

# TRANSPACIFIC SHORTWAVE PARALLELS

by Nick Hall-Patch and Paul Routenburg

Signals heard from the other side of the Pacific Ocean can be a problem to identify. They are often weak and suffer from domestic QRM, are in a language unknown to the listener, and may well be heard for only a quarter of an hour or so around sunrise.

Fortunately, many of the signals heard in North America are from a station which is part of a government network whose stations are often in parallel. At least one, and sometimes more of these stations broadcast on shortwave, particularly in the tropical bands, and may well be easier to hear on shortwave than on medium wave. The unidentified MW DX can be checked against one or more of these SW parallels. If the programming is exactly the same, and no other two stations on these two frequencies are likely to be in parallel, then you have the best ID you may likely ever get from many of these stations.

The following list of parallels is based on Bruce Portzer's list of TP parallels in Volume 8 of the IRCA Foreign Log, but all of the SW parallels listed here have been definitely heard in Western Canada at any rate. Many of the MW stations have yet to be heard here however!

Network abbreviations are generally used to identify a station on the list rather than station call letters: NHK1 and NHK2 from Japan, FEN - Far East Network also from Japan, KBS1 and KBS2, as well as KBS-SE Social Education from South Korea, CPBS1 and CPBS2 from China, USSR1, USSR2 (Mayak) and USSR-FE (Foreign Service) from, you guessed it, USSR. Australian call letters are used however. Otherwise, the country name is used to indicate the station from that country on the channel. Chinese stations listed are generally only from those provinces reasonably close to the ocean, as otherwise this exercise would really have gotten out of hand. Abbreviations of Chinese province names are as used in the World Radio TV Handbook, and appear after this list.

As many of the parallel listings are repetitive or lengthy, footnote indicators are often used in place of the SW parallel frequency: (1), (2) etc. See the end of the list for footnote info. Remember that seeing a listing here does not guarantee that the stations are always or ever in parallel with each other. Some are educated guesses, while other stations can carry local programming which will be separate from the network feed, at least at some time periods.

531	6DL	6140 9610	585	CPBS1	(1)
	China-ZJ	2475; 4785 (to 1030 UT)		China-ZJ	2475; 4785 (to 1030)
	CPBS1	(1)		RRI	3976 (9)
	CPBS2	(2)		NHK1	(3)
	NHK1	(3)		Papua New Guinea	4890
540	4QL	(8)		USSR-FS	4825? (10)
	CPBS1	(1)	594	3WV	(8)
	NHK1	(3)		China-FJT2	4850 (from 1500 UT); 6790
	KBS1	(4)		CPBS1	(1)
549	2CR	(8)		NHK1	(3)
	China-FJT1	3815 4770		KBS1	(4)
	CPBS1	(1)		Malaysia	5965; try 9515
	NHK1	(3)		USSR2	(7)
	Sarawak	4835	603	7ZL	9680
	USSR2	(7)		CPBS2	(2)
558	6WA	6140 9610		NHK1	(3)
	China-FJ	2340 4975		KBS2	(5)
	KBS2	(5)	612	4QR	(8)
	USSR2	(7)		China-FJ	2340 4975
567	4JK	(8)		-LN	4830
	CPBS1	(1)		NHK1	(3)
	NHK1	(3)	621	3AR	9680
	KBS1	(4)		China-HL	4840 5950 6150
	USSR1	(6)		NHK1	(3)
576	2FC	9680		KBS1	(4)
	China-ZJ	2475; 4785 (to 1030)		Malaysia	5965; try 9515
	NHK1	(3)		Sarawak	4950
	Malaysia	5965; try 9515		USSR1	(6)
	Sarawak	4835			
	USSR2	(7)			

