         47 01 30         152 03 47           3         Cape Polyanskiy         47 01 30         152 01 24           4         Lowest tide to point 5         46 59 18         152 01 24           5         Cape Terekhin         46 55 56         151 54 44           6         Lowest tide to point 1         46 51 25         151 43 16           1         Cape Storozhevoy         11 13         150 18 30           2         Parus Cliff         46 10 50         150 11 13           1         Cape Storozhevoy         45 10 0         149 39 27           4         Cape Glybisty Further along the line of the<br>lowest tide to point 1         45 48 49         149 37 23           1         Cliff off Cape Tigrovyy<br>lowest tide to point 1         45 48 49         149 37 23           2         To the south of Cape Breskens                                 | Point<br>Number | Geographic Position                     | Coordinates    |                |
|--|-----------------|---|----------------|----------------|
| 2       lowest tide to point 1       50 18 15       155 16 20         1       Cape Skal'nyy       152 15 13         2       Cliff off Cape Sovetskiy Further along the line of the lowest tide to point 3       47 10 05       152 13 30         3       Cape Polyanskiy       47 01 30       152 03 47         4       lowest tide to point 5       46 59 18       152 01 24         5       Cape Polyanskiy       47 01 30       152 03 47         4       lowest tide to point 5       46 59 18       152 01 24         5       Cape Terekhin       46 55 56       151 54 44         6       Cape Ptichiy Further along the line of the lowest tide to point 1       46 51 25       151 43 16         1       Cape Storozhevoy       46 13 21       150 18 30         2       Parus Cliff       46 10 50       150 11 13         3       Petushkov Island       46 04 03       149 59 05         4       Nakatnaya Cliff off Cape Predchuvstviye       45 51 00       149 39 27         5       Cape Glybisty Further along the line of the lowest tide to point 1       149 37 23         1       Cliff off Cape Tigrovyy       45 48 49       149 37 23         4       Nakatnaya Cliff off Cape Predchuvstviye       45 51 00       149 37 23  |                 |   | North latitude | East longitude |
| Simushir Island       47 09 46       152 15 13         Cliff off Cape Sovetskiy Further along the line<br>of the lowest tide to point 3       47 10 05       152 13 30         Cape Polyanskiy       47 01 30       152 03 47         Cape Chernyy Further along the line of the<br>lowest tide to point 5       46 59 18       152 01 24         Cape Polyanskiy       47 01 30       152 03 47         Cape Chernyy Further along the line of the<br>lowest tide to point 5       46 55 56       151 54 44         Cape Prekhin       46 51 25       151 43 16         Cape Storozhevoy       46 13 21       150 18 30         Urup Island       1       150 18 30         Parus Cliff       46 10 50       150 11 13         Parus Cliff off Cape Tigrovyy       46 13 21       150 18 30         Parus Cliff off Cape Predchuvstviye       45 51 00       149 39 27         Cape Glybistyy Further along the line of the<br>lowest tide to point 1       149 37 23         1       Cliff off Cape Tigrovyy       45 10 03       147 42 15         5       Cape Glybistyy Further along the line of the<br>lowest tide to point 1       149 37 23         1       Cliff off Cape Tigrovyy       45 10 03       147 42 15         3       To the north of Cape Breskens       45 21 59       147 50 48 <td< td=""><td>2</td><td></td><td>50 18 15</td><td>155 16 20</td></td<> | 2               |   | 50 18 15       | 155 16 20      |
