

PUBLISHED WEEKLY

# THE RADIO RECORD



HOME JOURNAL

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# RADIO Round the World

THE high-powered Budapest transmitter being almost complete, the Hungarian authorities have started upon the construction of a broadcasting house modelled upon B.B.C. and Rose studio lines. The new edifice will contain eight studios, including a concert hall to which the public will be admitted.

ANYONE inclined toward the belief that radio receivers and transmitters have reached perfection might profit by recalling that less than a century ago the United States Commissioner in charge of the Patents Office recommended that the office be closed as everything of value had been invented and patented.

ARRANGEMENTS have been completed by the Italian Cabinet for a daily broadcast programme to all schools. In this manner it is contended that eight million pupils will have the benefit of teachers expert in subjects not usually included in school curricula. The organisation, which though directed by Government, will be completely autonomous and already arrangements have been concluded in rural areas by which broadcast instruction may be implemented by capable local teachers.

ANNOUNCEMENT has been made of the perfection of a new microphone which is said to respond with a fidelity previously unknown to all frequencies in the audible range up to 14,000 cycles per second. The new instrument is of the velocity type, which means that it responds to the motion of air resulting from sound rather than the pressure of air due to sound. In place of the usual diaphragm, the new microphone utilises a sensitive duralumin ribbon which vibrates exactly with the movement of the air set up by the sound wave.

THE radio-phone facilities of the aviation companies in America have been most useful in the efforts to preserve forest resources. Numerous instances are recorded in which pilots have reported fires out of sight of the observation towers. Often pilots render particularly valuable service in giving details of location that could not otherwise be gained. It is estimated that the early information derived from aviators' reports has resulted in many thousands of acres of forest being saved, and special commendation of pilots' efforts has been embodied in the forest wardens' report to the Government.

A NEW variant of the paper chase has developed in London. A short-wave transmitter, installed in a car, was used by the North London Radio Society in connection with direction-finding experiments. The transmitter was taken to a secret location and set working. Other members of the society then proceeded to track it down with their portable direction-finding receivers.

IT is stated that British investigators in wireless research show no enthusiasm for music of the order which Louis Theremin first demonstrated practically. Experimenters in other European countries, however, are largely incorporating the instrument as an orchestral unit in established combinations. A Russian improvement on Theremin's oscillator is said to be important and promises much for the development of music for wireless.

MANY types of British receivers are totally unsuitable for New Zealand conditions, and some models recently imported for testing have been rejected by the Post and Telegraph Department as definite creators of interference. Some makers, when this fact had been pointed out to them, frankly admitted that conditions in Britain do not demand the same features in construction as local conditions do, and have intimated that their established markets are sufficient for their needs at present. This attitude is deplorable considering that hundreds of millions live in countries where conditions are similar to those obtaining in New Zealand.

A STAND that attracted much attention at the recent radio exhibition in London was conducted by the Post Office, which was mainly devoted to showing methods of overcoming electrical interference. Vacuum cleaners, street traffic signals, and various types of medical high-frequency apparatus were switched on and their effects were noted by the visitors on a standard receiver. An eliminator of a type approved by the Post Office was then switched into circuit, demonstrating that local interference of most virulent type can be effectively overcome.

AT the recent "Radiolympia," London, orders were placed for 2,000,000 receivers, 10,000,000 valves, and 20,000,000 batteries. The turnover on sets alone was estimated at £3,000,000. The total increase in business over the exhibition of last year amounted to 72 per cent. The increase in export business amounted to over 350 per cent. So marked is the enhancement of the wireless industry that an increase of £20,000 per week is to be made in Press advertising by radio firms.

THE new Empire station of the B.B.C. is to commence regular transmissions on December 19. The British Postmaster-General stated in the House of Commons that it was hoped the station would serve all the Dominions and Colonies, but precise capabilities of the transmitter could only be determined by experiment. No contributions, so far, had been received from any territory concerned.

# Modernise Your Home

a talk

Broadcast from 2ZW

under the Auspices of

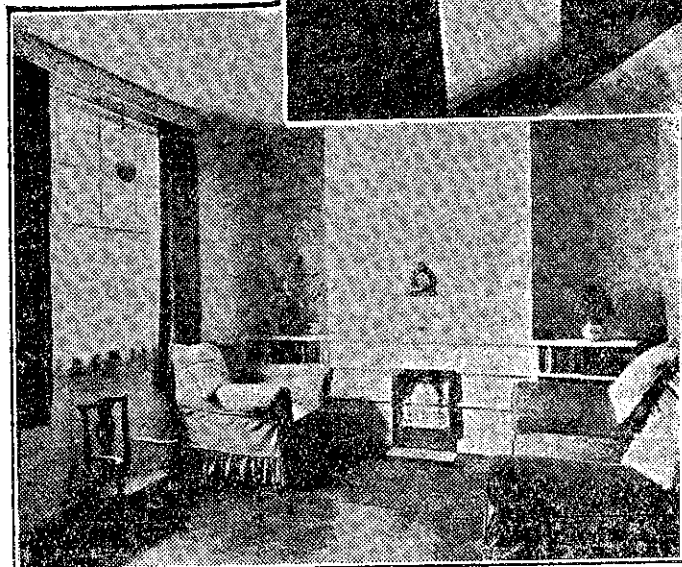
N.Z. Institute of Architects

THERE are probably quite a number of people who are facing the problem of finding their home too small for growing requirements or not comfortable or convenient according to present-day standards. In any city the older homes will be found in the best and most advantageous localities. It is natural that good building sites within reasonable proximity of the city should be utilised before areas for development are sought further afield. This being the case, the location of many of our old homes leaves nothing to be desired, and even if the owners of the old houses wished to dispose of them and build an entirely new and up-to-date place, it would be almost impossible for them to find a position which would appeal to them as much as the one they at present occupy. When they were built these houses probably represented the last word, but to-day they are quite out of date and their owners envy those who are able to erect a modern home carefully planned to avoid work and to include up-to-date equipment and conveniences.

It is by no means necessary to get rid of the old home with its sound construction, favourable location, mature surroundings and happy associations. The solution of the problem can be one of compromise. The old home can be retained in its choice position, and alterations and perhaps additions can be carried out with modernising, remodelling and redecorating, to give it all the comfort and convenience of an up-to-date home. If given proper consideration, full advantage may be taken of existing work so that the minimum of personal inconvenience may be experienced and so that a workable whole may be evolved, with the result complete in every way and not a patchwork-looking job.

