

#### RADIO REVIEW

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

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

#### **Broadcasting in Japan**

An official of the Japanese Broadcasting Service was recently in N.Z. and heard for himself how overseas transmitters are received here. Several members of the N.Z.DX.R.A. met the visitor, and we give here some facts gained by J. Forrest, Auckland secretary, in conversation with Mr. Anazawa:

The Japanese listening public is in excess of four and a-half million, with receivers representing 62.3% per 1,000 of population or 31.8 per 100 families.

The licence fee is 9/- per year.

Shortwave listening is only allowed to a certain few government officials by licence.

Receivers are 4 or 5-valve broadcast models costing about  $\pounds 3$  each.

Except for the early morning overseas programmes, i.e., midnight-7 a.m., Japanese time, all programmes are flesh-and-blood presentations.

Recordings are made on steel tape instead of the usual record method. This is called the "decoder" system.

The building programme provides for five 50-kilowatt and 20 1-kilowatt new shortwave stations, and two 100 k.w. and one 150 k.w. broadcast stations.

The new Japanese verifications are of the "view" type, on coloured postcards.

#### American Resolution

The Congressional Record of July 29 (pages 14719-14722) shows that Senator Reynolds introduced a resolution to prohibit transmission of "subversive matter" through U.S. communication channels—including radio.

#### The Feminine View

Believed to be the world's only woman radio station manager, Senora Blanca Anthes de Bombal, head of "Radio Chilena" of Santiago, Chile, predicted that the time is not far off when the frequency modulation system of broadcasting will revolutionise the radio world. "'F.M.' broadcasting will enable radio listeners to receive static-free programmes, and with this system there is no such thing as fading," said Senora Bombal in a broadcast interview over WGEO.

This information is from a letter to Ron Smith, Caversham, from General Electric Broadcasting Service, New York.

#### World Total

The world list of stations shows that as et December 1, 1939, there were 2,452 regular broadcast stations listed, 814 of which were in the U.S.A.

The war makes any attempt to list European stations almost impossible at present.

#### Another "All-Nighter"

KFWB, 950~kc/s, has been heard on an apparent 24-hour schedule.

#### Special Programme

TI7RVM at Las Juntas Abangares, Costa Rica, on 6.035 mc/s, is reported to direct a "special" for North America on Thursdays from 5.30 to 8.30 p.m. Its normal schedule closes at 4.10 p.m. (N.Z. Standard Times.)

# ROUND THE WORLD BY RADIO

## NEWS BULLETINS IN ENGLISH

HIS list is revised regularly, with the cooperation of the New Zealand DX Radio Association. However, it must be noted that, although all care is taken to include only regular broadcasts, in the present state of international affairs some details may become inaccurate.

