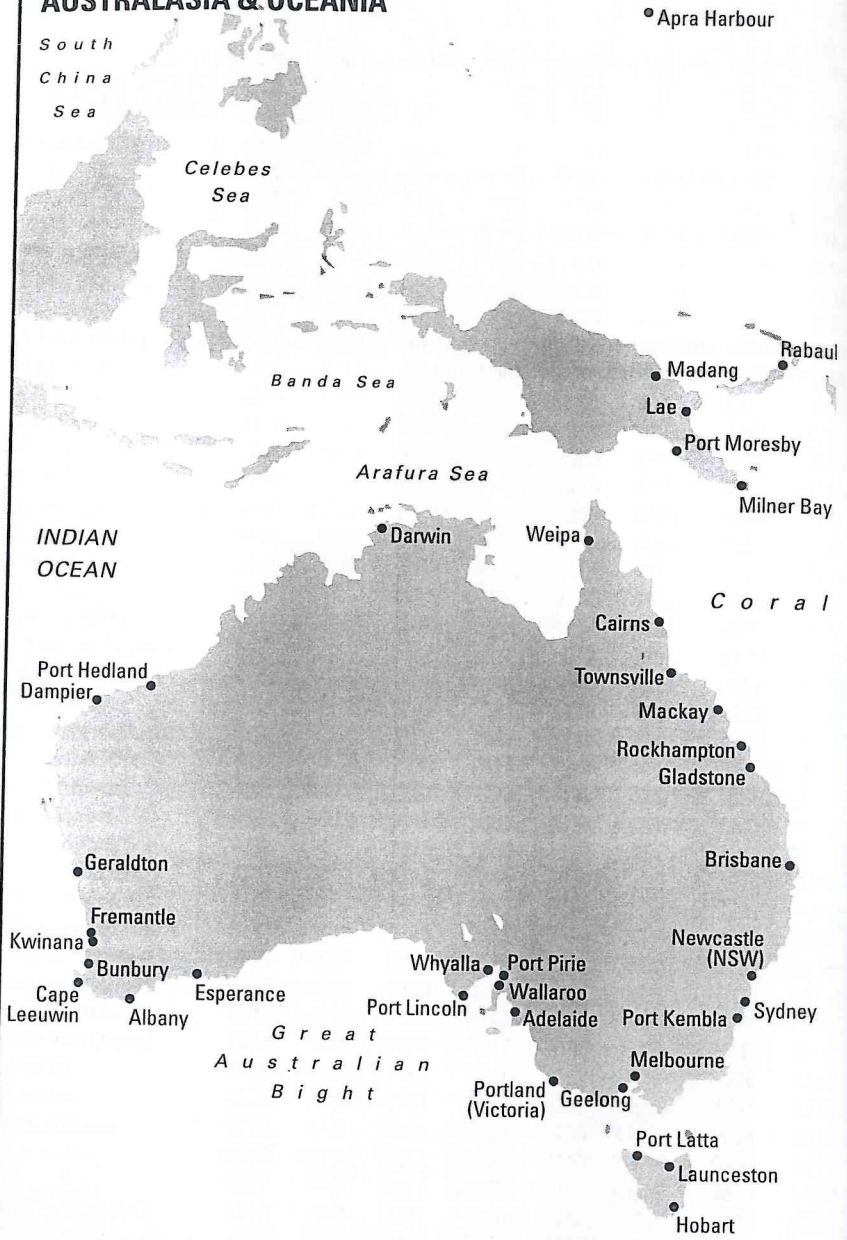
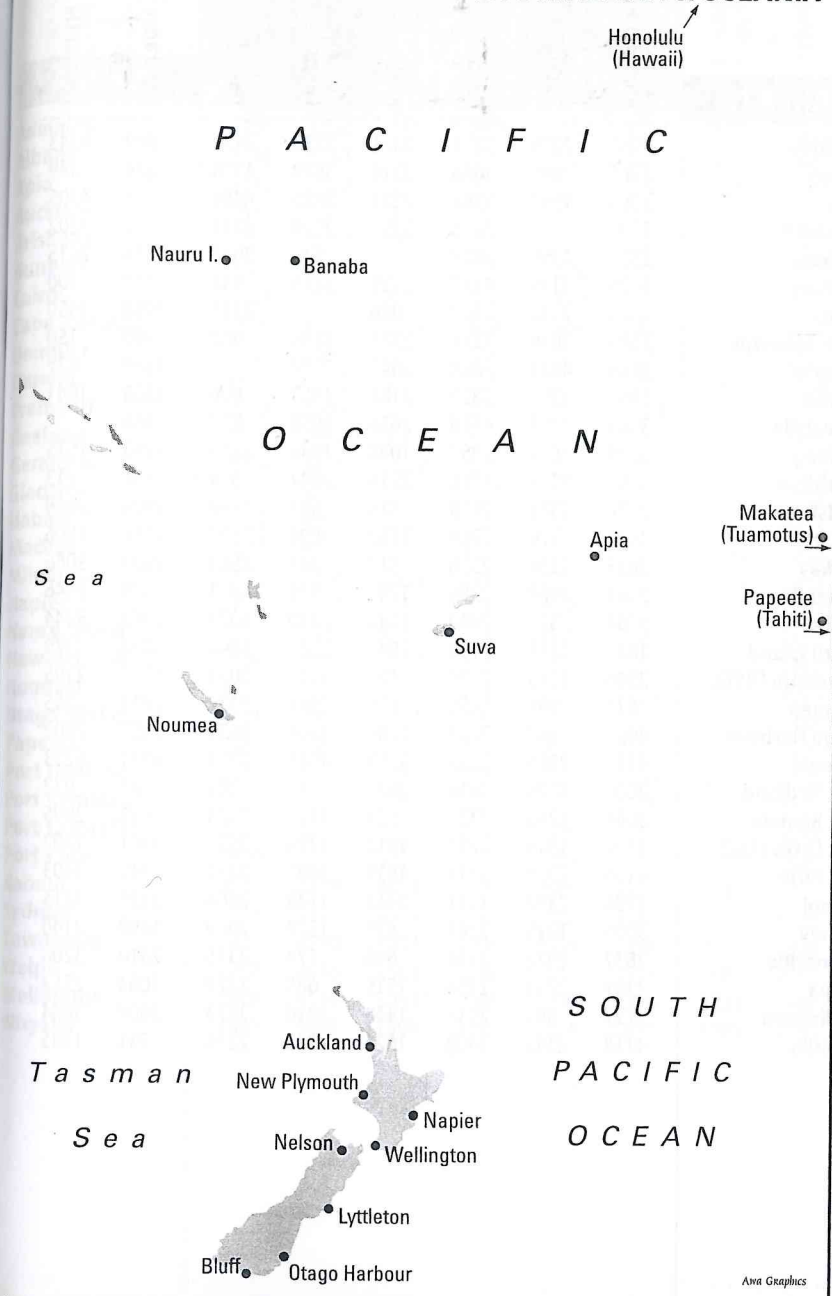


AREA G
Reeds Marine Distance Tables
AUSTRALASIA & OCEANIA



AREA G
Reeds Marine Distance Tables
AUSTRALASIA & OCEANIA



AREA
G

AREA G

| | Apra Harbour | Auckland | Banaba | Brisbane | Cairns | Dampier | Esperance | Fremantle |
|------------------|--------------|----------|--------|----------|--------|---------|-----------|-----------|
| Adelaide | 3961 | 2035 | 3243 | 1471 | 2233 | 2172 | 889 | 1343 |
| Albany | 3765 | 2880 | 4088 | 2316 | 3078 | 1178 | 224 | 349 |
| Apia | 3068 | 1583 | 1363 | 2173 | 2935 | 4486 | 3953 | 4395 |
| Auckland | 3287 | - | 2075 | 1355 | 2120 | 4031 | 2730 | 3202 |
| Brisbane | 2530 | 1355 | 1878 | - | 846 | 3047 | 2173 | 2615 |
| Bunbury | 3529 | 3119 | 4327 | 2555 | 3115 | 941 | 477 | 100 |
| Cairns | 2674 | 2120 | 2467 | 846 | - | 2217 | 2958 | 3050 |
| Cape Leeuwin | 3589 | 3019 | 4214 | 2385 | 3150 | 960 | 360 | 150 |
| Dampier | 2664 | 4031 | 3688 | 3047 | 2217 | - | 1389 | 877 |
| Darwin | 1954 | 3399 | 2822 | 2181 | 1351 | 996 | 2353 | 1841 |
| Fremantle | 3464 | 3202 | 4410 | 2638 | 3050 | 877 | 560 | - |
| Geelong | 3575 | 1651 | 2857 | 1084 | 1846 | 2515 | 1243 | 1615 |
| Geraldton | 3261 | 3378 | 4318 | 2814 | 2847 | 674 | 736 | 213 |
| Gladstone | 2834 | 1588 | 2118 | 314 | 581 | 2782 | 2426 | 2868 |
| Hobart | 3622 | 1520 | 2904 | 1132 | 1894 | 2635 | 1396 | 1806 |
| Mackay | 3018 | 1786 | 2316 | 512 | 361 | 2561 | 2624 | 3066 |
| Milner Bay | 2561 | 2963 | 2386 | 1745 | 915 | 1613 | 2958 | 2446 |
| Napier | 3781 | 377 | 2449 | 1648 | 2410 | 4073 | 2802 | 3244 |
| Nauru Island | 1627 | 2235 | 160 | 1941 | 2325 | 3546 | 4012 | 4379 |
| Newcastle (NSW) | 2946 | 1245 | 2228 | 410 | 1218 | 3024 | 1752 | 2195 |
| Noumea | 2530 | 990 | 1496 | 825 | 1587 | 3377 | 2713 | 3155 |
| Otago Harbour | 4022 | 847 | 2824 | 1606 | 2368 | 3631 | 2397 | 2802 |
| Papeete | 4332 | 2215 | 2623 | 3259 | 4021 | 5754 | 4811 | 5253 |
| Port Hedland | 2609 | 4126 | 3616 | 2975 | 2145 | 102 | 1484 | 972 |
| Port Kembla | 3041 | 1285 | 2323 | 529 | 1313 | 2924 | 1653 | 2095 |
| Port Latta (Tas) | 3592 | 1518 | 2784 | 1012 | 1774 | 2531 | 1261 | 1702 |
| Port Pirie | 4136 | 2210 | 3418 | 1639 | 2401 | 2232 | 949 | 1403 |
| Rabaul | 1190 | 2357 | 1111 | 1443 | 1748 | 2804 | 3525 | 3615 |
| Sydney | 3005 | 1275 | 2287 | 475 | 1277 | 2969 | 1698 | 2140 |
| Townsville | 2832 | 1972 | 2502 | 698 | 174 | 2375 | 2810 | 3208 |
| Weipa | 2331 | 2733 | 2156 | 1515 | 685 | 1729 | 3064 | 2552 |
| Wellington | 3727 | 561 | 2515 | 1448 | 2210 | 3873 | 2607 | 3044 |
| Whyalla | 4118 | 2192 | 3400 | 1621 | 2383 | 2214 | 931 | 1385 |

