

3RC, WBZA, KA1AP, KA1BH, DJQ, DZH, VD5ACN, W3ELZ, J2FI, LU9BV, W6BKY, W6LMG, VE5ABD, W4DLK, CSW, W2IKV, ON4SS, TI4NRH, SV-2B, KZRM, XZ2EZ. B.C.: 2SM, 2GB, 2AY, 3LK, 2TM, 2HR, 1YA, 2YA, 3YA, 4YA, 3YL, 2YC, 4YO, 2ZB, 3ZB, 1ZM, 2UW, 2HD, 4BC, 3WV, 3AR, 5PI, TEX, KGU.

The following stations have replied: S.W.: W2XAD, VK5JS, 4RJ, 2FF, 3BH, 2DK, 3GQ, 3NG, PLP, YDB, YDC, ZMBJ, VPD2, RNE, TGWA, WS-XAL, W9XF, HCJB, W8XK, W1XK, W3XAL, W1XAL, PCJ, W2QD, 9MI, VK3ME, VK2ME, VK6ME, GSD, ZBW. B.C.: 2SM, 2GB, 2AY, 2TM, 3LK, 2HR, ZJV, 3WY, 3YL, 4YO, 1ZM, 2YA, 1YA, 3YA, 2ZB, 3ZB, 2YC. — 19T. (Ounaki).

Questions and Answers

"A.L.I." (Kerepehi): Your difficulty with the multi-condenser blocks is a very awkward one to solve. If a circuit diagram of the receiver can be obtained then the wiring can be traced out and the value of each condenser then read from the circuit diagram. Some of the service manuals have diagrams of all the models of the make you have, so that if you can borrow one of these manuals the values can be obtained. Otherwise a certain amount of guesswork will have to be done. Draw out the circuit by tracing each wire in the receiver and then consider what values would be appropriate in each opposition. Why not allow a good serviceman to do the job and be certain that it is well done?

N.Z. DX Club Meetings.

HAWKE'S BAY

In the Club Room, above Wood's Tearooms, Waipukurau, at 7.45 p.m., on Wednesday, May 18.

V. L. KING (119H.B.),
Branch Secretary.

NORTHLAND.

At 21 Anzac Road, Whangarei, at 7.30 p.m., on Monday, June 6.

R. A. ROYCROFT (2HQ),
Branch Secretary.

AUCKLAND.

In the Society of Arts Hall, Kitchen Street, at 8 p.m., on Wednesday, May 18.

F. NEWING (31CA),
Branch Secretary.

WELLINGTON.

In the "Times" Building, Kelburn Avenue, at 8 p.m., on Monday, June 13. Members are asked to meet at the bottom of Kelburn Avenue (off Lambton Quay).

A. BAILEY (44W),
Branch Secretary.

"ROXS" (Christchurch): The resistor you mention, as number four, is really number two! This should not become hot at all, unless there is a short somewhere else in the receiver making the B current much larger than it should be. Does the resistance get hot with the valve pulled out of the socket? If not there is a possibility that the valve is faulty or that it is not receiving its correct bias in the

second section. The condenser four, if faulty, could not affect the resistance two, except to short it out of circuit. Check the insulation of the arm of the potentiometer to chassis as, if a metal panel is used, this must be insulated from the panel or chassis. Also check condenser five—the 0.5 mfd. from arm to chassis.

"F.B." (Onehunga): We have no descriptions or particulars concerning a shortwave converter such as you ask about but, in the "Radio Constructors' Guide" for 1936, we published descriptions of converters which you could adapt for the lower wavelength by altering the coils. Copies of this publication can be had from this office at 2/6 posted.

"L.H." (Wakefield): The 15 ma, passing through the windings of the transformer which you are building, will not be too high for that size of core—at least if a modern steel is being used. In the case of the 40 ma for the push-pull operation, the two winding halves oppose each other as to magnetising turns so that the core will have little, if any, magnetisation.

A.: An oscillator coil designed for operation on 250 volts usually has sufficient latitude for operation at lower voltages, and most will work satisfactorily at 180 volts. Should the oscillation cease on any part of the band, then add a turn or two to the reaction winding, but keep it at the end furthest from the grid.

SHORTWAVE STATIONS . . . CONTINUED

(Continued from page 69.)

5.55: "The Royal Visit to Lancashire," talk by the Earl of Derby.
6.10: Next week's programmes.
6.20: News and announcements.
6.45: Close down.