| 1       Cape Storozhevoy       47 09 46       152 15 13         2       Cliff off Cape Sovetskiy Further along the line<br>of the lowest tide to point 3       47 10 05       152 13 30         3       Cape Polyanskiy       47 01 30       152 03 47         4       Cape Chernyy Further along the line of the<br>lowest tide to point 5       46 59 18       152 01 24         5       Cape Terekhin       46 55 56       151 54 44         6       Cape Ptichiy Further along the line of the<br>lowest tide to point 1       46 51 25       151 43 16         1       Cape Storozhevoy       46 13 21       150 18 30         2       Parus Cliff       46 10 50       150 11 13         3       Petushkov Island       46 04 03       149 39 27         4       Nakatnaya Cliff off Cape Predchuvstviye       45 51 00       149 39 27         5       Cape Glybistyy Further along the line of the<br>lowest tide to point 1       45 48 49       149 37 23         1       Cliff off Cape Breskens       45 21 59       147 50 48         2       To the south of Cape Breskens       45 21 59       147 50 48         3       Cliff off Cape Rypy       45 10 03       147 42 15         3       Cliff off Cape Przheval'skiy       45 06 30       147 29 30         3   | 1               | Cape Skal'nyy                           |                |                |
| 2       Cliff off Cape Sovetskiy Further along the line<br>of the lowest tide to point 3       47 10 05       152 13 30         33       Cape Polyanskiy       47 01 30       152 03 47         4       Cape Chernyy Further along the line of the<br>lowest tide to point 5       46 59 18       152 01 24         55       Cape Terekhin       46 55 56       151 54 44         66       Cape Ptichiy Further along the line of the<br>lowest tide to point 1       46 51 25       151 43 16         16       Cape Storozhevoy       46 13 21       150 18 30         2       Parus Cliff       46 10 50       150 11 13         3       Petushkov Island       46 04 03       149 59 05         4       Nakatnaya Cliff off Cape Predchuvstviye       45 51 00       149 39 27         5       Cape Glybistyy Further along the line of the<br>lowest tide to point 1       149 37 23         11       Cliff off Cape Tigrovyy<br>turup Island       145 48 49       149 37 23         15       Cape Glybistyy Further along the line of the<br>lowest tide to point 1       147 50 48         12       To the north of Cape Breskens       45 21 59       147 50 48         13       Cliff off Cape Ksana Further along the line of<br>thelowest tide to point 4       45 07 10       147 30 29         13       Cliff off Cape Przheval'skiy                                |                 | Simushir Island                         |                |                |
| 2       of the lowest tide to point 3       47 10 05       152 13 30         33       Cape Polyanskiy       47 0 1 30       152 03 47         4       Cape Chernyy Further along the line of the lowest tide to point 5       46 59 18       152 01 24         55       Cape Terekhin       46 55 56       151 54 44         66       Cape Ptichiy Further along the line of the lowest tide to point 1       46 51 25       151 43 16         1       Cape Storozhevoy       46 13 21       150 18 30         2       Parus Cliff       46 10 50       150 11 13         3       Petushkov Island       46 04 03       149 59 05         4       Nakatnaya Cliff off Cape Predchuvstviye       45 51 00       149 39 27         5       Cape Glybistyy Further along the line of the lowest tide to point 1       149 37 23         1       Cliff off Cape Tigrovyy       45 48 49       149 37 23         5       Cape Glybistyy Further along the line of the lowest tide to point 1       147 30 29         1       Cliff off Cape Tigrovyy       45 10 03       147 42 15         5       Cape Glybistyy Further along the line of the lowest tide to point 4       45 07 10       147 30 29         1       Cliff off Cape Tigrovyy       45 07 10       147 30 29       147 30 15   | 1               | Cape Storozhevoy                        | 47 09 46       | 152 15 13      |
| ACape Chernyy Further along the line of the<br>lowest tide to point 546 59 18152 01 245Cape Terekhin46 55 56151 54 446Cape Ptichiy Further along the line of the<br>lowest tide to point 146 51 25151 43 161Cape Storozhevoy46 13 21150 18 302Parus Cliff46 10 50150 11 133Petushkov Island46 04 03149 59 054Nakatnaya Cliff off Cape Predchuvstviye45 51 00149 39 275Cape Glybistyy Further along the line of the<br>lowest tide to point 145 48 49149 37 231Cliff off Cape Tigrovyy<br>turup Island45 21 59147 50 482To the south of Cape Breskens45 21 59147 50 482To the north of Cape Breskens45 07 10147 30 293Cliff off Cape Przheval'skiy45 06 30147 29 304Cliff off Cape Przheval'skiy45 06 30147 29 305Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 644 59 40147 30 15  | 2               |   | 47 10 05       | 152 13 30      |
