

# TRANS-PACIFIC SHORTWAVE PARALLELS

compiled by Bruce Portzer

The following is a list of medium wave stations in Asia and the Pacific which have or might have shortwave transmitters operating in parallel to them. Note that this list is only a guide to shortwave outlets which may be parallel to medium wave stations. In some cases the shortwave station may parallel the medium wave station only at certain times. In other cases the medium wave and short wave channels may not be parallel at all, but are noted anyway under the assumption that it's better to list a few incorrect guesses than to omit a potentially useful bit of information. It is hoped that this list will prove useful in identifying trans-Pacific signals.

For additional information, see the notes on individual countries at the end of the list.

|      |                  |                                    |     |             |                                    |
|------|------------------|------------------------------------|-----|-------------|------------------------------------|
| 531  | 6DL<br>China     | 6140/9610<br>6665                  | 639 | 4MS<br>JOJB | 4920/9660<br>3377                  |
|      | JOQG             | 3607                               | 648 | China       | 7770                               |
| 540  | China            | 6665                               |     | 2NU         | 6090                               |
|      | 4QL              | 4920/9660                          |     | USSR        | SWBC                               |
|      | NHK              | 3607                               |     | JOIG        | 3607                               |
|      | Indonesia        | 4920/9660                          | 657 | N. Korea    | 3320/6400                          |
| 549  | Malaysia         | 7200/9515/9710                     |     | 2BY         | 6090                               |
|      | China            | 8665                               |     | Sarawak     | 4835/7145/9535                     |
|      | JOAP             | 3607                               | 666 | Noumea      | 3355/11710/7170                    |
|      | 2CR              | 6090                               |     | China       | 4045                               |
|      | USSR             | see note, 2nd pgm                  |     | Malaysia    | 7110/7200/9515/9710                |
|      | Sarawak          | 4835                               | 675 | 2CO         | 6090                               |
| 558  | 6WA              | 6140/9610                          |     | China       | 3970/6840                          |
|      | China            | see note                           |     | 3YA         | 6105/11945                         |
|      | KBS              | 3930/6015/6135                     |     | Singapore   | 6000/4635                          |
| 567  | 4JK              | 4920/9660                          | 684 | Papua N.G.  | 3925                               |
|      | JOIK             | 3607                               |     | 2KP         | 6090                               |
|      | 2YA              | 6105/11945                         |     | China       | see note                           |
|      | KBS              | 2510                               |     | N. Korea    | 3320                               |
|      | China            | 6665                               | 693 | Bangladesh  | 4880/6120/7140                     |
| 576  | 2PC              | 6090                               |     | USSR        | 4030                               |
|      | China            | 6665                               |     | China       | 3970/6840                          |
|      | JOHG             | 3607                               |     | JOAB        | 3377                               |
|      | USSR             | see note, 2nd pgm                  | 702 | NHK         | 3377                               |
|      | Malaysia         | 7200/9515/9710                     |     | 2BL         | 6090                               |
| 585  | USSR             | see note, FS                       |     | DZAS        | 3345/6030                          |
|      | JOPG             | 3607                               |     | China       | 3360                               |
|      | Indonesia        | 2370/3975/5046                     |     | China       | 4960/7480 (JJ FS)                  |
|      | China            | 6665                               |     | Malaysia    | 7110/7200/9515/9710                |
|      | Papua New Guinea | 3925/4890                          | 711 | 4QW         | 4920/9660                          |
| 594  | China            | 3360/2350                          |     | HLKA        | 2510/3930/6015/6135                |
|      | JOAK             | 3607                               | 720 | China       | 7770                               |
|      | 3WV              | 9680/6150                          |     | 4YZ         | 6105/11945                         |
|      | Malaysia         | 7200/9515/9710                     |     | 3MT         | 6150/9680                          |
| 603  | KBS              | 2510                               |     | Indonesia   | 3241/4845/4719                     |
|      |                  | 7150/9710/11965                    | 729 | Malaysia    | 4845/6025                          |
|      |                  | (1130-1200 in EE)                  |     | N. Korea    | 2850/3015/4270/6290/6600/11350     |
|      | China            | 7770                               |     | China       | 3220                               |
|      | Malaysia         | 7200/9515/9710                     |     | JOCK        | 3607                               |
| 612  | 4QR              | 4920/9660                          |     | Sarawak     | 4950/7160/9605                     |
|      | JOLK             | 3607                               | 738 | Tahiti      | 6135/9750/11825/15170              |
|      | China            | see note                           |     | 2NR         | 6090                               |
|      | Malaysia         | 7200/9515/9710                     |     | China       | 2960/3310                          |
| 621  | 3AR              | 9680                               |     | USSR        | see note, 2nd pgm                  |
|      | KBS              | 2510                               | 747 | 4QS         | 4920/9660                          |
|      | China            | 6665                               |     | KBS         | 2510/3930/5975/6135                |