IF properly approached, a scheme of modernising should not prove costly, and the old home should achieve an increase in value for more than the financial outlay at the present time. In fact, there could be no better time for a general check-up on your whole house, and nearly everybody must have some work in mind which they would like attended to. Perhaps you have even had alterations in view at some time in the past and were possibly deterred from carrying them into effect on account of a quotation received which appeared too high for the amount of work to be done. It would surprise you to find out how very much lower any work can be effected on the building bargain counter to-day.

Perhaps your problem is one of additional space. With a growing family more accommodation is required. An ardent student may want a room of his or her own in which to work quietly. The man of the house has often longed for a private den where he can keep inviolate all his cherished treasures of sport, hobby or business. The lady of the house has often wished for a small sewing room properly equipped with linen cupboards and shelves which would help her considerably with a large part of her work. Or maybe she has often



The dining-room, above, and living-room of a modernised home. The dining-room has walls, ceiling and woodwork in a pinkish shade of cellulose enamel. The furniture is in black, green and silver cellulose. A green pile carpet is laid over the biscuit-coloured composition floor. The living-room has the same treatment of walls and ceiling. Wood fillets across the chimney face carry the lines of the bookshelves on either side.

thought how nice it would be to have a sun porch where she and her friends could get the benefit of warm afternoons. Perhaps some of the living rooms are too small and the halls and passages too big, or perhaps some room is too large and could be most advantageously utilised if divided in two.

SUCH things as these might be considered a difficulty on account of a chimney which is in the way, but at to-day's prices it is not an expensive matter to remove the chimney and rebuild it in a better position with a modern tiled fireplace. Or even those chimneys which do not need removing would give more comfort and less hard work if the old iron front and dusty mantelpiece were taken out and a modern fireplace surround with simple shelf were substituted. Old fireplaces which are perhaps never used at all might be completely removed and the space used for a better purpose. For instance, the advent of the electric radiator has almost entirely replaced the bedroom fireplace, which could be taken out altogether, giving more space or provide room for a much-needed wardrobe.

Perhaps the windows about the house were not arranged originally to take the best advantage of view and sunshine. Re-arrangement of larger windows would gain these benefits and improve lighting in the rooms. Doors in a different position would probably allow more convenient access and a better arrangement of furniture than is now possible.

In the kitchen there is probably a great field for improvement. Ideas of kitchen layout and equipment have undergone complete changes even within the last few years. I wonder (Continued on page 2).

how many homes still harbour an old coal range which has now fallen into complete disuse but is still allowed to occupy valuable space and to create a necessity for additional cleaning. The women of the house alone know the amount of work that is necessary in their kitchens, and while they struggle on in badly arranged, poorly-equipped kitchens, lacking in many desirable features, even they do not realise how much labour could be saved by a properly considered re-arrangement of built-in cupboards, drawers, bins and so on. One has only to see a fully-equipped modern kitchen to realise the possibilities of doing something with one's own kitchen. If the out-of-date cooker is not giving satisfaction, every effort should be made to replace it, as the welfare of the entire family depends on this important piece of equipment. The kitchen sink may be considerably worn and needs replacing with a larger sink bench formed of one of the many materials suitable for the purpose. More effort should be put forward to make the kitchen not only easier to work in but brighter to work in, and intelligent use of colours with modern enamelled wall finishes, can help a lot in this direction. The kitchen should be adequately lit in the working places, and, if possible, the windows should open on to a pleasant outlook. Any money expended on improvements in the kitchen will repay large dividends. The laundry, too, could probably stand rejuvenation. The old tubs have probably outlived their usefulness and should be replaced with new ones. Those people who have used a good washing machine have come to regard it as one of their most treasured possessions, and it is certainly a great help in this most laborious of weekly tasks. But even if the installation of a washing machine is thought to be too large an item, the washing copper should be subjected to the closest scrutiny to see that it is doing its job properly. Some of the older ones are badly cracked and are falling apart, actually representing a fire risk. They should be repaired or replaced with a convenient gas copper, or other of the more modern coppers, which takes up less space and does the job more efficiently than the old one. Proper facilities for ironing should be made available in every home. Suitable ironing benches or ironing boards can be arranged in the best position for their work.

One thing which old homes universally lack is sufficient of the right kind of cupboard space. Every home should have a linen cupboard large enough for all linen requirements. It should have a conveniently located broom cupboard large enough to take care of all brooms and other cleaning gear. It is very useful to have some storage space for suitcases, hatboxes and other necessary accessories which are used only at infrequent intervals, and, if possible, every bedroom should have at least one and, better still, two or three, built-in wardrobes. In many cases this last requirement has been met by building out an obstruction which leaves an open space above the wardrobe as a permanent dust ledge. This is most undesirable as a little consideration could have probably overcome the difficulty by arranging wardrobes in adjacent rooms so that they finish neatly flush with the wall on both sides.

Turning to the bathroom and toilet equipment, we find that many old homes are sadly deficient in this re-

spect. With the new developments in all kinds of plumbing equipment, it is possible to make a much better job of the bathroom than has been the case in the past. A complete transformation can be effected in this important room with the use of new equipment more conveniently installed, the removal of unsightly pipes and old-fashioned fittings and the substitution of bright chromium-finished flush valves, taps, etc. The bathtub can be built into a recess and much awkward cleaning can be avoided. A shower installed over the tub or in a separate recess would be appreciated by most of the family. There are many materials offering for recovering the bathroom floor, most of which are eminently suitable, being impervious to water,

Very few old homes have sufficient electrical outlets to meet present-day requirements or the existing outlets may not be arranged in the best places for their greatest usefulness. A careful overhaul of the existing equipment would suggest additional facilities in convenient locations for floor, desk, reading lamps, radios, and the many other items of electrical equipment which are the benefits of living in a scientific age. To make the utmost use of this helpful handmaiden, electricity, it is necessary to have an adequate supply of utility plug points wherever they may be required throughout the house. The cost of their installation is negligible compared with the convenience of their use. The ad-

The various items I have mentioned will in each case suggest others which, large or small, can be advantageously purchased at the present time. Investments in this direction will return handsome dividends—dividends of greater convenience, of greater comfort, of saving of labour, of more pleasant surroundings, of better standards of living, of wise spending, and, greater than all of these, of satisfaction at making some small contributions to the general welfare of the whole community. Those who hold off from having necessary work done now are only assisting to force unemployment taxation to higher levels.