630	4QN	(8)	765	China-NM	4525
	CPBS2	(2)		-FJT1	3815 4770
	RRI	4719; (9)		N. Korea	(11)
	KBS1	(3)	774	3LO	(8)
	Singapore	5052; maybe 11940		China-HB	3940
	USSR-FS	5940 5960; (10)		NHK2	3377.5 until 1300
639	4MS	(8)	783	8AL	2310; 9580 from 1430
	China-GX	5010		China-FJ	2340 4975
	CPBS-1	(1)		KES1	(4)
	KBS2	(5)		N. Korea	3015; from 1500; 3320 6400 6250
648	2NH	(8)		USSR1	(6)
	FEN	3910 6155	792	4QG	9680
	NHK1	(3)		China-GX	4915
	USSR-FS	4825; (10)		-FJT1	3815 4770
	Sarawak	4835		NHK1	(3)
657	2BY	(8)		KBS-R. Seoul	6015 from 16-1800 UT
	8DR	2310 ? 9580 after 1430		Nepal	5005
	KBS1	(4)		Singapore	6000 (1300-1415 UT) 5052 (1415-1605 UT)
	N. Korea	(12)		USSR2	(7)
666	China-FJH1	3535 3640 4045	801	4QY	(8)
	NHK1	(3)		CPBS1	(1)
	USSR2	(7)		N. Korea	(12)
675	2CO	(8)		USSR-FS	(10)
	China-NM	3970 4525	810	2BA	(8)
	NHK1	(3)		China-ZJ	2475; 4785 (to 1030)
	KBS1/2	(4, 5)		FEN	3910 6155
	Papua New Guinea	4890		N. Korea	(11)
	Singapore	6000; maybe 9635		USSR1	(6) until 1400
684	2KP	(8)		USSR-FS	(10) from 1500
	CPBS2	(2)	819	2GL	(8)
	China-FJT2	4850 6790		China-FJH2	2600 2800 4380
	NHK1	(3)		NHK1	(3)
	N. Korea	(12)		N. Korea	(12)
693	China-ZJ	2475; 4785 to 1030 UT		Sarawak	4950
	-FJT1	3815 4770	828	3GI	(8)
	NHK2	3377.5 until 1300		NHK2	3377.5 until 1300
	USSR1	(6) until 1200	837	4RK	(8)
	USSR2	(7) from 1200		China-FJ	2340 4974
702	2BL	(8)		CPBS1	(1)
	NHK2	3377.5 until 1300		NHK1	(3)
711	4QW	(8)		USSR2	(7)
	KBS-1	(4)	846	2CY	9680
	USSR2	(7)		China-ZJ	2475; 4785 (to 1030)
	(& local) try 4610			-FJH1	3535 3640 4045
720	4AT, 3MT	(8)		CPBS2	(2)
	+WF	try 6140 9610 ??		NHK1	(3)
	CPBS2	(2)		KBS1	(4)
	N. Korea	(11)	855	4QE 4QO	(8)
	Malaysia	4845 6025		CPBS2	(2)
	USSR-FS	5940 5960 until 1500; (10)		RRI	4764; (9)
729	5CL	9680		N. Korea	(12)
	NHK1	(3)	864	CPBS1	(1)
	N. Korea	(12)		KBS1	(4)
738	China-HN	4990		Papua New Guinea	4890
	N. Korea	try 3015	873	China-HL	4925
	Fr.	6135 9750 11825 15170		CPBS1	(1)
	Polynesia	(all varying?)		NHK2	3377.5 until 1300
	USSR1	(6)		Sarawak	4950
747	4QS	(8)		N. Korea	(11)
	CPBS2	(2)	882	China-FJ	2340 4975
	NHK2	3377.5 until 1300		NHK1	(3)
	KBS1	(3)		KBS1	(4)
756	2TR, 4QA	(8)		Malaysia	7295
	CPBS1	(1)		Mongolia	4995
	NHK1	(3)			
	KBS1	(4)			