|      | Sarawak          | 4950/7160/9605                     |     | China       | 7770                               |
| 630  | 4QN              | 4920/9660                          | 750 | JOIB        | 3377                               |
|      | 2YZ              | 6105/11945                         |     | Taiwan      | 3230/3335/6040/6087/7150/7250/9690 |
|      | KBS              | 2510                               |     |             |                                    |
| 756  | 2TR              | 6090                               |     |             |                                    |
|      | 4QA              | 4920/9660                          |     |             |                                    |
|      | Indonesia        | 5046                               |     |             |                                    |
|      | China            | 6665                               |     |             |                                    |
|      | JOGK             | 3607                               |     |             |                                    |
|      | 1YA              | 6105/11945                         |     |             |                                    |
|      | HLSR             | 2510/3930/5975                     |     |             |                                    |
| 765  | China            | See note                           |     |             |                                    |
|      | Malaysia         | 7110/7200/9515/9710                |     |             |                                    |
| 774  | 3LO              | 6150/9680                          |     |             |                                    |
|      | China            | 3940/4980                          |     |             |                                    |
|      | JOUB             | 3377                               |     |             |                                    |
| 783  | USSR             | 4485, 2nd pgm                      |     |             |                                    |
|      | 2YB              | 6105/11945                         |     |             |                                    |
|      | N. Korea         | 2850/3015/4270/6290                |     |             |                                    |
|      |                  | 6600/11350/3320                    |     |             |                                    |
| 792  | 4QG              | 4920/9660                          |     |             |                                    |
|      | China            | 3360                               |     |             |                                    |
| 801  | Indonesia        | 2490/3935/5046                     |     |             |                                    |
|      | N. Korea         | 3320/2850                          |     |             |                                    |
|      | China            | 6665                               |     |             |                                    |
|      | 4QY              | 4920/9660                          |     |             |                                    |
| 808  | N. Korea         | 2850/4270/6290/6600/11350          |     |             |                                    |
| 810  | 2BA              | 6090                               |     |             |                                    |
|      | China            | 2476                               |     |             |                                    |
|      | USSR             | see note                           |     |             |                                    |
|      | FEN              | 6155                               |     |             |                                    |
|      | 4YA              | 6105/11945                         |     |             |                                    |
|      | Papua N.G.       | 4890/3925                          |     |             |                                    |
| 819  | 2GL              | 6090                               |     |             |                                    |
|      | 1YZ              | 6105/11945                         |     |             |                                    |
|      | Sarawak          | 4950/7160/9605                     |     |             |                                    |
|      | N. Korea         | 2850/4270/11350                    |     |             |                                    |
| 828  | 3GI              | 9680/6150                          |     |             |                                    |
|      | 1YX/1YK          | 6105/11945                         |     |             |                                    |
|      | China            | see note                           |     |             |                                    |
|      | JOBB             | 3377                               |     |             |                                    |
| 837  | 4RK              | 4920/9660                          |     |             |                                    |
|      | China            | 3950/6665                          |     |             |                                    |
|      | JOQK             | 3607                               |     |             |                                    |
|      | USSR             | see note, 2nd pgm                  |     |             |                                    |
|      | Malaysia         | 4985/7295/9665                     |     |             |                                    |
| 846  | China            | 3360                               |     |             |                                    |
|      | Sarawak          | 3385/4895/6050                     |     |             |                                    |
| 855  | Indonesia        | 3223/4300/4719 (Mataram)           |     |             |                                    |
|      | Indonesia        | 4764 (Medan)                       |     |             |                                    |
|      | 4QB/4QO          | 4920/9660                          |     |             |                                    |
| 860  | N. Korea         | 2850                               |     |             |                                    |
| 864  | Papua N.G.       | 3925/4890                          |     |             |                                    |
|      | HLKR             | 2510                               |     |             |                                    |
|      | Indonesia        | 5046                               |     |             |                                    |