| 4Iowest tide to point 546 55 16152 01 2455Cape Terekhin46 55 56151 54 446Cape Ptichiy Further along the line of the<br>lowest tide to point 146 51 25151 43 161Cape Storozhevoy46 13 21150 18 302Parus Cliff46 10 50150 11 133Petushkov Island46 04 03149 59 054Nakatnaya Cliff off Cape Predchuvstviye45 51 00149 39 275Cape Glybistyy Further along the line of the<br>lowest tide to point 145 48 49149 37 231Cliff off Cape Tigrovyy<br>turup Island45 21 59147 50 482To the south of Cape Breskens45 21 59147 50 482To the north of Cape Terrasnyy45 10 03147 42 153Cliff off Cape Nurther along the line of<br>thelowest tide to point 445 07 10147 30 294Cliff off Cape Przheval'skiy45 06 30147 29 305Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 644 59 40147 30 156Cape Odesskiy44 52 01147 15 50  | 3               | Cape Polyanskiy                         | 47 01 30       | 152 03 47      |
| 6Cape Ptichiy Further along the line of the<br>lowest tide to point 1<br>Cape Storozhevoy46 51 25151 43 161Cape StorozhevoyUrup Island1150 18 301Cliff off Cape Tigrovyy46 13 21150 18 302Parus Cliff46 10 50150 11 133Petushkov Island46 04 03149 59 054Nakatnaya Cliff off Cape Predchuvstviye45 51 00149 39 275Cape Glybistyy Further along the line of the<br>lowest tide to point 145 48 49149 37 231Cliff off Cape Tigrovyy<br>lturup Island147 50 48147 50 482To the south of Cape Breskens45 21 59147 50 482To the north of Cape Terrasnyy45 10 03147 42 153Cliff off Cape Ksana Further along the line of<br>thelowest tide to point 445 07 10147 30 294Cliff off Cape Przheval'skiy45 06 30147 29 305Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 644 59 40147 30 156Cape Odesskiy44 52 01147 15 50   | 4               |   | 46 59 18       | 152 01 24      |
| blowest tide to point 146 51 25151 43 161Cape StorozhevoyUrup Island1150 18 301Cliff off Cape Tigrovyy46 13 21150 18 302Parus Cliff46 10 50150 11 133Petushkov Island46 04 03149 59 054Nakatnaya Cliff off Cape Predchuvstviye45 51 00149 39 275Cape Glybistyy Further along the line of the<br>lowest tide to point 145 48 49149 37 231Cliff off Cape Tigrovyy<br>lturup Island147 50 48147 50 481To the south of Cape Breskens45 21 59147 50 482To the north of Cape Terrasnyy45 10 03147 42 153Cliff off Cape Ksana Further along the line of<br>thelowest tide to point 445 07 10147 30 294Cliff off Cape Przheval'skiy45 06 30147 29 305Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 644 52 01147 15 50  | 5               | Cape Terekhin                           | 46 55 56       | 151 54 44      |
| Urup Island         1       Cliff off Cape Tigrovyy       46 13 21       150 18 30         2       Parus Cliff       46 10 50       150 11 13         3       Petushkov Island       46 04 03       149 59 05         4       Nakatnaya Cliff off Cape Predchuvstviye       45 51 00       149 39 27         5       Cape Glybistyy Further along the line of the<br>lowest tide to point 1       45 48 49       149 37 23         1       Cliff off Cape Tigrovyy<br>turup Island       147 50 48         2       To the south of Cape Breskens       45 21 59       147 50 48         2       To the north of Cape Terrasnyy       45 10 03       147 42 15         3       Cliff off Cape Ksana Further along the line of<br>thelowest tide to point 4       45 07 10       147 30 29         4       Cliff off Cape Przheval'skiy       45 06 30       147 29 30         5       Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 6       44 59 40       147 30 15         6       Cape Odesskiy       44 52 01       147 15 50   | 6               |   | 46 51 25       | 151 43 16      |
