

**DGPS REFERENCE STATIONS LIST**

The following table shows the updated DGPS reference stations (as of April 1999) and may differ from the list registered in the equipment.

| Location           | Freq. | Latitude | Longitude | MSK Rate | Country |
|--------------------|-------|----------|-----------|----------|---------|
| ALEXANDRIA         | 305   | N38.45   | W77.07    | 100      | VA,USA  |
| ANNETTE ISLAND     | 323   | N55.04   | W131.36   | 100      | AK,USA  |
| APPLETON           | 300   | N45.47   | W121.19   | 100      | WA,USA  |
| ARANSAS PASS       | 304   | N27.50   | W97.04    | 100      | TX,USA  |
| BARBERS PT         | 325   | N21.18   | W158.07   | 100      | HI,USA  |
| BASS HARBOR        | 316   | N44.13   | W68.20    | 100      | ME,USA  |
| BRUNSWICK          | 316   | N43.53   | W69.57    | 100      | ME,USA  |
| BUFFALO            | 322   | N42.52   | W78.54    | 100      | NY,USA  |
| C.MENDOCINO        | 292   | N40.26   | W124.24   | 100      | CA,USA  |
| CAPE CANAVERAL     | 289   | N28.28   | W80.33    | 100      | FL,USA  |
| CAPE HENLOPEN      | 298   | N38.47   | W75.05    | 200      | DE,USA  |
| CAPE HENRY         | 289   | N36.56   | W76.00    | 100      | VA,USA  |
| CAPE HINCHEN-BROOK | 292   | N60.14   | W146.39   | 100      | AK,USA  |
| CHARLESTON         | 298   | N32.45   | W79.51    | 100      | SC,USA  |
| CHATHAM            | 325   | N41.40   | W69.57    | 200      | MA,USA  |
| CHEBOYGAN          | 292   | N45.39   | W84.28    | 200      | MI,USA  |
| CLARK              | 309   | N44.56   | W97.58    | 100      | SD,USA  |
| COLD BAY           | 289   | N55.06   | W162.32   | 100      | AK,USA  |
| DETROIT            | 319   | N42.18   | W83.06    | 200      | MI,USA  |
| DULUTH             | 296   | N46.47   | W92.05    | 100      | MN,USA  |
| EGMONT KEY         | 312   | N27.36   | W82.46    | 200      | FL,USA  |
| ENGLISH TURN       | 293   | N29.53   | W89.57    | 200      | LA,USA  |
| FORT MACON         | 294   | N34.42   | W76.41    | 100      | NC,USA  |
| FORT STEVENS       | 287   | N46.12   | W123.57   | 100      | OR,USA  |
| GALVESTON          | 296   | N29.20   | W94.44    | 100      | TX,USA  |
| GUSTAVUS           | 288   | N58.25   | W135.42   | 100      | AK,USA  |
| ISABELLA           | 295   | N18.28   | W67.04    | 100      | PR,USA  |
| KANSAS CITY        | 305   | N39.07   | W95.25    | 200      | MO,USA  |
| KENAI              | 310   | N60.40   | W151.21   | 100      | AK,USA  |
| KEY WEST           | 286   | N24.00   | W82.00    | 100      | FL,USA  |
| KODIAK             | 313   | N57.37   | W152.12   | 100      | AK,USA  |
| KOKOLE POINT       | 300   | N21.59   | W159.46   | 200      | HI,USA  |
| LOUISVILLE         | 290   | N38.01   | W85.18    | 200      | KY,USA  |
| MEMPHIS            | 310   | N35.28   | W90.12    | 200      | TN,USA  |
| MIAMI              | 322   | N25.44   | W80.10    | 100      | FL,USA  |
| MILLERS FERRY      | 320   | N32.05   | W87.24    | 200      | AL,USA  |
| MILWAUKEE          | 297   | N43.00   | W87.53    | 100      | WI,USA  |
| MOBILE PT          | 300   | N30.14   | W88.01    | 100      | AL,USA  |
| MONTAUK PT         | 293   | N41.04   | W71.52    | 100      | NY,USA  |
| MORICHES           | 293   | N40.47   | W72.45    | 100      | NY,USA  |
