

*"In the Year 18—"**Auckland Notes**An Old-Time Concert at 2YA*

ON Saturday evening, April 5, listeners to 2YA will be entertained with a novelty programme of old-time tunes of thirty to forty years ago. The scene will be an old-time music hall and no effort is being spared to catch the right atmosphere. To that end the artists assigned to this programme are working diligently at their rehearsals with the object of making this programme unique in every way.

*Aeroplane Radio**N.Z. Enterprise*

AN interesting and unique experiment took place at the Auckland Aero Club's base on Wednesday morning last, when, as far as is known, the first short-wave transmission in New Zealand from a 'plane in flight was made.

With the object of testing out a portable transmitter-receiver for the use of Captain Hewitt on his proposed Dunedin to Auckland non-stop flight, Messrs. Abel, Smeeton, Ltd., in conjunction with the Aero Club officials and the P. and T. Department, carried out a test transmission using a three-valve transmitter with an input of 3 watts, operating on a wavelength of 36 metres. The set, which was designed and built by Mr. J. H. Trenwith (ZLIFX) is housed in a box 8½ inches x 15 5-8 inches x 10 inches, outside measurement, and includes transmitter and receiver, batteries, valves, phones, key and aerial equipment, weighs just 19lb. It can be used for either Morse or telephony transmission and receiving, a very ingenious switching arrangement giving "Key," "Off," "Mike," and receiver connections.

ON actual test, using an aerial and counterpoise strung from the wing tips to the tail of the 'plane, Mr. Trenwith, using the call sign ZKAAR, connected ZLW on good readable strength. Unfortunately just as the 'plane left the ground one of the two parallel audio valves went out, reducing the output to only .3 watt.

As a result of this test it can now be definitely stated that it is possible for Captain Hewitt to keep in touch with the ground throughout the whole of his flight.

To show the efficiency of this small set, it has only to be realised that this test gave a range of 1380 miles per watt of output—no mean achievement. The altitude of the 'plane varied up to 5400ft.

Mr. Trenwith, prior to this test and transmitting from his station ZLIFX, has been successful in working Christchurch on more than one occasion, and is continuing his experiments with the object of attaining even greater efficiency.

See

**"TRIALS IN TACT"**

(On page 27 of this issue.)

(By "Call Up.")

WHEN the R.M.S. Aorangi was in port last week an attempt was made to interview the ship's orchestra with a view to engaging them to play for 1YA whenever the ship was at Auckland. The station programme organiser went down to see them at the steamer, while they visited the studio to see him, with the result that the interview was unfortunately missed. It will now be about two months before the Aorangi is back in Auckland, but it is to be hoped that arrangements for the engagement of the orchestra will then be made, as they are a good combination and would provide a little novelty in the programmes.

THE dates for several approaching programmes from 1YA have had to be changed. The Haydn programme has been postponed till April 4, and the choir's presentation of "The Rebel Maid" till April 8. A further choir concert that week will be the first of the year to be given by the Municipal Choir, and this will be relayed from the Town Hall. Lew James's dates will now be April 9 and 10.

WHEN visiting the new Government air base at Hobsonville last week, "Call Up" was interested to learn that all the Air Force 'planes there are fitted with radio transmitting apparatus. The Gipsy Moth has a small transmitter which can be operated from either cockpit, and which has been used frequently. The two big Fairey machines are fitted with old war-time design transmitters which work on a wavelength of 1400 metres. These two transmitters had just been set up and were about to be tested.

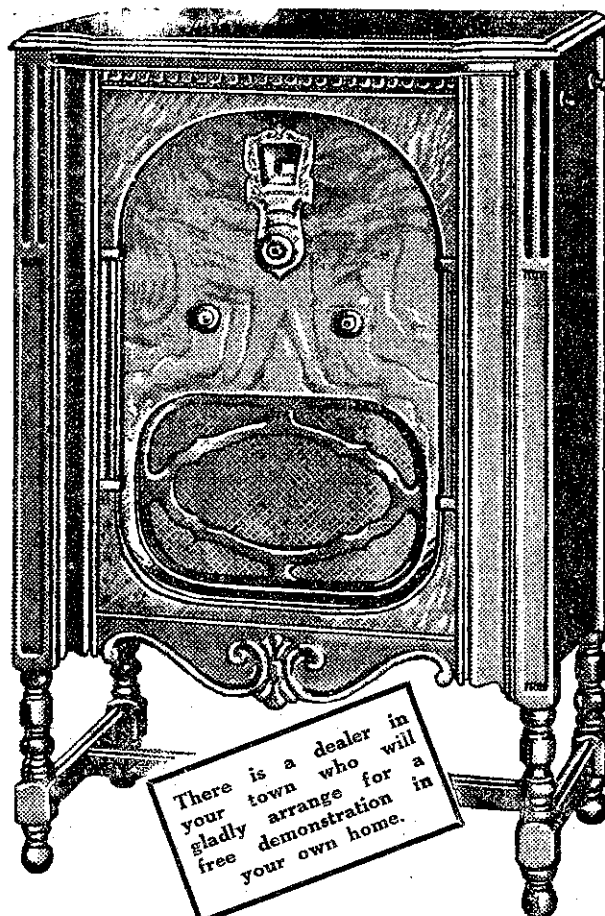
IN pursuance of their policy of devoting special nights to the works of individual composers, 1YA are giving a Brahms night on May 9, and a Wagner night on May 20, those being the nearest available dates to the anniversaries of the respective births of these composers.

ARRANGEMENTS were made by which 20,000 Auckland school children listened-in to Admiral Byrd when he spoke in Dunedin last Tuesday afternoon. North Shore pupils assembled at the Takapuna racecourse, city schools at the Domain, and children from the eastern and western suburbs at the Training College, Epsom, and the Western Springs Stadium respectively. The Auckland Radio Dealers' Association and the Education Board also made arrangements for the children at schools in the outer suburbs to listen-in, the dealers going to a lot of trouble and considerable expense to install sets.

Unfortunately the reception was very disappointing, particularly when Admiral Byrd was speaking. Shortly after the commencement 1YA closed down temporarily while endeavours were made to clear the landline. The later part of the proceedings came through fairly well, but on the whole the broadcast was a failure as far as local reception went.

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