Other ports in Australasia, New Guinea and the Pacific Islands

AREA
G

AREA G

| | Gladstone | Honolulu | Kwinana | Lae | Melbourne | Nelson | Newcastle (New South Wales) | New Plymouth |
|------------------|-----------|----------|---------|------|-----------|--------|-----------------------------|--------------|
| Adelaide | 1701 | 5336 | 1352 | 2899 | 514 | 1814 | 1028 | 1804 |
| Albany | 2546 | 6181 | 358 | 3744 | 1359 | 2652 | 1872 | 2642 |
| Apia | 2043 | 2262 | 4404 | 2520 | 2837 | 1992 | 2310 | 1807 |
| Auckland | 1588 | 3889 | 3188 | 2444 | 1651 | 627 | 1245 | 510 |
| Brisbane | 260 | 4017 | 2624 | 1512 | 1057 | 1300 | 410 | 1280 |
| Bunbury | 2785 | 6420 | 109 | 3637 | 1598 | 2891 | 2112 | 2881 |
| Cairns | 581 | 4718 | 3059 | 1847 | 1842 | 2142 | 1218 | 2084 |
| Cape Leeuwin | 2650 | 6378 | 136 | 3697 | 1490 | 2824 | 2037 | 2787 |
| Dampier | 2782 | 5851 | 886 | 2682 | 2510 | 3803 | 3024 | 3793 |
| Darwin | 1916 | 5122 | 1850 | 1972 | 3177 | 3477 | 2553 | 3419 |
| Fremantle | 2868 | 6503 | 14 | 3572 | 1681 | 2974 | 2195 | 2964 |
| Geelong | 1314 | 4950 | 1695 | 2513 | 36 | 1425 | 642 | 1415 |
| Geraldton | 3044 | 6679 | 222 | 3369 | 1857 | 3150 | 2371 | 3140 |
| Gladstone | - | 4346 | 2877 | 1772 | 1310 | 1610 | 686 | 1552 |
| Hobart | 1362 | 4931 | 1815 | 2560 | 470 | 1223 | 693 | 1213 |
| Mackay | 247 | 4544 | 3075 | 1970 | 1508 | 1808 | 884 | 1750 |
| Milner Bay | 1480 | 4686 | 2455 | 1766 | 2741 | 3041 | 2117 | 2983 |
| Napier | 1878 | 3936 | 3253 | 2745 | 1690 | 325 | 1423 | 382 |
| Nauru Island | 2171 | 2433 | 4388 | 1334 | 2905 | 2520 | 2281 | 2410 |
| Newcastle (NSW) | 686 | 4397 | 2204 | 1884 | 637 | 1154 | - | 1167 |
| Noumea | 1055 | 3370 | 3164 | 1511 | 1599 | 1194 | 1016 | 1095 |
| Otago Harbour | 1836 | 4400 | 2811 | 2960 | 1346 | 435 | 1297 | 489 |
| Papeete | 3489 | 2380 | 5262 | 3814 | 3695 | 2452 | 3253 | 2509 |
| Port Hedland | 2710 | 5796 | 981 | 2627 | 2605 | 3898 | 3119 | 3888 |
| Port Kembla | 781 | 4447 | 2104 | 1979 | 537 | 1161 | 107 | 1152 |
| Port Latta (Tas) | 1242 | 4875 | 1711 | 2440 | 186 | 1268 | 569 | 1258 |
| Port Pirie | 1869 | 5511 | 1412 | 3074 | 689 | 1989 | 1203 | 1979 |
| Rabaul | 1673 | 3359 | 3624 | 420 | 2409 | 2521 | 1785 | 2422 |
| Sydney | 745 | 4427 | 2149 | 1943 | 582 | 1166 | 71 | 1124 |
| Townsville | 433 | 4730 | 3217 | 2005 | 1694 | 1994 | 1070 | 1936 |
| Weipa | 1250 | 4456 | 2561 | 1536 | 2511 | 2811 | 1887 | 2753 |
| Wellington | 1678 | 4114 | 3053 | 2669 | 1490 | 126 | 1223 | 180 |
| Whyalla | 1851 | 5493 | 1394 | 3056 | 671 | 1871 | 1185 | 1961 |

Other ports in Australasia, New Guinea and the Pacific Islands

| AREA G | Port Kembla | Port Latta (Tasmania) | Port Moresby | Portland (Victoria) | Suva | Sydney | Wallaroo | Whyalla |
|------------------|-------------|-----------------------|--------------|---------------------|------|--------|----------|---------|
| Adelaide | 928 | 545 | 2694 | 321 | 2626 | 973 | 210 | 256 |
| Albany | 1773 | 1381 | 3191 | 1166 | 3469 | 1818 | 1012 | 1058 |
| Apia | 2381 | 2730 | 2462 | 2919 | 644 | 2357 | 3339 | 3385 |
| Auckland | 1285 | 1518 | 2260 | 1751 | 1140 | 1275 | 2128 | 2192 |
| Brisbane | 515 | 990 | 1200 | 1139 | 1540 | 475 | 1559 | 1605 |
| Bunbury | 2012 | 1619 | 2943 | 1401 | 3712 | 2057 | 1256 | 1302 |
| Cairns | 1313 | 1774 | 424 | 1925 | 2310 | 1277 | 2337 | 2383 |
| Cape Leeuwin | 1940 | 1490 | 2998 | 1300 | 3645 | 1990 | 1189 | 1235 |
| Dampier | 2924 | 2531 | 1878 | 2313 | 3938 | 2969 | 2168 | 2214 |
| Darwin | 2648 | 3110 | 1179 | 3260 | 3072 | 2612 | 3132 | 3178 |
| Fremantle | 2095 | 1702 | 2878 | 1484 | 3795 | 2140 | 1339 | 1385 |
| Geelong | 542 | 191 | 2308 | 211 | 2240 | 587 | 630 | 676 |
| Geraldton | 2271 | 1878 | 2675 | 1660 | 3971 | 2316 | 1515 | 1561 |
| Gladstone | 781 | 1242 | 1389 | 1393 | 1778 | 745 | 1805 | 1851 |
| Hobart | 593 | 300 | 2351 | 540 | 2195 | 638 | 867 | 913 |
| Mackay | 979 | 1440 | 1168 | 1591 | 1976 | 943 | 2003 | 2049 |
| Milner Bay | 2222 | 2673 | 743 | 2824 | 2636 | 2176 | 3236 | 3282 |
| Napier | 1430 | 1505 | 2526 | 1772 | 1341 | 1436 | 2195 | 2241 |
| Nauru Island | 2376 | 2837 | 1522 | 2987 | 1336 | 2340 | 3407 | 3453 |
| Newcastle (NSW) | 107 | 570 | 1679 | 719 | 1688 | 71 | 1139 | 1185 |
| Noumea | 1105 | 1530 | 1360 | 1681 | 735 | 1069 | 2099 | 2145 |
| Otago Harbour | 1247 | 1176 | 2700 | 1416 | 1785 | 1243 | 1832 | 1878 |
| Papeete | 3316 | 3571 | 3730 | 3777 | 1835 | 3306 | 4197 | 4243 |
| Port Hedland | 3019 | 2626 | 1973 | 2408 | 3866 | 3064 | 2263 | 2309 |
| Port Kembla | - | 470 | 1774 | 619 | 1755 | 50 | 1039 | 1085 |
| Port Latta (Tas) | 470 | - | 2236 | 259 | 2144 | 515 | 656 | 720 |
| Port Pirie | 1103 | 720 | 2754 | 496 | 2801 | 1148 | 72 | 29 |
| Rabaul | 1880 | 2341 | 945 | 2491 | 1786 | 1844 | 2911 | 2957 |
| Sydney | 50 | 515 | 1738 | 664 | 1735 | - | 1084 | 1130 |
| Townsville | 1165 | 1626 | 598 | 1777 | 2162 | 1129 | 2189 | 2235 |
| Weipa | 1982 | 2443 | 513 | 2594 | 2406 | 1946 | 3006 | 3052 |
| Wellington | 1230 | 1338 | 2440 | 1572 | 1476 | 1236 | 1995 | 2041 |
| Whyalla | 1085 | 720 | 2736 | 478 | 2783 | 1130 | 57 | - |

| AREA H | Adelaide | Albany | Apia | Auckland | Banaba | Bluff | Brisbane | Cairns |
|--------------------|----------|--------|------|----------|--------|-------|----------|--------|
| Antofagasta | 7037 | 7855 | 5697 | 5631 | 7047 | 5600 | 6904 | 7638 |
| Arica | 7307 | 8125 | 5727 | 5847 | 7157 | 5749 | 7024 | 7826 |
| Astoria | 7572 | 8390 | 4440 | 5989 | 4505 | 6650 | 6338 | 6864 |
| Balboa | 8266 | 9084 | 5740 | 6509 | 6763 | 6714 | 7680 | 8478 |
| Buenaventura | 8177 | 8995 | 5730 | 6411 | 6800 | 6580 | 7568 | 8424 |
| Cabo Blanco (Peru) | 7603 | 8361 | 5374 | 5977 | 6537 | 6068 | 7177 | 7939 |
| Caldera | 7051 | 7839 | 5527 | 5430 | 6888 | 5432 | 6767 | 7503 |
| Callao | 7509 | 8331 | 5500 | 5830 | 6755 | 5866 | 7050 | 7868 |
| Cape Horn | 6297 | 7055 | 5244 | 4800 | 6589 | 4737 | 5900 | 6792 |
| Chimbote | 7506 | 8296 | 5387 | 5853 | 6596 | 5917 | 7063 | 7853 |
| Coos Bay | 7685 | 8403 | 4300 | 5840 | 4365 | 6510 | 6248 | 6725 |
| Corinto | 8127 | 8887 | 5271 | 6240 | 6187 | 6538 | 7380 | 8142 |
| Eureka | 7379 | 8197 | 4141 | 5705 | 4401 | 6601 | 6198 | 6799 |
| Guayaquil | 7781 | 8599 | 5517 | 6087 | 6664 | 6208 | 7045 | 8108 |
| Guaymas | 7738 | 8583 | 4580 | 5900 | 5252 | 6432 | 6753 | 7515 |
| Honolulu | 5330 | 6147 | 2260 | 3850 | 2364 | 4520 | 4120 | 4718 |
| Iquique | 7330 | 8148 | 5750 | 5797 | 7107 | 5772 | 7089 | 7851 |
| Los Angeles | 7416 | 8234 | 4184 | 5658 | 4600 | 6256 | 6274 | 6939 |
| Manzanillo (Mex) | 7534 | 8352 | 4425 | 5661 | 5160 | 6182 | 6573 | 7340 |
| Mazatlan (Mex) | 7594 | 8412 | 4430 | 5719 | 5112 | 6256 | 6574 | 7352 |
| Nanaimo | 7733 | 8553 | 4634 | 6179 | 4630 | 6842 | 6483 | 7002 |
| New Westminster | 7747 | 8565 | 4646 | 6191 | 4642 | 6854 | 6495 | 7014 |
| Portland (Oreg) | 7658 | 8476 | 4523 | 6075 | 4588 | 6733 | 6421 | 6947 |
| Port Alberni | 7642 | 8460 | 4541 | 6086 | 4537 | 6749 | 6390 | 6909 |
| Port Isabel | 7968 | 8813 | 4810 | 6130 | 5482 | 6662 | 6983 | 7745 |
| Port Moody | 7734 | 8556 | 4646 | 6204 | 4642 | 6854 | 6504 | 7014 |
| Prince Rupert | 7585 | 8407 | 4651 | 6209 | 4647 | 6859 | 6355 | 6865 |
| Puerto Montt | 6428 | 7216 | 5327 | 4945 | 6682 | 4938 | 6100 | 7006 |
| Puntarenas (CR) | 8096 | 8909 | 5565 | 6334 | 6375 | 6539 | 7505 | 8303 |
| Punta Arenas (Ch) | 6256 | 7014 | 5200 | 4650 | 6548 | 4685 | 5750 | 6751 |
| Salina Cruz | 7830 | 8619 | 4848 | 5951 | 5673 | 6360 | 6976 | 7741 |
| San Francisco | 7400 | 8216 | 4160 | 5680 | 4404 | 6311 | 6200 | 6795 |
| San José (Guat) | 8013 | 8800 | 5087 | 6120 | 5926 | 6456 | 7220 | 4982 |
| Seattle | 7740 | 8543 | 4626 | 6170 | 4622 | 6834 | 6471 | 6994 |
| Tacoma | 7747 | 8565 | 4646 | 6191 | 4642 | 6854 | 6500 | 7014 |
| Talcahuano | 6687 | 7505 | 5353 | 5001 | 6755 | 5025 | 6388 | 7097 |
| Tocopilla | 7067 | 7885 | 5723 | 5678 | 7052 | 5718 | 6495 | 7768 |
| Valparaiso | 6600 | 7418 | 5455 | 5240 | 6817 | 5191 | 6450 | 7261 |
| Vancouver (BC) | 7730 | 8552 | 4642 | 6200 | 4638 | 6850 | 6500 | 7010 |
| Victoria (Vanc Is) | 7667 | 8485 | 4566 | 6111 | 4562 | 6774 | 6415 | 6934 |

