

wave broadcast station working on this wavelength, so it may have been this. 2ME and GBP at 7 p.m. were R9 and R5 respectively. RV15 at 9.15 p.m. were R8 when news given in English was heard. Static was too bad for good readability. KIXR at 10 p.m. was just audible at 48.8 metres.

Friday, August 22.

5SW at 5 a.m. was R5 and 100 per cent. readable. I got up early for the cricket score, but the only news given was "No play on account of bad weather, etc." They closed till 5.30 a.m., when strength was still R5, but a rapid fade had come on. Volume went down to just audible only at 6.30 a.m., but back to R5 by 7.30 a.m. GBP was R6 at 5.5 a.m. 2ME was not audible. Zeesen at 5.10 a.m. was R5, increasing to R8 by 6.30 a.m. 3RO

was excellent at R8 when first heard at 5.15 a.m. Volume went off a little later. PCJ decreased from R6 at 5.30 a.m. to R3-4 by 6.30 a.m. Rapid fading was very severe.

On about 72.5 metres at 6.10 a.m. an American voice was audible at R5. Static was too bad to understand what was said.

Saturday, August 23.

STATION 5SW was not audible at 5 a.m. for cricket scores, or at 5.30 a.m. when the regular transmission commences. They were just audible at 7 a.m. Zeesen was not so strong as usual. 3RO at 5.15 a.m. was R6, with plenty of static. W2XAF at 1.30 p.m. was R4, increasing to R6 by 2.30 p.m., at which time they signed off.

NRH was just audible at 2 p.m. CJRX at 2.15 was R3-4 with a talk. The beam stations either side, were troublesome as usual. PCJ from R1 at 1.30 p.m.

increased to R8-9 by 5.30 p.m. At 5.27 a Mr. Pettifer or Pettigrew, of New South Wales, spoke to his friends in Australia. He described where PCJ was located at Hilversum, about 25 miles from Amsterdam. A noisy background spoilt the talk, which was about 75 per cent. readable.

ZLW, Wellington, was testing on 27.3 metres during the afternoon. Speech and music was very clear. My trouble was to cut down the volume—it was R9 without an aerial, the coils only acting as a pick-up or aerial. W3XAL was very good at 4 p.m. at R5, increasing to R7 by 4.30 p.m. W9XAA was not so good, being R4 at 4.30 p.m.

American Broadcasting

(Concluded from page 2.)

has already become stabilized, and no radical change need be expected from those of the better class of sets now being marketed by reputable concerns.

Short-Wave Progress.

"CONSIDERABLE progress has also been made in short wave reception, and many fine rebroadcasts are accomplished by the National Broadcasting Company of the British Broadcasting Corporation's programmes. Interference, surging and fading have been reduced to a minimum by a system of diversity antennae spaced about 1000 feet apart. Under this system I was assured it would be possible to guarantee to receive short wave programmes from England and America with sufficient clarity to guarantee satisfactory rebroadcasts from the New Zealand stations for 250 days of the year out of 365. This type of station, owing to the costly nature of aerial network and the special receiving equipment employed, is somewhat expensive, and is obviously not a matter for individual installation. However, more about these details later. Meanwhile listeners will be interested to learn that during the round-the-world broadcast made on June 18 last, this particular receiving station was used at the American end. First of all the Presidents of the National Electric Light Association and the National Broadcasting Company spoke from the Conference Hall of the National Electric Light Convention at San Francisco, then the President of the Berlin Conference in Germany, had something to say. Then Lord Derby and Marconi from London, followed by Edison from his laboratory, West Orange, New York. Being in Mr. Edison's laboratory at the time, one could not help being impressed with the clearness and wonderful results obtained particularly when realising that the transmission in some cases was travelling half-way round the world.

"By the way Mr. Edison, although 83 years of age, is still hale and hearty, and when he was speaking into the microphone I noticed some of that wonderful power of concentration he is gifted with. A number of extremely powerful lights were being played on him by some of the moving picture camera men, but there was not the slightest sign of any distraction from the work he had in hand. After he had completed his talk, however, he quickly said, 'That's enough,' and it was. Everything shut down immediately.

What About Television?

"IN respect to television, there did not appear to have been very much progress made, and from what I saw in the laboratory there is yet little of

The Week's Features

(Continued from page 11.)

"Trial Scene" of the "Merchant of Venice," to be given under the direction of Mr. J. M. Clark. This is a particularly fine programme and listeners will be well advised to tune in.

Notes from 2YA.

THERE will be a further relay from the Wellington Competitions. The programme is a varied one.

Christchurch Jottings.

THE fortnightly talk on "Radio Service" will be given by Mr. D. Cosgrove at 7.30. The Valencia Quartet (Miss Lucy Fullwood, Miss Mary Taylor, Mr. T. G. Rogers, and Mr. E. J. Johnson) will be the vocalists at 8YA, singing concerted and solo numbers, well known to listeners. Popular songs will be sung by Mr. Cheslyn O'Connor and humorous items will be given by Mr. Reg Lamb. There will be violin solos by Miss Irene Morris and selections by the Christchurch Broadcasting Trio.

Programme at 4YA.