Location

Call

Matres Mc/s

00.00         Delhi         VUD2         31.28         9.59           00.00         Szechwan         XGOY         25.21         11.90           00.00         Japan         JZK         19.79         15.19           00.00         San Francisco         KGEI         31.48         9.53           00.15         Manila         KZRM         31.35         9.57           00.40         Canton         XGOK         25.66         11.67           1.15         Manila         KZRH         31.12         9.64           1.30         Shanghai         FFZ         24.8         12.05           2.0         San Francisco         KGEI         31.48         9.53           2.15         Manila         KZRM         31.35         9.57           2.0         San Francisco         KGEI         31.48         9.53           2.15         Manila         KZRM         31.32         9.57           2.0         Rangoon         XYZ         49.94         6.01           3.5         Manchukuo         MTCY         25.48         11.77           3.15         Madras         VUM2         60.63         4.92           3.20	A.M.	Location	Call	Metres	Mc/s	l
00.00         Japan         JZK         19.79         15.19           00.00         San Francisco         KGEI         31.48         9.53           00.15         Manila         KZRM         31.35         9.57           00.40         Canton         XGOK         25.66         11.67           1.15         Manila         KZRH         31.12         9.64           1.30         Shanghai         FFZ         24.8         12.05           2.0         San Francisco         KGEI         31.48         9.53           2.15         Manila         KZRM         31.35         9.57           2.0         Rangoon         XYZ         49.94         6.01           3.5         Manchukuo         MTCY         25.48         11.77           3.15         Madras         VUM2         60.63         4.92           3.20         Delhi         VUD3         31.28         9.59           3.30         Shanghai         FFZ         24.8         12.05           5.45         Turkey         TAP         31.7         9.46           7.30         Moscow         RW96         31.51         9.52           7.30         Man	00.00	Delhi	VUD2	31.28	9.59	l
JZJ   25.42   11.80	00.00	Szechwan	XGOY	25.21	11.90	ŀ
00.00         San Francisco         KGEI         31.48         9.53           00.15         Manila         KZRM         31.35         9.57           00.40         Canton         XGOK         25.66         11.67           1.15         Manila         KZRH         31.12         9.64           1.30         Shanghai         FFZ         24.8         12.05           2.0         San Francisco         KGEI         31.48         9.53           2.15         Manila         KZRM         31.35         9.57           2.0         Rangoon         XYZ         49.94         6.01           3.5         Manchukuo         MTCY         25.48         11.77           3.15         Madras         VUM2         60.63         4.92           3.20         Delhi         VUD3         31.28         9.59           3.30         Shanghai         FFZ         24.8         12.05           5.45         Turkey         TAP         31.7         9.46           7.30         Manchukuo         MTCY         25.48         11.77           7.30         Japan         JZJ         25.42         11.80           9.0         M	00.00	Japan	JZK	19.79	15.19	
00.15         Manila         KZRM         31.35         9.57           00.40         Canton         XGOK         25.66         11.67           1.15         Manila         KZRH         31.12         9.64           1.30         Shanghai         FFZ         24.8         12.05           2. 0         San Francisco         KGEI         31.48         9.53           2.15         Manila         KZRM         31.35         9.57           2. 0         Rangoon         XYZ         49.94         6.01           3. 5         Manchukuo         MTCY         25.48         11.77           3.15         Madras         VUM2         60.63         4.92           3.20         Delhi         VUD3         31.28         9.59           3.30         Shanghai         FFZ         24.8         12.05           5.45         Turkey         TAP         31.7         9.46           7.30         Moscow         RW96         31.51         9.52           7.30         Manchukuo         MTCY         25.48         11.77           7.30         Japan         JZJ         25.42         11.80           9.0         Moscow			JZJ	25.42	11.80	ŀ
00.40         Canton         XGOK         25.66         11.67           1.15         Manila         KZRH         31.12         9.64           1.30         Shanghai         FFZ         24.8         12.05           2. 0         San Francisco         KGEI         31.48         9.53           2.15         Manila         KZRM         31.35         9.57           2. 0         Rangoon         XYZ         49.94         6.01           3. 5         Manchukuo         MTCY         25.48         11.77           3.15         Madras         VUM2         60.63         4.92           3.20         Delhi         VUD3         31.28         9.59           3.30         Shanghai         FFZ         24.8         12.05           5.45         Turkey         TAP         31.7         9.46           7.30         Moscow         RW96         31.51         9.52           7.30         Manchukuo         MTCY         25.48         11.77           7.30         Japan         JZK         19.79         15.19           8.55         Yugoslavia         YUD         49.18         6.10           9.0         Mosc	00.00	San Francisco	KGEI	31.48	9.53	l