| AREA H | AREA G | | | | | | | |
|--------------------|--------------|--------|-----------|-----------|---------|------------|--------|----------|
| | Cape Leeuwin | Darwin | Esperance | Fremantle | Geelong | Geraldston | Hobart | Honolulu |
| Antofagasta | 8066 | 8989 | 7845 | 8205 | 6646 | 8422 | 6771 | 5709 |
| Arica | 8210 | 9107 | 7991 | 8475 | 6916 | 8568 | 6576 | 5744 |
| Astoria | 8559 | 6838 | 8297 | 8003 | 7181 | 8145 | 7285 | 2249 |
| Balboa | 9177 | 9318 | 8957 | 9434 | 7875 | 9533 | 7629 | 4688 |
| Buenaventura | 9042 | 9349 | 8821 | 9345 | 7786 | 9398 | 7513 | 4798 |
| Cabo Blanco (Peru) | 8488 | 9007 | 8267 | 8668 | 7232 | 8844 | 9647 | 4731 |
| Caldera | 7893 | 8784 | 7672 | 8168 | 6670 | 8249 | 6331 | 5739 |
| Callao | 8321 | 9041 | 8100 | 8681 | 7122 | 8677 | 7009 | 5161 |
| Cape Horn | 7182 | 8110 | 6961 | 7362 | 5962 | 7538 | 5200 | 6477 |
| Chimbote | 8354 | 8974 | 8133 | 8624 | 7127 | 8710 | 8278 | 4896 |
| Coos Bay | 8420 | 6680 | 8147 | 7953 | 6994 | 7995 | 7096 | 2161 |
| Corinto | 9014 | 8838 | 8793 | 9194 | 7741 | 9370 | 7481 | 4070 |
| Eureka | 8404 | 6515 | 7982 | 8117 | 7158 | 7830 | 6959 | 2081 |
| Guayaquil | 8668 | 9147 | 8447 | 8949 | 7380 | 8024 | 7086 | 4853 |
| Guaymas | 8726 | 8125 | 8463 | 8905 | 7352 | 9081 | 7226 | 3000 |
| Honolulu | 6323 | 5122 | 6061 | 6497 | 4938 | 6679 | 4930 | - |
| Iquique | 8235 | 9130 | 8014 | 8499 | 6939 | 8591 | 6540 | 5812 |
| Los Angeles | 8385 | 7236 | 8123 | 8550 | 7025 | 8543 | 6947 | 2228 |
| Manzanillo (Mex) | 8502 | 7376 | 8275 | 8702 | 7143 | 8690 | 7110 | 3160 |
| Mazatlan (Mex) | 8562 | 7985 | 8300 | 8762 | 7203 | 8918 | 7215 | 2845 |
| Nanaimo | 8548 | 6906 | 8458 | 8800 | 7344 | 8213 | 7300 | 2417 |
| New Westminster | 8560 | 6918 | 8470 | 8915 | 7356 | 8225 | 7312 | 2429 |
| Portland (Oreg) | 8642 | 6921 | 8380 | 8086 | 7267 | 8228 | 7367 | 2332 |
| Port Alberni | 8455 | 6813 | 8365 | 8810 | 7251 | 8120 | 7207 | 2324 |
| Port Isabel | 8956 | 8355 | 8693 | 9135 | 7582 | 9311 | 7456 | 3230 |
| Port Moody | 8560 | 6918 | 8470 | 8906 | 7347 | 8225 | 7303 | 2427 |
| Prince Rupert | 8411 | 6769 | 8321 | 8757 | 7198 | 8076 | 7308 | 2393 |
| Puerto Montt | 7394 | 8315 | 7173 | 7544 | 6047 | 7750 | 5801 | 6144 |
| Puntarenas (CR) | 9002 | 9143 | 8782 | 6259 | 7700 | 9358 | 7454 | 4509 |
| Punta Arenas (Ch) | 7141 | 8069 | 6920 | 7321 | 5885 | 7497 | 5603 | 6370 |
| Salina Cruz | 8758 | 8107 | 8534 | 8948 | 7442 | 9030 | 7295 | 3615 |
| San Francisco | 8344 | 6991 | 8082 | 8501 | 7007 | 8298 | 6958 | 2095 |
| San José (Guat) | 8927 | 8973 | 8706 | 9107 | 7627 | 9283 | 7374 | 3845 |
| Seattle | 8540 | 6898 | 8450 | 8893 | 7334 | 8205 | 7290 | 2407 |
| Tacoma | 8560 | 6918 | 8470 | 8915 | 7356 | 8225 | 7312 | 2429 |
| Talcahuano | 7485 | 8406 | 7264 | 7855 | 6296 | 7841 | 5902 | 5926 |
| Tocopilla | 8135 | 9070 | 7914 | 8235 | 6676 | 8491 | 6380 | 5750 |
| Valparaiso | 7647 | 8561 | 7426 | 7768 | 6209 | 8003 | 6000 | 5919 |
| Vancouver (BC) | 8556 | 6914 | 8466 | 8902 | 7343 | 8221 | 7299 | 2434 |
| Victoria (Vanc Is) | 8480 | 6838 | 8390 | 8835 | 7276 | 8145 | 7232 | 2349 |

| AREA H | AREA G | | | | | | | |
|--------------------|------------|-----------|--------|--------|---------|-----------|--------|--------------|
| | Launceston | Lyttelton | Mackay | Madang | Makatea | Melbourne | Napier | Nauru Island |
| Antofagasta | 6761 | 5474 | 7304 | 7941 | 3952 | 6646 | 5464 | 7203 |
| Arica | 6738 | 5731 | 7540 | 8090 | 4488 | 6900 | 5703 | 7260 |
| Astoria | 7167 | 6424 | 6763 | 5800 | 3923 | 7181 | 6068 | 4574 |
| Balboa | 7811 | 6574 | 8144 | 8080 | 4442 | 7880 | 6397 | 6918 |
| Buenaventura | 7743 | 6519 | 8090 | 8138 | 4425 | 7786 | 6298 | 6985 |
| Cabo Blanco (Peru) | 7045 | 5913 | 7605 | 7985 | 4119 | 7228 | 5784 | 6695 |
| Caldera | 6369 | 5306 | 7169 | 7847 | 4324 | 6668 | 5281 | 7022 |
| Callao | 7086 | 5861 | 7534 | 7954 | 4170 | 7120 | 5660 | 6915 |
| Cape Horn | 5739 | 4620 | 6458 | 7105 | 4331 | 5250 | 4603 | 6680 |
| Chimbote | 7015 | 5837 | 7519 | 7919 | 4094 | 7124 | 5672 | 6755 |
| Coos Bay | 7011 | 6252 | 6435 | 5680 | 3783 | 6394 | 5908 | 4425 |
| Corinto | 7569 | 6370 | 7808 | 7564 | 4152 | 7736 | 6147 | 6336 |
| Eureka | 6840 | 6106 | 6299 | 5534 | 3652 | 6988 | 5762 | 4289 |
| Guayaquil | 7220 | 6052 | 7774 | 7965 | 4212 | 7390 | 5946 | 6822 |
| Guaymas | 7209 | 6163 | 7181 | 6626 | 3595 | 7347 | 5880 | 5388 |
| Honolulu | 4895 | 4278 | 4544 | 3558 | 2258 | 4940 | 3936 | 2433 |
| Iquique | 6983 | 5646 | 7517 | 8063 | 4469 | 7111 | 5618 | 7263 |
| Los Angeles | 6929 | 5924 | 6715 | 5928 | 3448 | 7025 | 5684 | 4669 |
| Manzanillo (Mex) | 7031 | 5885 | 6958 | 6425 | 3384 | 7143 | 5643 | 5185 |
| Mazatlan (Mex) | 7072 | 5958 | 7018 | 6486 | 3466 | 7203 | 5703 | 5248 |
| Nanaimo | 7345 | 6607 | 6916 | 5923 | 4194 | 7344 | 6269 | 4699 |
| New Westminster | 7357 | 6619 | 6928 | 5935 | 4206 | 7356 | 6281 | 4711 |
| Portland (Oreg) | 7267 | 6571 | 6846 | 5883 | 4051 | 7274 | 6151 | 4657 |
| Port Alberni | 7252 | 6519 | 6823 | 5830 | 4101 | 7251 | 6176 | 4606 |
| Port Isabel | 7439 | 6393 | 7411 | 6856 | 3825 | 7577 | 6110 | 5618 |
| Port Moody | 7348 | 6610 | 6928 | 5935 | 4197 | 7354 | 6281 | 4711 |
| Prince Rupert | 7353 | 6615 | 6779 | 5786 | 4205 | 7359 | 6286 | 4716 |
| Puerto Montt | 6022 | 4742 | 6672 | 7313 | 4324 | 6095 | 4804 | 6791 |
| Puntarenas (CR) | 7636 | 6399 | 7969 | 7905 | 4267 | 7705 | 6222 | 6743 |
| Punta Arenas (Ch) | 5698 | 4570 | 6417 | 7064 | 4362 | 5881 | 4562 | 6639 |
| Salina Cruz | 7300 | 6127 | 7383 | 6994 | 3768 | 7439 | 5895 | 5760 |
| San Francisco | 6951 | 5971 | 6628 | 5767 | 3625 | 7000 | 5731 | 4509 |
| San José (Guat) | 7484 | 6254 | 7648 | 7352 | 3966 | 7622 | 6039 | 6077 |
| Seattle | 7335 | 6597 | 6908 | 5915 | 4173 | 7334 | 6261 | 4691 |
| Tacoma | 7357 | 6619 | 6928 | 5935 | 4206 | 7356 | 6281 | 4711 |
| Talcahuano | 5881 | 4886 | 6763 | 7478 | 4186 | 6296 | 4885 | 6864 |
| Tocopilla | 6546 | 5901 | 7434 | 8001 | 4412 | 6676 | 5539 | 7208 |
| Valparaiso | 6346 | 4914 | 6927 | 7562 | 4286 | 6300 | 5046 | 6944 |
| Vancouver (BC) | 7344 | 6606 | 6924 | 5931 | 4193 | 7350 | 6277 | 4707 |
| Victoria (Vanc Is) | 7277 | 6539 | 6848 | 5855 | 4126 | 7276 | 6201 | 4631 |

