

THE NEW ZEALAND Radio Record

PUBLISHED WEEKLY.

Printed Tuesdays to permit of effective distribution before the week-end, with full copyrighted programmes for the succeeding week. Nominal date of publication Friday.

SUBSCRIPTION RATES.

Rate of Subscription: Single copies, 3d.; Annual Subscription (if booked), 12/6, post free; normal rate, cash in advance, 10/-, post free.

ADVERTISING RATES.

Schedule of Advertising Rates available from all advertising agents in New Zealand, or write: "Advertising Manager," Box 1032, Wellington.

Advertisements requiring setting should be in hand not later than Friday of each week to ensure publication in succeeding issue. Stereos and blocks, providing space has been arranged beforehand, can be accepted up to midnight Monday. Contract advertisements not changed will be repeated.

No responsibility is accepted for blocks, stereos, etc., remaining unclaimed after last use, beyond a period of three months.

A. J. HEIGHWAY,
Managing Editor,
"The N.Z. Radio Record,"

P.O. Box 1032.
Dominion Buildings, Mercer Street, Wellington.

WELLINGTON, FRIDAY, JULY 13, 1928.

EMPIRE COMMUNICATIONS.

IN view of the statement made to the daily Press that a merger will be effected between wireless and cable interests in the direction of improving the efficiency and scope of Empire communications, the review on our front page by Mr. G. H. Brown, the Australian Postmaster-General, who has been attending the necessary conferences in London, is of special interest. Rapidity of communication is of vital importance in modern commercial life, and of itself has contributed tremendously to the efficiency and scope of modern business activities. The rapid strides made by beam transmission in recent years, and its cheapness in comparison with the heavy cost of providing submarine cables as channels of communication, made it a dangerous competitor in the commercial field for the privately-owned and State-owned cables. It became necessary, therefore, in the interests alike of the State and of the business world, to consider an amalgamation to protect, on the one hand, the investments made by the State in providing for speedy communication, and on the other, to ensure that the march of progress should not be delayed by the extension of undue protection to State investments. The problem was a big one, and demanded the adoption of special methods. It became necessary to effect a weld, as it were, between the two principles of State ownership and private ownership, this being done by apparently a satisfactory merger, in which care must necessarily be taken to protect all interests involved.

THE important point for the business man, who is dependent upon rapidity of communication, is that the fullest efficiency shall be secured. This is being attained. The efficiency that is now possible in beam transmission between Britain and Australia is hardly yet realised in New Zealand. The regular traffic has attained stupendous dimensions, but the effect of it has as yet hardly been felt in New Zealand. The development of the merger, however, may be expected to extend the benefits of beam transmission somewhat to this country, possibly by cheaper rates, and possibly by quicker transmission.

THE ordinary broadcast listener in New Zealand is mainly concerned with the entertainment value of wireless. Important as that is, and valuable as it is, it plays but second fiddle to business interests and the importance of wireless in facilitating international Press and business communications. The developments that are taking place in the transmission of pictures, facsimiles of documents, etc., are very remarkable. The wireless era is apparently just beginning, and humanity is only commencing to benefit from the educative value of wireless in its various phases. The scope of those phases, and their ultimate effect upon world forces through the spread of education, may be glimpsed by a series of special articles culled from "World Radio," which appears on page 2 of this issue. Those articles outline in comprehensive fashion the development in Canada, India, Malaya, South Africa, and Australia. In the least-developed portions of the Empire—South Africa, Malaya, and India—it is impossible to foresee just what effect wireless will have over decades, but the enlightenment that is likely to come to the millions of India through wireless may have very notable reactions on Empire economic growth.

SPORTING

RANFURLY SHIELD MATCH

FIRST OF THE SEASON.

WEDNESDAY, JULY 18—Ranfurly Shield match, Canterbury v. Wairarapa—3YA.

SATURDAY, JULY 21—Rugby at all Stations. Boxing at 4YA (Mr. Divers, announcer).