| 1       Cliff off Cape Tigrovyy       46 13 21       150 18 30         2       Parus Cliff       46 10 50       150 11 13         3       Petushkov Island       46 04 03       149 59 05         4       Nakatnaya Cliff off Cape Predchuvstviye       45 51 00       149 39 27         5       Cape Glybistyy Further along the line of the lowest tide to point 1       45 48 49       149 37 23         1       Cliff off Cape Tigrovyy       1turup Island       147 50 48         2       To the south of Cape Breskens       45 21 59       147 50 48         2       To the north of Cape Terrasnyy       45 10 03       147 42 15         3       Cliff off Cape Ksana Further along the line of the lowest tide to point 4       45 07 10       147 30 29         4       Cliff off Cape Przheval'skiy       45 06 30       147 29 30         5       Southern headland of Trekh Skal Bay Further along the line of the lowest tide to point 6       44 59 40       147 30 15         6       Cape Odesskiy       44 52 01       147 15 50   | 1               | Cape Storozhevoy                        |                |                |
| 2Parus Cliff46 10 50150 11 133Petushkov Island46 04 03149 59 054Nakatnaya Cliff off Cape Predchuvstviye45 51 00149 39 275Cape Glybistyy Further along the line of the<br>lowest tide to point 145 48 49149 37 231Cliff off Cape Tigrovyy<br>lturup Island145 21 59147 50 482To the north of Cape Breskens45 21 59147 50 482To the north of Cape Terrasnyy45 10 03147 42 153Cliff off Cape Ksana Further along the line of<br>thelowest tide to point 445 07 10147 30 294Cliff off Cape Przheval'skiy45 06 30147 29 305Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 644 59 40147 30 156Cape Odesskiy44 52 01147 15 50  |                 | Urup Island                             |                |                |
| 3Petushkov Island46 04 03149 59 054Nakatnaya Cliff off Cape Predchuvstviye45 51 00149 39 275Cape Glybistyy Further along the line of the<br>lowest tide to point 145 48 49149 37 231Cliff off Cape Tigrovyy<br>lturup Island147 50 48147 50 482To the south of Cape Breskens45 21 59147 50 482To the north of Cape Terrasnyy45 10 03147 42 153Cliff off Cape Przheval'skiy45 06 30147 29 304Cliff off Cape Przheval'skiy45 06 30147 30 155Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 644 59 40147 15 50   | 1               | Cliff off Cape Tigrovyy                 | 46 13 21       | 150 18 30      |
| <ul> <li>Nakatnaya Cliff off Cape Predchuvstviye</li> <li>Nakatnaya Cliff off Cape Predchuvstviye</li> <li>Cape Glybistyy Further along the line of the<br/>lowest tide to point 1</li> <li>Cliff off Cape Tigrovyy<br/>Iturup Island</li> <li>To the south of Cape Breskens</li> <li>To the north of Cape Terrasnyy</li> <li>To the north of Cape Terrasnyy</li> <li>Cliff off Cape Ksana Further along the line of<br/>thelowest tide to point 4</li> <li>Cliff off Cape Przheval'skiy</li> <li>Southern headland of Trekh Skal Bay Further<br/>along the line of the lowest tide to point 6</li> <li>Cape Odesskiy</li> <li>44 52 01</li> <li>147 15 50</li> </ul>  | 2               | Parus Cliff                             | 46 10 50       | 150 11 13      |
| 5Cape Glybistyy Further along the line of the<br>lowest tide to point 145 48 49149 37 231Cliff off Cape Tigrovyy<br>lturup Island1To the south of Cape Breskens45 21 59147 50 482To the north of Cape Terrasnyy45 10 03147 42 153Cliff off Cape Ksana Further along the line of<br>thelowest tide to point 445 07 10147 30 294Cliff off Cape Przheval'skiy45 06 30147 29 305Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 644 59 40147 30 156Cape Odesskiy44 52 01147 15 50  | 3               | Petushkov Island                        | 46 04 03       | 149 59 05      |
| 5Iowest tide to point 145 48 49149 37 231Cliff off Cape Tigrovyy<br>Iturup IslandIturup Island11To the south of Cape Breskens45 21 59147 50 482To the north of Cape Terrasnyy45 10 03147 42 153Cliff off Cape Ksana Further along the line of<br>thelowest tide to point 445 07 10147 30 294Cliff off Cape Przheval'skiy45 06 30147 29 305Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 644 59 40147 30 156Cape Odesskiy44 52 01147 15 50  | 4               | Nakatnaya Cliff off Cape Predchuvstviye | 45 51 00       | 149 39 27      |
| Iturup Island1To the south of Cape Breskens45 21 59147 50 482To the north of Cape Terrasnyy45 10 03147 42 153Cliff off Cape Ksana Further along the line of<br>thelowest tide to point 445 07 10147 30 294Cliff off Cape Przheval'skiy45 06 30147 29 305Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 644 59 40147 30 156Cape Odesskiy44 52 01147 15 50  | 5               |   | 45 48 49       | 149 37 23      |