| NEEBISH IS.        | 309   | N46.19   | W84.09    | 200      | MI,USA  |
| OMAHA              | 298   | N41.47   | W95.55    | 200      | NE,USA  |
| ONONDAGA           | 296   | N42.48   | W84.28    | 200      | MI,USA  |
| PENOBSCOT          | 290   | N44.33   | W68.46    | 200      | ME,USA  |
| PIGEON PT          | 287   | N37.11   | W122.24   | 100      | CA,USA  |
| PORTSMOUTH         | 288   | N43.04   | W70.43    | 100      | NH,USA  |
| POTATO PT          | 298   | N61.04   | W146.42   | 100      | AK,USA  |
| PRESQUE ILE        | 293   | N45.21   | W83.30    | 100      | MI,USA  |
| PT ARGUELLO        | 321   | N34.35   | W120.39   | 100      | CA,USA  |
| PT BLUNT           | 310   | N37.51   | W122.25   | 200      | CA,USA  |
| PT LOMA            | 302   | N32.40   | W117.15   | 100      | CA,USA  |
| REEDY POINT        | 309   | N39.34   | W75.34    | 200      | DE,USA  |
| ROBINSON PT        | 323   | N47.23   | W122.23   | 200      | WA,USA  |
| ROCK ISLAND        | 311   | N42.00   | W90.14    | 200      | IA,USA  |



| Location              | Freq. | Latitude | Longitude | MSK Rate | Country |
|-----------------------|-------|----------|-----------|----------|---------|
| SAGINAW BAY           | 301   | N43.38   | W83.50    | 100      | MI,USA  |
| SALLISAW              | 299   | N35.22   | W94.49    | 200      | OK,USA  |
| SANDY HOOK            | 286   | N40.28   | W74.00    | 200      | NJ,USA  |
| SAVANNAH              | 319   | N32.08   | W81.42    | 100      | GA,USA  |
| SEUL CHOIX PT         | 322   | N45.55   | W85.55    | 200      | MI,USA  |
| ST LOUIS              | 322   | N38.37   | W89.46    | 200      | MO,USA  |
| ST PAUL               | 317   | N44.18   | W91.54    | 200      | MN,USA  |
| STURGEON BAY          | 322   | N44.48   | W87.19    | 100      | WI,USA  |
| UPOLU PT              | 286   | N20.15   | W155.53   | 100      | HI,USA  |
| UPPER KEWEENAW        | 298   | N47.14   | W88.38    | 100      | MI,USA  |
| VICKSBURG             | 313   | N32.20   | W90.55    | 200      | MS,USA  |
| WHIDBEY IS            | 302   | N48.19   | W122.42   | 100      | WA,USA  |
| WHITEFISH PT          | 318   | N46.46   | W84.57    | 100      | MI,USA  |
| WHITNEY               | 310   | N42.44   | W103.19   | 200      | NE,USA  |
| WILDWOOD              | 301   | N38.57   | W74.52    | 200      | NJ,USA  |
| WISCONSIN PT          | 296   | N46.43   | W92.01    | 100      | WI,USA  |
| YOUNGSTOWN            | 322   | N43.14   | W78.58    | 100      | NY,USA  |
| ALERT BAY             | 309   | N50.35   | W126.55   | 200      | CANADA  |
| AMPHITRITE POINT      | 315   | N48.55   | W125.33   | 200      | CANADA  |
| BASSANO               | 317   | N50.47   | W112.27   | 200      | CANADA  |
| CAPE NORMAN           | 310   | N51.30   | W55.49    | 200      | CANADA  |
| CAPE RACE             | 315   | N46.46   | W53.11    | 200      | CANADA  |
| CAPE RAY              | 290   | N47.38   | W59.15    | 200      | CANADA  |
| CARDINAL              | 306   | N44.47   | W75.25    | 200      | CANADA  |
| FOX ISLAND            | 307   | N45.20   | W61.05    | 200      | CANADA  |
| LAUZON                | 309   | N46.49   | W71.10    | 200      | CANADA  |