CARROLL v. CASEY ON JULY 23

Jack Carroll, welterweight champion of Australia, has been engaged by the Wellington Boxing Association to appear in Wellington against Harry Casey on July 23. Carroll is recognised as the most promising boxer in Australia today. He is a very hard hitter, and wins most of his fights by the k.o. He has victories over Al. Bourke (k.o.), Tommy McInnis, and Lewis, the American boxer. Tommy Bourke and his trainer, Pat O'Connor, who arrived in the Dominion last week, say the Wellington Association is very fortunate in getting Carroll to come across.

BOXING TOURNAMENT

Instead of the usual studio concert arranged for the evening of Tuesday, July 10, from 2YA, the finals of the Wellington Amateur Boxing Championship will be relayed from the Town Hall. Descriptions will be given by Mr. G. P. Aldridge, Secretary of the N.Z. Boxing Association. This departure will be welcomed by a large number of boxing enthusiasts.

2ZM, GISBORNE

A POPULAR LOCAL EFFORT

TO BROADCAST BIG FIGHT

THE recent broadcast from the above station aroused much interest among listeners-in, many being aware that Mr. P. Stevens, the operator, once controlled the justly famous 2YM, an amateur station often logged on the Pacific Coast, and heard on several occasions, in remote Alaska. Mr. Stevens first took out a transmitting license in 1923, and, in common with most operators of that day, devoted much effort to establishing records in long-distance transmission. To-day, however, he is little concerned with the strength of his reception outside New Zealand; indeed, his main purpose is again "taking the air," is to stimulate interest in radio during the "off" period by providing good radio entertainment in his immediate district, for it must be admitted that during the spring and summer months in Poverty Bay, radio reception from distant stations is often more of a purgatory than a pleasure, a fact which means a serious decline in the sale of sets and accessories.

The station will be in full working order by the middle of August, when seven points of relay will have been arranged, including the concerts given by the Gisborne Savage Club, whose orchestra, under the baton of Mr. Mainland Foster, has received the greatest praise from visiting musicians of note.

The relay points are the local Opera House (the first relay being Miss Ethne Patridge's dance recital on the 26th of this month), the two cinema houses, and four dance halls.

There will also be occasional studio concerts, for which much local talent is offering.

Meanwhile, 2ZM has inaugurated a children's hour, from 6 p.m. to 7 p.m. on Sunday evenings only, and many letters and telegrams of a laudatory nature have poured into the studio as a result. The session is conducted by Aunt Judy and Uncle Buster, both well-known in amateur theatricals, and as Aunt Judy is a journalist, a good deal of original matter is presented, the bedtime stories in particular adding to the lady's popularity. It may be of interest to state here that, as far as is known, 2ZM, when 2YA, was the first station to broadcast Shakespeare. The performance was given some months before the Shakespearean night at 2LO, when famous English actors and actresses gave extracts from the more popular plays. The Gisborne performer was the Aunt Judy of the children's hour.

At present a detailed description of the equipment at 2ZM is not available, but the operator hopes to supply a technical account of his set, when he has perfected his plans. He is now working on 260 metres, using aerial power of approximately 50 watts, which he proposes to increase shortly.

It is now advised that 2ZM will broadcast from an independent American source a complete round-by-round report of the Heeney-Tunney fight. Heeney's parents, who reside in Gisborne, will also speak from the station on the occasion of the fight.

—Modestine.

RIVIERA residents are agitating for the erection of a powerful broadcasting station at Nice.

THERE are four broadcasting stations in Toronto, three each in Vancouver and Montreal, and two stations in Winnipeg.

What is the Efficiency of Your Set?

Interesting Test to be made by 2YA

A VERY interesting test is to be made by 2YA shortly, and the assistance of all listeners is invited. The test relates to the efficiency of receiving sets. The date of the test will be announced in next week's "Radio Record," and a coupon will be published for listeners to fill in and return.

That the cause of much poor reception is entirely in listeners' own hands is widely known, and it will be a source of satisfaction to listeners to have the receptive qualities of their sets tested.

The Broadcasting Company, therefore, propose to make test transmissions in various frequencies, and listeners will be asked to equip themselves with pencil and paper and record what reception they get at these different frequencies. The quality of the set will be shown by the vibrations received—and not received.

THE Director of Music of the Radio Broadcasting Company, Mr. W. J. Bellingham, will be present when the tests are being carried out. The changes in vibrations will be made during the transmission of a lecture by Mr. Bellingham on the nature and purpose of the tests. He will announce when each change in frequency is made.

