

TRANSATLANTIC TESTS FOR AMATEUR RECEIVERS

erection of an installation at the Club room, and also for a portable set; the latter not to be moved outside a radius of twenty miles. The membership book shows a total of 38 members and the Hon. Secretary, Mr. J. Bever, 85, Emm Lane, Bradford, would be glad to supply all information to whomsoever this report may have excited interest.

Co-operation wanted at Portsmouth.—With a view to forming an amateur wireless club at Portsmouth, Mr. E. Martin, Jnr., of 200, Lake Road, Portsmouth, is seeking the assistance and co-operation of other amateurs in the district. Mr. Martin is not only willing to offer his services, but is also prepared to furnish a sum of £2.2s. in starting a satisfactory Club amongst those wireless enthusiasts of Portsmouth, *noms de plume* of some of whom have appeared from time to time in our Questions and Answers columns.

Enfield Amateurs.—A reader of this magazine,

a resident of Enfield, has communicated to us a desire to form a Wireless Club at Enfield or in its neighbourhood. Observing no less than three amateur aeriads, all within proximity to his own, he is of the opinion that there is much which could be discussed between their owners with good advantage to all. Interested readers will please communicate with Mr. Geo. E. Barsham, 43, Landseer Road, Bush Hill Park, Enfield, N.

Amateur Call-signs.—A number of enquiries have reached us concerning the identity of certain wireless stations, the call-signs of which are unknown to us. For the purpose of answering these enquiries where possible, and as a guide to other amateurs, will the readers of this paragraph who are in possession of transmitting licences kindly forward their call-signs to us for our information and the benefit of the "Questions and Answers" column.

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THE steady monotony of receiving routine stations and signals which have no bearing on the amateur advancement as a whole, is to be pleasantly substituted by work similar to the early experiments of bridging the Atlantic in the '90's.

A number of American amateurs who have stations of various types along the Atlantic Coast are anxious to co-operate with British operators of receiving sets in this country, to establish a long distance amateur record.

Those American operators who have established communication over distances in excess of one thousand miles with a transformer input of 1 k.w. or less, would now like to make transatlantic tests with the assistance of one or more English experimental stations equipped with very sensitive receiving apparatus.

The champions of spark transmitters believe that they can cover the distance with 1 k.w. sets, while those who have vacuum tube transmitters are equally sure that it can be done as soon as cool weather, with the reduction of static, sets in. Amateurs in this country who are willing to make the attempt are requested to communicate with Mr.

M. B. Sleeper, Radio Editor, *Everyday Engineering Magazine*, 2 West 45th Street, New York City, through whom arrangements will be made with those experimenters who wish to attempt the transmission.

That the project is not impractical is shown by the degree of efficiency attained by the English developments in high amplification and the success of the American experimenters with their transmitting equipment. The accomplishment of this feat, with an input not exceeding 1 k.w., will create tremendous interest in amateur activities. It will bring about an increased mutual interest between the radio men of the two countries, and will be an achievement for the experimenters comparable to the first commercial transatlantic communication.

We would point out to the amateur the immense interest such tests as these are able to afford, and hope in all sincerity that no stone will be left unturned to bring the experiment to a successful issue. At the conclusion of these transocean tests we will be pleased to receive photographs of the first successful apparatus, together with its description, for publication in the *Wireless World*.