| MOISIE                | 313   | N50.12   | W66.07    | 200      | CANADA  |
| PARTRIDGE ISLAND      | 295   | N45.14   | W66.03    | 200      | CANADA  |
| RICHMOND(ATKINSON)    | 320   | N49.11   | W123.07   | 200      | CANADA  |
| POINT PETRIE          | 303   | N43.50   | W77.09    | 100      | CANADA  |
| PORT AUX BASQUES      | 290   | N47.34   | W59.09    | 200      | CANADA  |
| PORT WELLER           | 302   | N43.14   | W79.13    | 100      | CANADA  |
| PT.ESCUMINAC          | 319   | N47.04   | W64.48    | 200      | CANADA  |
| RIGOLET               | 299   | N54.15   | W58.30    | 200      | CANADA  |
| RIVIERE DU LOUP       | 300   | N47.46   | W69.36    | 200      | CANADA  |
| SANDSPIT              | 300   | N53.14   | W131.49   | 200      | CANADA  |
| SOMBRA                | 306   | N42.42   | W89.29    | 100      | CANADA  |
| ST JEAN SUR RICHELIEU | 296   | N45.19   | W73.19    | 200      | CANADA  |
| TRIPLE ISLAND         | 308   | N54.17   | W130.53   | 100      | CANADA  |
| TROIS RIVIERES        | 321   | N46.23   | W72.27    | 200      | CANADA  |
| WATROUS               | 321   | N50.40   | W105.26   | 200      | CANADA  |
| WESTERN HEAD          | 312   | N43.59   | W64.40    | 200      | CANADA  |
| WIARTON               | 286   | N44.45   | W81.07    | 200      | CANADA  |
| WINNIPEG              | 312   | N49.50   | W97.30    | 200      | CANADA  |
| ST.DAVIDS HEAD        | 323   | N32.22   | W64.39    | 100      | BERMUDA |

| Location          | Freq. | Latitude | Longitude | MSK Rate | Country |
|-------------------|-------|----------|-----------|----------|---------|
| OOSTENDE PHARE    | 311.5 | N51.14   | E02.55    | 100      | BELGIUM |
| BLAAVANDS HUK     | 296.5 | N55.34   | E08.05    | 100      | DENMARK |
| HAMMERODDE        | 289   | N55.18   | E14.46    | 100      | DENMARK |
| SKAGEN            | 298.5 | N57.44   | E10.35    | 100      | DENMARK |
| RISTNA LT         | 307   | N58.56   | E22.04    | 200      | ESTONIA |
| MANTYLUOTO        | 298   | N61.36   | E21.28    | 200      | FINLAND |
| OUTOKUMPU         | 293.5 | N62.41   | E29.01    | 200      | FINLAND |
| PORKKALA          | 285   | N59.58   | E24.23    | 200      | FINLAND |
| PUUMALA           | 301.5 | N61.24   | E28.14    | 200      | FINLAND |
| TURKU             | 304   | N60.26   | E22.13    | 200      | FINLAND |
| CAP BEAR          | 304.5 | N42.31   | E03.08    | 100      | FRANCE  |
| CAP FERRET        | 287   | N44.39   | E01.15    | 100      | FRANCE  |
| ECKMURL           | 312.5 | N47.48   | W04.23    | 100      | FRANCE  |
| GATTEVILLE        | 297.5 | N49.42   | W01.16    | 100      | FRANCE  |
| LES BALEINES      | 299.5 | N46.15   | W01.34    | 100      | FRANCE  |
| PORQUEROLLES      | 314.5 | N42.59   | E06.12    | 100      | FRANCE  |
| REVELLATA         | 294.5 | N42.35   | E08.46    | 100      | FRANCE  |
| SAINT MATHIEU     | 291.5 | N48.19   | W04.46    | 100      | FRANCE  |
| HELGOLAND         | 313   | N54.11   | E07.53    | 200      | GERMANY |
| WUSTROW           | 314.5 | N54.20   | E12.23    | 200      | GERMANY |
| BJARGTANGAR       | 289   | N65.30   | W24.32    | 100      | ICELAND |
| DJUPIVOGUR        | 295.5 | N64.39   | W14.16    | 100      | ICELAND |
| HAUFARHOFN        | 301.5 | N66.27   | W15.57    | 100      | ICELAND |