1.15       Manila       KZRH       31.12       9.64         1.30       Shanghai       FFZ       24.8       12.05         2. 0       San Francisco       KGEI       31.48       9.53         2.15       Manila       KZRM       31.35       9.57         2. 0       Rangoon       XYZ       49.94       6.01         3. 5       Manchukuo       MTCY       25.48       11.77         3.15       Madras       VUM2       60.63       4.92         3.20       Delhi       VUD3       31.28       9.59         3.30       Shanghai       FFZ       24.8       12.05         5.45       Turkey       TAP       31.7       9.46         7.30       Moscow       RW96       31.51       9.52         7.30       Manchukuo       MTCY       25.48       11.77         7.30       Japan       JZJ       25.42       11.80         JZK       19.79       15.19         8.30       Manchukuo       MTCY       25.48       11.77         8.55       Yugoslavia       YUD       49.18       6.10         9.0       Moscow       RW96       31.51       9.5	00.15	Manila	<b>KZRM</b>	31.35	9.57	l
1.30       Shanghai       FFZ       24. 8       12.05         2. 0       San Francisco       KGEI       31.48       9.53         2.15       Manila       KZRM       31.35       9.57         2. 0       Rangoon       XYZ       49.94       6.01         3. 5       Manchukuo       MTCY       25.48       11.77         3.15       Madras       VUM2       60.63       4.92         3.20       Delhi       VUD3       31.28       9.59         3.30       Shanghai       FFZ       24. 8       12.05         5.45       Turkey       TAP       31. 7       9.46         7.30       Moscow       RW96       31.51       9.52         7.30       Manchukuo       MTCY       25.48       11.77         7.30       Japan       JZJ       25.42       11.80         JZK       19.79       15.19         8.30       Manchukuo       MTCY       25.48       11.77         8.55       Yugoslavia       YUD       49.18       6.10         9.0       Moscow       RW96       31.51       9.52         10.0       Szechwan       XGOY       25.21 <t< td=""><td>00.40</td><td>Canton</td><td>XGOK</td><td>25.66</td><td>11.67</td><td>İ</td></t<>	00.40	Canton	XGOK	25.66	11.67	İ
2. 0         San Francisco         KGEI         31.48         9.53           2.15         Manila         KZRM         31.35         9.57           2. 0         Rangoon         XYZ         49.94         6.01           3. 5         Manchukuo         MTCY         25.48         11.77           3.15         Madras         VUM2         60.63         4.92           3.20         Delhi         VUD3         31.28         9.59           3.30         Shanghai         FFZ         24.8         12.05           5.45         Turkey         TAP         31.7         9.46           7.30         Moscow         RW96         31.51         9.52           7.30         Manchukuo         MTCY         25.48         11.77           7.30         Japan         JZJ         25.42         11.80           JZK         19.79         15.19           8.30         Manchukuo         MTCY         25.48         11.77           7.30         Japan         JZJ         25.42         11.80           9.0         Moscow         RW96         31.51         9.52           10.0         Moscow         RW96         31.51 </td <td>1.15</td> <td>Manila</td> <td><b>KZRH</b></td> <td>31.12</td> <td>9.64</td> <td></td>	1.15	Manila	<b>KZRH</b>	31.12	9.64	
2.15       Manila       KZRM       31.35       9.57         2. 0       Rangoon       XYZ       49.94       6.01         3. 5       Manchukuo       MTCY       25.48       11.77         3.15       Madras       VUM2       60.63       4.92         3.20       Delhi       VUD3       31.28       9.59         3.30       Shanghai       FFZ       24.8       12.05         5.45       Turkey       TAP       31.7       9.46         7.30       Moscow       RW96       31.51       9.52         7.30       Manchukuo       MTCY       25.48       11.77         7.30       Japan       JZJ       25.42       11.80         JZK       19.79       15.19         8.30       Manchukuo       MTCY       25.48       11.77         8.55       Yugoslavia       YUD       49.18       6.10         9.0       Moscow       RW96       31.51       9.52         10.0       Szechwan       XGOY       25.21       11.90         10.0       Moscow       RW96       31.51       9.52         P.M.       2.0       Moscow       RW96       31.51	1.30	Shanghai	$\mathbf{FF}\mathbf{Z}$	24. 8	12.05	
2. 0       Rangoon       XYZ       49.94       6.01         3. 5       Manchukuo       MTCY       25.48       11.77         3.15       Madras       VUM2       60.63       4.92         3.20       Delhi       VUD3       31.28       9.59         3.30       Shanghai       FFZ       24.8       12.05         5.45       Turkey       TAP       31.7       9.46         7.30       Moscow       RW96       31.51       9.52         7.30       Manchukuo       MTCY       25.48       11.77         7.30       Japan       JZJ       25.42       11.80         JZK       19.79       15.19         8.30       Manchukuo       MTCY       25.48       11.77         8.55       Yugoslavia       YUD       49.18       6.10         9.0       Moscow       RW96       31.51       9.52         10.0       Szechwan       XGOY       25.21       11.90         10.0       Moscow       RW96       31.51       9.52         P.M.       2.0       Moscow       RW96       31.51       9.52         2.0       Moscow       RW96       31.51	2. 0	San Francisco	KGEI	31.48	9.53	
