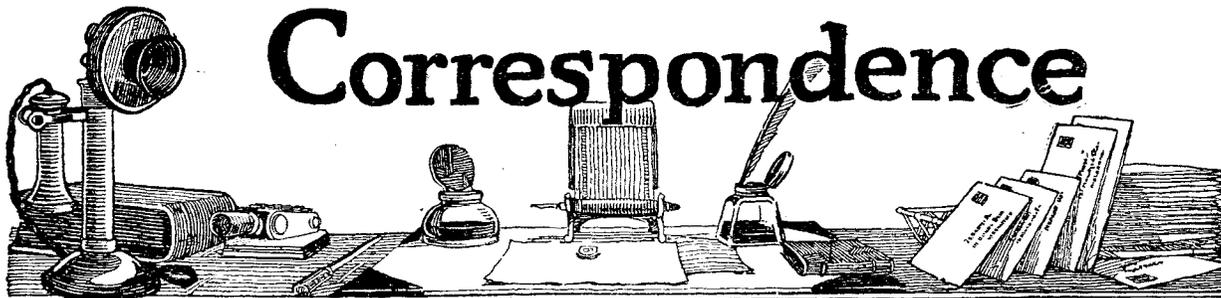


# Correspondence



## IS THIS A RECORD ?

SIR,—As you will remember, I sent you some of my results a short time ago which you published in No. 19, *Wireless Weekly*, but this time I should like to go further by asking you if I can claim a record for long-distance *overland* broadcast reception on a small frame aerial using four valves.

To give a description of apparatus and results I should like to point out first of all that my flat is situated on the bottom floor of a five-storey building and my set and frame are in the centre of the flat.

The set which gave the following results has nothing "super" about it, and was made entirely by hand, including the variable condensers.

The receiver, 3H.F. and rectifier :—  
Coupling between first and second valves tuned anode.

Coupling between second and third valves resistance capacity.

Reaction coil swings inside anode coil.

The frame, which hangs over the set, is tuned by a 0.0005  $\mu$ F condenser.

The results :—

On September 27 I received the whole programme from 5XX, which continued till 2300 hours G.M.T. and finished up with Big Ben striking the time signal.

On Sunday, September 28, I was late opening up on 1,600 metres, and at 2145 G.M.T. I tuned in 5XX and heard a vocal chorus which

finished after ten minutes.

2200 G.M.T.—A series of piping dots.

2205 G.M.T.—Weather report.

2210 G.M.T.—Latest news items, some of which I remember as being about Lloyd George speaking at Portsmouth. The American world fliers, etc. A fire breaking out in ? Hospital whilst three operations were taking place, etc., etc.

2215-2219 G.M.T.—Silence.

2220 G.M.T.—Hullo! 5XX calling, followed by next week's programme.

2225 G.M.T.—Good-night everybody.

All this came through very distinctly on the 'phones, and after reading all the reports in *Wireless*

# Radiola Crystal Receivers

These sets give perfect purity of tone, and, within reasonable distances all the necessary volume required for several pairs of headphones. Both receivers are enclosed in polished walnut cases with nickel fittings, and are as well-made, in every respect, as the most expensive sets.

## THE Radiola "BIJOU."

This is a highly efficient receiver at a moderate price. Tuning—by variometer—is perfectly silent in action. Telephony can be received within a radius of 20 miles and, under favourable conditions, over greater distances.

Price ... .. £2 2 0

## THE Radiola "MODEL A."

This set is provided with two crystals, and if one ceases to function, the other can be instantly switched into circuit. The normal range for telephony is 30 miles, but a greater range is possible under favourable conditions. The tuning is simple and selective.

Price ... .. £3 10 0.

B.T.H. 4000 ohm Head Telephones ... .. £1 5 0 extra.

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