|      | China            | 4865/5920/7185                     |     |             |                                    |
| 873  | China            | See Note                           |     |             |                                    |
|      | JOGB             | 3377                               |     |             |                                    |
|      | Sarawak          | 4950/7160/9605                     |     |             |                                    |
| 875  | N. Korea         | 2850/3015/4270                     |     |             |                                    |
| 882  | KBS              | 2510                               |     |             |                                    |
|      | China            | 2340/3920                          |     |             |                                    |
|      | Malaysia         | 4985/7295/9665                     |     |             |                                    |
|      | JOJK             | 3607                               |     |             |                                    |
| 891  | Thailand         | 4830/6070/7115/9655/11905          |     |             |                                    |
|      |                  | 2510/3930                          |     |             |                                    |
|      | HLKB             | 3607                               |     |             |                                    |
|      | JOHK             | 3607                               |     |             |                                    |
| 900  | Papua N.G.       | 3825/4890                          |     |             |                                    |
| 909  | China            | 5860                               |     |             |                                    |
|      | Sarawak          | 4835/7145/9535                     |     |             |                                    |
| 918  | KBS              | 2510                               |     |             |                                    |
|      | 3YZ              | 6105/11945                         |     |             |                                    |
|      | China            | See Note                           |     |             |                                    |
| 927  | Indonesia        | 4764/5885                          |     |             |                                    |
|      | China            | 3260/7275                          |     |             |                                    |
|      | Thailand         | 4830/6070/7115                     |     |             |                                    |
|      | N. Korea         | 11350                              |     |             |                                    |
| 936  | KBS              | 2510                               |     |             |                                    |
|      | China            | 3220                               |     |             |                                    |
| 945  | Solomon Isl.     | 5020/9545                          |     |             |                                    |
|      | KBS              | 2510/3930/5975/6135                |     |             |                                    |
|      | China            | See Note                           |     |             |                                    |
|      | Malaysia         | 7110/7200/9515(Ipoh)               |     |             |                                    |
|      |                  | 4965/9665(Johore Bharu)            |     |             |                                    |
|      | NHK              | 3607                               |     |             |                                    |
| 954  | China            | 3400/3360                          |     |             |                                    |
|      | Burma            | 5985                               |     |             |                                    |
|      | Indonesia        | 4000/4719                          |     |             |                                    |
|      | Sarawak          | 5030/7130                          |     |             |                                    |
| 963  | China            | 4832                               |     |             |                                    |
|      | KBS              | 2510                               |     |             |                                    |
|      | Indonesia        | 3323/5046                          |     |             |                                    |
|      | Malaysia         | 4985/7195/9665                     |     |             |                                    |
| 972  | Indonesia        | 4932/5046                          |     |             |                                    |
|      | USSR             | 3960/11840                         |     |             |                                    |
|      | HLSA             | 3930/6015/6135                     |     |             |                                    |
|      | China            | See Note                           |     |             |                                    |
| 981  | China            | 3220/4940/6665                     |     |             |                                    |
|      | Thailand         | 9830/6070/7115                     |     |             |                                    |
|      | 1YE              | 6105/11945                         |     |             |                                    |
| 999  | 2NB              | 6090                               |     |             |                                    |
|      | Indonesia        | 4805/6045/7070/11770/15200         |     |             |                                    |
|      | N. Korea         | 11350/2850                         |     |             |                                    |
| 1008 | USSR             | See Note                           |     |             |                                    |
|      | China            | 3200/3360/4380                     |     |             |                                    |
|      | Indonesia        | 5046                               |     |             |                                    |
|      | Malaysia         | 7110/7200/9515/9710                |     |             |                                    |
| 1017 | China            | 6665                               |     |             |                                    |
