

DX Topics

(Continued from page 14.)

and to my astonishment it became the latter.

I constructed a coil-winder and made the coils, which seem to be quite satisfactory, and I did the whole thing in less than a week, so that says a lot for the simple way in which it was laid out in the "Radio Times."

I have fitted the "Neutron Four" into a combination console which I had picked up quite cheaply, and am using a good cone speaker, and now have something worth while. Last night I was listening to a concert relayed from the Town Hall, which was a revelation, each instrument was so clean and clear.

I have a few bits left over from my old set, so I will be looking out for something to build to use them with—a shortwave adaptor would appeal to me.—J.S.J. (Lower Hutt).

N.Z. Short Wave Club
Notes

From the Secretary's Pen

MANY readers when writing in complain of being far away from the city; I really envy them, because lately the number of visitors I have had has seriously hindered club work. Seeing that I charge inquirers a penny stamp for my autograph I am going to install a collection box and, with the proceeds, buy presents to soften the wrath of members who are being neglected.

Owing to the times many cannot join but are with us in spirit. If readers who are unemployed or who are on part-time would like to know a way in which they can obtain membership under a branch scheme they could collect from upward of five names of others in a similar position and write in, when details will be sent.

I have to thank many members and non-members who sent in items of interest, especially with regard to important announcements. I am thus enabled in my daily conference with the president to keep some sort of trace of the ever-changing conditions. My one regret is that I have not more time so that I could give more information out. Perhaps if I can persuade visitors to be brief I may be able to manage.

Important matters of policy are awaiting the clearance of the present rush. The time has arrived to lay down definite lines, and, with that object in view, all the members will be invited to send in suggestions.

Drop a line to A. B. McDonagh, secretary, New Zealand Short Wave Club, 4 Queen Street, Wellington, and Uncle Mac will tell you all about it.—Yours fraternally,

M.A.C.

Radio Advertising

PUBLICITY by microphone has now been forbidden by the Belgian authorities. In France, Spain, Germany, Hungary, Italy, Irish Free State, and Poland, broadcasting stations are allowed to include a percentage of advertisements in the programmes broadcast; in Great Britain, Denmark, Holland, Sweden and Switzerland, the authorities have decided against this principle.

July "Radio Times"

Available this Week

THE July "Radio Times," which will be available this week, contains a wealth of varied information. There are two general articles which should have a wide appeal, one dealing with the question which is occupying the attention of most people "in the know" at the present time—that is, dumping—and the other dealing with the percentage of licenses in England, America, and New Zealand. The first article explains how, in the last two years, the American factories over-produced, and points out the danger of that over-production to New Zealand. It states some facts that will surprise most people, and in the article are two most interesting charts which set out diagrammatically the position that has arisen over the last twelve months.

The second article shows that New Zealand has a long way to go yet before saturation point is reached. The article to a degree is retrospective, and points out how rapid growth has taken place in the number of licenses both at home and abroad. It analyses the possible reasons why England and America have so far advanced in the radio world, and suggests certain lines of development for New Zealand radio.

The "B" station dealt with this month is 3ZC, and together with an account dealing with both technical and entertainment sides of the station's activities, is a splendid photograph of the interior of one of the studios.

On the constructional side there is a complete account of how to build the "Economy Three," a three-valve a.c. receiver comprising tuned r.f., detector, and pentode. The circuit employs ganged condensers.

Other technical articles include Part III of the A.B.C. of the a.c. set, in which a modern superheterodyne set is dealt with and the modern method of obtaining voltage is fully explained. Those who are studying radio, either from an amateur or dealer's point of view, would be well advised to follow these articles carefully, as they bring to light facts that may take a long time to dig out.

Of interest to the technical man, too, will be the full account of several new valves which have been developed in America. The description of these valves contains a summary of their principal characteristics and depicts the valves, which, by the way, are rather different from the usual, pictorially and in circuits. It explains also a new system of amplification.

There are two articles on electrolytic condensers—one explaining how they are made and what they comprise, and the other explaining how they may be used in transmitters and receivers so that their filtering properties may be utilised to the maximum.

Those who are seriously interested in radio will find the series on electrical units helpful. This month is published Part 2 of Ohms Law, in which power derivation is dealt with and a circuit is shown indicating how Ohms Law may be applied to it so that the values and power ratings of the resistances may be worked out.

The "Beginner Corner" which appeared in the first issue of the "Times,"

but which has not since been seen, reappears in this issue, with some valuable hints for those who are not familiar with radio technicalities.

In the dealer's section are two official articles from the federation, one dealing with points arising out of the newly-framed radio regulations, the other being the answers to section 1 of the radio serviceman's examination.

Another article in this section deals with the newly-formed New Zealand

DX Notes

Australian Reception

The following table shows the relative strengths of reception of the Australian "B" stations as heard at 10.30 p.m. on June 17. 125.0C (Seacliffe).

4BH, 2SM, 2CH, 2GB	R9
2UE, 3HA, 4BC	8
7LA, 2AY	7
2CA, 2HA	6
3KZ, 3BO, 3UZ	5
7HO, 2WL, 2KO, 2UW ...	4

The above table affords an interesting comparison with the following sent in by 1230C (Timaru). It was compiled at 10.15 p.m. on June 18.

