## Notes on Reception

TXCEPT for some very severe static, conditions have improved recently.

There is plenty of variety "on the air"
from all continents, and twenty countries.

Most of the latter were heard on Satur-

The countries heard during the week were: England, France, Germany, Holland, Morocco, Russia, Philippine Island, Indo-China, Siam, Java, Australia, Suva, Canada, United States, Honduras, Costa Rica, Argentine, Mexico, and New Zealand

### Log for Week Ending January 17.

RV15, Siberia, 70.1 metres.—Every evening at good volume, but plenty of

59 metres (about).—Saturday midnight, music and talk R8. Static too bad to be

WX9F, Chicago, 49.83 metres,-Good

volume after 5 p.m.

PK3AN, Java. 49.70 metres.—After midnight Saturday RS. Static very bad.

49.4 metres (about).—This station starts at 6 a.m. each morning, at varying volume, but I have not been able to iden-tify it. It has either been too weak or, if loud enough, static has spoilt reception. Each morning at 6.30 a.m. a time-signal is heard similar to Greenwich, that is, six dots. This station may be W9XAA, but the speech is not the typical American.

W8XAL, Boundbrook, N.J., 49.18

metres.—Splendid volume and quality till 6 n.m. each evening. W2XE, New York, 49.02 metres.—Sun-

ware, New York, 49.02 metres.—Sunday and Saturday very weak at 5 n.m.
Saigon, Indo-China, 49 metres.—Was heard on Thursday, Friday and Saturday from 11.30 p.m. Very good volume. Their native music is very weird.

Waxk, Pitisburgh, 48.86 metres.—Sunday B.5 t. 5 a.m. with a healtround of

day R5 at 5 p.m. with a background of

KIXR, Manila. 48.80 metres.—Sunday, Tuesday, Wednesday and Thursday from 10 p.m. Volume good, but too much static for good reception. There was not any sign of KIXR on other evenings.

HRB, Honduras, 48.62 metres.—Saturation

day, from just audible at 4.30 p.m. increased to R5 at 5 p.m., but was very

45.4 metres (about).—Good volume each morning, going off to just audible by 7.30

2ZJ, Gisborne, 45 metres (about).—At 4 p.m. Saturday records at RS. quite

1ZR, Auckland, 44.8 metres (about).—A harmonic of this station, but heard on Sunday morning till 10.25 a.m. at R8 broadcasting a church service, and again during the afternoon.

MAKE YOUR SET COMPLETE By Adding one of-

#### Mack's Famous Short-wave "ADD-A-PHONE"

It Performs Excellently on all Types of Sets, and can be used independently.

#### Many Users Testify

As to its Performances, as can be seen from the numerous letters on our files.

CALL AND INSPECT this Wonderful Little Set.

Built by-

#### MACK'S RADIO SERVICE

76-77 KENT TERRACE 'Phone 23-448. WELLINGTON decementation of the second



Sunday and Saturday afternoons. The Radio Keith Orpheans were good on the Nucleus of N.Z. Organisalatter day till 4 p.m. Also Tuesday and Wednesday evenings, records at R8, sta-

Zeesen, Germany, 31.38 metres.—Each morning, but very weak except on Friday, when they were R8 at 6 a.m., soon reducing to very weak.

WIXAZ, Springfield, Mass. metres.—Saturday, reaching R7-8 by 4.30 p.m., when they signed off, PCJ, Holland, 31.28 metres.—Thursday,

NRH, Costa Rica, 30.5 metres.—Saturday, 2.45 p.m., R5, very gushy, a trifle better at 3 p.m.

LSX, Buenos Aires, 28.9 metres Saturday, very gushy at R7 at 1 p.m. 28.9 metres.

G5SW, Chelmsford, 25.53 metres,— Each morning, except Sunday and Mon-day, weak with rapid fade.

12RO, Rome, 25.40 metres.-This station has been wandering on its wavelength the last few days. Tuesday and Saturday they were on 25.4 metres, Monday about 26 metres, and Thursday down to 25.2 metres—just below W8XK instead of just above.

W8XK, Pittsburgh, 25.25 metres.—Each

morning, but very weak.

FTN, Paris, 24.46 metres.—Duplex each evening with Rabot after 10 p.m. Always good volume.

PLM, Java, 24.46 metres.—Saturday from 11 p.m. till 11.30 p.m., Children singing. These items were yery enjoyable, received at R9. Kootwijk was called and spoken to at 11.30 p.m., after which the children were heard again. Later they were follows to Ametodom. 

children were heard again. Later they were talking to Amsterdam.

Rabat, Morocco, 23.86 metres.—Each evening duplex with FTN. On Friday at 10.45 p.m. the "Radio Maroc," shortwave broadcast station, was heard from 10.45 p.m. Music was R7, but talk much weaker. The word "Rabat" was heard in the call. At 10.50 p.m. after an item, a whistle was heard followed by the call and talk. The wavelength is just below the duplex station and is scheduled as daily from 9 p.m. till 1 a.m., N.Z. summer time.