|      | JOLB             | 3377                               |     |             |                                    |
| 1026 | Laos             | 7070/7145                          |     |             |                                    |
|      | Solomon Isl.     | 5020/9545                          |     |             |                                    |
|      | KBS              | 2510                               |     |             |                                    |
|      | China            | 3260/7275                          |     |             |                                    |
|      | Thailand         | 4830/6070/7115                     |     |             |                                    |
| 1035 | NHK              | 3377                               |     |             |                                    |
|      | HLCF             | 2510                               |     |             |                                    |
|      | China            | 4800/6665/6750                     |     |             |                                    |
|      | Malaysia         | 4845/6025                          |     |             |                                    |
| 1044 | China            | 4960/7480                          |     |             |                                    |
|      | Indonesia        | 2719                               |     |             |                                    |
|      | ZUH              | 6090                               |     |             |                                    |
| 1053 | Indonesia        | 3325/6070/4719                     |     |             |                                    |
|      | China            | 6665                               |     |             |                                    |
|      | Malaysia         | 7110/7200/9515/9710                |     |             |                                    |
| 1062 | HLKQ             | 2510                               |     |             |                                    |
|      | China            | 3220                               |     |             |                                    |
|      | Sarawak          | 3385/4895/5005/6050/6060/7270      |     |             |                                    |
| 1071 | India            | 7260(1200-1300)                    |     |             |                                    |
|      |                  | 3905(1430-1545)                    |     |             |                                    |
| 1089 | China            | 3360                               |     |             |                                    |
|      | Malaysia         | 7110/7200/9515/9710                |     |             |                                    |
| 1098 | Indonesia        | 3375/4927 (Jambi)                  |     |             |                                    |
|      |                  | 3355/5046 (Sumanep)                |     |             |                                    |
|      |                  | 3230/3335/6040/6087/7150/7330/9640 |     |             |                                    |
| 1100 | Taiwan           | 5046                               |     |             |                                    |
| 1107 | Indonesia        | See Note                           |     |             |                                    |
|      | China            | 3360/7770                          |     |             |                                    |
| 1116 | China            | 6105/11945                         |     |             |                                    |
|      | 2YK              | 5860                               |     |             |                                    |
| 1125 | Thailand         | 4830/6070/7115                     |     |             |                                    |
| 1134 | India            | 11745/15250                        |     |             |                                    |
|      |                  | (1215-1315 in CC)                  |     |             |                                    |
|      | KBS              | 2510/3930/5975/6135                |     |             |                                    |

|       |            |                                   |      |             |   |
|-------|------------|-----------------------------------|------|-------------|---|
| 1143  | VOA        | 9630/11930/15250                  | 1512 | 2NA         | 6090  |
|       | KBS        | 2510/3930/6015/6135               |      | China       | 3360/5125                                       |
|       | 1YW        | 6105/11945                        |      | 1521        | China   |
| 1152  | HLCW       | 2510/3930/6135                    |      | 1539        | KBS   |
|       | China      | 4990                              |      | 1548        | 4QD   |
|       | USSR       | See Note                          |      |             | China   |
| 1161  | China      | See Note                          |      | 1575        | China   |
| 1170  | KBS        | 2510/3930/5975/6135               |      | VOA         | 9630/11930/15250                                |
| 1178  | China      | 3220                              |      | USSR        | See Note, 2nd pgm                               |
| 1179  | China      | 3940/4980                         |      | R. Thailand | 9655/11905                                      |
| 1188  | JOKP       | 3607                              |      | 1591        | China   |
|       | China      | 3970/6840                         |      | 1593        | Papua N.G.                                      |
| 1197  | China      | 6665                              |      | 1602        | China   |
| 1200  | Taiwan     | 3230/3335/6040/<br>6087/7150/9690 |      |             | 6665  |
| 1206  | China      | 6340/8260                         |      |             | *****   |
| 1215  | KBS        | 2510/3930/6135                    |      |             | NOTES   |
|       | Indonesia  | 3295/3250/6134                    |      |             | <u>Australia</u> . The ABC has 3 networks in    |
|       | China      | See Note                          |      |             | most states, with feeds originating in          |
| 1224  | China      | 3360                              |      |             | the state capital. Networks in differ-          |
|       | Malaysia   | 4845/6025                         |      |             | ent states may or may not be parallel,          |
| 1233  | Indonesia  | 3345/3250                         |      |             | and sometimes 2 networks in the same            |