There are also those cases where such investments will produce definite cash dividends. Any home if intelligently remodelled and modernised, will be worth more money. If need be, it will attract a better price of a more ready buyer in case of sale. Many houses for rent remain empty because they are not suitable to the tenants who might occupy them. There is still a fairly good demand for the right class of house in this field. By spending a comparatively small sum in an intelligent manner, the owners of these houses could attract more quickly the tenant who would pay a good rental instead of allowing the place to remain empty, with its consequent lack of any return. Owners of houses would do well to realise that many of their prospective tenants have had a taste of modern equipment and up-to-date, bright, clean interiors. These people are not at all attracted to the drab living-rooms, poorly equipped, inconvenient and unhygienic kitchens and bathrooms which they are offered. Most of the owners of these houses must realise that something will have to be done sooner or later, and there is certainly no time like the present. This work can be done now for much less money than has been the case for a very long time. Even if ready cash is not available, finance for alteration work is often comparatively easy to arrange.

Advantage should certainly be taken of the extraordinary low costs now prevailing in all branches of the building trade, and those who put their work in hand now will have every reason to congratulate themselves on the value they will get, providing proper care and attention are given to ensure that their money is being spent in the best way. In many instances wherever these alterations are carried out the necessity for them is due to lack of forethought and care in the original building scheme. It is therefore very desirable the same mistake should not be made twice. Building work of any kind has a considerable degree of permanency, and it certainly pays to put every thought and care into it at the outset to ensure that the result will be the best obtainable for the purpose and for the money spent.

## Radio Serviceman's Examination

### Closing Date Extended

WE have received notification that the closing date for Radio Serviceman's Examination, to be held on December 2, has been extended to November 9. Entries made on the forms, which may be obtained from the Registrar, or from the secretary of the New Zealand Radio Institute, Box 1134, Wellington, close with the Registrar, No. 8 The Terrace, Wellington, on the above-mentioned date.

easy to clean and attractive in appearance. All kinds of coloured cement compositions, terrazzo preparations, rubber tiles or matting, cork tiling or gay and modern linoleums are still available for choice, and most of them are quite easy and inexpensive to install over an existing floor. A wide range of materials is also offering for the walls. Several kinds of plaster sheets in smooth finished or imitation tiles, real plaster on metal lath or real tiles, white or in colour, or combination of these, offer unlimited possibilities. And again the intelligent use of colour in hygienic enamel and lacquer finishes, provides plenty of scope for decorative purposes, not to mention gay washable papers and other wall coverings. When modernising the bathroom advantage should be taken to install the small built-in or screwed-on fittings which are so necessary to real convenience. Sufficient towel rails, a glass shelf for various oddments, soap holders, tumbler and toothbrush holders, clothes hooks as well as a good-sized wall cupboard with mirrored door, should all prove worthy of consideration.

The general appearance of the inside of the home is naturally to be considered at the time any renovations are made. Repapering of the various rooms in some of the many artistic and inexpensive wallpapers being offered at the present time would do a great deal toward modernising the place generally. Perhaps you would like to have tasteful fibrous plaster ceilings in the principal rooms or other forms of ceiling treatment with cornices or beams. The old-fashioned woodwork finish with its complicated mouldings which are only dust gatherers, could be removed and simpler woodwork substituted. Many new stain, paint, and lacquer finishes are available to offer an unlimited choice in colour combinations.

Advantages of gas or electric hot water services are well appreciated by all those who have installed them. They are particularly suitable for those homes which have been dependent on the coal range now out of use. It is a simple and inexpensive matter to install one of the many types of modern storage cylinders to supply existing services, or where existing services have become corroded or clogged up with age, now is the time to have them replaced with new piping.

Many homes—and this is not confined to old homes—have basements which could be adapted to considerable usefulness. An extra bedroom, a billiard room, or playroom for children, could be arranged in many cases without undue expense.

The outside of the house is also worthy of attention. Perhaps the roof requires an overhaul or recovering, or at least a new coat of paint. Spouting and rainwater pipes should be included when this work is done. Any timber parts which are showing signs of decay should be taken out and replaced. A survey of the homes of Wellington would show hundreds of places which, in the very interest of their preservation, are ready for a repainting job.

The external appearance of the home should also be considered. Many old houses at present appear as back numbers. Modest expenditure skilfully handled could in most cases provide an up-to-date appearance. The best means of tackling this problem depends entirely on individual circumstances, but a general removal of old-fashioned jigsaw ornamentations, a new entrance porch, larger and better-placed windows or perhaps even an extension of the front to provide more room inside would completely change the date to which the house belonged.

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# The Spy Menace in Salonica

**S**OON after my adventures at Salonica, I said good-bye to my friends, the Navy. I had received a mission to proceed to Beshik, near the Bulgarian front, and to investigate the open area between this place and the sea coast.

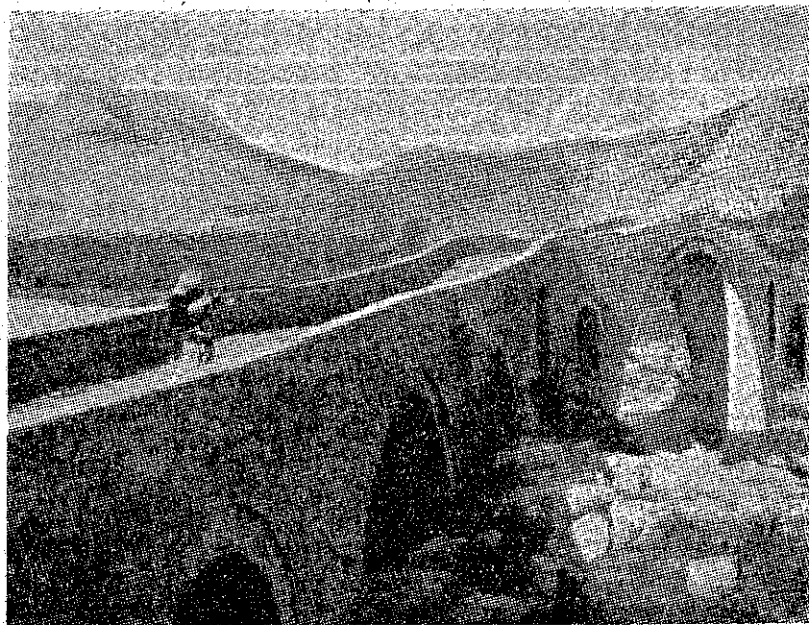
Leaving Stavros with my runner and two horses I proceeded along a valley or gorge that connected the two places—this gorge is a wonderful place, great towering hills line it on either side, and as you wind your way along through dense bush you are impressed by its peaceful, solemn loneliness. You lose all sense of the terrible carnage that is going on in the not too far-distant hills; also, you are never sure that some Greek or Turkish spy may be following the same track, and a shot from behind a rock or ledge will end matters.