| AREA H | Nelson | Newcastle (New South Wales) | New Plymouth | Noumea | Otago Harbour | Papeete | Portland (Victoria) | Port Hedland |
|--------------------|--------|--------------------------------|--------------|--------|---------------|---------|------------------------|--------------|
| Antofagasta | 5581 | 6707 | 5638 | 6638 | 5472 | 3920 | 6876 | 9170 |
| Arica | 5803 | 6899 | 5860 | 6714 | 5720 | 4456 | 7095 | 9389 |
| Astoria | 6350 | 6750 | 6407 | 5648 | 6542 | 4046 | 7253 | 7493 |
| Balboa | 6596 | 7650 | 6653 | 7000 | 6751 | 4492 | 8000 | 10110 |
| Buenaventura | 6486 | 7603 | 6543 | 6972 | 6734 | 4475 | 7852 | 10143 |
| Cabo Blanco (Peru) | 5970 | 7068 | 6027 | 6549 | 5974 | 4144 | 7298 | 9592 |
| Caldera | 5423 | 6548 | 5483 | 6290 | 5278 | 4292 | 6703 | 8997 |
| Callao | 5821 | 6925 | 5878 | 6550 | 5996 | 4192 | 7131 | 9425 |
| Cape Horn | 4711 | 5890 | 4768 | 5660 | 4652 | 4299 | 5992 | 8286 |
| Chimbote | 5845 | 6946 | 5902 | 6499 | 5935 | 4118 | 7164 | 9458 |
| Coos Bay | 6210 | 6490 | 6267 | 5501 | 6420 | 3906 | 7113 | 7353 |
| Corinto | 6371 | 7368 | 6428 | 6590 | 6453 | 4177 | 7818 | 9632 |
| Eureka | 6235 | 6506 | 6307 | 5537 | 6255 | 3775 | 7139 | 7379 |
| Guayaquil | 6134 | 7258 | 6191 | 6686 | 6097 | 4237 | 7478 | 9772 |
| Guaymas | 6149 | 6880 | 6206 | 5932 | 6310 | 3718 | 7429 | 8780 |
| Honolulu | 4218 | 4360 | 4275 | 3369 | 4389 | 2381 | 5027 | 5796 |
| Iquique | 5753 | 6811 | 5810 | 6617 | 5642 | 4439 | 7045 | 9339 |
| Los Angeles | 5965 | 6456 | 6022 | 5521 | 6127 | 3571 | 7089 | 7891 |
| Manzanillo (Mex) | 5955 | 6703 | 6012 | 5827 | 6009 | 3507 | 7249 | 8680 |
| Mazatlan (Mex) | 5972 | 6720 | 6029 | 5775 | 6083 | 3589 | 7266 | 8640 |
| Nanaimo | 6551 | 6623 | 6608 | 5777 | 6735 | 4317 | 7416 | 7561 |
| New Westminster | 6563 | 6797 | 6620 | 5789 | 6747 | 4329 | 7428 | 7573 |
| Portland (Oreg) | 6433 | 6683 | 6490 | 5660 | 6627 | 4174 | 7346 | 7576 |
| Port Alberni | 6458 | 6692 | 6515 | 5684 | 6642 | 4224 | 7323 | 7468 |
| Port Isabel | 6379 | 7110 | 6436 | 6162 | 6540 | 3948 | 7659 | 9010 |
| Port Moody | 6563 | 6788 | 6620 | 5790 | 6738 | 4320 | 7428 | 7573 |
| Prince Rupert | 6568 | 6793 | 6625 | 5795 | 6743 | 4325 | 7433 | 7424 |
| Puerto Montt | 4921 | 6064 | 4985 | 5872 | 4760 | 4292 | 6204 | 8498 |
| Puntarenas (CR) | 6383 | 7409 | 6441 | 6695 | 6576 | 4234 | 7809 | 9771 |
| Punta Arenas (Ch) | 4670 | 5849 | 4727 | 5624 | 4811 | 4331 | 5951 | 8245 |
| Salina Cruz | 6163 | 7035 | 6220 | 6208 | 6231 | 3842 | 7533 | 9156 |
| San Francisco | 6013 | 6467 | 6070 | 5420 | 6175 | 3748 | 7048 | 7646 |
| San José (Guat) | 6271 | 7222 | 6328 | 6419 | 6371 | 4016 | 7704 | 9628 |
| Seattle | 6543 | 6775 | 6600 | 5760 | 6725 | 4296 | 7408 | 7553 |
| Tacoma | 6563 | 6797 | 6620 | 5789 | 6747 | 4329 | 7428 | 7573 |
| Talcahuano | 5012 | 6163 | 5075 | 5931 | 4786 | 4154 | 6295 | 8589 |
| Tocopilla | 5680 | 6705 | 5737 | 6495 | 5654 | 4380 | 6945 | 9239 |
| Valparaiso | 5173 | 6280 | 5243 | 6120 | 4910 | 4254 | 6457 | 8751 |
| Vancouver (BC) | 6559 | 6784 | 6616 | 5786 | 6734 | 4316 | 7424 | 7569 |
| Victoria (Vanc Is) | 6483 | 6717 | 6540 | 5709 | 6667 | 4249 | 7348 | 7493 |

| AREA H | Port Kembla | Port Lincoln | Port Moresby | Port Pirie | Rockhampton | Suva | Sydney | Wellington |
|--------------------|-------------|--------------|--------------|------------|-------------|------|--------|------------|
| Antofagasta | 6724 | 7255 | 7824 | 7356 | 7106 | 6072 | 6717 | 5483 |
| Arica | 7002 | 7509 | 8077 | 7610 | 7432 | 6263 | 6929 | 5735 |
| Astoria | 6671 | 7646 | 6061 | 7747 | 6563 | 5018 | 6654 | 6244 |
| Balboa | 7672 | 8410 | 8199 | 8511 | 7946 | 6300 | 7680 | 6500 |
| Buenaventura | 7591 | 8231 | 8187 | 8332 | 7892 | 4658 | 7603 | 6369 |
| Cabo Blanco (Peru) | 7075 | 7677 | 7849 | 7778 | 7407 | 5927 | 7081 | 5866 |
| Caldera | 6527 | 7082 | 7626 | 7183 | 6969 | 5874 | 6542 | 5288 |
| Callao | 6926 | 7510 | 7883 | 7611 | 7336 | 5995 | 7000 | 5721 |
| Cape Horn | 5840 | 6371 | 6957 | 6472 | 6260 | 5402 | 5823 | 4500 |
| Chimbote | 6950 | 7543 | 7816 | 7645 | 7321 | 5911 | 6990 | 5744 |
| Coos Bay | 6567 | 7542 | 5900 | 7643 | 6401 | 4856 | 6550 | 6071 |
| Corinto | 7408 | 8201 | 7680 | 8302 | 7610 | 5898 | 7398 | 6276 |
| Eureka | 6486 | 7461 | 6031 | 7562 | 6532 | 4987 | 6469 | 5981 |
| Guayaquil | 7239 | 7857 | 7989 | 7958 | 7576 | 6067 | 7268 | 5998 |
| Guaymas | 6943 | 7812 | 6802 | 7913 | 6983 | 5218 | 6920 | 6045 |
| Honolulu | 4447 | 5410 | 3857 | 5511 | 4346 | 2776 | 4425 | 4113 |
| Iquique | 6893 | 7424 | 7965 | 7525 | 7319 | 6151 | 6820 | 5650 |
| Los Angeles | 6540 | 7472 | 6136 | 7573 | 6517 | 4788 | 6511 | 5858 |
| Manzanillo (Mex) | 6793 | 7655 | 6678 | 7756 | 6836 | 5067 | 6774 | 5770 |
| Mazatlan (Mex) | 6787 | 7649 | 6662 | 7750 | 6820 | 5051 | 6768 | 5860 |
| Nanaimo | 6830 | 7807 | 6183 | 7908 | 6718 | 5172 | 6818 | 6415 |
| New Westminster | 6842 | 7819 | 6195 | 7920 | 6730 | 5192 | 6830 | 6427 |
| Portland (Oreg) | 6754 | 7729 | 6144 | 7830 | 6646 | 5108 | 6737 | 6327 |
| Port Alberni | 6737 | 7714 | 6095 | 7815 | 6625 | 5087 | 6725 | 6322 |
| Port Isabel | 7173 | 8042 | 7032 | 8143 | 7213 | 7448 | 7150 | 6275 |
| Port Moody | 6842 | 7819 | 6195 | 7920 | 6730 | 5175 | 6824 | 6451 |
| Prince Rupert | 6683 | 7670 | 6046 | 7771 | 6581 | 5180 | 6671 | 6456 |
| Puerto Montt | 6037 | 6583 | 7218 | 6684 | 6474 | 5564 | 5720 | 4693 |
| Puntarenas (CR) | 7497 | 8235 | 8024 | 8336 | 7771 | 6125 | 7505 | 6325 |
| Punta Arenas (Ch) | 5799 | 6330 | 7034 | 6431 | 6219 | 5369 | 5150 | 4350 |
| Salina Cruz | 7101 | 7928 | 7179 | 8029 | 7223 | 5482 | 7086 | 6023 |
| San Francisco | 6481 | 7430 | 5992 | 7531 | 6430 | 4749 | 6450 | 5900 |
| San José (Guat) | 7262 | 8087 | 7471 | 8188 | 7450 | 5708 | 7252 | 4570 |
| Seattle | 6822 | 7799 | 6175 | 7900 | 6710 | 5162 | 6810 | 6433 |
| Tacoma | 6842 | 7819 | 6195 | 7920 | 6730 | 5184 | 6830 | 6454 |
| Talcahuano | 6115 | 6674 | 7248 | 6775 | 6569 | 5606 | 6157 | 4846 |
| Tocopilla | 6783 | 7324 | 7912 | 7425 | 7236 | 6105 | 6684 | 5663 |
| Valparaiso | 6275 | 6836 | 7403 | 6937 | 6729 | 5759 | 6290 | 5036 |
| Vancouver (BC) | 6838 | 7815 | 6191 | 7916 | 6726 | 5171 | 6820 | 6447 |
| Victoria (Vanc Is) | 6762 | 7739 | 6115 | 7840 | 6650 | 5112 | 6750 | 6347 |