| 1To the south of Cape Breskens45 21 59147 50 482To the north of Cape Terrasnyy45 10 03147 42 153Cliff off Cape Ksana Further along the line of<br>thelowest tide to point 445 07 10147 30 294Cliff off Cape Przheval'skiy45 06 30147 29 305Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 644 59 40147 30 156Cape Odesskiy44 52 01147 15 50   | 1               | Cliff off Cape Tigrovyy                 |                |                |
| 2To the north of Cape Terrasnyy45 10 03147 42 153Cliff off Cape Ksana Further along the line of<br>thelowest tide to point 445 07 10147 30 294Cliff off Cape Przheval'skiy45 06 30147 29 305Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 644 59 40147 30 156Cape Odesskiy44 52 01147 15 50  |                 | Iturup Island                           |                |                |
| Cliff off Cape Ksana Further along the line of<br>thelowest tide to point 4<br>Cliff off Cape Przheval'skiy<br>Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 6<br>Cape Odesskiy<br>44 52 01<br>147 30 29<br>44 59 40<br>44 59 40<br>44 52 01   | 1               | To the south of Cape Breskens           | 45 21 59       | 147 50 48      |
| 34445147 30 294Cliff off Cape Przheval'skiy45 06 30147 29 305Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 644 59 40147 30 156Cape Odesskiy44 52 01147 15 50   | 2               | To the north of Cape Terrasnyy          | 45 10 03       | 147 42 15      |
| 5Southern headland of Trekh Skal Bay Further<br>along the line of the lowest tide to point 644 59 40147 30 156Cape Odesskiy44 52 01147 15 50   | 3               |   | 45 07 10       | 147 30 29      |
| along the line of the lowest tide to point 644 59 40147 30 156Cape Odesskiy44 52 01147 15 50   | 4               | Cliff off Cape Przheval'skiy            | 45 06 30       | 147 29 30      |
|  | 5               | •                                       | 44 59 40       | 147 30 15      |
| 7 To the northeast of Cape Bol'shov Nos. 44 49 47 147 08 05  | 6               | Cape Odesskiy                           | 44 52 01       | 147 15 50      |
|  | 7               | To the northeast of Cape Bol'shov Nos.  | 44 49 47       | 147 08 05      |

| Point<br>Number | Geographic Position  | Coordinates<br>North latitude | East longitude |
|-----------------|--|-------------------------------|----------------|
|                 | Further along the line of the lowest tide to point 8                             |                               |                |
| 8               | Cape Bol'shoy Nos  | 44 48 50                      | 147 05 49      |
| 9               | Cape Kabara  | 44 39 39                      | 147 00 28      |
| 10              | Kamen'-Lev Island  | 44 39 08                      | 146 58 30      |
| 11              | Cape Klyk Further along the line of the lowest tide to point 12                  | 44 37 45                      | 146 56 47      |
| 12              | Cape Burevestnik   | 44 55 00                      | 147 38 55      |
| 13              | Cape Dobrynya Nikitich Further along the line of the lowest tide to point 1      | 44 56 44                      | 147 47 25      |
|                 | Kunashir Island  |                               |                |
| 1               | Cape Spiridonov  | 44 06 06                      | 145 44 28      |
| 2               | Cape Stolbchatyy Further along the line of the lowest tide to point 3            | 44 01 30                      | 145 40 29      |
| 3               | Cape Mechnikov   | 43° 55'55"                    | 145° 46'39"    |
| 4               | Cape Yuzhno-Kuril'skiy   | 44 01 15                      | 145 52 28      |
| 5               | Rogachev Island  | 44 10 45                      | 146 02 55      |
| 6               | Cape Mysovoy   | 44 16 31                      | 146 17 43      |
| 7               | Cape Spokoynyy Further along the line of the lowest tide to point 1              | 44 21 08                      | 146 28 58      |
| 1               | Cape Spiridonov  |                               |                |
|                 | Shikotan Island  |                               |                |