Our troops had been around here at one time, but the nature of the surrounding country made fighting impossible for either side, so they moved to the Struma, higher up. The Bulgarians were aware of this, and used this area to get their spies across to Salonica—hence my mission of investigation.

At the end of the gorge one comes to a glorious lake, its water sparkling like a great jewel; here I sought some spot to make my base, and after a good look round found an ideal spot—a very large cave in which I could hide my horses, also serving as living quarters, and, better still, I could view the lake from a large rock just outside the entrance.

Lake Beshik is about 25 miles long and five miles wide, very deep in parts, with flax-like rushes running out from the bank for about 100 yards, which give a fringe to the shore. On the right bank is a tiny fishing village called Little Beshik.

**I** MADE myself comfortable in my new home, and then instructed my runner to return to Stavros for stores. In his absence I strolled along to the headquarters of a motor-boat patrol, about two miles east from my own. Its job was to patrol the lake for possible spies, watch the fishermen, and act as a line of communication for the likes of me. The boats were old French sardine boats, so named after their use. They were about 60 feet long, and decked over; the crews were drawn from different regiments—in fact, the Army playing at sailors. Two machine-guns were mounted on each boat. The base was very cleverly



*At the end of the gorge was a glorious lake, its water sparkling like a jewel . . . it was hard to believe that a terrible war was going on among the not-far-distant hills. My duty was to keep watch for spies who infested the place.*

like effect. After making myself known to the officer-in-charge, a man named Sinclair, I instructed him to keep his boats off the lake at night for the next two or three weeks, also arranging a code of signals in case I should need his assistance.

**I**T was a merry little crowd, consisting of about 30 men all told, but suffering badly from malaria, as the malaria mosquito thrived in these parts. I made trips along the edge of the lake toward the fishing village—my nerves tensely strung. This was new country and vastly different from France and the Navy, where one had the company of one's own fellows.

I had to thank my lucky stars that I had learnt bushcraft in my wanderings. Nearer and nearer I crawled—finally reaching a spot where I could keep the village and waterfront under observation, a dog or goat would give me away—so I had to keep myself hidden carefully. All night and into the day I kept this up for about ten days—nearly dead with mosquitoes.

Everything seemed normal in the village, but finally on a rather dark Sunday night I had crawled down to the waterfront, I spied a rowing-boat coming out of the darkness of the lake. Muffled oars were used, as sound carries far in these parts. If they were fishermen, what had they to fear? I noticed a man in the stern, and from the way they handed him ashore I gathered he was no ordinary man. They all stood on the bank talking and laughing, one of the men shook his fist in the direction of the patrol base, putting his fingers to his nose. Later they all went into a house nearby.

As nothing was to be gained by watching the house I withdrew some miles along the only roadway leading out of the village, and waited. Would my friend of the night come along this way, or was some other messenger to form contact with him? And was he a spy? If he should come, what was I going to do? All these thoughts flashed through my mind as I sat munching (Continued on page 24.)



Major Lewis.

# The Final Major Lewis Story

# Editorial Notes

Wellington, Friday, November 4, 1932.

RECENTLY someone pertinently asked if it was not a fact that we, being saturated in radio, are not getting too much of a good thing and are failing to appreciate radio for its true worth. In support of this argument it was contended that enjoyment derived from broadcasting does not by any means increase in proportion to the number of hours, rather the reverse. There is something in this contention, for most of us will recall the pleasure derived from the earlier broadcasts, when the quality transmitted and received was far inferior to that of to-day. The novelty no doubt entered into our enjoyment, but that does not explain all, and we venture the opinion that if the broadcasting hours were now reduced to, say, ten hours a week we should have fewer complaints and should be more appreciative. To-day our entertainment starts with breakfast music and finishes with dance tunes long after supper-time.

SO far as early morning sessions are concerned, the British Broadcasting Corporation has steadfastly refused to commence before 10.15 a.m. Although we are not acquainted with its reason for doing so, it is apparent that from the point of view of appreciation of music its decision is probably a wise one. Possibly it foresaw a shortage of music suitable for broadcasting, for if the present pace is maintained this will shortly become a real difficulty. The output is only a mere tithe of what is demanded by the listener.

WITHOUT doubt the revival in England of old songs and music was necessitated by the diffi-

culty in obtaining a sufficient quantity of modern matter. This can be understood when it is realised that in New Zealand more than a thousand different pieces are broadcast each day. Bearing in mind that there are over 30 stations and each station averages six hours a day, the estimate is really very conservative. Clearly, before long the demand will exceed the supply, and monotonous repetition will be the only solution. Already we see complaints on this score, but it seems to us inevitable, and that it will be accentuated as time goes on. As to the remedy, we will not venture an opinion, but will be content to leave it for our readers to think over. There is more in it than at first meets the eye.

THE licenses figures are again to hand and show that with three months to go before the end of the year there are almost 85,000 licenses. This phenomenal growth is hard to account for and rather offsets the depression talk we hear so much about. Similarly the import figures for parts have increased, which indicates that radio is on the upward grade at a fairly rapid pace. A general increase could be accounted for by two reasons, the improved fare now available and the price of radio receivers. But there is room for improvement in both. The service improvements can come only concurrently with the increased number of licenses. Of course, the broadcasters must take chances and provide certain features in advance of their revenue. The price of sets influences the license figures more than this, and the growth is to a large extent the reflection of the

price level. A few years ago the price of the receiver was high, and the quality it was capable of delivering was far from good. Improvements came and the price was reduced—result: a growth in the licenses.

