dxer recently asked for particulars of a number of American stations heard one evening, but no one replied to his queries, yet in both the "Radio Record" and the "Log" several dxers mentioned the splen-did reception of American stations en-joyed on the same evening. Dxers joyed on the same evening. Drers throughout New Zealand are greatly indebted to the help given them by Messrs.

#### European Broadcasters

Dxers who time into the European stations in the early hours of the morning will be interested in a 48-page booklet we have just in a 48-page cooklet we have just imported specially from England. The booklet, produced by "World Radio," contains a complete list of all European stations with notes on each. By these notes one can identify the station without knowing a word of the language. Frequency, wavelength, and power are also given. Space is left in the margin for dial readings and

any other notes.

The booklet is complete with short wave European stations.

A few only of these are available (price, 2/-), and dxers are urged to secure their copies immediately.

J. P. Cowlishaw, S. R. Ellis, N. Jenkins and a number of others, but I feel sure that many others could help.

I notice that one dxer has KTBS on his black list. In answer to a question of mine the manager of this station informed me that no application for verifrom New Zealand. I would suggest that this dxer write again, as apparently his letter has gone astray.—DX4OC (Invercargill).

ALCHYPROBATION TO ANGLE ANGLES (1911)

# A YEAR AHEAD---

1928 Electric Receiver. 1929 Dynamic Speaker. 1920 Jynamic Speake 1930 Screen Grid. 1931 Superheterodyne. 1932 Shortwave.

year ahead all the timethat's the "Ultimate"—the set that brings no regrets. Don't buy a radio until you have seen this wonderful receiver—a 1932 model ready now, in 1931.

# ULTIMA

SHORTWAVE and BROADCAST RECEIVER

British Construction

There is an "Ultimate" Distributor in every part of New Zealand. If any difficulty in securing information or demonstration, communicate with —

Factory Representatives:

C.P.O. Box 1778 - AUCKLAND. Quick Repairs Phone 22357

SWINSTER STREET

#### Power of WDAG.

LATEST verifications received are; KGW, Portland; KGU, Honolulu; and 2BL, Sydney (daylight). I also received a New Testament from WLAC, autographed by the minister. H.F.A. (Masterton); According to a late call book, WDAG is listed with power of 1 kw. Also just received a verification from KUOA, Fayetteville, 1390 kc. (216 m.).—DXIHB (Waipukurau). LATEST

### The November "Log"

#### An Enlarged Number

SINCE its inception the "Radio Log" has been steadily improved and enlarged, and this month's issue is easily the best yet. It has been enlarged to 32 pages and contains several new features.

"Countries We Listen To" is a feature which will be of interest to all those whose receivers take them beyond the local stations. It is proposed in this section to review all the principal countries that can be heard in New Zealand, outlining the history of their broadcasting and describing the main stations. This month we take Germany. This is of topical interest, as the two big stations, Muhlacker and Heilsberg, have been heard quite often recently. The article is complete with a broadcasters' map of Germany showing the situation of all German stations.

The next new feature is "How to Improve Your Installation." Month by month we propose to review the dxers installation, suggesting improvements that may be made. This month we consider the aerial and bring to light several points that most enthusiasts, we are certain, overlook.

Our Technical Section, the third innovation, will interest those who wish to tune their sets up to maximum efficiency. It is proposed not to deal with constructional items at length, but rather to have non-technical discussions

## A money back quarantee covers every purchase

Steel Wireless Masts, with Guywire Pulleys and 9in. Strainers.

31/6 set **VALVES** 

Philips B443 Penthode, 25/-. Now 18/6 each Post Free Philips A442 S.G.

Now 18/6 Post Free

10/6 each

Condor P.R. 41 4-volt .l amp., 5/6 Philips A409 UX Base, 5/6 10/6 each Philips A415 UX Base.

### **BOB HORROBIN** "Flashlight Corner" 2 Courtenay Place

WELLINGTON

on certain features of the set. This month the pentode valve comes under review, and dxers are told, in a simple manner, how it works, how to use it in their sets, and how to get good results. The shortwave section has been enlarged and this month takes in an illustrated description of that popular short-waver, Raido Saigon.

Other articles of interest are "The Origin and History of Call Letters," in which the American "K's" and "W's" are explained, the slogans of the American stations-a list of 150 or so of slogans covering the majority of the stations heard in New Zealand. This list will be of importance for reference purposes, in that it often happens that the slogan is heard but not the call

There is a dxer's map of New Zealand, in which is shown the location of all the New Zealand stations. "Monthly Mail" contains many interesting letters and a wealth of information picked up over the air by dxers.

The Call Section, as usual, contains large list of new and amended Q.R.A.'s and, in addition, there is a complete list of New Zealand stations, including the three shortwavers and a new list of American stations. list of Americans is unique in that it contains some hitherto unpublished (in New Zealand) information concerning the attitude of the stations regarding verification of stations,

schedules, power, chain connections, etc. This list is invaluable to dxers who tune in to trans-Pacific stations.

The November "Radio Log" is now on sale and can be obtained from almost any bookseller or radio dealer for 6d. Only a limited number are available, so secure your copy early.

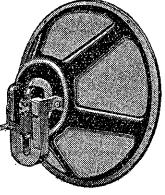
## DX Meeting

#### Alteration of Date

OWING to unforeseen circumstances the date of the esed meeting for dxers proposed has been put forward to Thursday, December 3. As a representative attendance is required, as many dxers as possible are urged to attend. The meeting will take place at the offices of the "Radio Record," third floor, "Dominion" Building, Wakefield Street, Wellington, at 7.30 p.m. on Thursday, December 3.

KNOW the time all over the world with a

DX Clock. 9d. Each, Posted. P.O. Box 1032, Wellington.



# The Standard Improved Farrand Inductor Dynamic Speaker

In construction and principle of operation the new Farrand Loudspeaker represents a departure from the Dynamic Speaker as known up to the present. Unlike the old Dynamics the Inductor utilises one U-shaped magnet to supply its fixed magnetic field, instead of requiring some external field-energising source. In place of the usual moving coil the armature is of moving iron and is composed of two separate bars connected by tie-rods, each bar working between its respective pole faces.

Space does not permit of a full and complete description of the new Speaker but, according to leading engineers of the industry who have investigated the Speaker, it is destined to supplant other types even more completely than the Cone-type Speaker supplanted the Horntype Speakers a few seasons ago. Ask your Dealer for free copy of pamphlet, giving full information in regard to this new Speaker.

# Standara

Telephones and Cables (A/sia) Limited.

Head Office; G.P.O. Box 638, Wellington, Auckland: G.P.O. Box 1897.

South Island: L. B. SCOTT, LTD., Christchurch,

A11.19.81