| 1               | Cape Dumkov  | 43 53 27                      | 146 49 15      |
| 2               | Cape Otradnyy  | 43 52 31                      | 146 46 20      |
| 3               | To the north of Cape Uglovoy Further along the line of thelowest tide to point 4 | 43 49 12                      | 146 36 38      |
| 4               | Cape Uglovoy   | 43 48 02                      | 146 35 01      |
| 5               | To the north of Cape Smelyy Further along the line of the lowest tide to point 6 | 43 44 48                      | 146 34 57      |
| 6               | Cape Smelyy  | 43 44 38                      | 146 35 03      |
| 7               | Cliff off Cape Ostrovnoy   | 43 44 12                      | 146 35 30      |
| 8               | Cape Voloshin Further along the line of the                                      | 43 42 11                      | 146 38 12      |

| Point<br>Number | Geographic Position   | Coordinates    | Footlonsitude  |
|-----------------|---|----------------|----------------|
|                 |   | North latitude | East longitude |
|                 | lowest tide to point 9  |                |                |
| 9               | Cliff to the east of Cape Voloshin  | 43 42 18       | 146 40 28      |
| 10              | Grig Island, southwestern extremity Further along the line of the lowest tide to point 11 | 43 44 40       | 146 47 18      |
| 11              | Grig Island, eastern extremity  | 43 45 10       | 146 48 20      |
| 12              | Cape Nepokornyy Further along the line of the lowest tide to point 1                      | 43 48 15       | 146 53 54      |
| 1               | Cape Dumkov   |                |                |
|                 | Komandorskiye Islands   |                |                |
|                 | Bering Island   |                |                |
| 1               | Cape Tonkiy   | 55 19 46       | 166 14 40      |
| 2               | Nadvodnyy Rock  | 55 21 44       | 166 02 39      |
| 3               | Sivuchiy Rock Further along the line of the lowest tide to point 4                        | 55 22 14       | 165 57 47      |
| 4               | Cape Severo-Zapadnyy  | 55 17 10       | 165 45 02      |
| 5               | Ariy-Kamen' Island  | 55 12 40       | 165 47 10      |
| 6               | Cape Tonkiy Further along the line of the lowest tide to point 7                          | 55 04 29       | 166 03 30      |
| 7               | Cape Ostrovnoy  | 54 49 07       | 166 22 30      |
| 8               | Cape Shepitanskiy Further along the line of the lowest tide to point 1                    | 54 43 48       | 166 33 39      |
| 1               | Cape Tonkiy   |                |                |
|                 | Mednyy Island   | 54 39 14       | 167 55 32      |
| 1               | Cape Chernyy  | 54 45 34       | 167 43 30      |
| 2               | Cape Zhirovoy   | 54 50 50       | 167 31 30      |
| 3               | Cape Matveya Further along the line of the lowest tide to point 1                         |                |                |
| 1               | Cape Chernyy  |                |                |

| Point  | Geographic Position | Coordinates    |                |
|--------|---------------------|----------------|----------------|
| Number | Coographic Footion  | North latitude | East longitude |

The same decree establishes that the waters of the Penzhinskaya Inlet north of the line connecting the southern islet off Cape Povorotnyy with Cape Dal'niy are, as waters of an historical bay, internal waters.

## Annex 2

| Points | <u>Length</u> | Points  | <u>Length</u> |
|--------|---------------|---------|---------------|
| 1-2    | 106.3         | 61-62   | 2.3           |
| 2-3    | 4.9           | 63-64   | 7.7           |
| 3-4    | 13.3          | 64-65   | 18.9          |
| 4-5    | 13.4          | 66-67   | 8.2           |
| 5-6    | 9.7           | 68-69   | 45.3          |
| 7-8    | 3.5           | 70-71   | 25.8          |
| 8-9    | 6.5           | 72-73   | 10.8          |
| 9-10   | 1.8           | 74-75   | 7.3           |
| 11-12  | 1.8           | 76-77   | 21.3          |