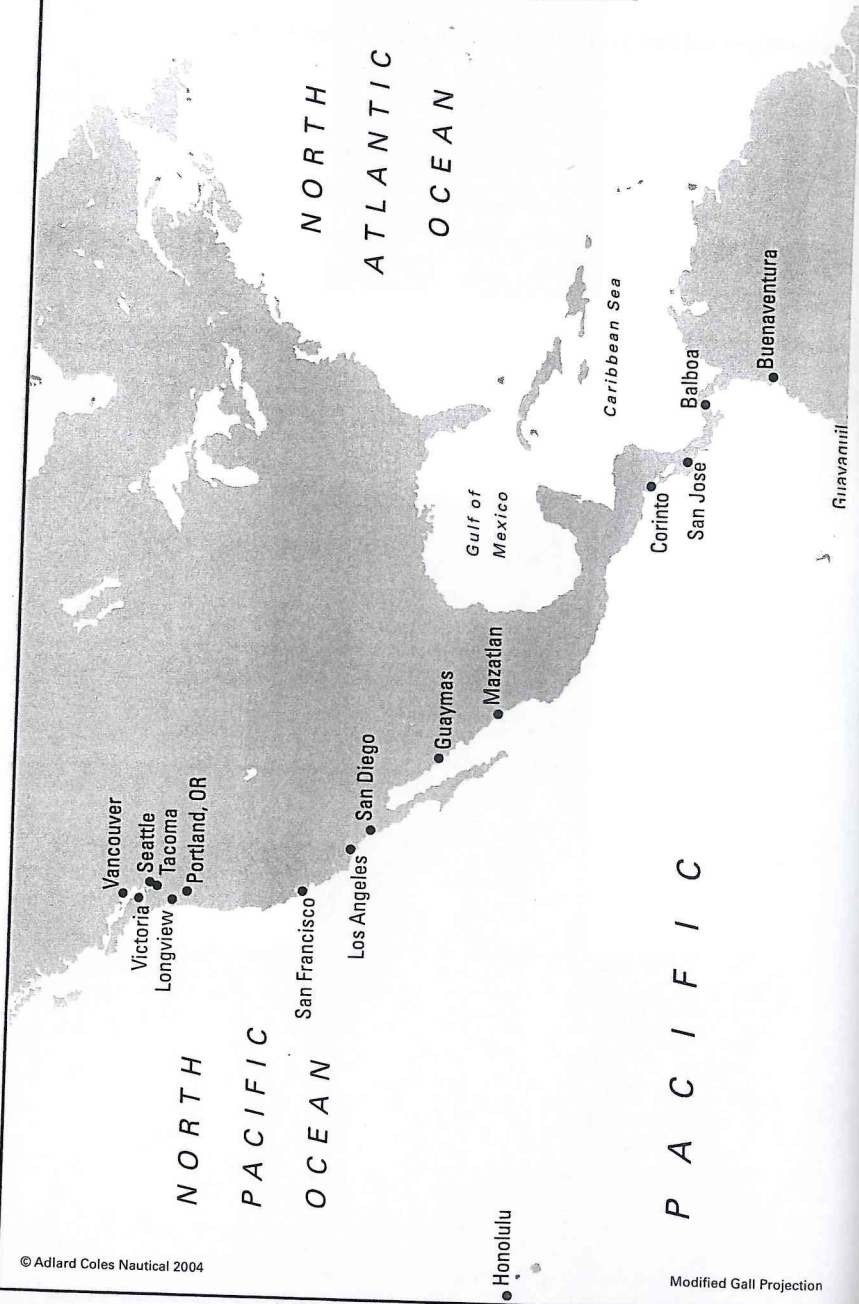
Area H

Distances between principal ports on the West coast of North and South America.

AREA H

Reeds Marine Distance Tables

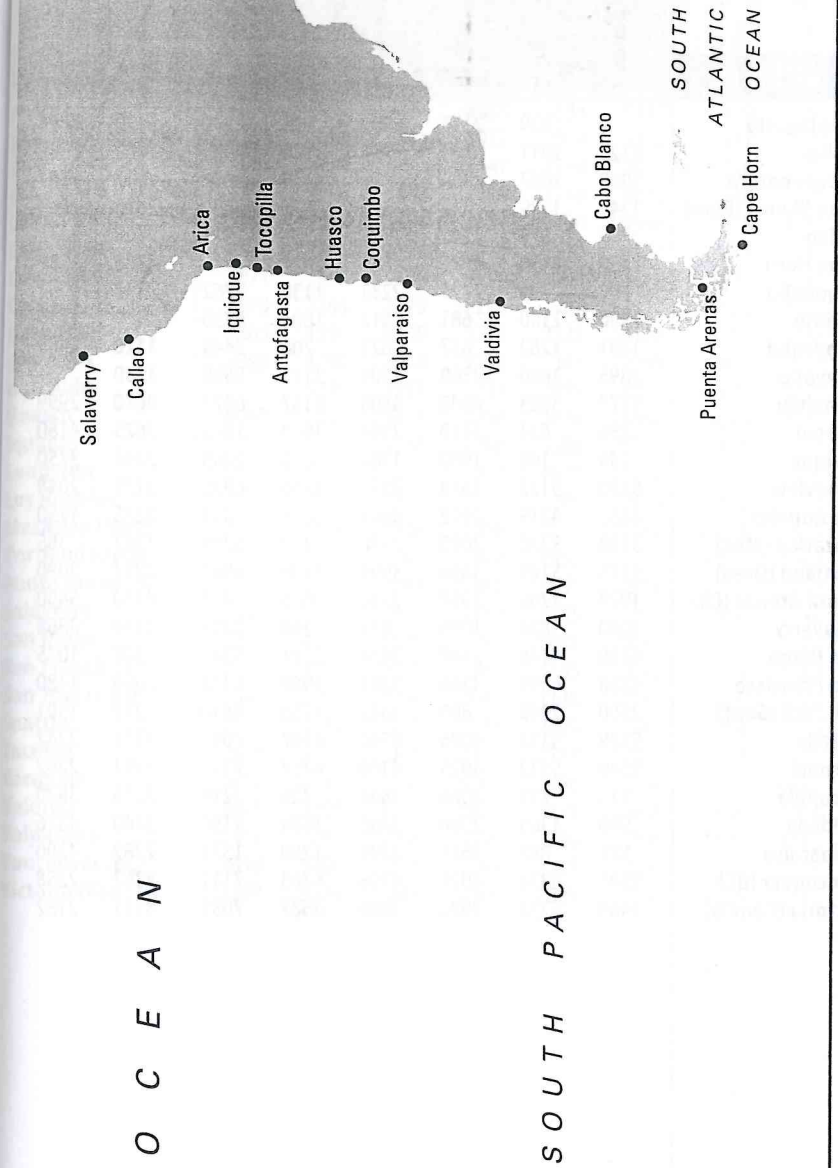
WEST COAST OF NORTH & SOUTH AMERICA



AREA H

Reeds Marine Distance Tables

WEST COAST OF NORTH & SOUTH AMERICA



AREA H

| AREA H | Antofagasta | Arica | Balboa | Buenaventura | Callao | Cape Horn | Corinto | Guaymas |
|--------------------|-------------|-------|--------|--------------|--------|-----------|---------|---------|
| Antofagasta | - | 339 | 2125 | 1909 | 795 | 2130 | 2390 | 3895 |
| Balboa | 2125 | 1911 | - | 354 | 1340 | 4085 | 681 | 2369 |
| Buenaventura | 1909 | 1697 | 354 | - | 1124 | 3867 | 817 | 2501 |
| Cabo Blanco (Peru) | 1241 | 1129 | 812 | 596 | 556 | 3299 | 1093 | 2603 |
| Callao | 795 | 579 | 1340 | 1124 | - | 2814 | 1604 | 3113 |
| Cape Horn | 2130 | 2450 | 4085 | 3867 | 2814 | - | 4330 | 5539 |
| Coquimbo | 390 | 703 | 2425 | 2233 | 1130 | 1762 | 2717 | 4157 |
| Corinto | 2390 | 2180 | 681 | 817 | 1604 | 4330 | - | 1730 |
| Guayaquil | 1491 | 1282 | 837 | 621 | 706 | 3449 | 1120 | 2683 |
| Guaymas | 3895 | 3680 | 2369 | 2501 | 3113 | 5539 | 1730 | - |
| Honolulu | 5777 | 5683 | 4688 | 4808 | 5157 | 6477 | 4070 | 2999 |
| Huasco | 288 | 624 | 2410 | 2194 | 1080 | 1845 | 2675 | 4180 |
| Iquique | 234 | 108 | 1980 | 1764 | 650 | 2345 | 2245 | 3750 |
| Longview | 5333 | 5123 | 3814 | 3951 | 4556 | 6926 | 3175 | 2048 |
| Los Angeles | 4433 | 4219 | 2912 | 3047 | 3654 | 6010 | 2275 | 1150 |
| Mazatlan (Mex) | 3533 | 3320 | 2010 | 2138 | 2750 | 5206 | 1367 | 385 |
| Portland (Oreg) | 5375 | 5165 | 3856 | 3993 | 4598 | 6968 | 3217 | 2090 |
| Punta Arenas (Ch) | 1979 | 2296 | 3937 | 3716 | 2655 | 417 | 4170 | 5400 |
| Salaverry | 1040 | 824 | 1095 | 879 | 246 | 3059 | 1319 | 2868 |
| San Diego | 4358 | 4146 | 2844 | 2974 | 3581 | 5945 | 2207 | 1075 |
| San Francisco | 4768 | 4559 | 3246 | 3381 | 3988 | 6338 | 2609 | 1480 |
| San José (Guat) | 2550 | 2340 | 889 | 1022 | 1763 | 4440 | 232 | 1501 |
| Seattle | 5529 | 5312 | 4005 | 4140 | 4747 | 7095 | 3371 | 2242 |
| Tacoma | 5549 | 5332 | 4025 | 4160 | 4767 | 7115 | 3391 | 2262 |
| Tocopilla | 113 | 235 | 2060 | 1844 | 726 | 2218 | 2325 | 3830 |
| Valdivia | 990 | 1305 | 2980 | 2766 | 1684 | 1150 | 3240 | 4576 |
| Valparaiso | 571 | 888 | 2615 | 2399 | 1299 | 1573 | 2282 | 4290 |
| Vancouver (BC) | 5545 | 5328 | 4021 | 4156 | 4763 | 7111 | 3387 | 2258 |
| Victoria (Vanc Is) | 5469 | 5252 | 3945 | 4080 | 4687 | 7035 | 3311 | 2182 |

Other ports on West Coasts of North and South America

AREA H

| AREA H | Honolulu | Iquique | Longview | Los Angeles | Mazatlan (Mex) | Portland (Oregon) | Punta Arenas (Chile) | San Diego |
|--------------------|----------|---------|----------|-------------|----------------|-------------------|----------------------|-----------|
| Antofagasta | 5777 | 234 | 5333 | 4433 | 3533 | 5375 | 1979 | 4358 |
| Balboa | 4688 | 1980 | 3814 | 2912 | 2010 | 3856 | 3937 | 2844 |
| Buenaventura | 4808 | 1764 | 3951 | 3047 | 2138 | 3993 | 3716 | 2974 |
| Cabo Blanco (Peru) | 4731 | 1196 | 4050 | 3148 | 2240 | 4092 | 3148 | 3075 |
| Callao | 5157 | 650 | 4556 | 3654 | 2750 | 4598 | 2655 | 3581 |
| Cape Horn | 6477 | 2345 | 6926 | 6010 | 5206 | 6968 | 417 | 5945 |
| Coquimbo | 5871 | 598 | 5578 | 4680 | 3790 | 5620 | 1612 | 4615 |
| Corinto | 4070 | 2245 | 3175 | 2275 | 1367 | 3217 | 4170 | 2207 |
| Guayaquil | 4865 | 1346 | 4130 | 3228 | 2323 | 4172 | 3298 | 3158 |
| Guaymas | 2999 | 3750 | 2048 | 1150 | 385 | 2090 | 5400 | 1075 |
| Honolulu | - | 5720 | 2287 | 2231 | 2859 | 2329 | 6370 | 2275 |
| Huasco | 6060 | 519 | 5618 | 4718 | 3818 | 5660 | 1694 | 4643 |
| Iquique | 5720 | - | 5188 | 4288 | 3388 | 5230 | 2191 | 4213 |
| Longview | 2287 | 5188 | - | 937 | 1910 | 42 | 6781 | 1020 |
| Los Angeles | 2231 | 4288 | 937 | - | 1006 | 979 | 5865 | 95 |
| Mazatlan (Mex) | 2859 | 3388 | 1910 | 1006 | - | 1952 | 5051 | 935 |
| Portland (Oreg) | 2329 | 5230 | 42 | 979 | 1952 | - | 6823 | 1062 |
| Punta Arenas (Ch) | 6370 | 2191 | 6781 | 5865 | 5051 | 6823 | - | 5792 |
| Salaverry | 4910 | 895 | 4311 | 3369 | 2505 | 4353 | 2900 | 3336 |
| San Diego | 2275 | 4213 | 1020 | 95 | 935 | 1062 | 5792 | - |
| San Francisco | 2095 | 4623 | 603 | 369 | 1345 | 645 | 6201 | 453 |
| San José (Guat) | 3845 | 2405 | 2950 | 2047 | 1140 | 2992 | 4290 | 1974 |
| Seattle | 2403 | 5384 | 305 | 1128 | 2099 | 347 | 6988 | 1209 |
| Tacoma | 2423 | 5404 | 325 | 1148 | 2119 | 367 | 7008 | 1229 |
| Tocopilla | 5757 | 130 | 5268 | 4368 | 3468 | 5310 | 2067 | 4293 |
| Valdivia | 5975 | 1200 | 4920 | 5075 | 4215 | 4962 | 1006 | 5008 |
| Valparaiso | 5917 | 783 | 5708 | 4806 | 3930 | 5750 | 1427 | 4733 |
| Vancouver (BC) | 2419 | 5400 | 321 | 1144 | 2115 | 363 | 7004 | 1225 |
| Victoria (Vanc Is) | 2343 | 5324 | 245 | 1068 | 2039 | 287 | 6928 | 1149 |