EVEN now the prices of radio sets are far too high. In America sets cost about half the price charged in this country, and a radio set is to be found in every second home. The high import duties, particularly on assembled parts, keep up the price. But even the manufacturer or assembler is handicapped by the high tariff imposts. The differential tariff charged on parts and sets

accounts for the steady growth in the parts business, and incidentally the growth of the New Zealand industry. But too much protection defeats its own ends and stifles the trade. If a radio set capable of receiving all New Zealand stations and the principal Australians could be marketed for, say, £10 the licenses would jump to an amazing figure. It is doubtful whether the license fee has much influence on the number of listeners. After all, it is only a very small percentage of the initial outlay and a very small portion of even the most meagre income. Doubtless if it were reduced there would be a few more listeners but in no way commensurate with the reduction.

## In Phase and Out

By "Quadrant"

UNTIL I tuned in 3ZO on Saturday night I thought there were only two community song leaders in New Zealand. However, one lives and learns.

THE other week I saw a travel picture depicting the bubbling mud pools of Rotorua. The other night I was listening to 2YA and somehow I could not get those pools out of my mind. I think there must have been a ripple in the carrier.

"IN SYMPATHY," Lower Hutt, takes me to task for chaffing Bill Bishop regarding mothers-in-law and pertinently asks if it is the truth that hurts. He finishes up by quoting an old saying about daughter and mother. Yes, my friend, you are right. My wife stood over me with fire in her eyes and bade me write that par—but now she is spending her annual holiday at Day's Bay, and I can say what I think. Go ahead, Bill, we enjoy your stuff.

GREAT stuff these Aussies get over. Did anyone hear "The Mikado" from 3LO last Saturday? I couldn't for static.

FAITH healing by radio is the latest innovation from one New Zealand station. Only now it wants some enterprising station to start radio healing by wireless. After all, why not?

"REFORM" in last week's Mail Bag says that my notes sometimes annoy him, and in the same breath wants me to annoy 3YA by sending them laughing gas. "Reform" has forgotten his Sunday school session, "Do unto others," etc. I would hate tremendously to annoy 3YA after what he has said.

DID I hear 2ZW's preacher talking about singing praises to the pilgrims of the night? This is carrying the cruelty to animals propaganda too far.

ARN. CAMPBELL seems to know quite a lot about Montessori and Dalton methods of teaching. I don't altogether agree with letting the young brats bring themselves up—pardon, Arn, "develop." They want to take over the reins of control long before their judgment is mature.

DEAR QUADRANT, re your par. on interference. Reception of trolley buses here in Shirley is well nigh perfect. Couldn't we make the Christchurch Tramway Board take out a transmitting license?—DX28MC. Seemingly they are privileged.

ANNOUNCERS on form—Les Strachan from 2YA on Sunday night. His programme, "A Trip Round the South of England," brought back glorious memories to those who have left behind the chalk cliffs of old England and stimulated in those who are going "home" a pre-conceived love for her rural beauty. I am one of the latter, and when, in "Sussex by the Sea," I'll think of that admirable programme.

AN American inventor claims to have completed a scheme whereby entire families can be kept warm by radio. Probably hot air.

A THEORY has been advanced by a correspondent as to the reason for the great increase in the number of wireless licenses. He suggests that all the farmers and others who believe that radio was the cause of the last heavy rainfall have bought wireless sets in the hope of working the oracle during the summer.

SAYS a Christchurch paper: "A salesman not over a hundred miles from Christchurch had occasion to collect a receiver, recently sold, to correct a slight fault. He told the customer that the electricity travelling through the set made the dust rise, and it was only necessary to give it a cleaning." I wonder if the Radio Institute would make that gentleman an associate or member.

## ILLUSTRATE Your Goods and SELL Them

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WELLINGTON

Day and Night Service



**"Art of Grand Opera"****Feature Talk from 2YA**

IN connection with the Grand Opera season at present being presented in Wellington, the Broadcasting Board has been successful in making arrangements with Mollie de Gunst, leading dramatic soprano with the Imperial Grand Opera Company, to talk from 2YA at 7.40 p.m. on Friday, November 4.

The subject of Miss Gunst's talk will be "The Art of Grand Opera."

**Interference Committee****Personnel Announced**

IT will be remembered that the Coverage Commission in dealing with the question of power interference, suggested the advisability of setting up a committee to consider the best means of dealing with this vexed and important aspect of the broadcasting service. The New Zealand Broadcasting Board favoured the proposal and sought the assistance of the Postmaster-General and the Minister for Public Works in setting up a committee and in obtaining the appointment of suitable officers to act thereon. Both Ministers of the Crown were very helpful in the matter; and as a result of their assistance, the committee was duly set up, and held its first meeting on Friday, the 21st instant.

The personnel of the committee is as follows:—

- Mr. C. S. Plank, Post and Telegraph Department.
- Mr. H. M. Millar, Public Works Department.
- Mr. G. Lauchlan, Electricity Department, Wellington City Corporation, representing the Electric Supply Authority Engineers' Association of New Zealand.
- Mr. A. Gibbs, Advisory Engineer to the New Zealand Broadcasting Board.

As was to be expected, the discussion at the first meeting was of a preliminary nature and covered the subject in general outline. It also heard the views of the Coverage Commissioners. A further meeting will be held at an early date, when it is anticipated that concrete proposals for properly handling the situation will be discussed.

**Famous Trials****Series of Talks from 4YA**

FIVE talks on "Famous Trials," on the lines of those which have proved so successful from 2YA, will be broadcast from 4YA on Tuesdays at 9.2 p.m., commencing on November 15. The talks will be given by Mr. W. H. Carson, of the legal firm of Messrs. E. J. Smith and Lonsley.

The dates of Mr. Carson's talks are as follow, one week being missed, on Tuesday, November 29, owing to a concert relay:—November 15, November 22, December 6, December 13, December 20.

**Nearly 85,000 Licenses****Rapid Rise in Figures**

THE latest license figures representing those in force at September 30, 1932, show that during the last month an amazing increase of 3000 has taken place. The greatest increase has taken place in the Wellington district, where 1200-odd fresh licenses have been taken out. With three more returns to come before the end of the year, it is apparent that the goal of 85,000, set a month or so ago, will be surpassed.

| District.            | Receiving. | Dealers. | Transmitting. | special. | Free. |
|----------------------|------------|----------|---------------|----------|-------|
| Auckland ....        | 23,728     | 348      | 127           | 1        | 106   |
| Canterbury ..        | 13,510     | 221      | 142           | 1        | 50    |
| Otago .....          | 10,627     | 158      | 86            | 2        | 35    |
| Wellington ..        | 34,701     | 497      | 246           | 5        | 64    |
| Totals .....         | 82,566     | 1,224    | 601           | 9        | 255   |
| Grand total: 84,662. |            |          |               |          |       |

**"Crown of India" "Italian" Symphony****Colourful Music from 4YA Mendelssohn's Masterpiece from 1YA**

IT must have been wholly for music's good that Elgar was self-taught—he was able to sound that new note in English music by reason of his own genius and his freedom from a rigid academic training. He is now 75 and our "Musical Laureate of Empire."

