

RADIO LOG

The following are the stations, local and distant, that I have received on my 5 valve broadcast "Golden Knight" radio. The radio is of the vibrator type and of course is run by a 6 volt accumulator. It is a 1941 Australian built model.

The aerial used, is approximately 50 feet long, and 23 feet high. The earth, a piece of galvanised pipe driven 2 feet into the ground. The aerial lead-in goes through a wave trap to give sharper tuning.

This wave trap makes a remarkable difference to distant stations. So great is the improvement that without it half the stations recorded in this book could not be heard.

I have no doubt that if I doubled the length of my aerial and raised the height to about 60 feet there would be a marked improvement.

This, however, is impossible until the necessary materials are made available.

I do not spend much time at the dials, and, once I have made certain of a station I do not pick it up again for months. Some I have not heard since I "logged" them 6 months ago.

The following are a complete list of stations received during the year ending 31st December 1945.

Local Stations

Call	Location.	Kilocycles.	Power in Watts
1YA	Auckland N.Z.	650.	10,000.
1ZB	Auckland N.Z.	1070.	1,000.
1ZM	Auckland N.Z.	1250.	750.
1YX	Auckland N.Z.	880.	150.
2YA	Wellington N.Z.	570.	60,000.
2ZB	Wellington N.Z.	1130.	1,000.
2YC	Wellington N.Z.	840.	5,000.
2YD	Wellington N.Z.	990.	250.
2YH	Napier N.Z.	750.	5,000.
2ZA	Palmerston North N.Z.	1400.	1,000.
2ZJ	Gisborne N.Z.	980.	100.
3YA	Christchurch N.Z.	720.	10,000.
3YL	Christchurch N.Z.	1200.	500.
3ZB	Christchurch N.Z.	1430.	1,000.
3ZR	Greymouth N.Z.	940.	100.
4YA	Dunedin N.Z.	790.	10,000.
4ZB	Dunedin N.Z.	1310.	1,000.
4Y7	Invercargill N.Z.	680.	5,000.

It is just one year now, since 1ZM (1250 Kcs) was handed back to the N.B.S. after being in service for the A.E.S. network controlled by the United States Army.

1ZB (1070 Kcs) this year (1945) has conducted, under the sponsorship of Mr. Horace Bull, a programme to bring forward local talent, entitled "Spotlight on Amateurs".

Australian Stations

Call	Location	Kilocycles	Power in Watts
2CR	Cumnock N.S.W.	550	10,000.
6WA	Minding W.A.	560	10,000
7ZL	Hobart Tas.	600	2,000
2FC	Sydney N.S.W.	610	10,000.
3AR	Melborne Vic.	620	10,000.
4QN	Townsville Q.	630	7,000.
2NR	Lawrence N.S.W.	700	7,500.
2BL	Sydney N.S.W.	740	10,000.
3LO	Melbourne Vic.	770	10,000.
6WN	Perth W.A.	790	500.
4OG	Brisbane Q.	800	2,500.
5RM	Murray Heights S.A.	810	2,000.
2NA	Newcastle N.S.W.	820	10,000.
2CY	Canberra F.I.	850	10,000.
2GB	Sydney N.S.W.	870	1,000.
2LM	Lismore N.S.W.	900	500.
2JV	Suva Fiji	920	400.
2XL	Cooma N.S.W.	920	200.
3UZ	Melbourne Vic.	930	600.
4QR	Brisbane Q.	940	500.
2VE	Sydney N.S.W.	950	2,000.
WVUS	Noumea New Caledonia.	975	1,000.
2KY	Sydney N.S.W.	1020	1,000.
2CA	Canberra F.I.	1050.	2,000
6WB	Katanning W.A.	1070	2,000
7HT	Hobart Tas.	1080	500.

2UW	Sydney N.S.W.	1100	750.
2HD	Newcastle N.S.W.	1140	500.
2WG	Wagga N.S.W.	1150	2,000.
2NZ	Inverell N.S.W.	1170	2,000.
3KZ	Melbourne Vic.	1180	600.
5KA	Adelaide S.A.	1200	500.
2GF	Grafton N.S.W.	1210	200.
4AK	Cahey Q.	1220	2,000.
3BR	Shepparton Vic.	1260	2,000.
2SM	Sydney N.S.W.	1270	1,000.
2TM	Tamworth N.S.W.	1300.	2,000.
2LF	Young N.S.W.	1340.	300.
4BH	Brisbane Q.	1380	1,000.
2KO	Newcastle N.S.W.	1410	500.
2WL	Wollongong N.S.W.	1430	500.
2CK	Cessnock N.S.W.	1460	300.
3CV	Bendigo Vic.	1470	500.
2BS	Bathurst N.S.W.	1500	100.

During the strike in N.S.W. throughout December 1945 N.S.W. Stations were subjected to severe reductions in broadcasting time, 1 hour per day being permitted. WVUS (975 Kcs.) is a member of the A.E.S. network, broadcasting programmes for U.S. service-men in the Pacific. The Sydney station 2UW (1100 Kcs.) broadcasts all night. 2BB (870 Kcs.) is the key station of the Macquarie Network, which operates stations throughout Australia.

American Stations

Call	Location	Kilocycles	Power in Watts
KGMB	Honolulu, Hawaii.	590	5,000.
KFRC	San Francisco, California.	610	5,000.
KIRO	Seattle, Washington.	710	50,000.
KGO	San Francisco, California	810	7,500.
KOA	Denver, Colorado.	850	50,000.
WABC	New York, New York.	880	50,000.
WENR	Chicago, Illinois.	890	50,000.
KHJ	Los Angeles, California.	930	5,000.
KOIN	Portland, Oregon.	970	5,000.
KRHO	Honolulu, Hawaii.	1,000	—
KRLD	Dallas, Texas.	1,080	50,000.
XERB	Tijuana, Mexico.	1,090	50,000.
KPAS	Pasadena, California.	1,110	10,000.
KVOO	Tulsa, Oklahoma.	1,170	50,000.
WOAI	San Antonio, Texas.	1,200	50,000.
KDYL	Salt Lake City, Utah.	1,320	5,000.
KMO	Tacoma, Washington.	1,360	5,000.
KGER	Long Beach, California.	1,390	5,000.
KSO	Des Moines, Iowa.	1,460	5,000.
KSTP	St. Paul, Minnesota.	1,500	50,000.
WLAE	Nashville, Tennessee.	1,510	50,000.
KFBK	Sacramento, California.	1,530	10,000.

KRHO (1000 KCS) is an American station directing prop-
 aganda broadcasts in Oriental languages to Japan.
 KGMB (590 KCS) is often heard at night, and as Hawaiian time
 is nearly 20 hours behind us it is somewhat amusing
 to hear, on Saturday, a programme broadcast on Friday.