| 13-14  | 3.0           | 77-78   | 10.6          |
| 15-16  | 1.2           | 78-79   | 21.5          |
| 17-18  | 5.9           | 80-81   | 13.7          |
| 19-20  | 5.2           | 81-82   | 4.4           |
| 21-22  | 19.0          | 82-83   | 5.5           |
| 23-24  | 4.4           | 83-84   | 1.7           |
| 24-25  | 6.5           | 84-85   | 23.5          |
| 26-27  | 2.4           | 85-86   | 20.0          |
| 27-28  | 4.0           | 86-87   | 23.4          |
| 30-31  | 8.1           | 87-88   | 1.0           |
| 32-33  | 5.8           | 88-89   | 0.5           |
| 33-34  | 4.0           | 89-90   | 19.4          |
| 35-36  | 23.9          | 90-91   | 38.0          |
| 36-37  | 41.3          | 91-92   | 9.5           |
| 38-39  | 60.7          | 92-93   | 17.5          |
| 39-40  | 16.4          | 94-95   | 2.1           |
| 40-41  | 6.3           | 95-96   | 18.8          |
| 41-42  | 11.2          | 96-97   | 11.7          |
| 42-43  | 6.8           | 97-98   | 8.2           |
| 44-45  | 9.0           | 98-99   | 13.7          |
| 45-46  | 6.7           | 99-100  | 5.9           |
| 46-47  | 6.4           | 100-101 | 4.3           |
| 48-49  | 5.8           | 101-102 | 13.3          |
| 50-51  | 4.4           | 102-103 | 10.9          |
| 52-53  | 20.6          | 103-104 | 10.7          |
| 54-55  | 1.0           | 104-105 | 12.1          |
| 56-57  | 3.4           | 105-106 | 71.1          |
| 57-58  | 4.3           | 106-107 | 103.9         |
| 58-59  | 7.9           | 107-108 | 22.4          |
| 60-61  | 17.8          | 108-109 | 81.0          |

# Length of Soviet Straight Baselines (Nautical Miles)

| Points<br>109-110<br>110-111<br>111-112<br>112-113<br>113-114<br>114-115<br>115-116<br>117-118<br>118-119<br>120-121<br>122-123<br>123-124<br>125-126<br>126-127<br>127-128<br>128-129 | Length<br>14.6<br>9.0<br>22.1<br>62.0<br>44.3<br>43.7<br>75.4<br>18.3<br>7.1<br>2.2<br>16.3<br>20.0<br>9.1<br>14.5<br>1.0<br>15.0 |  |  |  |
|--|---|--|--|--|
| 131-132<br>133-134   | 19.1<br>6.0<br>17.8   |  |  |  |
| 135-136<br>137-138   | 20.0<br>11.1  |  |  |  |
| 139-140<br>141-142   | 24.3<br>19.7  |  |  |  |
| 142-143<br>143-144   | 39.1<br>10.4  |  |  |  |
| 145-146<br>147-148   | 5.2<br>4.5  |  |  |  |
| 149-150<br>151-152   | 7.2<br>11.5   |  |  |  |
| 153-154  | 21.4  |  |  |  |
| 154-155<br>156-157   | 30.1<br>19.3  |  |  |  |
| 158-157  | 19.3  |  |  |  |
| 160-161  | 2.0   |  |  |  |
| Sakhalin   |   |  |  |  |
| 1-2<br>3-4   | 13.8<br>16.6  |  |  |  |
| 5-4<br>5-6   | 9.2   |  |  |  |
| Paramushir Island<br>1-2 4.9   |   |  |  |  |
| Simushir Island  |   |  |  |  |

| <u>Points</u> | <u>Length</u> |
|---------------|---------------|
| 1-2           | 1.7           |
| 3-4           | 2.4           |
| 5-6           | 9.0           |
| Bering I      | sland         |
| 1-2           | 7.1           |
| 3-4           | 3.0           |
| 4-5           | 5.1           |
| 5-6           | 12.2          |
| 7-8           | 8.7           |
| Urup Is       | sland         |
| 1-2           | 5.7           |
| 2-3           | 10.3          |
| 3-4           | 19.0          |
| 4-5           | 3.3           |
| Iturup I      | sland         |
| 1-2           | 13.3          |
| 2-3           | 9.0           |
| 4-5           | 7.0           |
| 6-7           | 5.8           |
| 8-9           | 9.7           |
| 9-10          | 1.4           |
| 10-11         | 2.4           |
| 12-13         | 5.8           |
| Kunashir      | Island        |
| 1-2           | 5.8           |
| 3-4           | 6.6           |
| 4-5           | 12.0          |
| 5-6           | 11.7          |
| 6-7           | 9.9           |
| Shikotar      | n Island      |
| 1-2           | 2.4           |
| 2-3           | 7.8           |
| 4-5           | 4.1           |
| 6-7           | 0.4           |
| 7-8           | 3.0           |
| 9-10          | 5.4           |
| 11-12         | 5.3           |

| Points        | <u>Length</u> |  |  |  |  |
|---------------|---------------|--|--|--|--|
| Mednyy Island |               |  |  |  |  |
| 1-2           | 9.2           |  |  |  |  |

| Points | Length |
|--------|--------|
| 2-3    | 8.5    |