| REYKJANES         | 292.5 | N63.49   | W22.42    | 100      | ICELAND |
| SKAGATA           | 304.5 | N66.07   | W20.06    | 100      | ICELAND |
| SKARDSFJARA       | 313   | N63.31   | W17.59    | 100      | ICELAND |
| LOOP HEAD         | 312   | N52.34   | W09.56    | 100      | IRELAND |
| MIZEN HEAD        | 300.5 | N51.27   | W09.49    | 100      | IRELAND |
| TORY ISLAND       | 313.5 | N55.16   | W08.15    | 100      | IRELAND |
| VENTSPILS         | 308.5 | N57.22   | E21.31    | 100      | LATVIA  |
| HOEK VAN HOLLAND  | 287.5 | N51.59   | E04.07    | 200      | HOLLAND |
| VLIELAND(AMELAND) | 299.5 | N53.27   | E05.38    | 200      | HOLLAND |
| ANDENES           | 284.5 | N69.19   | E16.07    | 100      | NORWAY  |
| FAERDER           | 288   | N59.02   | E10.32    | 100      | NORWAY  |
| FRUHOLMEN         | 309.5 | N71.06   | E23.59    | 100      | NORWAY  |
| HALTEN            | 313.5 | N64.10   | E09.25    | 100      | NORWAY  |
| LISTA             | 301   | N58.07   | E06.34    | 100      | NORWAY  |
| SKLINNA           | 288.5 | N65.12   | E11.00    | 100      | NORWAY  |
| SKOMVAER          | 300   | N67.25   | E11.53    | 100      | NORWAY  |
| SVINOEY           | 293.5 | N62.20   | E05.16    | 100      | NORWAY  |
| TORSVAAG          | 291.5 | N70.15   | E19.31    | 100      | NORWAY  |
| TORUNGEN          | 292.5 | N58.23   | E08.48    | 100      | NORWAY  |
| UTSIRA            | 307   | N59.19   | E04.52    | 100      | NORWAY  |
| UTVAER            | 300   | N61.02   | E04.31    | 100      | NORWAY  |
| VARDOE            | 307   | N70.23   | E31.09    | 100      | NORWAY  |
| DZIWNOW           | 288   | N54.01   | E14.44    | 100      | POLAND  |
| ROZEWIE           | 311   | N54.49   | E18.20    | 100      | POLAND  |

| Location              | Freq. | Latitude | Longitude | MSK Rate | Country |
|-----------------------|-------|----------|-----------|----------|---------|
| CABO DE LA NAO        | 284.5 | N38.44   | E00.14    | 0        | SPAIN   |
| CABO DE PALOS         | 313.5 | N37.38   | W00.41    | 0        | SPAIN   |
| CABO FINISTERRE       | 289   | N42.53   | W09.16    | 0        | SPAIN   |
| CABO GATA             | 298.5 | N36.43   | W02.11    | 0        | SPAIN   |
| CABO PENAS            | 297   | N43.39   | W05.51    | 0        | SPAIN   |
| CABO SALOU            | 289   | N41.03   | E01.10    | 0        | SPAIN   |
| CABO SAN SEBASTIAN    | 290.5 | N41.53   | E03.12    | 0        | SPAIN   |
| CASTELLON             | 311   | N39.58   | E00.01    | 0        | SPAIN   |
| CEUTA                 | 311.5 | N35.54   | W05.18    | 0        | SPAIN   |
| ESTACA DE BARES       | 310   | N43.47   | W07.41    | 0        | SPAIN   |
| LA ENTALLADA          | 292.5 | N28.13   | W13.56    | 0        | SPAIN   |
| MACHICHACO            | 285   | N43.27   | W02.45    | 0        | SPAIN   |
| MAHON                 | 292.5 | N39.52   | E04.18    | 0        | SPAIN   |
| MALAGA                | 304.5 | N36.43   | W04.25    | 0        | SPAIN   |
| PUNTA DE CALA FIGUERA | 286   | N39.27   | E02.31    | 0        | SPAIN   |
| ROTA                  | 302.5 | N36.38   | W06.23    | 0        | SPAIN   |
| TENERIFE              | 287.5 | N28.30   | W16.30    | 0        | SPAIN   |
