

PCJ at 1 p.m. were R4, with slight gush. Volume increased to R9 by 4 p.m., when quality was much improved. Typical Javanese music was played during the special New Zealand and Australian session. The 29-metre station was heard again from 1 p.m. at R9, with "Hullos" and counting, at intervals, all the afternoon and during the evening.

7.15 p.m., when they "closed the circuit" till 02.00 Monday morning.

W3XAL at 4 p.m. were R5. W9XF were quite good from 4 p.m. at R4, increasing to R9 by 4.30 p.m., when an orchestra "from the world's most beautiful ballroom" was heard.

KIXR was gushy at R5 at 7.30 p.m. Later in the evening they improved, and

but also improved for the duplex talk.

We heard both sides of the conversations by putting 2YA on one speaker (received on a crystal) for Kingsford Smith, and the Australian speakers at 2ME by short-wave set on another speaker. This proved very satisfactory. A Fox Movietone was taken at Sydney of Charley Ulm greeting Smithy, which was staged for the purpose, as Ulm had already greeted Smithy some minutes before.

Conversations continued between W2XAF and 2ME till after midnight. RA97

were R9 at 11.45 p.m. Static was very bad.

THE long strip of a flash-lamp battery is the negative pole, and the short strip the positive.

* * *
THE smaller the condenser which is added to another condenser in series, the greater is the reduction of capacity.

Stations Heard During Week Ending June 29.

ZL2XX, Wellington, 62.8 metres: Each evening.

RA97, Siberia, 70 metres: Each evening except Sun. and Thur.

W9XF, Chicago, 49.83 metres: Saturday.

W3XAL, New Jersey, 49.18 metres: Sunday, and Saturday.

? ? 32.5 metres: Wednesday.

3UZ, Melbourne, 32 metres: Wednesday.

? ? 31.4 metres (about): Sunday.

W2XAF, Schenectady, 31.4 metres: Tuesday and Saturday.

ZESEN, Germany, 31.38 metres: Each day except Fri. and Sat.

KIXR, Manila, 31.3 metres: Each day except Monday.

PCJ, Holland, 31.28 metres: Friday and Saturday.

? ? 29 metres (about): Mon, Fri. and Sat.

NRH, Costa Rica, 30.5 metres: Sunday.

2ME, Sydney, 28.5 metres: Each day except Sunday.

GBP, Rugby, 27.7 metres: Each day except Sunday.

CJRX, Winnipeg, 25.6 metres: Sunday.

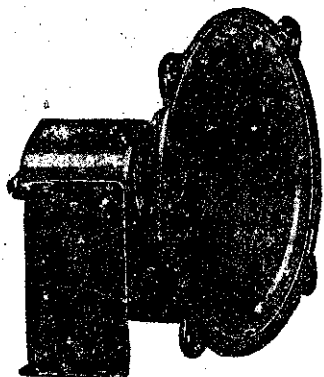
G5SW, Chelmsford, 25.53 metres: Each day except Mon. and Sun.

WSXK, Pittsburgh, 25.25 metres: Saturday.

W2XAF was heard from 1 p.m. for a few minutes at R5. When tried for at 1.30 p.m. they were gone. KDKA were R4 at 2 p.m., increasing to R7. GBP opened up about 1.45 p.m. by giving Sydney the latest cricket score. They were R9 then, and continued good strength till nearly 7 p.m., when they went off rapidly. 2ME were good from opening at the same time as GBP till

by midnight were R8-9. W3XAL were "on the air" at 9.45 p.m. to relay the Kingsford Smith talk to 2ME. They put on records while waiting, which were received at R9. A morse station started up and wiped out 3XAL before the feature of the evening commenced. W2XAF was R8 at 9.45 p.m., but very gushy, but improved quite a lot soon after. 2ME was R5, and spoilt by morse at first,

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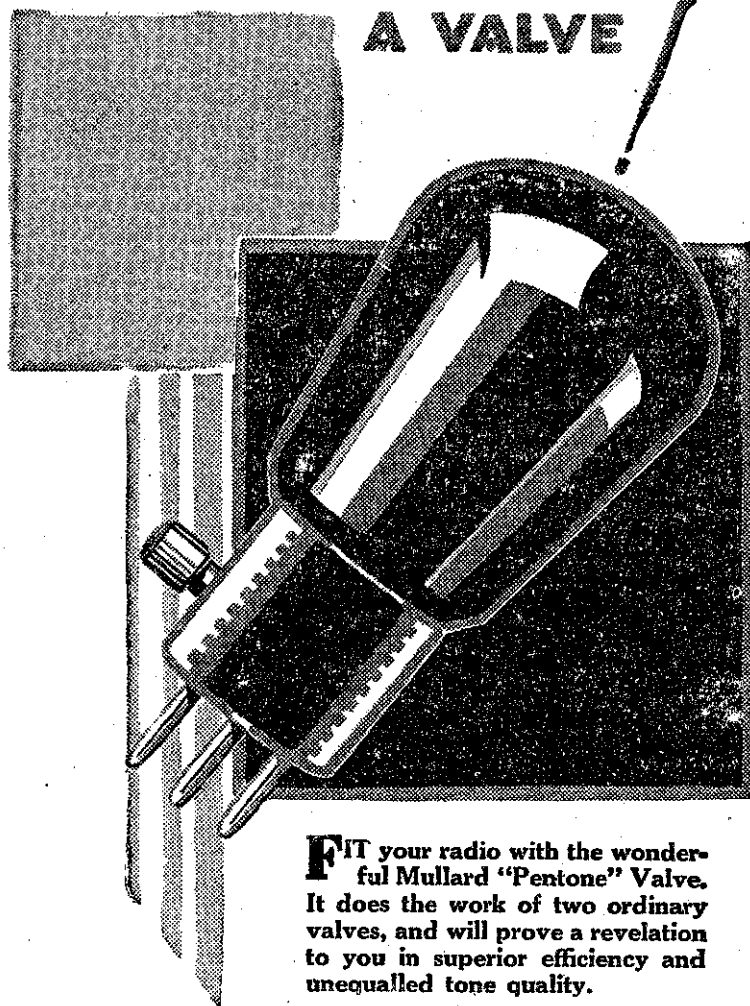
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