MISS P. MARSHALL, Miss R. M. Raffills, Mr. James Simpson and Mr. C. S. Hawes will sing to-night. Elocutionary items by Mr. D. E. Hall will consist of poems by Tennyson. Mr. J. A. Wallace (violinist) and the 4YA Trio will provide the instrumental side of the musical programme, which will be of a very high standard.

SATURDAY

Wellington Features.

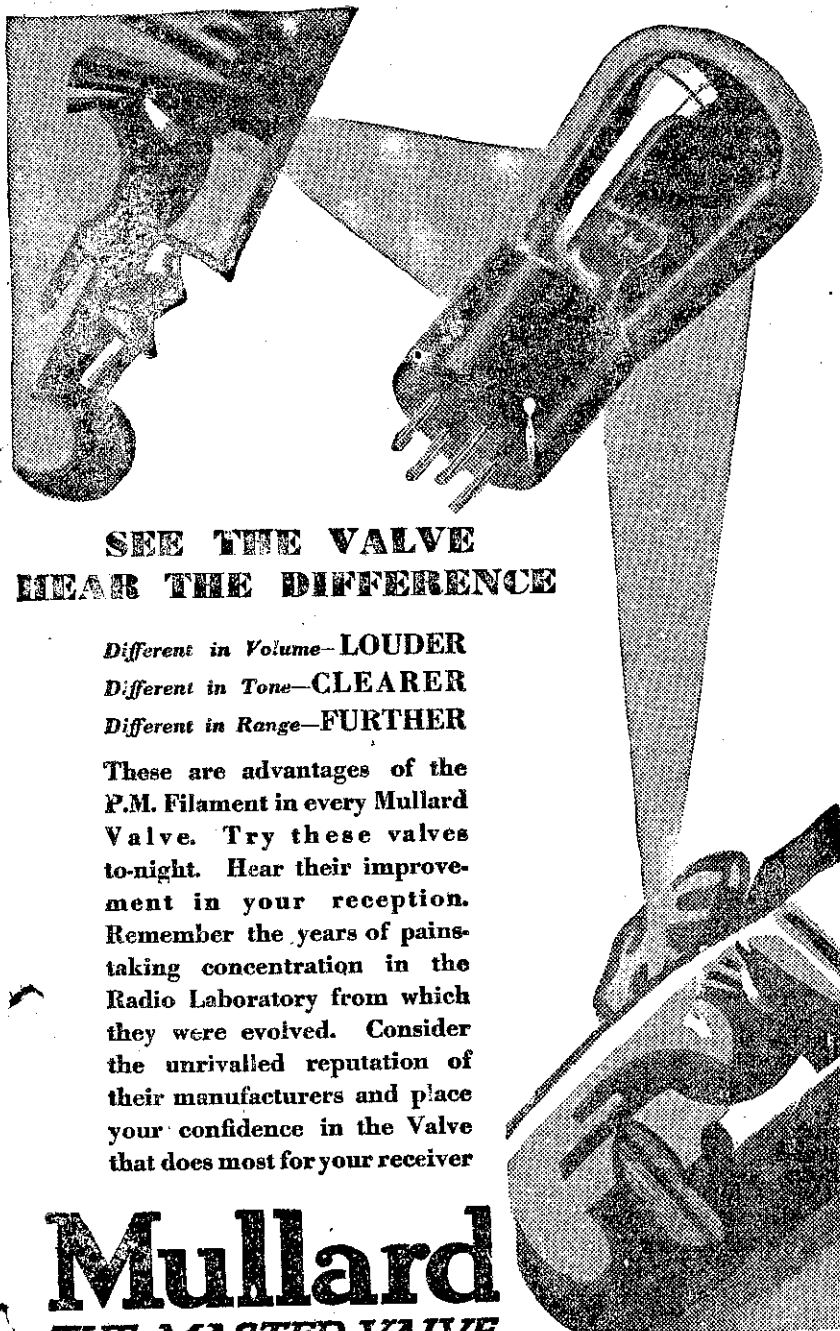
Eight O'Clock Revue

THE W.E.A. lecturette this evening will be given by Mr. P. M. Jackson, B.A., who will speak on "Judging Human Character."

The concert session will feature the fourth instalment of Mr. Will Bishop's "The Eight O'Clock Revue," which will, with the assistance of the Salon Orchestra under the direction of Mr. M. T. Dixon, provide listeners with two hours of bright and happy entertainment. From 10 o'clock there will be the usual dance programme and at 11 a brief summary of the day's sporting results.

any practical value to market. As a novelty, development to date is certainly very interesting, but many difficulties have still to be overcome before television becomes a commercial factor, and then it is more than likely that it will be marketed as an adjunct only to the sound transmission and receiving equipment already on the market.

"In reply to an enquiry Mr. Harris also stated that he had spent some time investigating ways and means of reducing interference, but that the subject was too big a one to deal with in the course of an interview. He would like to say, however, that he found that the matter was being successfully combated in the United States, and there was no reason why the same could not be done in this country. He found that the most serious forms of man-made interference could be done away with, but it was impracticable to expect any department or company to undertake it alone. He would say no more on this until his report and recommendations had been considered by the directors."



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