| ALMAGRUNDET           | 287   | N59.09   | E19.10    | 200      | SWEDEN  |
| BJUROKLUBB            | 303.5 | N64.29   | E21.35    | 200      | SWEDEN  |
| HJORT UDDE            | 297   | N58.38   | E12.40    | 200      | SWEDEN  |
| HOBURG                | 302   | N56.55   | E18.09    | 200      | SWEDEN  |
| KULLEN                | 293.5 | N56.18   | E12.27    | 200      | SWEDEN  |
| OERSKAER              | 291.5 | N60.32   | E18.23    | 200      | SWEDEN  |
| SKAGS UDDE            | 306.5 | N63.11   | E19.01    | 200      | SWEDEN  |
| BUTT OF LEWIS         | 294   | N58.31   | W06.16    | 100      | U.K.    |
| FLAMBOROUGH HEAD      | 302.5 | N54.07   | W00.05    | 100      | U.K.    |
| GIRDLE NESS           | 311   | N57.08   | W02.03    | 100      | U.K.    |
| LIZARD                | 284   | N49.58   | W05.12    | 100      | U.K.    |
| LOOP HEAD             | 312   | N52.34   | W09.56    | 100      | U.K.    |
| MIZEN HEAD            | 300.5 | N51.27   | W09.49    | 100      | U.K.    |
| NASH POINT            | 299   | N51.24   | W03.34    | 100      | U.K.    |
| NORTH FORELAND        | 310.5 | N51.23   | E01.27    | 100      | U.K.    |
| POINT LYNAS           | 305   | N53.25   | W04.17    | 100      | U.K.    |
| RHINNS OF ISLAY       | 293.5 | N55.40   | W06.31    | 100      | U.K.    |
| ST.CATHERINE'S        | 293.5 | N50.35   | W01.18    | 100      | U.K.    |
| SUMBURGH HEAD         | 304   | N59.52   | W01.16    | 100      | U.K.    |
| TORY ISLAND           | 313.5 | N55.16   | W08.15    | 100      | U.K.    |
| AL BANDAR             | 298   | N28.07   | E50.39    | 200      | BAHRAIN |
| MINA AL AHMADI        | 295   | N29.07   | E48.08    | 200      | KUWAIT  |
| ADU DHABI             | 314   | N24.06   | E52.56    | 200      | U.A.E.  |
| RAS AL KHAIMAH        | 292   | N25.59   | E56.04    | 200      | U.A.E.  |
| ALEXANDRIA            | 284   | N31.10   | E29.50    | 200      | EGYPT   |
| MERSA MATROH          | 307   | N31.21   | E27.14    | 200      | EGYPT   |
| PORT SAID             | 290   | N31.16   | E31.17    | 200      | EGYPT   |
| QUSEIR                | 314.5 | N26.08   | E34.15    | 200      | EGYPT   |
| RAS GHARIB            | 298   | N28.21   | E33.06    | 200      | EGYPT   |
| RAS UMM SID           | 293.5 | N27.51   | E34.19    | 200      | EGYPT   |

| Location            | Freq. | Latitude | Longitude | MSK Rate | Country   |
|---------------------|-------|----------|-----------|----------|-----------|
| ABASHIRI            | 309   | N44.00   | E144.18   | 200      | JAPAN     |
| DAIOZAKI            | 288   | N34.17   | E136.54   | 200      | JAPAN     |
| ESAKI               | 320.5 | N34.36   | E135.00   | 200      | JAPAN     |
| GESASHI             | 288   | N26.36   | E128.09   | 200      | JAPAN     |
| HAMADA              | 305   | N34.53   | E132.02   | 200      | JAPAN     |
| HACHIJOJIMA         | 302   | N33.05   | E139.51   | 200      | JAPAN     |
| HEKURAJIMA          | 295   | N37.51   | E136.55   | 200      | JAPAN     |
| INUBOZAKI           | 295   | N35.42   | E140.52   | 200      | JAPAN     |
| KINKAZAN            | 316   | N38.17   | E141.35   | 200      | JAPAN     |
| KUSHIROZAKI         | 288   | N42.58   | E144.23   | 200      | JAPAN     |
| MATUMAE             | 309   | N41.25   | E140.05   | 200      | JAPAN     |