His "Crown of India" Suite, arranged from the Imperial Mosque, written in 1912 to celebrate H.M. the King's visit to India, is music that cannot fail to appeal by nature of its directness and simplicity. The consummate art of the orchestration makes the composer's genius manifest.

The suite, which is to be played from 4YA on Monday, November 7, is as follows: Introduction and dance of Nautch girls, minuet, warriors' dance, and, lastly, march of the Mogul Emperors. After the first declamatory bars of the introduction there are some delicious fragments for strings and woodwind that meander along in whimsical fashion, without apparent purpose, beyond providing for that "tranquil solitude" of the mind beloved of Shelley.

We are not allowed to muse overmuch, however, for the dance of the Nautch girls cuts in, providing sharp contrast, full of the voluptuous rhythm of the East, bringing this side to an exciting close. The melodic line of the minuet is exceedingly graceful, and must be a perpetual delight to the ear.

In the warriors' dance there are some particularly fiery passages for strings that electrify, and the march of the Mogul Emperors makes a musical peroration of massive proportions that only genius can produce. The London Symphony Orchestra, under the composer's baton, gives a magnificent performance that every admirer of Elgar will fully appreciate.

Our greatest living British composer has always played a leading part in giving voice to the feelings of the masses of the people on national occasions. A deep strain of patriotism has run unswervingly through his career as a composer. It was this spirit that led him to compose his "Six Military Marches." "If the soldiers march to music," said he, "then let it be a proud kind of music, that draws men to die, moving in victory, with solemn noise, with worship and with conquest."

IT is sometimes good to hear undiluted Mendelssohn, though the "high-brows" nowadays have condemned him as unworthy to black their own squeaking boots.

The opportunity of hearing the first, second and fourth movements of Mendelssohn's "Italian" Symphony from 1YA on Tuesday next is therefore welcome. Played by the Halle Orchestra, it should provide excellent radio fare.

It was the composer himself who gave the Symphony its name. It was actually begun in Italy, where Mendelssohn went after his first visit to England, enjoying everything he saw, and hearing with the wholehearted zest which was his.

His letters home are full of vivid descriptions of people and places, full, too, of illuminating comments, and sometimes of the rather scathing criticisms of intolerant youth. But amid constant distractions he yet found time to produce a good deal of music, and the Scots Symphony, as well as this one, was partly composed during that busy time.

The Italian Symphony was dedicated to the Royal Philharmonic Society in London, and it was they who gave it its first performance in May, 1833. Mendelssohn came over to conduct it; he had besides another reason for his visit—the christening of his god-child, the son of Moscheles, the famous pianist.

The four movements are briefly as follow:—First we have a quick and active piece of playing, full of youthful joy, and, on the composer's own confession, the gayest music for orchestra he had ever written.

Next follows a rather slow, steadily-moving piece often called "The Pilgrims' March"—though Mendelssohn never gave it that name. The third section is a graceful light minuet. The finale, like the first part, was written in Rome. It represents the spirit of the mid-Lent carnival, which the composer witnessed, and embraces every important typical Italian dance tune.

**"Belle of New York"****Light Opera from 4YA**

KERKER'S delightful light opera, "The Belle of New York," which has entertained millions of theatre-goers in all parts of the world, will be presented in Dunedin on Saturday, November 12, by the Dunedin Amateur Operatic Society.

The production will be broadcast on relay by stations 4YA and 3YA, and should prove to be one of the outstanding radio attractions of the month.

**Educational Sessions****Temporary Cessation**

THE last of the educational broadcasts for this year was presented from 2YA on Tuesday, November 1.

With the approaching end of the year the training college lectures and the teachers are finding themselves very fully occupied and unable to give the time necessary for the preparation of lessons for broadcasting.

The educational authorities have therefore found it necessary to suspend these sessions until the schools resume after the Christmas vacation.

**Ces Dacre to Broadcast****Cricket Talks from 1YA**

CRICKET enthusiasts will learn with interest that Mr. Ces Dacre, the eminent cricketer, who has been appointed coach for the Auckland Cricket Association, has been engaged by the Broadcasting Board to give a series of talks from 1YA.

It is understood that Mr. Dacre's talks will commence about the third week in November.

In view of the English team's tour of Australia, and Mr. Dacre's first-hand knowledge of the English players, these talks should prove of great interest to listeners.

**Christchurch Radio Society**

A SPECIAL meeting of the Radio Society of Christchurch was called for recently to consider what steps, if any, should be taken to improve matters, for attendance had fallen off of late. There has been talk of winding up the society, but there is absolutely no need for such action (asserts a local writer). Just because there is a dearth of men who have the ability to give lectures and devote the time necessary for such work is no reason why there should be a faint-hearted attitude adopted. The identity of the society should be kept up, and every effort directed toward finding the right methods for carrying over during the summer months, when matters are usually somewhat quieter.

The intervening time before next winter could be devoted to fostering the old spirit of enthusiasm and desire to contribute with a demonstration or short talk by the younger members.

## The N.Z. Radio Institute

### Lecture on Automatic Volume Control

THE New Zealand Radio Institute is still making good progress, and at the last month's meeting a large number of members and associates from all over New Zealand were elected.

It has been decided to form a branch in Christchurch, the meetings having been fixed for the third Tuesday in every month at the Radio Society's room in Cashel Street. Inquiries in this direction should be made to Mr. Leslie Hurrell, radio engineer, Armagh Street, Christchurch.

A motion authorising the alteration of the Constitution to allow for branches to be formed was passed without discussion. The amended Constitution will allow for a vice-president of the society in each centre strong enough to have branch meetings. The amended Constitution allows for a vice-president in Wellington, and nominations for this position were called. They are to be lodged in writing with the secretary on or before November 3. Voting facilities for absentee members will be provided.

