

THE TRANS-ATLANTIC AMATEUR TESTS.

PRESENT ARRANGEMENTS.

AS previously announced in this magazine and in the daily press, arrangements have been made in the United States for the transmission of wireless signals by certain amateur stations for the purpose of obtaining communication with amateurs on this side of the Atlantic. The organisation in America is in the hands of the *Everyday Engineering Magazine*, and amateurs entering the contest are required to limit their transmitter input to 1 kW (measured at the source of power supply), transmission being effected on a 200-metre wavelength. In order to prevent overlapping, a definite schedule will be adhered to, and under present arrangements transmission will take place at 3.15 a.m. G.M.T. on February 2nd, 4th and 6th.

In England the arrangements are in the hands of Mr. Philip R. Coursey, B.Sc., Assistant Editor of the "Radio Review," and wireless amateurs who wish to take part in the tests are asked to communicate with him at 12 and 13, Henrietta Street, W.C.2.

PRIZES.

In order to encourage amateurs to put their best efforts into the reception of the American signals, the following firms have generously offered the prizes detailed below:—

Messrs. Burnham & Company.—A three-valve amplifier to the most successful amateur. Should no competitor succeed in receiving the signals, the prize will be awarded for the best description, published in *The Wireless World*, of apparatus used in the attempt.

The Dubilier Condenser Co., Ltd.—Condensers to the value of £10 to the most successful competitor. Precise details of the condensers awarded will depend upon the choice of the winner.

Messrs. H. P. R. Wireless, Ltd.—The

H.P.R. Universal Receiver, having a wavelength range of 400 30,000 metres, to be awarded to the winner of the competition if he succeeds in picking up the signals on one of the new short-wave receivers now manufactured by that firm.

Messrs. Halliwell & Good, Ltd.—Goods selected from their catalogue to the value of £30, provided that at least one piece of essential apparatus used has been supplied by them.

The Marconi Scientific Instrument Co., Ltd. A first, second and third prize of a selection of apparatus to the value of £25, £15 and £5 respectively, and, in addition, six consolation prizes of Marconi "V24" valves.

IMPORTANT NOTICE.

At the time of going to press final details of the arrangements and schedule of times have not yet arrived from the United States. In view of the fact that the next issue of *The Wireless World* will not be published until after the tests have been conducted, further particulars will be sent by post to those who have enrolled their names with Mr. Coursey.

Should amateurs be successful in their reception of the American signals, it is essential that they send to Mr. Coursey—

- (1) Complete timed log of all signals received with estimated relative strengths;
- (2) Full particulars, circuit diagrams and, if possible, photographs of the apparatus used;
- (3) Precise location of the receiving station, with particulars of surrounding country (presence of trees, hills, rivers, coast-line, etc.)

Full particulars of the successful station or stations will be published in a forthcoming issue of *The Wireless World*.