

Radio News of World

A NETWORK of fifty-one police wireless stations distributed throughout France is provided for in the Budget of the Ministry of the Interior for 1930. The central transmitter will be the Eiffel Tower, says "The Daily Telegraph," and the calls will be made at an hour's interval during a certain part of the day. Photographs and finger-prints will be included in the transmissions. The receiving stations will be specially equipped for short-wave reception, and their duties will include watching foreign transmissions and searching for illicit stations.

ACCORDING to the B.B.C. at least 3,000 schools up and down the country are known to be taking one or more of the broadcast courses. Little information is forthcoming regarding the type of quality of the sets employed, though the B.B.C. engineers undertake to inspect sets and give advice when requested to do so. As an indication of the importance the London County Council attaches to broadcast lessons it is significant that steps are to be taken to ensure that only the best and latest design of receivers are to be used for the work, with power supply from the electric mains.

THAT broadcasting for love is a thankless task is the discovery of the Radio Club of Burma, which has received numerous complaints from Rangoon that its programmes do not come up to the expected standard. More in sorrow than in anger, the president of the club is asking the Government to erect a powerful station which can be heard all over the province. The Radio Club's transmitter has a power of only 750 watts, and funds are scarce owing to the fact that the club, unlike the broadcasting companies, draws no revenue from the wireless import duties.

WHILE Britain continues to dally with the project for an Empire broadcasting service, the United States has secured a new mouthpiece for national and commercial propaganda in Canada by the inclusion of station CKGW, Toronto, in the National Broadcasting Company's network. CKGW broadcast its first N.B.C. programme on the American Thanksgiving Day (November 28), and will in future relay to

Canadian listeners regular programmes from New York, Washington, and other cities of the United States.

THE research ship Discovery II, which has left London on a three years' voyage of scientific exploration in the Antarctic will keep in direct communication with Britain throughout the voyage by short and long wave transmitting and receiving equipment. A direction-finder and a quenched spark emergency transmitter has also been fitted. The short-wave transmitter is capable under favourable conditions, of world-wide communication; and to keep in touch with ships and shore stations over distances of 1,000 miles on wavelengths of 600-800 metres, a medium-wave transmitter of 1½ kilowatts power will be used. The receiving apparatus will enable the explorers to hear all the principal long and short wave stations of the world, while for purposes of navigation the direction-finder will be of particular value, especially in Polar regions where the ordinary magnetic compass is subject to considerable errors.

TRANSMISSION tests with waves of three metres are referred to in the German amateur periodical, "CQ," which states that success on these high frequencies has been attained by Dr. Karl Store by means of a special arrangement of super-regeneration circuits. Transmitters and receivers functioning very efficiently on "the 3-3.10-metre waveband" are reported to be constructed with ordinary commercial apparatus, while a 2-metre wave is said to be attainable with the use of special valves.

CERTAIN French amateurs who are distracted by oscillators and other "anarchists of the ether" are considering the initiation of a campaign similar to that of the Dutch Radio Union. The sufferers in Holland are preparing for a systematised "day and night struggle" with all forms of radio disturbance, personal and otherwise. A permanent office has been established where complaints will be received and action taken under legal advice.

A UTOPIAN dream has been realised by the U.S. Bureau of Standards in the acquisition of Pleasant Valley, Fairfax, Vancouver, as an open-air radio laboratory. The site, covering 100 acres of abandoned pas-

ture land, is flat and relatively free from trees, and is believed to be almost ideal for its purpose, viz., the study of fading. Ordinary overhead aerials are to be dispensed with, the antenna system being limited to a vertical rod about 35 feet high and a number of direction-finding loops. To obviate "man-made static," the power line for replenishing batteries from the mains can be disconnected.

THE new Belgian Wireless Bill has passed successfully through the Chamber of Representatives, and is now awaiting the approval of the Senate. The Bill gives the postal administration complete control of broadcasting, which will be directed by a National Wireless Institute, operating two high-power stations broadcast in French and Flemish respectively. The council of control will include a number of independent personages, including four technical authorities, and will be presided over by the Belgian Postmaster-General.

THE number of wireless licences in England is growing at a more rapid rate than ever. Up to the end of November it had reached 2,914,521, an increase of 47,000 compared with October. The B.B.C. estimate that at the end of May this year one house in every three in the British Isles contained wireless receiving apparatus. The corresponding ratio in the United States of America is one in five.

IT has recently been decided to erect in Moscow a Broadcasting House, which it is intended will contain no less than twenty-seven studios. Acoustic control of each studio will be effected by means of movable wall and ceiling draperies. A laboratory for radio acoustics, electro-acoustics, and an experimental studio for phonofilms, television, etc., will also be housed under the same roof. There will also be a radio museum, an experimenter's exhibition, a library for books and music, a library for phonofilms and phonograms, a reading reference library, and the archives of broadcasting. On the engineering side there will be a large power-house, complete with several groups of machinery, including balancing systems, generators, rectifiers, and amplifying apparatus together with a large accumulator installation and control switch-board. Construction is expected to begin shortly, and completion of the building is anticipated within two years.

Send Parcels by Rail FASTER! CHEAPER! SAFER!

For parcels of all kinds—
—heavy or light, small or bulky, fragile or otherwise—the railway provides the best and most expeditious service. Parcels arriving by rail are delivered promptly to addresses in the principal towns.

Full particulars from any Stationmaster, Business Agent or District Manager.

All Emmco

PRODUCTS ARE FULLY GUARANTEED.

MADE BY ELECTRICITY METER MANUFACTURING CO., LTD.

Distributors for New Zealand:

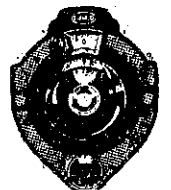
JOHNS, LTD., Chancery Street, AUCKLAND.

THOS. BALLINGER & CO., LTD., Victoria St., WELLINGTON.

L. B. SCOTT, LTD., Worcester Street, CHRISTCHURCH.

ADD TO THE EFFICIENCY OF YOUR SET EMMCO Vernier Dials will do this

Mello Metal, Oxy Copper or Silver	9/6
Same illuminated	12/6
De Luxe Bakelite	9/6
Same, illuminated	13/6
Standard Bakelite, Black or Mahogany	7/6
Velmo Dial	6/-
Baby Velmo	5/-
Black Panel Dial	5/6
Knobs, Black or Mahogany	1/-



VELMO