| MIYAKOZIMA          | 316   | N24.44   | E125.26   | 200      | JAPAN     |
| MUROTO MISAKI       | 295   | N33.15   | E134.11   | 200      | JAPAN     |
| NAGOYA              | 320   | N35.02   | E136.51   | 200      | JAPAN     |
| TOKARA NAKANOSHIMA  | 320.5 | N29.49   | E129.55   | 200      | JAPAN     |
| OHAMA               | 321   | N34.05   | E132.59   | 200      | JAPAN     |
| OSEZAKI             | 302   | N32.37   | E128.36   | 200      | JAPAN     |
| SAKATA              | 288   | N38.57   | E139.50   | 200      | JAPAN     |
| SETO                | 320   | N33.26   | E132.13   | 200      | JAPAN     |
| SHAKOTAN MISAKI     | 316   | N43.22   | E140.28   | 200      | JAPAN     |
| SHIRIYAZAKI         | 302   | N41.26   | E141.28   | 200      | JAPAN     |
| SOUYA MISAKI        | 295   | N45.31   | E141.56   | 200      | JAPAN     |
| TANGO               | 316   | N35.44   | E135.05   | 200      | JAPAN     |
| TOI MISAKI          | 309   | N31.22   | E131.20   | 200      | JAPAN     |
| TURUGIZAKI          | 309   | N35.08   | E139.41   | 200      | JAPAN     |
| URAYASU             | 321   | N35.37   | E139.54   | 200      | JAPAN     |
| WAKAMIYA            | 295   | N33.52   | E129.41   | 200      | JAPAN     |
| CHANGGI             | 310   | N36.05   | E129.34   | 100      | KOREA     |
| CHINDO              | 296   | N34.13   | E125.58   | 100      | KOREA     |
| CHUMUNJIN           | 295   | N37.54   | E128.50   | 100      | KOREA     |
| KOMUNDO             | 287   | N34.00   | E127.20   | 100      | KOREA     |
| OCHONGDO            | 295   | N36.07   | E125.58   | 100      | KOREA     |
| PALMIDO             | 313   | N37.21   | E126.30   | 100      | KOREA     |
| YONGDO              | 300   | N35.03   | E129.06   | 100      | KOREA     |
| KAU YI CHAU         | 289   | N22.15   | E114.04   | 200      | HONG KONG |
| BRISBANE            | 294   | S27.04   | E153.03   | 200      | AUSTRALIA |
| CAPE FLATTERY       | 304   | S14.58   | E145.18   | 200      | AUSTRALIA |
| CAPE SCHANCK        | 314   | S38.30   | E144.53   | 200      | AUSTRALIA |
| GLADSTONE           | 313   | S24.02   | E151.21   | 200      | AUSTRALIA |
| HORN ISLAND         | 320   | S10.36   | E142.17   | 200      | AUSTRALIA |
| KARRATHA            | 304   | S20.45   | E116.27   | 200      | AUSTRALIA |
| MACKAY              | 315   | S21.06   | E149.13   | 200      | AUSTRALIA |
| SYDNEY              | 308   | S33.59   | E150.59   | 200      | AUSTRALIA |
| ABROLHOS            | 290   | S17.57   | W38.41    | 100      | BRAZIL    |
| ARACAJU             | 320   | S10.58   | W37.02    | 100      | BRAZIL    |
| CALCANHAR           | 305   | S05.09   | W35.29    | 100      | BRAZIL    |
| CANIVETE            | 310   | N00.30   | W50.24    | 100      | BRAZIL    |
| I.MOELA             | 305   | S24.02   | W46.15    | 100      | BRAZIL    |
| I.RASA              | 315   | S23.04   | W43.09    | 100      | BRAZIL    |
| PONTA DE SAO MARCOS | 300   | S02.29   | W44.18    | 100      | BRAZIL    |
| RIO GRANDE          | 290   | S32.08   | W52.06    | 100      | BRAZIL    |
| SANTA MARTA         | 310   | S28.36   | W48.48    | 100      | BRAZIL    |
| SAO TOME            | 300   | S22.02   | W41.03    | 100      | BRAZIL    |
