

the usual cures failed to eradicate it. Ultimately, I remedied it by connecting up a .0005 mica condenser between aerial and earth. The set operates now with full screen and plate voltages entirely without any instability whatever. That the sensitivity has not suffered can be gauged from the fact that sixteen Europeans can be tuned in during the early daylight hours and 65 stations are available at good strength by 9 p.m. in the evening. Why was the method I discovered for curing the instability successful?

A.: Evidently the coils you are using have high impedance primaries, and by connecting a .0005 mfd. condenser across the aerial primary you have added sufficient extra damping to the first tuned circuit to cure the instability. A small proportion of the signals would be bypassed to earth, but this would be of small account if the set was stabilised in consequence.

"STUDENT" (Auckland): Is it legal to connect the mains straight on to a rectifier without using a transformer?

A.: In the case of a.c. mains, no; d.c., yes.

2: If in servicing a set a serviceman has to replace some parts for which he has to charge, is it necessary for him to have a dealer's license?

A.: No.

N.A.T. (Wairoa): I have an eight-valve commercial set which is not as selective as I would like. Could you suggest a remedy?

A.: As your set has five tuned circuits it should be fairly sharp, and so if it has a tendency to be broad it must need realigning.

"MAURICE" (Lower Hutt): By connecting the charger to your accumulator the wrong way round the latter would be run completely down, and if it were left in this condition for long, sulphation would result, largely ruining the battery. However, if you gave it a good charge with the charger connected correctly immediately after you discovered your error, there should be no ill effects.

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DX Topics

(Continued from page 40).

ested in your letter, and details as to your location and receiver. You may happen to wonder how I verify reception for the C.B.S. They put on the programme for our Club at my request, and asked me to take on the job of verifying all reports for them, supplying me with their own paper and envelopes, so that the verifications would be official. You may realise what a job it has been when you know that I have had to type-write each verification myself, sign it, check the reports with the official log to be sure they were correct, and get them out as soon as possible.

"A personal note. I have been dxing for about three years, using a 9-valve T.R.F., 1929 model, and have at present 722 verifications in my log book, coming from 23 countries. I get a lot of fun dxing, but haven't any elaborate layout such as you. My aerial is merely a straight inverted L-wire, 125ft. long and about 30ft. high.

"I would be very glad to hear from you at any time, and later on, after I have caught up on the verifying and have the March 10 programme from WBOQ verified and completed, I shall be glad to send you more complete "dope" on myself and dxing. Thanks again for the very fine report. Sincerely yours—Philip R. Nichols, V.P., Newark News Radio Club."

Within the last month I have received four letters from people in France, requesting exchange of postcards, etc. It appears that the names and addresses of all dxers reporting to Strasbourg, are published in the "Strasbourg Radio Journal." One letter was from a priest, and another from a school mistress, so one gets quite a variety in dxing.—"Sunny" (Alexandra).

VK5SW Heard in N.Z. For First Time.

CONDITIONS for dxing have greatly improved this last month. Americans, Europeans, and Australians are coming in at excellent strength, although the Chinese stations have decreased considerably during the last three weeks. VK's are getting back to their winter strength, and quite a few new ones have been heard.

Some of my latest loggings are VK's 5RL, 5SL, 5WJ, 5SW, 4JJ, 3TA, 3JT, 3DW, XHGG, XMEC, XQHA, VUB KIDO, on a DX programme, March 20, XELO, a new Mexican, and 2TM, Tamworth, 1500 k.c., a new Australian station. VK5SW stated that he has not yet received any reports from New Zealand.

Loggings have been better than verifications, only 2GN and XEMO received back lately.—63S. (Invercargill).

Loggings and Verifications.

CONDITIONS here are steadily improving, but static and power noises are severe at times. If these were to decrease there would be some good loggings. Some of the powerful Americans can be heard at 6 p.m., and at 7 p.m. some of the Mexicans can be heard.

Recent loggings are, WFLA, KERU, WGN, WGBF, WEA, WJZ, WMO, WABC, WKY, WWJ, WDAY, and WRO. Verifications to hand lately are from, KFPY, KVOO, KTSA, KFVD, WTMJ, WGBF, KDKA, KWJJ, KTHS, and VK2ZF. WTOC sent some interesting information about his station, but he did not send a verification.—2SW (Marton).

Carry On With the Good Work.

NEW ZEALAND must be the keenest DX country in the world, judging from

the reports and acknowledgements heard from Australian radio stations.

In this connection there is a rather ugly rumour abroad that Australian experimental amateur stations are not acknowledging DX reports when stamps or reply coupons are enclosed to cover return postage. I hope this is just an idle rumour, and not an established fact.

Having no direct evidence of DX reports being ignored by amateur stations on test transmissions, all I can say is carry on with the good work, New Zealand DX clubs.—Yours truly, Gilbert S. Hayman (Bronte, N.S.W.).

Shortwave Club Notes

From the Secretary's Pen.

(By A. B. McDonagh, Sec., N.Z. S.W.C., 4 Queen St., Wellington).

MR. H. I. JOHNS, who has been visiting Wellington, has been assisting at Club headquarters. He has now returned to Wanganui and will take charge of club activities for the district. Mr. Johns' address is 45 Abbott St.

WE are now commencing a campaign for 200 new members with a view to extending the work, enlarging the "Shortwaver" and completing the equipment of the club's radio station. The members' year commences on receipt of the annual sub. of 5/-.

IN view of recent correspondence I have found it necessary to state that the N.Z.S.W.C., coupled with the DX Club and the N.Z.A.R.T., have not, as radio societies, been antagonistic to the Broadcasting Board.

Note to Correspondents.

WOULD contributors please note that shortwave logs sent in for publication are of very little use to readers unless they are of recent date?

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