

# ROUND THE WORLD BY RADIO

## NEWS BULLETINS IN ENGLISH

**T**HIS list of overseas stations broadcasting news in English is checked by the N.Z. DX Radio Association. The times are New Zealand Summer Time. Listeners are warned that last minute changes, continually taking place, may affect the accuracy of the list.

A.M.	Location	Call	Metres	Mc.
0.15	Turkey	TAQ	19.74	15.19
0.30	Delhi	VUD3	31.28	9.59
0.30	Szechwan	XGOY	25.21	11.90
0.30	Japan	JZK	19.79	15.16
		JZJ	25.42	11.80
0.30	San Francisco	KGEI	31.02	9.67
0.30	Canton	XGOK	25.77	11.64
1.00	Cincinnati	WLWO	19.65	15.27
1.00	Pittsburgh	WPIT	19.72	15.21
1.45	Perth	VLW2	31.38	9.56
1.45	Manila	KZRH	31.12	9.64
1.50	Melbourne	VLR	31.32	9.58
2. 0	Shanghai	FFZ	24.86	12.07
2.00	New York	WCBX	16.82	17.83
2.30	San Francisco	KGEI	31.02	9.67
2.30	Rangoon	XYZ	49.94	6.01
2.45	Manila	KZRM	31.35	9.57
3.35	Manchukuo	MTCY	25.48	11.77
3.45	Madras	VUM2	87.50	3.43
3.50	Delhi	VUD3	31.28	9.59
4. 0	Shanghai	FFZ	24.86	12.07
7.15	Turkey	TAP	31.70	9.46
8. 0	Moscow	RW96	31.51	9.52
8. 0	Manchukuo	MTCY	25.48	11.77
8. 0	Japan	JZJ	25.42	11.80
		JZK	19.79	15.16
8.30	Sydney	VLQ7	25.25	11.88
9. 0	Manchukuo	MTCY	25.48	11.77
9.25	Yugoslavia	YUD	49.18	6.10
9.30	Moscow	RW96	31.51	9.52
10. 0	Sydney	VLQ7	25.25	11.88
10.30	Szechwan	XGOY	25.21	11.90
10.30	Moscow	RW96	31.51	9.52
P.M.	Location	Call	Metres	Mc.
2.30	Moscow	RW96	31.51	9.52
2.30	Moscow	RNE	25. 0	12. 0
3. 0	Pittsburgh	WPIT	25.27	11.87
3. 0	New York	WRCA	31.02	9.67
3. 0	Philadelphia	WCAB	31.28	9.59
4.30	Boston	WBOS	31.35	9.57
4.45	Winnipeg	CJRX	25.60	11.72
5. 0	Pittsburgh	WPIT	25.27	11.87
5. 0	Philadelphia	WCAB	49.50	6.06
5. 0	New York	WCBX	49.02	6.12

P.M.	Location	Call	Metres	Mc.
5.55	New York	WCBX	49.02	6.12
5.55	Philadelphia	WCAB	49.50	6.06
5.55	Boston	WBOS	31.35	9.57
6. 0	San Francisco	KGEI	31.02	9.67
6. 0	Sydney	VLQ7	25.25	11.88
7. 0	Manchukuo	MTCY	25.48	11.77
7.30	Tokio	JZK	19.79	15.16
9. 0	Moscow	RW96	19.76	15.18
9. 0	Melbourne	VLR	31.32	9.58
9. 0	Perth	VLW3	25.36	11.83
9.55	Tokio	JVW3	25.60	11.72
10.30	Japan	JZJ	25.42	11.80
10.30	Szechwan	XGOY	25.21	11.90
10.45	Saigon	Saigon	25.46	11.78
11. 0	Perth	VLW2	31.38	9.56
11.45	Sydney	VLQ	31.18	9.62

## NEWS FROM LONDON

**T**HE news broadcasts listed below are given in chronological order, with the stations operating the BBC Empire Service printed against each time in the order in which they are best heard in New Zealand. *The Listener* cannot be responsible for changes made in the schedule at the last minute.

