

made per medium of radio telephony will also appeal to business men.

Socially, the air will be used a great deal, it is thought, at any rate from the Australian end, as conditions of living are better there, and the price of the message is not such an important matter as it might be in England.

#### Wonderful Possibilities.

UNDREAMT-OF possibilities, making for unforeseen amenities, are opened up by the radio telephone service between Sydney and London.

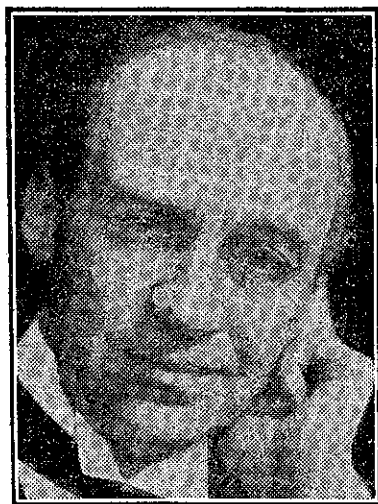
From an Imperial point of view, the linking up has a value that need not be stressed, and it has a social bearing that will in turn affect travel and family communications.

With the inauguration of the long distance telephone service in the Dominion, it has been possible for members of families to keep in contact with each other while on tour, and for business men to undertake trips with the certainty of immediate attention to their business at headquarter whenever desired.

This has undoubtedly enabled men, men filling important positions to take vacations they distrusted before such communication was possible. The same thing is expected to apply to overseas visits in the case of radio telephony. Heads of huge concerns may still personally direct action at a moment's notice, provided that the countries they visit are linked up by telephone by air. The traveller is no longer isolated in the case of emergency, and travel is expected to become more popular. Even though it be some time before New Zealand is linked direct to England for conversations over the air, the proposed link with Australia will shorten communication.

#### Projected Service for New Zealand.

IT now appears certain that within two or three months a similar service will be established between Syd-



Professor Lees-Smith, British Postmaster-General, who inaugurated the wonderfully successful England-Australia wireless telephone.

ney and Wellington. It is thus apparent that in the near future New Zealand will be in direct communication through Sydney with England, Western Europe, and North America—

a development which will play an important part in materially reducing New Zealand's social and economic isolation.

## Girdling the Earth

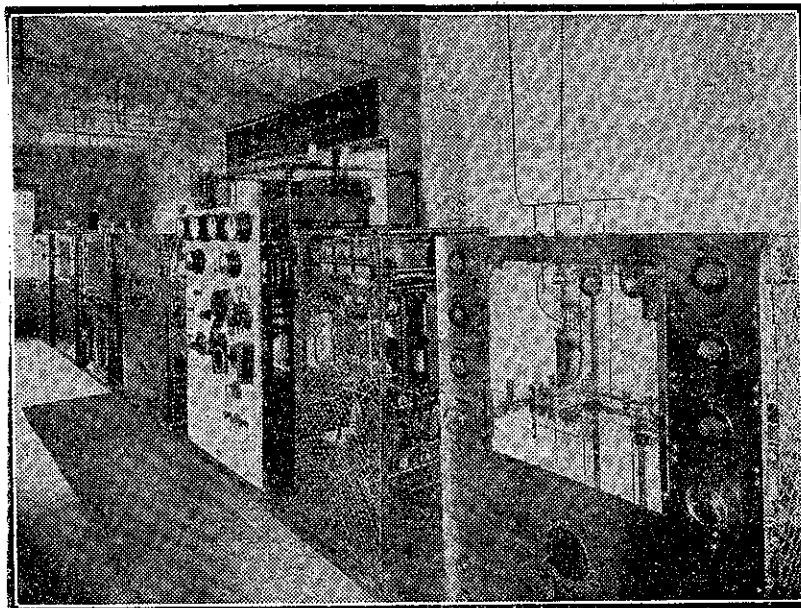
(Concluded from page 2.)

In connection with this proposal, Mr. E. T. Fisk, managing director of Amalgamated Wireless (Australasia), Ltd., while discussing the success of the radio telephone service, said:

"There is an even more wonderful age before us. The next radio telephone service which we hope to establish will be between Australia and New Zealand, which project now is under consideration. It is merely a matter of repeating the

tor panel, to permit of telephony. This has now been ordered, and, as indicated in the Prime Minister's message, will come to hand in two or three months' time. The new apparatus will embody all the latest discoveries and will be of the usual high A.W.A. standard.

With the opening of the new circuit to London, Australia will be able to push on with plans for direct radio telephone services with the United



The nerve centre that makes possible the two-way telephony service between England and Australia—2ME, Penant Hills, Sydney. A portion only of the interior of this great station is here depicted.

cess now in operation between Sydney and London.

"Then will follow a service between Australia, the United States and the rest of the world."

Apropos of this, Sir Joseph Ward stated recently that the Government of New Zealand had been in communication with the Australian Postal authorities since September last, and that negotiations are almost completed for the introduction of a radio telephone service between Wellington and Sydney. Most of the material is already at hand, and the balance is expected within the next two months.

Sir Joseph Ward said it was hoped that this telephone service will be of great assistance to business men in New Zealand, as it would enable any business man connected with a telephone in Wellington, and perhaps elsewhere, to communicate with any business man in Sydney. It was also hoped, he said, that later those who wish to communicate with London could be switched through at Sydney to the new telephone service which was opened the other day.

Amplifying the announcement made by the Prime Minister, it can be stated that the greater part of the apparatus necessary for the installation of the service with Australia is already installed at ZLW, Tinakori Hills, Wellington. The new apparatus required to be installed consists of a modula-

States, Canada, and also Europe. Work in these fields is already in progress, and it is anticipated that successful inauguration will be possible in the course of a few months. Thereafter the only parts of the world with which Australia will be unable to communicate will be China, South Africa and South America, with which countries there has not so far been a demand

for development. Participation in these services will be available to New Zealand through the new radio link.

#### Amalgamated Wireless (A'sia.) Ltd.

PERHAPS it would not be out of place to mention a few words about the organisation whose initiative and enterprise were directly responsible for the linking of the two hemispheres by the spoken word. As early as 1927 the Beam wireless service between Australia and Europe, owned and operated by Amalgamated Wireless (A'sia.) Ltd. was opened for commercial traffic, and almost immediately leapt into public favour.

The establishment and maintenance of this nation-wide service was carried out under the supervision of Mr. E. T. Fisk, managing director of A.W.A. Mr. Fisk has, largely by his own efforts, built up the A.W.A. into one of the largest, up-to-date and most efficient wireless organisation in the world. This company has controlling interests in practically every phase of wireless in the Commonwealth, ranging from the Beam feeder service to the trawler telephony service for communication with fishing boats off the New South Wales coast. Located at Ballam, about 50 miles north-west of Melbourne, is the Beam wireless transmitting centre from which messages are flashed to Europe, England, and North and South America.

#### Conclusion.

IT is apparent that sooner or later, wherever there is a telephone, it will be possible to communicate without hindrance or loss of time with any portion of the globe. It is almost impossible to imagine the world without telephones. Business has changed fundamentally through their use, and the present age is coming more and more under the sway of personal intercourse.

The extension of wireless telephony, with its present barely guessed possibilities, will undoubtedly turn what is at present almost a novelty into a normal procedure. It is producing a faster and smaller world, and there seems at least a reasonable hope that it will produce a better one.

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