Other ports on West Coasts of North and South America

| AREA H | San Francisco | San José (Guat) | Seattle | Tocopilla | Valdivia | Valparaiso | Vancouver (BC) | Victoria (Vanc Is) |
|--------------------|---------------|-----------------|---------|-----------|----------|------------|----------------|--------------------|
| Antofagasta | 4768 | 2550 | 5529 | 113 | 990 | 571 | 5545 | 5469 |
| Balboa | 3246 | 889 | 4005 | 2060 | 2980 | 2615 | 4021 | 3945 |
| Buenaventura | 3381 | 1022 | 4140 | 1844 | 2766 | 2399 | 4156 | 4080 |
| Cabo Blanco (Peru) | 3482 | 1259 | 4241 | 1276 | 2198 | 1831 | 4257 | 4181 |
| Callao | 3988 | 1763 | 4747 | 726 | 1684 | 1299 | 4763 | 4687 |
| Cape Horn | 6338 | 4440 | 7095 | 2218 | 1150 | 1573 | 7111 | 7035 |
| Coquimbo | 5022 | 2864 | 5776 | 478 | 622 | 203 | 5792 | 5716 |
| Corinto | 2609 | 232 | 3371 | 2325 | 3240 | 2882 | 3387 | 3311 |
| Guayaquil | 3562 | 1290 | 4324 | 1426 | 2350 | 1984 | 4340 | 4264 |
| Guaymas | 1480 | 1501 | 2242 | 3830 | 4576 | 4290 | 2258 | 2182 |
| Honolulu | 2095 | 3845 | 2403 | 5757 | 5975 | 5917 | 2419 | 2343 |
| Huasco | 5053 | 2835 | 5814 | 398 | 705 | 286 | 5830 | 5754 |
| Iquique | 4623 | 2405 | 5384 | 130 | 1200 | 783 | 5400 | 5324 |
| Longview | 603 | 2950 | 305 | 5268 | 4920 | 5708 | 321 | 245 |
| Los Angeles | 369 | 2047 | 1128 | 4368 | 5075 | 4806 | 1144 | 1068 |
| Mazatlan (Mex) | 1345 | 1140 | 2099 | 3468 | 4215 | 3930 | 2115 | 2039 |
| Portland (Oreg) | 645 | 2992 | 347 | 5310 | 4962 | 5750 | 363 | 287 |
| Punta Arenas (Ch) | 6201 | 4290 | 6988 | 2067 | 1006 | 1427 | 7004 | 6928 |
| Salaverry | 3743 | 1518 | 4502 | 4522 | 1929 | 1544 | 4518 | 4442 |
| San Diego | 453 | 1974 | 1209 | 4293 | 5008 | 4733 | 1225 | 1149 |
| San Francisco | - | 2385 | 796 | 4703 | 5416 | 5146 | 812 | 736 |
| San José (Guat) | 2385 | - | 3140 | 2485 | 3378 | 3024 | 3156 | 3080 |
| Seattle | 796 | 3140 | - | 5464 | 6169 | 5899 | 126 | 70 |
| Tacoma | 816 | 3160 | 20 | 5484 | 6189 | 5919 | 146 | 90 |
| Tocopilla | 4703 | 2485 | 5464 | - | 1080 | 663 | 5480 | 5404 |
| Valdivia | 5416 | 3378 | 6169 | 1080 | - | 439 | 6185 | 6109 |
| Valparaiso | 5146 | 3024 | 5899 | 663 | 439 | - | 5915 | 5839 |
| Vancouver (BC) | 812 | 3156 | 126 | 5480 | 6185 | 5915 | - | 74 |
| Victoria (Vanc Is) | 736 | 3080 | 70 | 5404 | 6109 | 5839 | 74 | - |

Ports in the Great Lakes and the St Lawrence Seaway

| | Buffalo | Chicago | Cleveland | Detroit | Duluth-Superior | Hamilton | Milwaukee | Montreal | Port Arthur | Toledo | Toronto |
|-----------------|---------|---------|-----------|---------|-----------------|----------|-----------|----------|-------------|--------|---------|
| Buffalo | - | 895 | 175 | 260 | 985 | 80 | 830 | 385 | 865 | 255 | 75 |
| Chicago | 895 | - | 740 | 635 | 810 | 930 | 85 | 1240 | 685 | 690 | 930 |
| Cleveland | 175 | 740 | - | 110 | 835 | 215 | 675 | 525 | 710 | 95 | 215 |
| Detroit | 260 | 635 | 110 | - | 725 | 300 | 570 | 610 | 605 | 55 | 300 |
| Duluth-Superior | 985 | 810 | 835 | 725 | - | 1025 | 745 | 1335 | 195 | 780 | 1025 |
| Hamilton | 80 | 930 | 215 | 300 | 1025 | - | 870 | 360 | 905 | 295 | 30 |
| Kingston | 210 | 1065 | 345 | 430 | 1155 | 185 | 1000 | 180 | 1035 | 425 | 160 |
| Milwaukee | 830 | 85 | 675 | 570 | 745 | 870 | - | 1175 | 620 | 620 | 865 |
| Montreal | 385 | 1240 | 525 | 610 | 1335 | 360 | 1175 | - | 1210 | 600 | 340 |
| Port Arthur | 865 | 685 | 710 | 605 | 195 | 905 | 620 | 1210 | - | 660 | 905 |
| Sault Ste Marie | 590 | 415 | 440 | 330 | 305 | 630 | 350 | 940 | 275 | 385 | 630 |
| Toledo | 255 | 690 | 95 | 55 | 780 | 295 | 620 | 600 | 660 | - | 290 |
| Toronto | 75 | 930 | 215 | 300 | 1025 | 30 | 865 | 340 | 905 | 290 | - |

The above distances are given in statute miles which is usual for this locality.

Note: 1.15 statute miles equals 1 nautical mile.

Major turning points around the globe

Key: CW = Cape Wrath
DS = Dover Strait

| Area | Bishop Rock | Cape Wrath | Dover Strait | Finisterre | North Cape | Skaw | Ushant | Gibraltar |
|---------------------------|-------------|------------|--------------|------------|------------|--------|--------|-----------|
| | A | A | A | A | A | A | A | A |
| A Bishop Rock | - | - | - | - | - | - | - | - |
| A Cape Wrath | 581 | - | - | - | - | - | - | - |
| A Dover Strait | 325 | 583 | - | - | - | - | - | - |
| A Finisterre | 424 | 1005 | 700 | - | - | - | - | - |
| A North Cape | 1667CW | 1086 | 1430 | 2130 | - | - | - | - |
| A Skaw | 860 | 530 | 535 | 1235 | 1157 | - | - | - |
| A Ushant | 95 | 700 | 319 | 378 | 1746DS | 854 | - | - |
| A/B Gibraltar | 988 | 1569 | 1261 | 564 | 2691 | 1796 | 942 | - |
| B Istanbul | 2783 | 3364 | 3059 | 2330 | 4486 | 3545 | 2737 | 1795 |
| B Port Said | 2913 | 3494 | 3186 | 2455 | 4616 | 3670 | 2867 | 1925 |
| B Valletta, Malta | 1996 | 2577 | 2269 | 1530 | 3699 | 2745 | 1950 | 1008 |
| C Cape Race, NF | 1831 | 1910 | 2156 | 1840 | 2650 | 2440 | 1950 | 2240 |
| C Colón | 4325 | 4655 | 4665 | 4166 | 5465 | 4989 | 4400 | 4340 |
| C Key West | 3835 | 4035 | 4160 | 3705 | 4660 | 4363 | 3875 | 4060 |
| C Port of Spain, Trinidad | 3570 | 3895 | 3905 | 3338 | 5210 | 4351 | 3595 | 3460 |
| D Cape Town | 5763 | 6140 | 6095 | 5347 | 7345 | 6628 | 5745 | 5190 |
| D São Vicente, Cape Verde | 2173 | 2754 | 2449 | 1749 | 3876 | 2984 | 2130 | 1540 |
| D Dakar | 2196 | 2777 | 2479 | 1766 | 3906 | 3047 | 2160 | 1570 |
| D Recife | 3765 | 4105 | 4060 | 3360 | 5315 | 4630 | 3775 | 3150 |
| D/H Cape Horn | 7032 | 7323 | 7321 | 6625 | 8620 | 7897 | 7035 | 6387 |
| E Cape Guardafui | 4634† | 5165† | 4920† | 4254† | 6365† | 5499† | 4650† | 3670† |
| E Dondra Head, Sri Lanka | 6433† | 6970† | 6725† | 6053† | 8165† | 7298† | 6450† | 5469† |
| E Perim Island | 4174† | 4705† | 4460† | 3794† | 5905† | 5039† | 4190† | 3210† |
| E Strait of Hormuz | 5690† | 6226† | 5976† | 5310† | 7421† | 6555† | 5706† | 4726† |
| F Sabang | 7345† | 7870† | 7625† | 6885† | 9035† | 8205† | 7320† | 6375† |
| F Singapore | 7963† | 8440† | 8236† | 7477† | 9666† | 8805† | 7917† | 6975† |
| F Tanjung Priok | 8198† | 8779† | 8471† | 7737† | 9901† | 9040† | 8152† | 7210† |
| F Yokahama | 10918† | 11499† | 11191† | 10369† | 12621† | 11760† | 10872† | 9930† |
| G Torres Strait | 10353† | 10884† | 10639† | 9773† | 12069† | 11126† | 10470† | 9417† |
| G Bass Strait | 10670† | 11025† | 10970† | 10265† | 12410† | 11453† | 10701† | 9745† |
| G Cape Leeuwin | 9206† | 9559† | 9503† | 8798† | 10945† | 9985† | 9231† | 8280† |
| G/H Auckland | 10890* | 11155* | 11205* | 10725* | 12020* | 11545* | 10945* | 10865* |
| G/H Honolulu | 9065* | 9120* | 9380* | 8900* | 10195* | 9720* | 9120* | 9040* |
| H Balboa | 4390* | 4706* | 4715* | 4205* | 5510* | 5036* | 4445* | 4390* |
| H San Francisco | 7630* | 7982* | 7992* | 7482* | 8755* | 8281* | 7685* | 7600* |