N.Z. Summer Time	CALL	METRES	Mc.	Nature of broadcast
A.M.				
01.00	GSD	25.53	11.75	News and Topical Talk
	GSF	19.82	15.14	News and Topical Talk
04.00	GSB	31.55	09.51	News and Topical Talk
	GSD	25.53	11.75	News and Topical Talk
06.00	GSD	Same station		News and Commentary
	GSF	19.82	15.14	News and Commentary
08.45	GSD	25.53	11.75	News
10.45	GSE	25.29	11.86	News
11.00	Same station			Topical Talk
P.M.				
1.00	Same station			News
1.30	Same station			"Britain Speaks"
1.45	Same station			News and Commentary
3.30	GSB	31.55	09.51	BBC Newsreel
	GSC	31.32	09.58	BBC Newsreel
	GSD	25.53	11.75	BBC Newsreel
4.30	Same stations			News Summary
6.15	GSB	31.55	09.51	News
	GSD	25.53	11.75	News
	GSE	25.29	11.86	News
6.30	Same stations			Topical Talk
8.30	Same stations			News and Commentary
9.30	GSF	19.82	15.14	BBC Newsreel
	GSD	25.53	11.75	BBC Newsreel
11.00	Same stations			News
11.15	Same stations			Topical Talk



## RADIO REVIEW

Contributed by N.Z. DX R.A. Inc.

Address all Communications  
P.O. Box 437, DUNEDIN.

### Magic Radio Eye

In 1863, Anthony van Leuwenhoek, Amsterdam, with his microscope, discovered the "small beasties" which were later branded the most dangerous enemies of man—the germs of disease.

But there are micro-organisms too small for optical microscopes to detect. These instruments operate by visible light, which cannot resolve objects much smaller than the wavelength of light. Bacteriologists have been able to see only the larger microbes. They have hoped for an instrument that would magnify not 1,500 but 20,000 . . . 50,000 . . . 100,000 diameters. Radio scientists, those unsung heroes in the radio world, have engineered such an instrument.

By a study of electrons active in radio and television, whose length was but a fraction of a light wave, they proved these electrons could be used as "seeing" rays. Focused by powerful magnets upon photographic film, they would reveal what had hitherto been invisible. Thus we have the electron microscope, which will enable bacteriologists to study hitherto invisible filterable viruses . . . and may discover causes of baffling ailments.

### The Helping Hand

The Swiss stations are again performing an international service. Some months ago, HBL was relaying Finnish programmes by land wire from Helsinki to the United States for re-broadcasting. HBL is again rendering assistance, this time for Rumania. For this purpose the Swiss station is on the air from 11.30 a.m. to noon, on 9.345 mc. Reception of this transmission is rather difficult for New Zealand listeners.

### Russians—And More Russians

Powerful Soviet transmitters are becoming altogether too numerous, though it must be added that their musical programmes are usually worth listening to. RW96 Moscow, on 9.03 mc., and another transmitter on 9.565 mc. can be heard quite early in the evening, and later they are joined by further stations on 6.117, 6.063 and 6.03 mc.

By 2.30 a.m., yet another joins in on 5.995 mc., and still more can be easily tuned in on 5.35, 3.88 and 4.273 mc., the last being the well known RW15 at Khabarovsk. The others are believed to be located at Moscow, Khabarovsk or Irkutsk.

### Shortwave Flashes

PLA, Bandoeng, Java, is broadcasting an English programme daily from 12.15 to 1.15 a.m. on 19.46 mc. News can be heard at 12.45 a.m.

"Radio Portugal," located at Lisbon, is a new transmitter on 10.15 mc. A French programme is heard from 7 to 8 a.m. daily.

CP43, "Radio Tupiza," P.O. Box 13, Tupiza, Bolivia, is on 15.162 mc. daily from 11 a.m. to 1.30 p.m., and should be audible.

One of the best South Americans at present for entertainment purposes is CB1170 at Santiago, Chile. It is on 11.70 mc. until 5.30 p.m.

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