3. 5       Manchukuo       MTCY       25.48       11.77         3.15       Madras       VUM2       60.63       4.92         3.20       Delhi       VUD3       31.28       9.59         3.30       Shanghai       FFZ       24.8       12.05         5.45       Turkey       TAP       31.7       9.46         7.30       Moscow       RW96       31.51       9.52         7.30       Manchukuo       MTCY       25.48       11.77         7.30       Japan       JZK       19.79       15.19         8.30       Manchukuo       MTCY       25.48       11.77         8.55       Yugoslavia       YUD       49.18       6.10         9.0       Moscow       RW96       31.51       9.52         10.0       Szechwan       XGOY       25.21       11.90         10.0       Moscow       RW96       31.51       9.52         P.M.       2.0       Moscow       RW96       31.51       9.52         2.0       Moscow       RW96       31.51       9.52         2.0       Moscow       RW96       31.51       9.52         2.0       Moscow	2.15	Manila	KZRM	31.35	9.57	l
3.15       Madras       VUM2       60.63       4.92         3.20       Delhi       VUD3       31.28       9.59         3.30       Shanghai       FFZ       24.8       12.05         5.45       Turkey       TAP       31.7       9.46         7.30       Moscow       RW96       31.51       9.52         7.30       Manchukuo       MTCY       25.48       11.77         7.30       Japan       JZK       19.79       15.19         8.30       Manchukuo       MTCY       25.48       11.77         8.55       Yugoslavia       YUD       49.18       6.10         9.0       Moscow       RW96       31.51       9.52         10.0       Szechwan       XGOY       25.21       11.90         10.0       Moscow       RW96       31.51       9.52         P.M.       2.0       Moscow       RW96       31.51       9.52         P.M.       2.0       Moscow       RW96       31.51       9.52         2.0       Moscow       RW96       31.51       9.52         2.0       Moscow       RW96       31.51       9.52         2.0 <t< td=""><td>2. 0</td><td>Rangoon</td><td>XYZ</td><td>49.94</td><td>6.01</td><td></td></t<>	2. 0	Rangoon	XYZ	49.94	6.01	
3.20       Delhi       VUD3       31.28       9.59         3.30       Shanghai       FFZ       24.8       12.05         5.45       Turkey       TAP       31.7       9.46         7.30       Moscow       RW96       31.51       9.52         7.30       Manchukuo       MTCY       25.48       11.77         7.30       Japan       JZK       19.79       15.19         8.30       Manchukuo       MTCY       25.48       11.77         8.55       Yugoslavia       YUD       49.18       6.10         9.0       Moscow       RW96       31.51       9.52         10.0       Szechwan       XGOY       25.21       11.90         10.0       Moscow       RW96       31.51       9.52         P.M.       2.0       Moscow       RW96       31.51       9.52         P.M.       2.0       Moscow       RW96       31.51       9.52         P.M.       2.0       Moscow       RW96       31.51       9.52         2.0       Moscow       RW96       31.51       9.52         2.0       Moscow       RW96       31.51       9.52 <t< td=""><td>3. 5</td><td>Manchukuo</td><td>MTCY</td><td>25.48</td><td>11.77</td><td>ŀ</td></t<>	3. 5	Manchukuo	MTCY	25.48	11.77	ŀ
3.30         Shanghai         FFZ         24. 8         12.05           5.45         Turkey         TAP         31. 7         9.46           7.30         Moscow         RW96         31.51         9.52           7.30         Manchukuo         MTCY         25.48         11.77           7.30         Japan         JZK         19.79         15.19           8.30         Manchukuo         MTCY         25.48         11.77           8.55         Yugoslavia         YUD         49.18         6.10           9. 0         Moscow         RW96         31.51         9.52           10. 0         Szechwan         XGOY         25.21         11.90           10. 0         Moscow         RW96         31.51         9.52           P.M.         2. 0         Moscow         RW96         31.51         9.52           P.M.         2. 0         Moscow         RNE         25. 0         12. 0           2.30         Pittsburgh         WPIT         25.27         11.87           2.30         Psylidelphia         WCAB         31.28         9.59           3.30         Cincinnati         WLWO         31.28         9.59	3.15	Madras	VUM2	60.63	4.92	
5.45         Turkey         TAP         31. 7         9.46           7.30         Moscow         RW96         31.51         9.52           7.30         Manchukuo         MTCY         25.48         11.77           7.30         Japan         JZK         19.79         15.19           8.30         Manchukuo         MTCY         25.48         11.77           8.55         Yugoslavia         YUD         49.18         6.10           9. 0         Moscow         RW96         31.51         9.52           10. 0         Szechwan         XGOY         25.21         11.90           10. 0         Moscow         RW96         31.51         9.52           P.M.         2. 0         Moscow         RW96         31.51         9.52           P.M.         2. 0         Moscow         RW96         31.51         9.52           P.M.         2. 0         Moscow         RW96         31.51         9.52	3.20	Delhi	VUD3	31.28	9.59	l
7.30         Moscow         RW96         31.51         9.52           7.30         Manchukuo         MTCY         25.48         11.77           7.30         Japan         JZJ         25.42         11.80           JZK         19.79         15.19           8.30         Manchukuo         MTCY         25.48         11.77           8.55         Yugoslavia         YUD         49.18         6.10           9.0         Moscow         RW96         31.51         9.52           10.0         Szechwan         XGOY         25.21         11.90           10.0         Moscow         RW96         31.51         9.52           P.M.         2.0         Moscow         RW96         31.51         9.52           P.M.         2.0         Moscow         RNE         25.0         12.0           2.30         Pittsburgh         WPIT         25.27         11.87           2.30         Pchiladelphia         WCAB         31.28         9.59           3.30         Cincinnati         WLWO         31.28         9.59           3.30         Cincinnati         WLWO         25.27         11.87           4.0	3.30	Shanghai	FFZ	24. 8	12.05	