These tests will take place on two days, and listeners will have an opportunity of judging for themselves as to whether their loudspeakers are capable of responding to the vibrations which are necessary in order to obtain a true tone. The vibration frequencies will range from the lowest fundamental to the highest harmonic. If the listener hears nothing of any particular frequency, he will realise that his set is incapable of accepting this particular frequency, and how the music which is transmitted is being spoiled.

IT is realised that bad reception of good music is the reason why there is a demand for rhythmical music such as jazz. This demand for jazz does not indicate that the listener has not the capacity of appreciating beauty of tone, but that possibly he never hears it from his loudspeaker. If a listener can only hear rhythm, it is only rhythm he will ask for.

In the next issue of the "Radio Record" the subject will be more fully discussed, and the necessary information in connection with the tests will be published for the benefit of listeners.

TRANS-TASMAN FLIGHT

PERFECT RECEPTION

FULL FACILITIES TO BE GIVEN

FOLLOWING up the information given last week regarding the New Zealand Broadcasting Company's preparedness to co-operate to the fullest extent with Captain Kingsford-Smith in the flight of the Southern Cross across the Tasman by putting any or all of its stations on the air for purposes of guidance, the following letter has been received from Colonel Brinsmead, Controller of Civil Aviation in Australia:—

In answer to the company's cablegram offering its assistance, the following letter has been received from Colonel Brinsmead, Controller of Civil Aviation in Australia: "I desire to acknowledge with thanks your cablegram of June 19 offering all possible co-operation from any or all of your four broadcasting stations with a view to facilitating any Tasman flight that may be attempted in the near future. Your very kind offer has been repeated to Mr. Ulm, who is now in Sydney, with a request that he should communicate with you in the event of it being possible to undertake the flight to New Zealand."

The stations in New Zealand owned by the Broadcasting Company will be on the air throughout the full course of the flight, when it takes place. The Morse messages will be picked up and translated for the benefit of ordinary listeners, and on the landing of the aeroplane, if such takes place at any of the four main centres, a special description of the scenes of landing will be broadcast. Interest in this flight will certainly be intense, and listeners may rest assured that no effort will be spared by the company to give the best possible service in connection with it.

THAT Mr. J. H. Owen, president of the Wellington Radio Society, is enjoying himself on his trip abroad, and is not forgetful of his friends in New Zealand, is shown by the receipt of a postcard addressed to Messrs. Davies and Ball, 2YA, Wellington. This is dispatched from Montreal, and tells that Mr. Owen had a good time in Canada, and is leaving for London forthwith.

Evidently the humour of broadcasting has inspired some artists abroad in the production of humorous postcards. The reverse of Mr. Owen's postcard bears the inscription "Perfect reception," and depicts a radio fan ensconced near a barrel bearing the insignia XX. On top of the barrel is a two-valve set, and the listener, seated on a stool nearby, has a 'phone to his ear and a tube to the contents of the barrel. Truly he is enjoying perfect reception!

GENERAL NOBILE'S MESSAGE

His airship wrecked in the icebound regions of the north, General Nobile has been able to keep in contact with the world by wireless, and since he commenced his venture he has used Philips T. B04/10 Transmitting Valves. It is a tribute to the durability of Philips Valves that they withstood the concussion to which they must have been subjected when the airship was wrecked, and the severe test of such extreme climatic conditions.

THE wave-length of 300 metres represents a frequency of one million per second.

Hellesen Radio Batteries

THE BEST IN THE WORLD

DOES THIS NAME MEAN ANYTHING TO YOU?

HELLESEN STANDS FOR BETTER RESULTS, LONGER LIFE, AND GREATER EFFICIENCY IN YOUR SET.

Large Stocks Carried by

SOLE N.Z. AGENTS.

John Chambers & Son, Ltd.

AUCKLAND, WELLINGTON, CHRISTCHURCH, DUNEDIN, AND INVERCARGILL.

For the best radio reception.

Mullard
THE MASTER VALVE

A British valve with a first-class reputation.

Obtainable from all Good Radio Dealers

FOR THE BEST RADIO RECEPTION

Sole N.Z. Selling Agents: SPEDDING LTD., Fort Street, AUCKLAND.