Major turning points around the globe

Key: CW = Cape Wrath
DS = Dover Strait

| Area | Istanbul | Port Said | Valletta, Malta | Cape Race, NF | Colón | Key West | Port of Spain, Trinidad | Gibraltar |
|---------------------------|----------|-----------|-----------------|---------------|--------|----------|-------------------------|-----------|
| | B | B | B | C | C | C | C | D |
| A Bishop Rock | - | - | - | - | - | - | - | - |
| A Cape Wrath | - | - | - | - | - | - | - | - |
| A Dover Strait | - | - | - | - | - | - | - | - |
| A Finisterre | - | - | - | - | - | - | - | - |
| A North Cape | - | - | - | - | - | - | - | - |
| A Skaw | - | - | - | - | - | - | - | - |
| A Ushant | - | - | - | - | - | - | - | - |
| A/B Gibraltar | - | - | - | - | - | - | - | - |
| B Istanbul | - | - | - | - | - | - | - | - |
| B Port Said | 805 | - | - | - | - | - | - | - |
| B Valletta, Malta | 811 | 925 | - | - | - | - | - | - |
| C Cape Race, NF | 4035 | 4165 | 3248 | - | - | - | - | - |
| C Colón | 6115 | 6240 | 5310 | 2615 | - | - | - | - |
| C Key West | 5835 | 5960 | 5030 | 1977 | 1054 | - | - | - |
| C Port of Spain, Trinidad | 5235 | 5360 | 4430 | 2211 | 1140 | 1472 | - | - |
| D Cape Town | 6165† | 5360† | 6090 | 6165 | 6465 | 6718 | 5307 | - |
| D São Vicente, Cape Verde | 3335 | 3500 | 2565 | 2236 | 3225 | 3250 | 2178 | 3944 |
| D Dakar | 3330 | 3430 | 2445 | 2626 | 3694 | 3709 | 2628 | 3604 |
| D Recife | 4970 | 5065 | 4130 | 3451 | 3217 | 3539 | 2106 | 3318 |
| D/H Cape Horn | 8230 | 8322 | 7394 | 6709 | 4130* | 5148* | 5332 | 4256 |
| E Cape Guardafui | 2575† | 1760† | 2710† | 5841† | 8008† | 7647† | 7101† | 3620 |
| E Dondra Head, Sri Lanka | 4380† | 3550† | 4515† | 7642† | 9809† | 9448† | 8902† | 4300 |
| E Perim Island | 2115† | 1300† | 2250† | 5421† | 7548† | 7187† | 6641† | 4100 |
| E Strait of Hormuz | 3597† | 2791† | 3730† | 6880† | 9046† | 8689† | 8133† | 4668 |
| F Sabang | 5246† | 4440† | 5379† | 8510† | 10681† | 10316† | 9770† | 4980 |
| F Singapore | 5880† | 5065† | 6015† | 9111† | 10548* | 10917† | 10371† | 5630 |
| F Tanjung Priok | 6115† | 5300† | 6250† | 9378† | 10686* | 11184† | 10638† | 5190 |
| F Yokahama | 8835† | 8020† | 8970† | 10377* | 7725* | 8790* | 9187* | 8320 |
| G Torres Strait | 8285† | 7479† | 8418† | 11130* | 8504* | 9568* | 9662* | 6859C |
| G Bass Strait | 8610† | 7800† | 8750† | 10573* | 7921* | 8986* | 9080* | 6046C |
| G Cape Leeuwin | 7151† | 6345† | 7284† | 10442† | 9293* | 10358* | 10452* | 4675C |
| G/H Auckland | 10190† | 9380† | 10335† | 9207* | 6555* | 7620* | 7714* | 7150C |
| G/H Honolulu | 10880* | 10906* | 10045* | 7380* | 4728* | 5800* | 5887* | 10820C |
| H Balboa | 6200* | 6295* | 5360* | 2696* | 44* | 1109* | 1203* | 6509* |
| H San Francisco | 9419* | 9540* | 8605* | 5940* | 3290* | 4413* | 4464* | 9753* |

Major turning points around the globe

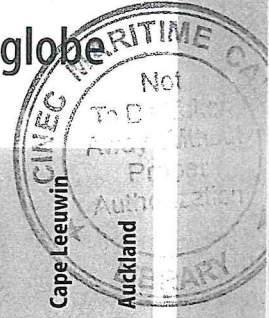
Key: CW = Cape Wrath
DS = Dover Strait

| Area | São Vicente Cape Verde | Dakar | Recife | Cape Horn | Cape Guardafui | Dondra Head | Perim Island | Straits of Hormuz |
|---------------------------|---------------------------|--------|--------|-----------|----------------|-------------|--------------|-------------------|
| | D | D | D | D/H | E | E | E | E |
| A Bishop Rock | - | - | - | - | - | - | - | - |
| A Cape Wrath | - | - | - | - | - | - | - | - |
| A Dover Strait | - | - | - | - | - | - | - | - |
| A Finisterre | - | - | - | - | - | - | - | - |
| A North Cape | - | - | - | - | - | - | - | - |
| A Skaw | - | - | - | - | - | - | - | - |
| A Ushant | - | - | - | - | - | - | - | - |
| A/B Gibraltar | - | - | - | - | - | - | - | - |
| B Istanbul | - | - | - | - | - | - | - | - |
| B Port Said | - | - | - | - | - | - | - | - |
| B Valletta, Malta | - | - | - | - | - | - | - | - |
| C Cape Race, NF | - | - | - | - | - | - | - | - |
| C Colón | - | - | - | - | - | - | - | - |
| C Key West | - | - | - | - | - | - | - | - |
| C Port of Spain, Trinidad | - | - | - | - | - | - | - | - |
| D Cape Town | - | - | - | - | - | - | - | - |
| D São Vicente, Cape Verde | - | - | - | - | - | - | - | - |
| D Dakar | 465 | - | - | - | - | - | - | - |
| D Recife | 1627 | 1717 | - | - | - | - | - | - |
| D/H Cape Horn | 4905 | 5005 | 3300 | - | - | - | - | - |
| E Cape Guardafui | 5238† | 5185† | 6823† | 7744C | - | - | - | - |
| E Dondra Head, Sri Lanka | 7059† | 6986† | 7606C | 8422C | 1779 | - | - | - |
| E Perim Island | 4798† | 4725† | 6363† | 8224C | 460 | 2259 | - | - |
| E Strait of Hormuz | 6271† | 6213† | 7953C | 8823C | 1160 | 1860 | 1530 | - |
| F Sabang | 7915† | 7858† | 8310C | 9180C | 2656 | 881 | 3136 | 2748 |
| F Singapore | 8528† | 8455† | 8934C | 9557 | 3247 | 1470 | 3735 | 3343 |
| F Tanjung Priok | 8795† | 8722† | 8490C | 9066 | 3520 | 1765 | 4000 | 3617 |
| F Yokahama | 11422† | 11349† | 10942* | 9301 | 6140 | 4371 | 6620 | 6236 |
| G Torres Strait | 10792C | 10452C | 10546M | 7217 | 5699 | 3941 | 6179 | 5813 |
| G Bass Strait | 9949C | 9641C | 9212M | 5875 | 6030 | 4552 | 6510 | 6419 |
| G Cape Leeuwin | 8568C | 8220C | 7928C | 7182 | 4564 | 3105 | 5044 | 4953 |
| G/H Auckland | 9680M | 9742M | 8071M | 4800 | 7620 | 6135 | 8100 | 7985 |
| G/H Honolulu | 7984* | 8422* | 7945* | 6477 | 9132 | 7358 | 9612 | 9221 |
| H Balboa | 3295* | 3738* | 3261* | 4085 | 8052*† | 9853*† | 7592*† | 9090*† |
| H San Francisco | 6550* | 6982* | 6505* | 6338 | 11296*† | 8990*† | 10836*† | 10718 |

Major turning points around the globe

Key: CW = Cape Wrath
DS = Dover Strait

| Area | Sabang | Singapore | Tanjung Priok | Yokahama | Torres Strait | Bass Strait | Cape Leeuwin | Auckland |
|---------------------------|---------|-----------|---------------|----------|---------------|-------------|--------------|----------|
| | F | F | F | F | G | G | G | G/H |
| A Bishop Rock | - | - | - | - | - | - | - | - |
| A Cape Wrath | - | - | - | - | - | - | - | - |
| A Dover Strait | - | - | - | - | - | - | - | - |
| A Finisterre | - | - | - | - | - | - | - | - |
| A North Cape | - | - | - | - | - | - | - | - |
| A Skaw | - | - | - | - | - | - | - | - |
| A Ushant | - | - | - | - | - | - | - | - |
| A/B Gibraltar | - | - | - | - | - | - | - | - |
| B Istanbul | - | - | - | - | - | - | - | - |
| B Port Said | - | - | - | - | - | - | - | - |
| B Valletta, Malta | - | - | - | - | - | - | - | - |
| C Cape Race, NF | - | - | - | - | - | - | - | - |
| C Colón | - | - | - | - | - | - | - | - |
| C Key West | - | - | - | - | - | - | - | - |
| C Port of Spain, Trinidad | - | - | - | - | - | - | - | - |
| D Cape Town | - | - | - | - | - | - | - | - |
| D São Vicente, Cape Verde | - | - | - | - | - | - | - | - |
| D Dakar | - | - | - | - | - | - | - | - |
| D Recife | - | - | - | - | - | - | - | - |
| D/H Cape Horn | - | - | - | - | - | - | - | - |
| E Cape Guardafui | - | - | - | - | - | - | - | - |
| E Dondra Head, Sri Lanka | - | - | - | - | - | - | - | - |
| E Perim Island | - | - | - | - | - | - | - | - |
| E Strait of Hormuz | - | - | - | - | - | - | - | - |
| F Sabang | - | - | - | - | - | - | - | - |
| F Singapore | 600 | - | - | - | - | - | - | - |
| F Tanjung Priok | 1075 | 527 | - | - | - | - | - | - |
| F Yokahama | 3492 | 2892 | 3221 | - | - | - | - | - |
| G Torres Strait | 3151 | 2550 | 2195 | 3142 | - | - | - | - |
| G Bass Strait | 4400 | 3800 | 3339 | 4886 | 2518 | - | - | - |
| G Cape Leeuwin | 2942 | 2341 | 1884 | 4592 | 2723 | 1519 | - | - |
| G/H Auckland | 5615 | 5015 | 4670 | 4800 | 2533 | 1601 | 3019 | - |
| G/H Honolulu | 6481 | 5880 | 5934 | 3397 | 4256 | 4888 | 6323 | 3850 |
| H Balboa | 10729*† | 10504 | 10642 | 7681 | 8459 | 7825 | 9177 | 6509 |
| H San Francisco | 7950 | 7350 | 7641 | 4536 | 6252 | 6957 | 8344 | 5680 |



Transatlantic Table

| | Azores | Bishop Rock | Cork | Dakar | Finisterre (10M off) | Gibraltar | Greenock | Inishtrahull |
|------------------|--------|-------------|-------|-------|----------------------|-----------|----------|--------------|
| Antigua | 2276 | 3301 | 3274 | 2565 | 3083 | 3193 | 3494 | 3376 |
| Barbados | 2345 | 3406 | 3388 | 2460 | 3147 | 3218 | 3628 | 3510 |
| Bermuda | 1939 | 2763 | 2706 | 2789 | 2665 | 2915 | 2866 | 2748 |
| Boston | 2078 | 2766 | 2709 | 3212 | 2708 | 3015 | 2865 | 2747 |
| Charleston | 2635 | 3360 | 3305 | 3550 | 3301 | 3605 | 3458 | 3340 |
| Colon | 3382f | 4352f | 4309f | 3683p | 4166f | 4324g | 4475e | 4357e |
| Curaçao | 2797h | 3805g | 3778g | 3008p | 3590h | 3711k | 3985g | 3867g |
| Georgetown | 2565 | 3652 | 3657 | 2440 | 3353 | 3376 | 3904 | 3786 |
| Halifax | 1776a | 2464a | 2407a | 2950 | 2396 | 2713a | 2563 | 2445 |
| Havana | 3060b | 3839b | 3782b | 3750e | 3771b | 4038b | 3938b | 3820b |
| Key West | 2998b | 3777b | 3720b | 3719e | 3709b | 3969b | 3876b | 3758b |
| Nassau (Bahamas) | 2721 | 3545 | 3488 | 3420 | 3448 | 3699 | 3644 | 3526 |
| New York | 2240 | 2930 | 2873 | 3324 | 2862 | 3183 | 3029 | 2911 |
| Norfolk (Va) | 2394 | 3099 | 3042 | 3395 | 3031 | 3349 | 3198 | 3080 |
| Port of Spain | 2539 | 3600 | 3591 | 2606 | 3337 | 3407 | 3819 | 3701 |
| Portland, Me | 2037 | 2725 | 2668 | 3195 | 2657 | 2976 | 2824 | 2706 |
| San Juan (PR) | 2410 | 3395 | 3366 | 2800 | 3198 | 3350 | 3560 | 3442 |
| St John's (NF) | 1319 | 1808 | 1732 | 2635 | 1820 | 2193 | 1846 | 1728 |
| St Maarten | 2292 | 3295 | 3276 | 2630 | 3086 | 3218 | 3479 | 3361 |
| Wilmington (NC) | 2526 | 3250 | 3193 | 3430 | 3187 | 3491 | 3354 | 3236 |

Routes have been compiled using the shortest navigable distance except for the most northerly routes, which are routed via 42° 30'N at 50° 00'W (Tail of the Bank).