7.30         Moscow         RW96         31.51         9.52           7.30         Manchukuo         MTCY         25.48         11.77           7.30         Japan         JZJ         25.42         11.80           JZK         19.79         15.19           8.30         Manchukuo         MTCY         25.48         11.77           8.55         Yugoslavia         YUD         49.18         6.10           9.0         Moscow         RW96         31.51         9.52           10.0         Szechwan         XGOY         25.21         11.90           10.0         Moscow         RW96         31.51         9.52           P.M.         2.0         Moscow         RW96         31.51         9.52           P.M.         2.0         Moscow         RNE         25.0         12.0           2.30         Pittsburgh         WPIT         25.27         11.87           2.30         Philadelphia         WCAB         31.28         9.59           3.30         Cincinnati         WLWO         31.28         9.59           3.30         Cińcinnati         WLWO         25.27         11.87           4.0	5.45	Turkey	TAP	31. 7	9.46	
7.30 Japan JZJ 25.42 11.80 JZK 19.79 15.19 8.30 Manchukuo MTCY 25.48 11.77 8.55 Yugoslavia YUD 49.18 6.10 9. 0 Moscow RW96 31.51 9.52 10. 0 Szechwan XGOY 25.21 11.90 10. 0 Moscow RW96 31.51 9.52 P.M. 2. 0 Moscow RW96 31.51 9.52 2. 0 Moscow RNE 25. 0 12. 0 2.30 Pittsburgh WPIT 25.27 11.87 2.30 Schenectady WGEA 31.41 9.55 2.30 New York WRCA 31.02 9.67 2.30 Philadelphia WCAB 31.28 9.59 3.30 Cincinnati WLWO 31.28 9.59 3.30 Cincinnati WLWO 25.27 11.87 4. 0 Philadelphia WCAB 31.28 9.59 4. 0 Boston WBOS 31.35 9.57 4.15 Winnipeg CJRX 25.60 11.72 4.15 Pittsburgh WPIT 48.86 6.14 5.25 New York WCBX 48.62 6.17 5.25 Boston WBOS 31.35 9.57 5.25 Philadelphia WCAB 31.28 9.59 5.30 San Francisco KGEI 31.02 9.67	7.30	-	RW96	31.51	9.52	
7.30         Japan         JZJ         25.42         11.80           JZK         19.79         15.19           8.30         Manchukuo         MTCY         25.48         11.77           8.55         Yugoslavia         YUD         49.18         6.10           9.0         Moscow         RW96         31.51         9.52           10.0         Szechwan         XGOY         25.21         11.90           10.0         Moscow         RW96         31.51         9.52           P.M.         2.0         Moscow         RW96         31.51         9.52           P.M.         2.0         Moscow         RNE         25.0         12.0           2.30         Pittsburgh         WPIT         25.27         11.87           2.30         Pchiladelphia         WCAB         31.28         9.59           3.30         Cincinnati         WLWO         31.28         9.59           3.30         Cincinnati         WLWO         31.28         9.59           4.0         Philadelphia         WCAB         31.28         9.59           4.15         Winnipeg         CJRX         25.60         11.72           4.15	7.30	Manchukuo	MTCY	25.48	11.77	l
8.30 Manchukuo MTCY 25.48 11.77 8.55 Yugoslavia YUD 49.18 6.10 9. 0 Moscow RW96 31.51 9.52 10. 0 Szechwan XGOY 25.21 11.90 10. 0 Moscow RW96 31.51 9.52 P.M. 2. 0 Moscow RW96 31.51 9.52 2. 0 Moscow RNE 25. 0 12. 0 2.30 Pittsburgh WPIT 25.27 11.87 2.30 Schenectady WGEA 31.41 9.55 2.30 New York WRCA 31.02 9.67 2.30 Philadelphia WCAB 31.28 9.59 3.30 Cincinnati WLWO 31.28 9.59 3.30 Cincinnati WLWO 25.27 11.87 4. 0 Philadelphia WCAB 31.28 9.59 4. 0 Boston WBOS 31.35 9.57 4.15 Winnipeg CJRX 25.60 11.72 4.15 Pittsburgh WPIT 48.86 6.14 5.25 New York WCBX 48.62 6.17 5,25 Boston WBOS 31.35 9.57 5.25 Philadelphia WCAB 31.28 9.59 5.30 San Francisco KGEI 31.02 9.67		Japan	$\mathbf{J}\mathbf{Z}\mathbf{J}$	25.42	11.80	
8.55         Yugoslavia         YUD         49.18         6.10           9. 0         Moscow         RW96         31.51         9.52           10. 0         Szechwan         XGOY         25.21         11.90           10. 0         Moscow         RW96         31.51         9.52           P.M.         2. 0         Moscow         RW96         31.51         9.52           2. 0         Moscow         RNE         25. 0         12. 0         12. 0           2.30         Pittsburgh         WPIT         25.27         11.87         11.87           2.30         Schenectady         WGEA         31.41         9.55           2.30         New York         WCAB         31.28         9.59           3.30         Cincinnati         WLWO         31.28         9.59           3.30         Cincinnati         WLWO         25.27         11.87           4. 0         Philadelphia         WCAB         31.28         9.59           4. 0         Boston         WBOS         31.35         9.57           4.15         Wimnipeg         CJRX         25.60         11.72           4.15         Pittsburgh         WPIT         <		• ···		19.79	15.19	l
9. 0 Moscow RW96 31.51 9.52 10. 0 Szechwan XGOY 25.21 11.90 10. 0 Moscow RW96 31.51 9.52 P.M. 2. 0 Moscow RW96 31.51 9.52 2. 0 Moscow RNE 25. 0 12. 0 2.30 Pittsburgh WPIT 25.27 11.87 2.30 Schenectady WGEA 31.41 9.55 2.30 New York WRCA 31.02 9.67 2.30 Philadelphia WCAB 31.28 9.59 3.30 Cincinnati WLWO 31.28 9.59 3.30 Cincinnati WLWO 25.27 11.87 4. 0 Philadelphia WCAB 31.28 9.59 4. 0 Boston WBOS 31.35 9.57 4.15 Winnipeg CJRX 25.60 11.72 4.15 Pittsburgh WPIT 48.86 6.14 5.25 New York WCBX 48.62 6.17 5,25 Boston WBOS 31.35 9.57 5.25 Philadelphia WCAB 31.28 9.59 5.30 San Francisco KGEI 31.02 9.67	8.30	Manchukuo	MTCY	25.48	11.77	ļ
