

of the communicating points moved relatively to the other. To-day it is rapidly becoming so essential that soon no home will be complete without wireless.

One convincing experience based on years of daily association is that it is utterly beyond the capacity of the human mind at the present time to suggest the ultimate end of wireless development. The transmission of power by ether waves is almost sure to be an early development. Illumination of houses and streets is by no means remote, and electric motors in factories, energised by radio transmission, is not far ahead of us to-day, as we are ahead of the wireless of ten years ago. The problem of wave-lengths is being solved, and it is now possible for a station to receive two waves of practically similar frequency, and separate them after reception—thus the threatened limitation of wireless communication through overlapping wave-lengths is being mastered. Slowly but surely the difficulties are being surmounted, but, as with the fabled donkey, the "carrots" will always be just out of reach.

7AA, the well-known Hobart experimenter, has again been making a name for himself in DX work. Recently he conducted a series of remarkable DX experiments on short waves, in the course of which he succeeded in getting into touch with 94 American transmitters within the space of 3½ hours.

All the stations were carefully copied in 7AA's log, so that there was no possibility of an error having occurred. Most of the stations were situated in U.S.A. territory, but two Canadian and two Mexican stations were also heard.

The complete list is as follows:—1KC, 1LW, 1AAC, 1KJ, 1ARE, 1HL, 1AYU, 1CMP, 1PL, 2AAV, 2BZR, 2CVU, 2BRD, 3AB, 3CHG, 3GM, 3AU, 3AUV, 3CHG, 4OA, 4TJ, 4FG, 4BQ, 4FS, 4SB, 5UK, 5AMW, 5AHD, 5ALR, 5CN, 5OD, 5QY, 5UX, 5NW, 5IN, 5RHL, 5RH, 5ZL, 5AFU, 6AKW, 6ZP, 6AWT, 6ADT, 6LJ,

6BLW, 6TRJ, 6CGO, 6ARB, 6BON, 6KA, 6TJ, 6BWN, 6CTO, 6AJI, 6OI, 6BJX, 6GT, 6VC, 6AHP, 6AO, 6CGW, 6AME, 6PD, 6SLO, 6CN, 6GG, 7RZ, 7AR, 7PM, 7AFN, 7ZZ, 7BJE, 7LN, 7JQ, 8BU, 8TU, 8CYI, 8XAV, 8DGP, 8NG, 8CY, 8CK, 8BAU, 8CYI, 9BFG, 9AL, 9HK, 9CJC, 9EFZ, 9DQU, 9DQ, 9HT, MBX, NKF.

The station NKF announced that it would shortly commence a series of tests with the oscillating crystal. As this will mark a new departure in wireless development, Australian experimenters should get to work and see what they can do in the way of reception.—(Ed. Radio.)

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