Saturday, May 28.

4.30 p.m.: Big Ben. "At the Black Dog." Mr. Wilkes at home in his own parlour.
5.0: David Buchan in pianoforte improvisations.
5.10: "The Empire Sings," potpourri of tunes from all parts of the British Empire.
6.10: "London Log."
6.20: News and announcements.
6.45: Close down.

Above programmes are to be broadcast in Transmission 1 (for Australia and New Zealand) from the BBC shortwave station at Daventry.

BERLIN

DJA, DJB, DJS, DJE, DJQ.

Wavelengths: 31.38 m., 19.74 m., 13.99 m., 16.89 m., 19.63 m.

Sunday, May 22.

6.45 p.m.: Short selections.
7.0: Homeland greetings.
7.30: "Strauss," musical chart.
8.15: Three pieces for cello and piano (Theodor Hausmann).
8.30: German marches.
9.15: Symphony concert.

Monday, May 23.

6.20 p.m.: Greetings to Australia.
7.0: German folk tales.
7.15: Non-stop entertainment hour.
8.15: Best German male choirs.
9.15: Topical talk.
9.30: Orchestral concert.

Tuesday, May 24.

6.20 p.m.: Greetings to New Zealand.
7.0: "Around the Mediterranean."

7.45: Solo concert, Hermann Diener (violin).
8.15: Contemporary German light music.
9.15: "Thoughts and Things" (English), meditative comments.
9.30: Light music.

Wednesday, May 25.

7.0 p.m.: "Ding dong, We Are Off" (Happy Family).
7.15: German marches.
7.30: Introduction to "Tristan and Isolde."
7.45: "Tristan and Isolde," Act 2 (Wagner).
9.15: Press review.
9.30: Chamber music.

Thursday, May 26.

6.20 p.m.: Greetings to Australia.
7.0: Duets (Karlheinz Tauber).
7.15: "Sailor, Ahoy!" Comrades circle the globe.
8.15: "Enchantment of Rococo." Chamber music and songs.
8.45: Ascension Day.
9.15: Topical talk (English).
9.30: Variegated music.

Friday, May 27.

6.20 p.m.: Greetings to New Zealand.
7.0: Parade marches.
7.45: Music on Wurlitzer organ.
8.0: Light music.
8.45: New gramophone records.
9.15: Dance music.

Saturday, May 28.

7.0 p.m.: Short selections.
7.15: May dances and songs.
8.0: Concert of records.
8.30: Trio for Violin, Cello and Piano in C Major (Brahms).
9.30: "Lively Week-end."

VLR, Melbourne

Wavelength, 31.34 m.

Sunday, May 22.

10.20 p.m.: Organ recital by Arnold Colman, with Stella Wilson (soprano).
10.45: Recent film release.
11.45: News brevities.

Monday, May 23.

9.30 p.m.: Radio serial, "Into the Light."
10.0: "At the Sign of the Maison Rouge."

10.30: Topical revue.
11.0: "The History of Jazz."

Tuesday, May 24.

9.40 p.m.: British compositions, by Adelaide Studio Orchestra.
10.10: Brass band recital of patriotic airs and fantasias.
10.35: Topical talk.
10.50: Alexander Kipnis (Russian bass).

Wednesday, May 25.

9.30 p.m.: Items chosen by listeners.
10.10: "Emma and Herbert."
10.30: National Military Band.
11.0: "We Present"—Raymond Beattie and Heather Kinnaird in solos and duets.
11.30: Roy Agnew (pianist), recital of modern music.

Thursday, May 26.

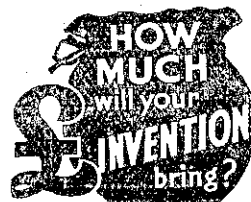
9.30 p.m.: Play, "Aunt Jeannie."
10.30: John Morley's Quartet.
11.15: "Chorus, Gentlemen, Please!"
11.30: Talk on World Affairs.
11.45: Harry Bloom's Dance Band.

Friday, May 27.

9.30 p.m.: Jim Davidson's ABC Dance Band.
10.0: Desmond Tanner at organ.
10.30: Tasmanian Studio Orchestra.
11.10: Apollo Male Quartet.
11.30: Organ recital.

Saturday, May 28.

9.30 p.m.: Symphony hour.
10.30: Sketch, "The Selector's Daughter."
11.0: Ballad concert.
11.30: Light instrumental programme.



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