10. 0         Szechwan         XGOY         25.21         11.90           10. 0         Moscow         RW96         31.51         9.52           P.M.         2. 0         Moscow         RW96         31.51         9.52           2. 0         Moscow         RNE         25. 0         12. 0           2.30         Pittsburgh         WPIT         25.27         11.87           2.30         Schenectady         WGEA         31.41         9.55           2.30         New York         WRCA         31.02         9.67           2.30         Philadelphia         WCAB         31.28         9.59           3.30         Cincinnati         WLWO         31.28         9.59           3.30         Cincinnati         WLWO         25.27         11.87           4. 0         Philadelphia         WCAB         31.28         9.59           4. 0         Boston         WBOS         31.35         9.57           4.15         Witnipeg         CJRX         25.60         11.72           4.15         Pittsburgh         WPIT         48.86         6.14           5.25         Row York         WCBX         48.62         6.17     <	8.55	Yugoslavia	YUD	49.18	6.10	İ
10. 0       Moscow       RW96       31.51       9.52         P.M.       2. 0       Moscow       RW96       31.51       9.52         2. 0       Moscow       RNE       25. 0       12. 0         2.30       Pittsburgh       WPIT       25.27       11.87         2.30       Schenectady       WGEA       31.41       9.55         2.30       New York       WRCA       31.02       9.67         2.30       Philadelphia       WCAB       31.28       9.59         3.30       Cincinnati       WLWO       31.28       9.59         3.30       Cincinnati       WLWO       25.27       11.87         4. 0       Philadelphia       WCAB       31.28       9.59         4. 0       Boston       WBOS       31.35       9.57         4.15       Winnipeg       CJRX       25.60       11.72         4.15       Pittsburgh       WPIT       48.86       6.14         5.25       New York       WCBX       48.62       6.17         5.25       Philadelphia       WCAB       31.28       9.59         5.30       San Francisco       KGEI       31.02       9.67 <td>9. 0</td> <td>Moscow</td> <td>RW96</td> <td>31.51</td> <td>9.52</td> <td></td>	9. 0	Moscow	RW96	31.51	9.52	
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2. 0       Moscow       RW96       31.51       9.52         2. 0       Moscow       RNE       25. 0       12. 0         2.30       Pittsburgh       WPIT       25.27       11.87         2.30       Schenectady       WGEA       31.41       9.55         2.30       New York       WRCA       31.02       9.67         2.30       Philadelphia       WCAB       31.28       9.59         3.30       Cincinnati       WLWO       31.28       9.59         4. 0       Philadelphia       WCAB       31.28       9.59         4. 0       Boston       WBOS       31.35       9.57         4.15       Winnipeg       CJRX       25.60       11.72         4.15       Pittsburgh       WPIT       48.86       6.14         5.25       New York       WCBX       48.62       6.17         5.25       Philadelphia       WCAB       31.28       9.59         5.30       San Francisco       KGEI       31.02       9.67	10. 0	Moscow	RW96	31.51	9.52	
2. 0       Moscow       RNE       25. 0       12. 0         2.30       Pittsburgh       WPIT       25.27       11.87         2.30       Schenectady       WGEA       31.41       9.55         2.30       New York       WRCA       31.02       9.67         2.30       Philadelphia       WCAB       31.28       9.59         3.30       Cincinnati       WLWO       31.28       9.59         4. 0       Philadelphia       WCAB       31.28       9.59         4. 0       Boston       WBOS       31.35       9.57         4.15       Winnipeg       CJRX       25.60       11.72         4.15       Pittsburgh       WPIT       48.86       6.14         5.25       New York       WCBX       48.62       6.17         5,25       Boston       WBOS       31.35       9.57         5.25       Philadelphia       WCAB       31.28       9.59         5.30       San Francisco       KGEI       31.02       9.67	P.M.					1
2.30         Pittsburgh         WPIT         25.27         11.87           2.30         Schenectady         WGEA         31.41         9.55           2.30         New York         WRCA         31.02         9.67           2.30         Philadelphia         WCAB         31.28         9.59           3.30         Cincinnati         WLWO         31.28         9.59           3.30         Cińcinnati         WLWO         25.27         11.87           4. 0         Philadelphia         WCAB         31.28         9.59           4. 0         Boston         WBOS         31.35         9.57           4.15         Winnipeg         CJRX         25.60         11.72           4.15         Pittsburgh         WPIT         48.86         6.14           5.25         New York         WCBX         48.62         6.17           5,25         Boston         WBOS         31.35         9.57           5.25         Philadelphia         WCAB         31.28         9.59           5.30         San Francisco         KGEI         31.02         9.67	2. 0	Moscow				1
2.30         Schenectady         WGEA         31.41         9.55           2.30         New York         WRCA         31.02         9.67           2.30         Philadelphia         WCAB         31.28         9.59           3.30         Cincinnati         WLWO         31.28         9.59           3.30         Cincinnati         WLWO         25.27         11.87           4.         0         Philadelphia         WCAB         31.28         9.59           4.         0         Boston         WBOS         31.35         9.57           4.15         Winnipeg         CJRX         25.60         11.72           4.15         Pittsburgh         WPIT         48.86         6.14           5.25         New York         WCBX         48.62         6.17           5,25         Boston         WBOS         31.35         9.57           5.25         Philadelphia         WCAB         31.28         9.59           5.30         San Francisco         KGEI         31.02         9.67						
