

Pozan, EAJ15, Valencia and VK's 3KE, 3GZ, and 5MW.

WDAG, Amarillo, Texas, was on a test programme on Friday, October 26. Did any other dxer hear this test? Dxeers who have not logged WDSU (1250 k.c.) and WSMB (1320 k.c.) should try for these stations on Sunday till 7 p.m.

Verifications to hand are from WCBO, WDAE, WMBL, WDSU, KSTP, 1N7PJ, XEW, JOSE, JOJK, 4AY, 6KG, and VK's 2DX, 3HF, 3YJ and 4JJ.

VK4JJ, Bundaberg, states that my report was the first one from New Zealand, and that he would be pleased to have reports from members of our club. His address is Jim Jordan, c/o Wyper Bros., Bourbon Street, Bundaberg, Queensland. —164A (Morrinsville).

VK3CH Would Like Reports.

IN a recent mail I received a verification from VK3CH. This station was not very good at replying, and his friend, Mr. H. James, VK3LH, was answering the reports for him. I sent my report to VK3LH and asked him to check it up and send me VK3CH's card. In reply I received from Mr. Harris himself four cards and two photos of his station. On one card he states: "Dear O.M.—Many thanks for your kind reports. By jove, you have a fine lot of DX listeners over there. I have appreciated the reports from there. I have just sent 150 cards and photos to the reporters, so will you extend my thanks through your journal and say that I hope every listener who receives 3CH gets his card and photo off this pink heap here. I have been nine years on the air. I would appreciate further reports from over there from your gang of men friends who listen to the VK's. 73, and best of DX luck for 1935.—Alf. Harris."

VK3CH works on 1240 k.c., and is being well received here on Monday mornings. He states that he has sent a total of 217 cards to New Zealand, and 4863 all told to various countries.—2HQ (Timaru).

Wellington Branch Meeting

NINE members, 157, 177, 201, 213, 226, 232, 233, 238 and 240 were present on October 30.

A very interesting discussion on reception, aeriels and earths took place and occupied most of the time. Some good verifications were produced and despite conditions at present, dxers are still writing out reports. A talk has been arranged for the next meeting which takes place on November 13, F. J. Reeves (Branch Sec.).

Questions and Answers

(Continued from page 43.)

this will make an appreciable difference to the hum level.

C. II. (West Coast): If the dynamic speaker you have on hand is of the permanent magnet type, then it would give good results with your set.

"INDUCTOR" (Owhango): I would like to add a "B" class amplifier to my battery set. Could I use my present speaker, and if so, what type of output transformer would I require?

A.: A Radiokets 3-8 class "B" pushpull output choke would be most suitable. Each end of the winding should be taken to a

plate of the 19, and also through a .5 mfd. fixed condenser to one of the speaker terminals. The centre-tap connects to "B+."

M. I.S. (Papakura): Your short-wave converter is apparently wired up correctly. The trouble seems to be that it is not oscillating. Try connecting a fixed condenser of .0001 mfd. to .0003 mfd. from the junction of the r.f. choke and the 50,000 ohm. voltage dropping resistor to the screen, to earth. If oscillation is too fierce with the largest condenser specified, the value should be reduced. Also, have you tried reversing the connections to the reaction winding?—This is often the cause of non-oscillation. The dial you are using should be quite suitable.

R. D.C. (—): It would not be worth while converting your set to an all-wave model. It would be better to use it in conjunction with a short-wave converter. D.C. operated short-wave converters would no doubt be available from Auckland dealers. If you cannot obtain one, however, there is no reason why you should not use a battery-operated converter such as that described in the August "Radio Times."

L. F.C. (Auckland): Full constructional details of an excellent short-wave converter which would work well with your seven valve a.c. set appeared in the July "Radio Times." The total cost of a kit of parts is also given.

"F.G.MONT" (Midhurst): What are the capacities of nine and eleven plate tuning condensers?

A.: You have not specified the size of the plates, or whether they are double-spaced or not; however, assuming the condensers are of the usual type, the capacities would be approximately .0002 and .00025 mfd. respectively.

2.: In my set, would the use of a three-gang condenser with an oscillator tracking section be of any advantage?

A.: None whatever. The use of one would necessitate a special oscillator coil of a type not procurable commercially in New Zealand.

W. G.C. (Ohura): All the valves in your set could be replaced with two-volt ones. We advise you to write Philips Lamps, Ltd., Wakefield Street, Wellington, for information regarding replacement types. To add class "B" to your set, it would be necessary to omit the pentode output stage at present in your receiver. The A415 could be substituted with a B217 to act as driver for a B240 output valve. The improvement in efficiency which would result in changing over to the latest two-volt valves, combined with the lower operating costs, would make the change-over well worth while.

"AJAX" (Auckland): What would be the simplest method of adding an amplifier to an existing two-valve battery set?

A.: You have not specified the types of valves you are using, but assuming they are both general purpose triodes, you could add a class "B" stage, as described in the January, 1934, "Radio Times," using your present output valve as the driver.

2.: What would be the simplest method of connecting a gramophone pick-up to my set?

A.: Your present set is not powerful enough for pick-up work, and volume would be very low. If you decide to add the class "B" stage, then the pick-up can be connected from the grid of either the detector or the driver valve to earth.

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