2GB, 4BH, 2CH, 2SM ...	R9
3HA, 2HD, 3AW, 3UZ,	
3DB, 4BC	8
3BO, 2UE, 2UW, 3KZ, 7LA	7
2KY, 2MO, 2WL, 3GL, 2AY	6
7HO, 4TO, 4BK, 3BA, 2KO	5
4GR, 2CA, 3WR, 5AD, 2GN,	
3TR	4
5KA	3
6ML, 5DN	2
6PE, 5PI	1

1230C mentions that in his opinion 2HD earns a much higher place on the list than that given it by others, and is, for example, well ahead of 2UE and 2UW.

Radio Institute. The serviceman's corner has been extended, and this time is illustrated with sketches which should prove of great interest to radio servicemen. The "Radio Times" offers a prize of 10/6 monthly for the best case sent in by servicemen, and this month's winning one sets a high standard.

THE DX section should fully satisfy members of the club. In addition to the very comprehensive district notes, there is the monthly mail, and two important announcements, one concerning the dx badges, and the other respecting the club president. All dxers will be indeed interested in these announcements, and they are advised to see the "Times," because the points mentioned there vitally affect their interests.

Generally speaking, it may be said that this month's "Radio Times" is fully up to the very high standard which has been set by the past issues, and judging by the response received by the others, this one will find a very quick sale. The price is 9d. from all booksellers and dealers or direct from the office, Box 1032, Wellington.

Radio Servicemen's
Exam.

Successful Candidates

THE following list of successful candidates has been received from the Registrar of the R.S. Exam. The passes are subject to confirmation:—

Aldous, Chas. Fellows; Anchor, George Spencer; Anderson, Alfred John.

Barnaby, Neville Stedman; Beasley, Leslie Chas.; Beddingfield, Douglas Laurence; Beswick, James; Binns, Leonard Frederick; Black, Eric Randolph; Borham, Ernie Beaven; Bowers, Lindsay Gordon; Buchanan, David William; Bull, Norman Edwin; Bullock, Jack.

Cheshire, Arthur Herbert; Collins, Albert Percy; Bence, Connor, John Reginald; Crabtree, Aubrey William; Cunningham, Noel Raymond.

Daniell, Reginald Arthur; Davies, Maxwell Alfred; Demsen, Geoffrey William; Dixon, John Heslop.

Etheridge, Henry George.

Firth, Edward Thomas; Fisk, Claude Proctor; Foord, Richard Batchelor.

Glassey, Robert Burns; Goodman, Samuel Henry; Gosling, Samuel John; Griffiths, William Hart.

Haggitt, William Herbert; Harlow, Frank Ernest; Hoy, Ronald Arthur; Holland, Anthony Wilfred.

Hillingworth, Wilfred; Isherwood, John Clifford; Jamieson, John Clifford Esmond; Jones, Benjamin Stanley.

Kenah, Gilbert Parsons; Kingsley, Byrne Wellesley.

Larking, Maurice James Wilton; Larson, Harold Arthur; Lawson, Sefton Charles; Leicester, Raymond William.

McConnell, James Raymond; McDonald, Alfred Hector; McGowan, Edward Vass; McLennan, Meredith Charles; McPhee, Edwin Alan; Marriott, Edmund Henry; Mason, Philip Deane; Megann, Arthur Bromley Cunningham; Michie, Arthur James Hunter; Morrin, Eric Carsley; Morrison, Colin William.

Patterson, Ian James McLean; Piesse, Alfred Reginald; Philippott, Leicester A'court; Pringle, Ivan James Joseph; Purcell, John William Lionel.

Riggs, Reginald Wilmington. Schrader, Walter Robert; Searle, Henry George; Seccombe, Allen Raymond; Seddon, Paul; Shield, James Wright; Smith, Wallace Trevor; Smyth, James Andrew; Spackman, Bernard Clarence Walter; Spiers, Maurice Edward; Stewart, John Douglas.

Taylor, John Barker; Taylor, Raymond Jack; Todd, Edgar; Todd, Victor Baden; Trenworth, John Henry Leedham; Turner, John Nelson; Turvey, William Alfred.

Udrill, Eric. Watkin, Raymond Alan; Webb, Alfred Alexander; Webber, William; White, Percival Sydney; Whitehead, Alfred Charles; Whiteley, Arthur James; Whittaker, John Moore.

World Radio News

THE world's greatest problem, i.e., what to do with old razor blades, seems to have been solved by Mr. H. Steanson, a Newcastle wireless experimenter, who, according to Press reports, has constructed a one-valve set which incorporates sixty-three blades and receives five stations. The blades are used as condenser vanes.

IN Russia, with a view to popularising the broadcast programmes, the Soviet authorities have cancelled the listening tax and owners of receivers are no longer required to declare them. According to a recent communiqué, the Soviet Union now controls fifty-five broadcast transmitters with power ranging from 2 to 100 kilowatts.