2.30         New York         WRCA         31.02         9.67           2.30         Philadelphia         WCAB         31.28         9.59           3.30         Cincinnati         WLWO         31.28         9.59           3.30         Cińcinnati         WLWO         25.27         11.87           4. 0         Philadelphia         WCAB         31.28         9.59           4. 0         Boston         WBOS         31.35         9.57           4.15         Winnipeg         CJRX         25.60         11.72           4.15         Pittsburgh         WPIT         48.86         6.14           5.25         New York         WCBX         48.62         6.17           5,25         Boston         WBOS         31.35         9.57           5.25         Philadelphia         WCAB         31.28         9.59           5.30         San Francisco         KGEI         31.02         9.67						l
2.30       Philadelphia       WCAB       31.28       9.59         3.30       Cincinnati       WLWO       31.28       9.59         3.30       Cińcinnati       WLWO       25.27       11.87         4. 0       Philadelphia       WCAB       31.28       9.59         4. 0       Boston       WBOS       31.35       9.57         4.15       Winnipeg       CJRX       25.60       11.72         4.15       Pittsburgh       WPIT       48.86       6.14         5.25       New York       WCBX       48.62       6.17         5,25       Boston       WBOS       31.35       9.57         5.25       Philadelphia       WCAB       31.28       9.59         5.30       San Francisco       KGEI       31.02       9.67		•				l
3.30       Cincinnati       WLWO       31.28       9.59         3.30       Cińcinnati       WLWO       25.27       11.87         4. 0       Philadelphia       WCAB       31.28       9.59         4. 0       Boston       WBOS       31.35       9.57         4.15       Winnipeg       CJRX       25.60       11.72         4.15       Pittsburgh       WPIT       48.86       6.14         5.25       New York       WCBX       48.62       6.17         5,25       Boston       WBOS       31.35       9.57         5.25       Philadelphia       WCAB       31.28       9.59         5.30       San Francisco       KGEI       31.02       9.67						l
3.30       Cińcinnati       WLWO       25.27       11.87         4. 0       Philadelphia       WCAB       31.28       9.59         4. 0       Boston       WBOS       31.35       9.57         4.15       Winnipeg       CJRX       25.60       11.72         4.15       Pittsburgh       WPIT       48.86       6.14         5.25       New York       WCBX       48.62       6.17         5,25       Boston       WBOS       31.35       9.57         5.25       Philadelphia       WCAB       31.28       9.59         5.30       San Francisco       KGEI       31.02       9.67		-				l
4. 0       Philadelphia       WCAB       31.28       9.59         4. 0       Boston       WBOS       31.35       9.57         4.15       Winnipeg       CJRX       25.60       11.72         4.15       Pittsburgh       WPIT       48.86       6.14         5.25       New York       WCBX       48.62       6.17         5,25       Boston       WBOS       31.35       9.57         5.25       Philadelphia       WCAB       31.28       9.59         5.30       San Francisco       KGEI       31.02       9.67						1
4. 0     Boston     WBOS     31.35     9.57       4.15     Winnipeg     CJRX     25.60     11.72       4.15     Pittsburgh     WPIT     48.86     6.14       5.25     New York     WCBX     48.62     6.17       5,25     Boston     WBOS     31.35     9.57       5.25     Philadelphia     WCAB     31.28     9.59       5.30     San Francisco     KGEI     31.02     9.67						
4.15     Winnipeg     CJRX     25.60     11.72       4.15     Pittsburgh     WPIT     48.86     6.14       5.25     New York     WCBX     48.62     6.17       5,25     Boston     WBOS     31.35     9.57       5.25     Philadelphia     WCAB     31.28     9.59       5.30     San Francisco     KGEI     31.02     9.67		•				
4.15       Pittsburgh       WPIT       48.86       6.14         5.25       New York       WCBX       48.62       6.17         5,25       Boston       WBOS       31.35       9.57         5.25       Philadelphia       WCAB       31.28       9.59         5.30       San Francisco       KGEI       31.02       9.67						
5.25         New York         WCBX         48.62         6.17           5,25         Boston         WBOS         31.35         9.57           5.25         Philadelphia         WCAB         31.28         9.59           5.30         San Francisco         KGEI         31.02         9.67			-			ŀ
5,25         Boston         WBOS         31.35         9.57           5,25         Philadelphia         WCAB         31.28         9.59           5,30         San Francisco         KGEI         31.02         9.67		_				İ
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P.M.	Location	Call	Metres	Mc/s
7. 0	Tokio	JZK	19.80	15.1 <b>6</b>
7.30	Moscow	RW96	19.76	15.18
8.30	Melbourne	VLR	31.32	9.58
8.30	Perth	VLW3	25.36	11.83
9.25	Tokio	JVW3	25.60	11.72
10. 0	Szechwan	XGOY	25.17	11.95
10. 0	Philippine Is.	KZRC	49.14	6.11
10.15	Saigon	Saigon	25.46	11.78
10.15	Manila	KZŘM	31.35	9.57
10.30	Perth	VLW2	31.09	9.6 <b>5</b>
10.30	*Cincinnati	WLWO	31.28	9.59
10.30	*Cincinnati	WLWO	25.27	11.87
10.45	Turkey	TAQ	19,74	15.19
11.30	*Cincinatti	WLWO	31.28	9.59
11.30	*Cincinatti	WLWO	25.27	11.87