|       | KBS        | 2510/2920/6135                    |      |             | state do operate in parallel. There-            |
|       | China      | 3220                              |      |             | fore, it may be worthwhile to check any         |
|       | China      | 4990 (Changsha)                   |      |             | of the following frequencies: 4920,6140,        |
| 1242  | China      | 6937                              |      |             | 6090,6150,9610,9680,9660.                       |
| 1251  | Papua N.G. | 3925                              |      |             | <u>China</u> . All Beijing I outlets are noted  |
|       | China      | 3220                              |      |             | as 6665, which from my experience is the        |
|       | USSR       | SWBC (see note)                   |      |             | most reliable; other freqs include 3450,        |
|       | Indonesia  | 4764/4955                         |      |             | 4460,4800,5320,5880,6335,6750,7504,7935,        |
| 1260  | China      | 3220                              |      |             | 9064,9080,11290,11330,&15590. Beijing           |
|       | Malaysia   | 4845/6025                         |      |             | II is noted as 7770, but 4250,4850, &           |
|       | KBS        | 2510                              |      |             | 12200 are other possibilities. Fujian           |
| 1269  | KBS        | 2510/3930/6135                    |      |             | Front I outlets include 5240,5265,&7850;        |
|       | China      | See Note                          |      |             | PFS II includes 4380&8195,etal. In ad-          |
| 1278  | China      | See Note                          |      |             | dition, there are various provincial,           |
| 1287  | KBS        | 2510/3930/6135                    |      |             | regional & local services. Where no             |
|       | China      | 6665                              |      |             | freq is listed, it's not known what //s         |
|       | Indonesia  | 2435/4764/4855                    |      |             | may exist; try the above freqs & those          |
| 1305  | KBS        | 2510/3930/6135                    |      |             | in the WRTH.                                    |
| 1314  | China      | See Note                          |      |             | <u>Korea(North)</u> . R. Pyongyang home service |
| 1323  | KBS        | 2510/3930/6135                    |      |             | includes 3015,3320,6250,6400. KCBC out-         |
|       | Indonesia  | 5046                              |      |             | lets include 2850,6290,6600,11350. Some         |
|       | China      | See Note                          |      |             | local outlets also exist, which may //          |
| 1332  | China      | 6665                              |      |             | these stations, consult WRTH for details.       |
| 1341  | China      | 6520                              |      |             | <u>Korea (South)</u> . KBS Home Service freqs   |
| 1359  | China      | 6665                              |      |             | include 2510/3930/5975/6135. WRTH says          |
| 1368  | Singapore  | 7170                              |      |             | these freqs //711. As there are 4 KBS           |
|       | China      | 2475/6000/6620                    |      |             | networks, Korean ECB stations may or may        |
|       | USSR       | See Note                          |      |             | not //the SW stations at a given time.          |
| 1377  | China      | 3200                              |      |             | <u>USSR</u> . Many SW outlets carry the 1st pgm |
|       | USSR       | See Note, 2nd pgm                 |      |             | w/4485 & 5015 the most reliable; others         |
| 1386  | China      | See Note                          |      |             | are listed in WRTH. 4485 & 5015 also            |
|       | NHK        | 3377                              |      |             | carry the second pgm at times; see WRTH         |
| 1395  | China      | 3220                              |      |             | for other 2nd pgm freqs. "SWBC" means           |
|       | KBS        | 2510                              |      |             | the pgm is carried on many FS freqs.            |
| 1404  | China      | See Note                          |      |             | Exact freqs are not known, your best            |
| 1413  | China      | See Note                          |      |             | hope is to scan the 49, 41, 25, & 31            |
| 1422  | China      | See Note                          |      |             | meter bands.                                    |
| 1431  | China      | 3360                              |      |             | <u>In General</u> . In many cases, the stations |
|       | 2WN        | 6090                              |      |             | listed here are not // 100% of the time.        |
| 1435a | China      | 2340                              |      |             | In other cases they're listed only be-          |
| 1440  | KBS        | 2510/3930/6135                    |      |             | cause they're in the same city, etc and         |
|       | China      | See Note                          |      |             | <u>might</u> be // at times. There are un-      |
| 1449  | KBS        | 2510/3930/6135                    |      |             | doubtedly many errors and omissions in          |
| 1458  | DZOR       | 11920/9715                        |      |             | this list but it is hoped it will be of         |
|       | 3YW        | 6105/11945                        |      |             | some value to the Trans-Pacific DXer in         |
|       | China      | See Note                          |      |             | IDing elusive signals.                          |
| 1467  | KBS        | 2510/3930/6135                    |      |             | Sources: Mike Hardester, Pete Taylor,           |
| 1476  | USSR       | SWBC (See Note)                   |      |             | Phil Bytheway, Nick Hall-Patch, Bill            |
| 1485  | KBS        | 2510/3930/6135                    |      |             | Harms, SPEEDX, NASWA, various DXMs &            |
| 1503  | JOUK       | 3607                              |      |             | foreign logs, <u>World Radio-TV Handbook</u> .  |
|       | KBS        | 2510/3930/6135                    |      |             |   |
|       | China      | See Note                          |      |             |   |