In reading his report the secretary touched upon the sad fatality which brought the career of Mr. G. B. S. King to an untimely end. Mr. King was well known in radio circles in Wellington, and had been associated with the institute in its inaugural work. Had it not been for this untoward occurrence he would have been elected a full member of the institute at this meeting.

In commenting on the fatality, Mr. Webster said he felt that, as a mark of respect, the members present should stand in silence. The institute, he said, extended to Mrs. King and the bereaved relatives, their deepest sympathy.

The main feature of the evening was a lecture by Mr. A. D. Baggs, on automatic volume control. Mr. Baggs traced graphically the effect of AVC, and showed the need for it in modern receivers. He then outlined the principles and applied them to the various types of circuits. In commenting on some of the latest American methods, Mr. Braggs mentioned that a system was now being developed in which the AVC had a choking effect upon the detector. When noisy signals were impinged, the detector cut off so only clear signals could be heard. This he said, was a very important step toward static elimination, and prevented the noise which is so disconcerting when tuning from one station to another.

The paper, together with the diagrams, will be forwarded to all members and associates of the institute.

## Grand Opera Broadcast

### Chorus and Solo Items from 2YA

THE first of two memorable concerts to be broadcast by the chorus of the Imperial Grand Opera Company is scheduled for Sunday next, November 6, at approximately 8.15 p.m., from 2YA, and will be broadcast also on relay by stations 3YA and 4YA.

Sunday's concert will be given by the male chorus of the Opera Company, and will include the following items:—

CHORUS: "Peaceful Slumbers"; "Midnight Shadows" (*Un Ballo in Maschera*) (Verdi).

Soloists—D. Maxwell and S. James.

CHORUS: "Opening Scene—*Lucia di Lammermoor*" (Donizetti)

Soloist—G. Livermore.

CHORUS: "Zitti Zitti"; "We Go in Secrecy" (*Rigoletto*) (Verdi).

CHORUS: "Soldiers' Chorus—*Faust*" (Gounod).

CHORUS: "Drinking Chorus—*Tales of Hoffman*" (Offenbach).

BASS: G. Veevers, "Hear Me, Ye Winds and Waves" (Handel).

BARITONE: M. Brien, "My Dreams" (Tosti).

TENOR: R. Baxter.

An added attraction at the concert will be the appearance of Madame Annette Chapman, the gifted Dunedin mezzo-soprano, who will sing the following numbers during the evening:

"Love Eternal (Brahms).

"Dort in der Weiden" (Brahms).

"To-morrow" (Strauss).

"Standchen" (Strauss).

"The Wraith" (Schubert)

ON the following Sunday, November 13, the mixed chorus of the Opera Company will present another fine programme from 2YA, the numbers to be broadcast including:

"The Torcador Song" (*Carmen*) (Bizet).

"Cigarette Chorus" (*Carmen*) (Bizet).

"Anvil Chorus" (*Il Trovatore*) with Soloists (Verdi).

"Misere Scene" (*Il Trovatore*), Chorus and Soloists (Verdi).

"Valse" (*Faust*) with Soloists (Gounod).

"Quartet" from *Rigoletto* (Verdi).

Solos will be contributed by:

Evelyn Hall (contralto); Violet Rogers (soprano); M. Brien (baritone); and G. Veevers (bass).

This concert will also be relayed by stations 3YA and 4YA.

### A Modern Studio

GERMANY has done much pioneering work in the field of acoustics and room characteristics. One of the latest successes is a compressible studio for the new quarters of the Hamburg station. One of the end walls of the studio is movable by hydraulic machinery, and the studio is adjustable to the type of performance to be broadcast.

### B.B.C. Televised Programme

THE first television broadcasts of the B.B.C. have been considered more than to fulfil expectations. Images were successfully received at distances of over 400 miles, while reports from the London area unanimously praised the transmissions. The inauguration of television broadcasts has created a great deal of interest in Britain and already the B.B.C. is being urged to erect stations in other parts of the country.

## Alfred Quaife

### English Pianist from 2YA

THE Broadcasting Board announces another special attraction on Friday, November 4, when Alfred Quaife, the brilliant English pianist, will broadcast from 2YA a short recital at 8.30 p.m.

Mr. Alfred Quaife is a native of the Thames-side township of Chiswick, in Middlesex, and almost within the boundary of the County of London.

He received his early musical education at the Brighton School of Music, and in 1905 entered as a student at the Royal Academy of Music, where he studied pianoforte playing successively with Cydney Blakeston and Frederick Moore, and also privately with Tobais Matthay. Frederick Corder directed his training in harmony, and he received lessons in the art of singing from Frederic King, he studied the French horn with M. Borsedoff, and for some years played the tympani in the Senior Orchestra.

At the termination of his full and varied musical experience at the Royal Academy, he made his debut at the Queen's Hall Promenade Concert conducted by Sir Henry Wood, when he was responsible for the first performance in England of the Glazounov Pianoforte Concerto in F Minor.

In collaboration with his brother Edwin he established the Kensington School of Music, which last year commemorated the twenty-first anniversary of its foundation.

War service curtailed Mr. Quaife's musical activities for a period, and in 1918 when he resumed his profession he was appointed examiner to the Associated Board of the R.A.M. and R.C.M., and later accepted a professorship at the Tobais Matthay Pianoforte School.

In 1920 and 1922 he toured Canada, Australia, and New Zealand as examiner for the Associated Board.

Mr. Quaife is primarily a specialist in pianoforte teaching, and has frequently adjudicated pianoforte playing at the leading competitive musical festivals. In addition he has found time for recitals and other public performances at Queen's Hall, Wigmore Hall, and the Bournemouth Pavilion, where he played for the British Broadcasting Company.

A farewell recital previous to his present tour was given on February 23 at the Kensington Town Hall in London, when an appreciative audience listened to an exacting programme characteristic of his highly developed artistic temperament, and marked by refinement of style and delicacy of executive skill.

During Mr. Quaife's present tours he has given recitals and lectures in Trinidad, Barbados, Montreal, Vancouver, etc., and has broadcast for various corporations in Canada.

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| 9-Volt C Battery | 2/6  |                      |      |

THE strictest country in the world in the matter of wireless licenses is probably Bulgaria. Failure to pay an annual fee of 7/6 may incur the penalty of a fine, together with a year's solitary confinement. Yet last year, although less than 4000 licenses were issued, the authorities had every reason to believe that there were at least 8000 persons operating receiving sets.