\*Alternates weekly on these frequencies: 31.28 metres and 25.27 metres.

#### NEWS FROM DAVENTRY

THE timings for news from Daventry listed below will come into force on September 29, when New Zealand changes to Summer Time. We shall then be 12 hours ahead of time in Britain. The stations operating the BBC Empire Service which are best received are listed against each time in the order in which they are best heard in New Zealand:

N.Z.	-			
Summer				
Time	CALL	METRES	Mc/s	Nature of
A.M.				broadcast
01.00	GSI	19.66	15.26	News and
				Topical Talk
04.00	GSI	19.66	15.26	News and
				Topical Talk
06.00	GSI	19.66	15.26	News and
				Commentary
08.45	GSF	19.82	15.14	News
10.45	GSF	19.82	15.14	News.
	GSD	25.53	11.75	News
	GSC	31.32	09.58	News
11.00	GSF	19.82	15.14	Topical Talk
	GSB	31.55	09.51	Topical Talk
	GSE	25.29	11.86	Topical Talk
P.M.				
1.00	GSF	19.82	15.14	News
1.00	ĞSB	31.55	09.51	News
	GSE	25.29	11.86	News
1.45		Same stations	" 3	Britain Speaks "
2.00		Same stations	News a	nd Commentary
3.30	GSB	31.55	09.51	BBC Newsreel
0.00	GSC	31.32	09.58	BBC Newsreel
	GSD	25.53	11.75	BBC Newsreel
4.30	GSB	31.55	09.51	News summary
4.50	ĞSC	31.32	09.58	News summary
	GSD	25.53	11.75	News summary
6.15	GSB	31.35	09.51	News
0.13	GŠD	25.53	11.75	News
	GSI	19.66	15.26	News
	GSF	19.82	15.14	News
6.30	CIDE	Same stations		Topical Talk
8.30	GSB	31.55	09.51	News and
6.30	400	61.55	05.01	Commentary
	GSD	25.53	11.75	News and
	COD	20.00	11.70	Commentary
	GSI	19.66	15.26	News and
	Got	19.00	13.20	Commentary
9.45	GSI	19.66	15.26	BBC Newsreel
11.00	GSI	19.66	15.26	News
11.15	Got	Same station	43.40	Topical Talk
11.13		Dattle Station		TODICAL THIE

# World Experience {



### in Every Gallon