891 CPBS2 (2)  
NHK1 (3)  
KBS1 (4)  
Thailand [4830 6070] now off air?  
USSR1 (6)

900 CPBS1 (1)

909 NHK2 3377.5 until 1300  
KBS1 (4)  
Sarawak 4835  
USSR2 (7)

918 China-FJ 2340 4975  
KBS1 (4)  
USSR2 (7)

927 China-FJT2 4850 (from 1500 UT)  
6790  
RRI 5881; (9)  
NHK1 (3)  
KBS1 (4)  
N. Korea (11)

936 China-NM 3970 4525  
-ZJ 2475; 4785 (to 1030 UT)  
KBS2 (5)

945 China-FJ 2340 4975  
CPBS1 (1)  
NHK1 (3)  
KBS1 (4)  
Malaysia 7295  
Solomon Is. 5020

954 Burma 5985  
China-FJH2 2600 2800 4380

963 China-LN 4830  
-AJ 2475; 4785 to 1030 UT  
NHK1 (3)  
KBS1 (4)  
USSR2 (7)

972 China-FJT2 4850 from 1500 UT;  
6790  
RRI 4932; (9)  
KBS (SE) 6015  
USSR1 (until 1400) (6)  
USSR2 (from 1400) (7)

981 CPBS1 (1)

990 NHK1 (3)

999 ZNB (8)  
CPBS1 (1)  
RRI 7270  
NHK1 (3)  
N. Korea (11)  
USSR2 from 1300 UT; (7)

1008 China-FJH2 2600 2800 4380  
KBS2 (5)  
USSR1 (6)

1017 CPBS1 (1)  
China-JL 4620 5975  
NHK2 3377.5 until 1300  
Malaysia 4845 6025

1026 NHK1 (3)  
KBS1 (4)

1035 CPBS1 (1)  
NHK2 3377.5 until 1300  
KBS1 (4)  
Solomon Is. 5020

1044 2UH 4WP (8)  
CPBS2 (2)  
China-ZJ 3960 4960 7480  
KBS1 (4)  
Sarawak 4835

1053 CPBS1 (1)  
N. Korea 4557  
Malaysia 5965

1062 4TI (8)  
KBS1 (4)  
Sarawak 4895

1071 China-FJ 2340 4975  
NHK1 (3)

1080 China-ZJ 2475; 4785 to 1030 UT  
NHK2 3377.5 until 1300  
N. Korea (11)  
USSR-FS (10)

1089 China-FJT2 6790; 4850 from 1500  
CPBS2 (2)  
NHK2 3377.5 until 1300  
KBS1 (4)

1098 China-NM 6974  
CPBS2 (2)  
KBS1 (4)

1107 China-NM 4525 3970  
CPBS1 (1)  
CPBS2 (2)

1116 China-HL 4840 5950 6150  
-FJT1 3815 4770  
CPBS2 (2)  
USSR2 (7)

1125 China-ZJ 2475; 4785 to 1030 UT  
NHK2 3377.5 until 1300

1134 China-ZJ 2475; 4785 to 1030 UT  
RRI 3250; (9)  
KBS1 (4)

1143 China-ZJ 2475; 4785 to 1030 UT  
VOA- 9620 (1230-1330)  
Philippines 6120 9620  
(1500-1600)  
USSR2 (7)

1152 China-HN 4990  
NHK2 3377.5 until 1300  
KBS1 (4)  
USSR 4610

1161 China-GX 5010  
CPBS1 (1)  
CPBS2 (2)  
NHK1 (3)  
Sarawak 4950

1170 RRI 3935; (9)  
KBS(SE2) 6135  
USSR-FS (10)

1179 China-NM 6974

1188 China-NM 4525 3970  
NHK1 (3)

1197 China-ZJ 2475; 4785 to 1030 UT  
CPBS1 (1)  
CPBS2 (2)  
Sarawak 4895 5005

1215 CPBS1 (1)

1224 China-GX 4915  
-FJT2 6790; 4850 from 1500  
NHK1 (3)  
KBS2 (5)  
Malaysia 4845 6025  
USSR2 (7)

1233 China-HN 4990  
RRI 3345; (9)  
KBS1 (4)

F82-2-2

1242 China-LN 4830

1251 CPBS2 (2)  
USSR-FS (10)