CJA. Drummondville, Canada, 23.7

CJA. Drummondville, Canada. 23.7 metres.—Saturday, 10.20 p.m., RS, talking to London.

XDA. Mexico, 20.5 metres.-Mornings.

starts soon after 7.30 a.m. All talk, strength varies,

VPD, Suva, 20.3 metres (about)—
Sunday morning from 10.15 p.m., calling "Hullo" and continuing. 2ME called Suva a number of times, but could not

W2XAD, Schenectady, 19.5 metres, Each morning, but not above R4.
PMC. Java. 16.5 metres.—Friday, after

11 p.m. duplex with Holland. R8.
PCK, Holland, 16.3 metres.—Tuesday,
Wednesday, Thursday and Friday. Re-

SHORT-WAVE listeners throughout Zealand will be interested New learn that the nucleus of a rt-wave club has been formed club has been to the country of the short-wave Wellington. This organisation is embrace the whole of the counin PCJ, Holland, 31,28 metres.—Thursday, er alike. Its aims, as outlined at a pre-friday and Saturday mornings, volume poor, except Saturday, when R8 was reached at 7.30 a.m., spoilt by rapid fade. afford opportunity to experimenters and on Saturday afternoon PCJ did not get listeners of meeting or corresponding and shove R3. usteners of meeting or corresponding, and to assist beginners in short-wave listening by showing them how to set about obtaining the best results. It is hoped to place before listeners talks and articles by leading authorities on the subject, to endeavour to educate them as to what is required in the way of reports on reception, and to arrange programmes for test. Such were the ideas of the convener of Such were the ideas of the convener of the meeting. Mr. A. B. McDonagh, a well-known short-wave listener.

At the preliminary meeting it was defi-At the preliminary meeting it was definitely decided to proceed with the club, and at the suggestion of Mr. Sellens, it will be known, at least for the present, as the New Zealand Short Wave Listeners Club. It was strongly emphasised by several present that the activities of the

club be given full publicity to listeners through the Radio Press.

The meeting was only a "private" one. Nothing definite, other than to proceed with the project, was decided, but arrangements were made for an inaugural meeting to be held in the near future. In the intervening period the club was to be made known to all interested, and suggestions would be received which at the next meeting would receive attention.

the next meeting would receive attention. Commenting on this topic, Mr. G. R. McCarthy remarked on the popularity of the "Radio Record's" DX columns, and of the "Radio Record's" DA volume, suggested that something of the same nature might be put into operation for the short-wave listeners. Furthermore, the short-wave listeners. Furthermore, the "Questions and Answers" showed clearly that listeners were becoming inshowed terested in short-wave work, and desired help. This must be the chief am of the club. This resolution was wholehelp.

heartedly agreed to.

Furthermore the club members should be taught to make out reliable reports on reception. Perhaps the amateur on reception. Fernaps the amateur transmitters would co-operate in the way of special broadcasts. Two members were deputised to raise the question at the next meeting of the N.Z.A.R.T.

Discussing the age limit, it was decided for the present to be a present.

Discussing the age limit, it was decided for the present to leave the question open. There might be suggestions forthcoming from listeners remote from Wellington. Due to the interest that ladies were showing in radio generally they should be welcomed into the club.

they should be welcomed into the club.
Until the general meeting, the date
of which could not be fixed, was held,
it would be necessary to elect a temporary chairman and secretary. The
meeting agreed that the former position
should be held by Mr. Sellens, whose fame as a short-wave listener was known all over the country, and that the latter position should be left in the capable hands of Mr. McDouagh, whose enthusiasm was largely instrumental in bringing the club into existence. It is to these two gentlemen that suggestions should be made. The co-operation of listeners be made. The co-operation of listeners outside Wellington is particularly sought, and all ideas will be discussed at the forthcoming meeting.

Letters should be addressed to Mr. F. W. Sellens, 7 Randwick Road, North-land, Wellington, or to Mr. A. B. Mc-Donagh. 274 Cuba Street, Wellington, They should be sent in as soon as possible, as it is hoped to settle the constitution of the club.

Among those present were Mr. Donald and Mr. L. Saunders, who were associated with Mr. McDonagh in the preliminary work.

# DE FOREST VALVES

"Made by the man who invented Broadcasting"

The right selection of radio valves makes an amazing difference in the pleasure you get from radio.

De Forest Audions have set the world standard They are made in the laboratories of Dr. Lee De Forest, inventor of the first radio valve.

Write for descriptive Leaflets.

## INTERNATIONAL RADIO CO. Ltd.

22 BLAIR STREET, WELLINGTON

Factory Agents.