Key:

- (a) via 40M S of Sable Island
- (b) via Florida Strait
- (c) via Providence Channels
- (d) via Windward Passage
- (e) via Caicos Passage
- (f) via Mona Passage
- (g) via Anegada Passage
- (h) S of St Kitts
- (k) S of Montserrat
- (m) N of Dominica
- (n) S of Martinique
- (p) N of St Vincent

Transatlantic Table

| | Las Palmas | Lisbon | Liverpool | Madeira | Plymouth | Sao Vicente (Cape Verde) | Ushant (25M West) |
|------------------|------------|--------|-----------|---------|----------|--------------------------|-------------------|
| Antigua | 2650 | 3036 | 3576 | 2599 | 3398 | 2120 | 3305 |
| Barbados | 2632 | 3081 | 3710 | 2615 | 3503 | 2018 | 3402 |
| Bermuda | 2555 | 2703 | 2948 | 2398 | 2860 | 2346 | 2791 |
| Boston | 2809 | 2787 | 2947 | 2593 | 2863 | 2802 | 2798 |
| Charleston | 3298 | 3379 | 3540 | 3130 | 3457 | 3101 | 3391 |
| Colon | 3800k | 4157f | 4557e | 3753f | 4449f | 3238n | 4370f |
| Curaçao | 3159m | 3550h | 4067g | 3111h | 3902g | 2576p | 3816f |
| Georgetown | 2739 | 3260 | 3986 | 2766 | 3749 | 2032 | 3638 |
| Halifax | 2506 | 2484 | 2645 | 2285 | 2561a | 2567 | 2496a |
| Havana | 3643c | 3822b | 4020b | 3500c | 3936b | 3282e | 3871b |
| Key West | 3573c | 3760b | 3958b | 3439c | 3874b | 3253c | 3809b |
| Nassau (Bahamas) | 3298 | 3497 | 3726 | 3165 | 3642 | 2980 | 3576 |
| New York | 2960 | 2950 | 3111 | 2756 | 3027 | 2909 | 2962 |
| Norfolk (Va) | 3085 | 3119 | 3280 | 2898 | 3196 | 2963 | 3131 |
| Port of Spain | 2814 | 3273 | 3901 | 2803 | 3697 | 2174 | 3596 |
| Portland, Me | 2777 | 2745 | 2906 | 2558 | 2822 | 2795 | 2757 |
| San Juan (PR) | 2839 | 3181 | 3642 | 2768 | 3492 | 2349 | 3406 |
| St John's (NF) | 2091 | 1951 | 1928 | 1846 | 1905 | 2294 | 1855 |
| St Maarten | 2691 | 3057 | 3561 | 2630 | 3392 | 2190 | 3311 |
| Wilmington (NC) | 3181 | 3262 | 3436 | 3006 | 3347 | 3015 | 3287 |

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RIVER AMAZON

| | |
|--------------|-------|
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|------------|----|
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| <i>Tianjin = Dalian plus 157M (except Qinhuangdao and Dalian)</i> | |
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Time and Speed Conversion Table

| Distance in nautical miles | 10 knots | | 11 knots | | 12 knots | | 13 knots | | 14 knots | | 15 knots | | 16 knots | |
|----------------------------------|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|
| | dys | hrs | dys | hrs | dys | hrs | dys | hrs | dys | hrs | dys | hrs | dys | hrs |
| 250 | 1 | 1 | - | 23 | - | 21 | - | 19 | - | 18 | - | 17 | - | 16 |
| 300 | 1 | 6 | 1 | 3 | 1 | 1 | - | 23 | - | 21 | - | 20 | - | 19 |
| 350 | 1 | 11 | 1 | 8 | 1 | 5 | 1 | 3 | 1 | 1 | - | 23 | - | 22 |
| 400 | 1 | 16 | 1 | 12 | 1 | 9 | 1 | 7 | 1 | 5 | 1 | 3 | 1 | 1 |
| 450 | 1 | 21 | 1 | 17 | 1 | 14 | 1 | 11 | 1 | 8 | 1 | 6 | 1 | 4 |
| 500 | 2 | 2 | 1 | 21 | 1 | 18 | 1 | 14 | 1 | 12 | 1 | 9 | 1 | 7 |
| 550 | 2 | 7 | 2 | 2 | 1 | 22 | 1 | 18 | 1 | 15 | 1 | 13 | 1 | 10 |
| 600 | 2 | 12 | 2 | 7 | 2 | 2 | 1 | 22 | 1 | 19 | 1 | 16 | 1 | 14 |
| 650 | 2 | 17 | 2 | 11 | 2 | 6 | 2 | 2 | 1 | 22 | 1 | 19 | 1 | 17 |
| 700 | 2 | 22 | 2 | 16 | 2 | 10 | 2 | 6 | 2 | 2 | 1 | 23 | 1 | 20 |
| 750 | 3 | 3 | 2 | 20 | 2 | 14 | 2 | 10 | 2 | 6 | 2 | 2 | 1 | 23 |
| 800 | 3 | 8 | 3 | 1 | 2 | 19 | 2 | 14 | 2 | 9 | 2 | 5 | 2 | 2 |
| 900 | 3 | 18 | 3 | 10 | 3 | 3 | 2 | 21 | 2 | 16 | 2 | 12 | 2 | 8 |
| 1000 | 4 | 4 | 3 | 19 | 3 | 11 | 3 | 5 | 2 | 23 | 2 | 19 | 2 | 14 |
| 1100 | 4 | 14 | 4 | 4 | 3 | 20 | 3 | 13 | 3 | 7 | 3 | 1 | 2 | 21 |
| 1200 | 5 | - | 4 | 13 | 4 | 4 | 3 | 20 | 3 | 14 | 3 | 8 | 3 | 3 |
| 1300 | 5 | 10 | 4 | 22 | 4 | 12 | 4 | 4 | 3 | 21 | 3 | 15 | 3 | 9 |
| 1400 | 5 | 20 | 5 | 7 | 4 | 21 | 4 | 12 | 4 | 4 | 3 | 21 | 3 | 16 |
| 1500 | 6 | 6 | 5 | 16 | 5 | 5 | 4 | 19 | 4 | 11 | 4 | 4 | 3 | 22 |
| 1600 | 6 | 16 | 6 | 1 | 5 | 13 | 5 | 3 | 4 | 18 | 4 | 11 | 4 | 4 |
| 1700 | 7 | 2 | 6 | 11 | 5 | 22 | 5 | 11 | 5 | 1 | 4 | 17 | 4 | 10 |
| 1800 | 7 | 12 | 6 | 20 | 6 | 6 | 5 | 18 | 5 | 9 | 5 | - | 4 | 17 |
| 1900 | 7 | 22 | 7 | 5 | 6 | 14 | 6 | 2 | 5 | 16 | 5 | 7 | 4 | 23 |
| 2000 | 8 | 8 | 7 | 14 | 6 | 23 | 6 | 10 | 5 | 23 | 5 | 13 | 5 | 5 |
| 2250 | 9 | 9 | 8 | 13 | 7 | 20 | 7 | 5 | 6 | 17 | 6 | 6 | 5 | 21 |
| 2500 | 10 | 10 | 9 | 11 | 8 | 16 | 8 | - | 7 | 11 | 6 | 23 | 6 | 12 |
| 2750 | 11 | 11 | 10 | 10 | 9 | 13 | 8 | 19 | 8 | 5 | 7 | 16 | 7 | 4 |
| 3000 | 12 | 12 | 11 | 9 | 10 | 10 | 9 | 15 | 8 | 22 | 8 | 8 | 7 | 20 |
| 3250 | 13 | 13 | 12 | 8 | 11 | 7 | 10 | 10 | 9 | 16 | 9 | 1 | 8 | 12 |
| 3500 | 14 | 14 | 13 | 6 | 12 | 4 | 11 | 5 | 10 | 10 | 9 | 17 | 9 | 3 |
| 3750 | 15 | 15 | 14 | 5 | 13 | 1 | 12 | - | 11 | 4 | 10 | 10 | 9 | 19 |
| 4000 | 16 | 16 | 15 | 4 | 13 | 21 | 12 | 20 | 11 | 22 | 11 | 3 | 10 | 10 |
| 4250 | 17 | 17 | 16 | 3 | 14 | 18 | 13 | 15 | 12 | 16 | 11 | 20 | 11 | 2 |
| 4500 | 18 | 18 | 17 | 1 | 15 | 15 | 14 | 10 | 13 | 9 | 12 | 12 | 11 | 17 |
| 4750 | 19 | 19 | 18 | - | 16 | 12 | 15 | 5 | 14 | 3 | 13 | 5 | 12 | 9 |
| 5000 | 20 | 20 | 18 | 23 | 17 | 9 | 18 | 1 | 14 | 21 | 13 | 21 | 13 | 1 |
| 5500 | 22 | 22 | 20 | 20 | 19 | 2 | 17 | 15 | 16 | 9 | 15 | 7 | 14 | 8 |
| 6000 | 25 | - | 22 | 17 | 20 | 20 | 19 | 6 | 17 | 21 | 16 | 16 | 15 | 15 |
| 6500 | 27 | 2 | 24 | 15 | 22 | 14 | 20 | 20 | 19 | 8 | 18 | 1 | 16 | 22 |
| 7000 | 29 | 4 | 26 | 12 | 24 | 7 | 22 | 10 | 20 | 20 | 19 | 11 | 18 | 5 |
| 7500 | 31 | 6 | 28 | 10 | 28 | 1 | 24 | 1 | 22 | 8 | 20 | 20 | 19 | 13 |
| 8000 | 33 | 8 | 30 | 7 | 27 | 19 | 25 | 15 | 23 | 19 | 22 | 5 | 20 | 20 |
| 8500 | 35 | 10 | 32 | 5 | 29 | 12 | 27 | 6 | 25 | 7 | 23 | 15 | 22 | 3 |
| 9000 | 37 | 12 | 34 | 2 | 31 | 6 | 28 | 20 | 26 | 19 | 25 | - | 23 | 11 |
| 9500 | 39 | 14 | 36 | - | 33 | - | 30 | 11 | 28 | 7 | 26 | 9 | 24 | 18 |
| 10000 | 41 | 16 | 37 | 21 | 34 | 17 | 32 | 1 | 29 | 18 | 27 | 18 | 26 | 1 |