1260 CPBS1 (1)  
KBS1 (4)

1269 China-FJH1 3535 3640 4045  
KBS1 (4)

1278 KES1 (4)  
USSR2 (7)

1287 CPBS1 (1)  
RRI 4856; (9)  
USSR2 (7)

1296 NHK1 (3)

1305 CPBS2 (2)  
KBS1 (4)

1314 CPBS1 (1)

1323 NHK1 (3)  
KES1 (4)

1332 China-GX 4915

1341 NHK1 (3)

1350 CPBS1 (1)

1359 CPBS1 (1)  
NHK2 3377.5 until 1300  
USSR2 (7)

1368 China-FJ 2340 4975  
NHK1 (3)  
KBS1 (4)

1377 China-FJH2 2600 2800 4380  
NHK2 3377.5 until 1300 UT  
USSR2 (7)

1386 China-FJ 2340 4975  
NHK2 3377.5 until 1300 UT  
Solomon Is. 5020

1395 China-FJ 2340 4975  
KBS1 (4)

1404 China-FJ 2340 4975  
-HF 3940  
-ZJ 2475; 4785 until 1030  
CPBS1 (1)

1422 China-FJ 2340 4975

1431 ZWN (8)  
China-FJ 6790; 4850 from 1500 UT  
-ZJ 2475; 4785 until 1030

1440 China-GX 4915  
CPBS2 (2)

1449 KBS1 (4)

1458 China-NM 6974  
KBS1 (4)  
USSR2 (7)

1467 NHK2 3377.5 until 1300  
KBS1 (4)

1476 China-FJT1 3815 4770  
-ZJ 2475; 4785 until 1030  
CPBS2 (2)  
NHK-2 3377.5 until 1300  
USSR-FS 4825; (10)

1485 China-ZJ 2475; 4785 until 1030  
KBS1 (4)  
USSR2 (7)

1494 China-FJ 2340 4975  
Papua New Guinea 2410

1503 China-NM 3970 4525  
-ZJ 2475; 4785 until 1030  
NHK1 (3)  
KBS1 (4)

1512 China-NM 3970 4525  
-FJT1 3815 4770  
NHK2 3377.5 until 1300

1521 China-XJ 7820 (1500 to 1555)  
7035 7470 (1600-1655)  
3377.5 until 1300

1530 China-NM 3970 4525

1539 China-FJH2 2600 2800 4380

1548 4QD (8)

1566 USSR1 (6)

1575 VOA-- (from 1130-1230 UT);  
Thailand 9620 11910 15155  
(1400-1500 UT); 7255  
USSR2 (?)  
FEN 3910 6155

1584 NHK1 (3)  
KBS1 (4)

1593 NHK2 3377.5 until 1300  
Papua New Guinea 3205  
USSR2 (7)

1602 NHK2 3377.5 until 1300  
KBS1 (4)

Footnotes:

- (1) CPBS1--4460 5320 6665 7335 7504 7516 also 5860 5880
- (2) CPBS2--3220 3290 4250 5075 7095 7770
- (3) NHK1---until 1300 UT; 3607.5 (upper sideband)  
until 1500 s/off; 3970 6005 (USB) 6130  
\*in many cases, a MW NHK1 parallel would be more likely to deliver  
a reasonable signal e.g. 594 666  
\*for NHK2, 747 774 or 828 are best bets
- (4) KBS1---3930; after 1600 UT, try 6015 also
- (5) KBS2---after 1600 UT; 3930 6015  
\*regional stations may have their own programs in various time  
slots which would be separate from either KBS1 or KBS2.
- (6) USSR1--5015 (some local programs before 1315 UT)
- (7) USSR2--3995 (from Oct-Mar); 4040 4485 (from 1400 UT); 5970
- (8) ABC1 or ABC3; 4920 and/or 6150 and/or 9660; try 9680, though this is  
usually ABC2