| SAN BERNARDO        | 317.5 | S36.22   | W60.03    | 100      | ARGENTINA |
| SAN CARLOS CENTRO   | 297.5 | S31.58   | W60.55    | 100      | ARGENTINA |

| Location       | Freq. | Latitude | Longitude | MSK Rate | Country   |
|----------------|-------|----------|-----------|----------|-----------|
| AFRICA         | 291.5 | N56.11   | E163.21   | 100      | RUSSIA    |
| ALEVINA        | 303.5 | N58.50   | E151.21   | 100      | RUSSIA    |
| ANAPSKY        | 315.5 | N44.53   | E37.18    | 100      | RUSSIA    |
| ANDREA         | 291.5 | N76.44   | E110.27   | 100      | RUSSIA    |
| ASTRAHNASKY    | 291.5 | N44.28   | E48.01    | 100      | RUSSIA    |
| BALTIYSK       | 298.5 | N54.41   | E19.59    | 100      | RUSSIA    |
| BEGICHEV       | 300.5 | N47.31   | E112.15   | 100      | RUSSIA    |
| CAMENKA        | 318.5 | N69.28   | E161.14   | 100      | RUSSIA    |
| CANIN NOSE     | 285.5 | N68.38   | E43.18    | 100      | RUSSIA    |
| CARAGINSKY     | 301.5 | N58.33   | E163.33   | 100      | RUSSIA    |
| CORSAKOVSKY    | 312.5 | N46.37   | E142.48   | 100      | RUSSIA    |
| COTELNY        | 310.5 | N75.59   | E137.53   | 100      | RUSSIA    |
| CRUTOGOROVA    | 300.5 | N55.05   | E155.35   | 100      | RUSSIA    |
| DEDGNEVA       | 303.5 | N66.01   | E169.43   | 100      | RUSSIA    |
| DGEDGINSKY     | 298.5 | N65.13   | E36.49    | 100      | RUSSIA    |
| ELIZAROVA      | 318.5 | N54.25   | E143.43   | 100      | RUSSIA    |
| ENISEY         | 315.5 | N68.25   | E86.18    | 100      | RUSSIA    |
| GAMOV          | 306.5 | N42.33   | E131.13   | 100      | RUSSIA    |
| INDYGIRSKY     | 324.5 | N71.16   | E150.17   | 100      | RUSSIA    |
| OLENIY         | 294.5 | N72.35   | E77.39    | 100      | RUSSIA    |
| PETROPAVLOVSKY | 291.5 | N52.33   | E158.42   | 100      | RUSSIA    |
| RUSSIAN CAT    | 315.5 | N64.34   | E178.33   | 100      | RUSSIA    |
| SET.NAVOLOCK   | 318.5 | N69.24   | E33.03    | 100      | RUSSIA    |
| SHEPELEVSKIY   | 298.5 | N59.59   | E29.09    | 100      | RUSSIA    |
| STERLEGOV      | 318.5 | N75.24   | E88.45    | 100      | RUSSIA    |
| STOLBOVOY      | 306.5 | N74.10   | E135.27   | 100      | RUSSIA    |
| TONKY          | 303.5 | N69.51   | E61.06    | 100      | RUSSIA    |
| VAN DER LINDA  | 312.5 | N45.35   | E149.24   | 100      | RUSSIA    |
| VASILIEVA      | 294.5 | N50.00   | E155.23   | 100      | RUSSIA    |
| VIZE           | 294.5 | N79.30   | E76.59    | 100      | RUSSIA    |
| VRANGELIA      | 309.5 | N70.59   | E178.29   | 100      | RUSSIA    |
| YARANGAI       | 291.5 | N69.54   | E170.32   | 100      | RUSSIA    |
|                |       |          |           |          |           |
| BAOHUJIAO      | 310.5 | N20.00   | E110.56   | 200      | CHINA     |
| BEITANG        | 310.5 | N39.06   | E119.43   | 200      | CHINA     |
| DAJISHAN       | 307.5 | N30.49   | E122.10   | 200      | CHINA     |
| DASANSHAN      | 301.5 | N38.52   | E121.50   | 200      | CHINA     |
| QINHUANGDAO    | 287.5 | N39.55   | E119.37   | 200      | CHINA     |
| WANGJIAMAI     | 313.5 | N36.04   | E120.26   | 200      | CHINA     |
|                |       |          |           |          |           |
| SINGAPORE      | 298   | N01.10   | E103.45   | 100      | SINGAPORE |