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# STATIC

by  
"SPARK"

IT hardly seems right that Miss Dora West should reserve her finest talk for the limited range of a B station, but so it happened, and listeners were fortunate if they tuned to 2ZW last Saturday evening. In this talk, entitled "Great Personalities and Powers," Miss West excelled herself. There was deep significance in the story of her niece who, at Madame Tussaud's waxworks, had her attention drawn to an effigy of the Kaiser, and whose enquiring mind prompted her to ask, "Who was he?" Prior to leaving London one of the leading journals conducted a plebiscite among its readers, in which they were asked to name the six greatest men of the world. Up to the time of her departure the first two places had been filled by Jesus of Nazareth and Buddha, and there was profound import the speaker thought, in such a selection, made by the people of the business capital of the world. In making a list herself Miss West said that she could not disturb the first two, whose religious teachings had established harmony almost universally. In making the next addition Mrs. West considered that Julius Caesar should be given the place. He had given Britain law and this had infiltrated throughout the world. Next in her speculative preference she would place Oliver Cromwell, who had given us the liberty that all the world claims to-day, and after him Miss West would place Lincoln, who also disposed of the tyrant. The speaker was dubious of her selection, following the first two, as so many great names arose in her memory, but what of the last in such a limited number? What of all the great philosophers, Plato, Aristotle, Socrates, the great physicians and the scientists, Darwin who dared to open the book of truth, what of the great litterateurs—could Will Shakespeare not be given a place, or what of Charlie Chaplin, who has made the whole world full of joy? Miss West's speculations in the Pantheon were a few moments that will be long remembered.

IN his lecturette, "Films and the Life of a Nation," Mr. J. J. S. Cornes (3YA) said that while he did not pose as an authority on the subject, everyone would recognise that there was a common-sense attitude that should be taken with regard to the cinema. In his survey he was not concerned with the ethics of members of Parliament owning theatres or whether the commercial or educative interests should predominate. Now and again some placid magistrate was stirred to wrath by a pastor, but generally there was an ironclad morality about pictures that did not reflect actual life. Even

## KFI Powder

"BORAX" and "Glycerine," two radio fans in a New Plymouth chemist's shop, send the following, which has been awarded the 5/- prize for the best par:—

For skin troubles, etc., a local doctor is in the habit of prescribing Bismuth Formic Iodide powder, which cumbersome name is always abbreviated to B.F.I. powder. A prescription recently presented at our shop, however, read as follows:—

"K.F.I. powder, send one tin. Directions: To be dusted on affected parts."

On receiving this, "Borax" and "Glycerine," remembering that two aerial masts had recently appeared at the doctor's house, smiled at the slip, dispensed what was really intended, and thought it was an excellent chance to win five shillings.

Tom Mix, the colossal ignoramus with a Croesus income, who felt it a bounden "dooty" to continue operations because he was the idol of the infantile, did not reflect realism. Despite the private lives and the living hypocrisy of Hollywood stars, Hollywood's theme in all productions was the triumph of righteousness over sin. There was a tedious monotony of the wrong-doer ending on the scaffold, and the loose woman's restoration to sanctity at the penitent form, that gives a misshapen outlook upon life. In the Russian picture "The Road to Life" was something real which portrays with dynamic drama the rehabilitation of the unclaimed waifs of tender years, that were born of the revolution. This is an episode of Red Russia that is real Russia, in which pathos and humour are finely handled in expounding Tolstoyan ethics.

All Europe and America has seen this production, but said Mr. Cornes, "while the Government of this benighted country persists in the picture's exclusion from New Zealand, he and others interested must perforce be content with reading of the masterpiece." All reports extol the wonderful photography which discards Hollywood marcelles and rouge, and the utter truth and realism that makes this historical screening something worthwhile in the cinema world.

A timely winner was the production from 2YA, by Mr. Victor Lloyd and Company of the comedy "The Sport of Kings." There wasn't anything royal about the leading character of the play unless he could be dubbed the "King of Wowzers" when he would be easily an odds-on favourite. Many of that ilk are among us, and no doubt a few of the ultra conscientious switched off, very few perhaps, but I'm sure a great number had many hearty laughs. Mr. Lloyd and his talented players have never done anything better. More please!

WHEN speaking from 3YA on "The World Agricultural Crisis," Mr. Norton Francis mentioned that the North Island was agitated by the wheat duties, and in extenuation of the present legislation drew attention to the wheat bounty granted by the British Government. The analogy is not a perfect one by any means. Creditor nations may with a certain amount of impunity over-ride sound economic laws, but New Zealand, being very deep in pawn, cannot afford permanently to bolster up a rickety business that floats largely by voting power. The annual increase in population of the South Island indicates a moribund state, and as stated by Mr. Francis, the peoples with the highest standard of living are gradually but definitely reducing their consumption of wheaten products, it would seem the industry is moribund too. If New Zealand relied on wheat to pay interest on foreign loans, there might be a temporary excuse for the legislative manipulation of economic laws, but seeing that poultry and pigs need the produce, that enlightened people are discarding, and poultry and pigs do help to pay "Uncle," the North Island has ample cause for complaint.

WITH the thrill and excitement of personal exploits, often within the enemy's lines and always in danger of capture and death, I'm sure no series of talks has captured the attention of listeners more than the Secret Service stories of Major John Lewis, from 2YA. Recounted as they were with the modesty that characterises a very gallant gentleman, whose patriotism was a consuming flame that welcomed hardship and ill health in a righteous cause, listeners' appetites have been whetted, and it is to be hoped that Major Lewis will resume the series in the near future.

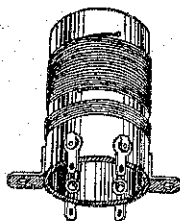
2YA broke fresh ground last week with two programmes of outstanding merit and originality. The "Evening With Royalty" on Wednesday was one "out of the box" and afforded striking evidence of what can be done with gramophone records when handled by a "producer" who knows his job. It is safe to assume that had these records been merely presented without a theme, or, in other words, as a "miscellaneous programme of recordings," they would probably have fallen flat, but, handled as they were by "Mr. Heigh-ho," they provided a delightful evening's entertainment. At eight o'clock I had no intention of listening to the whole programme, but the method of presentation kept my interest and I would be surprised to learn that it did not do so with many thousand others. Few listen to the full course of a broadcast programme merely because of dull presentation and it will one day be realised by broadcasters that announcers should be encouraged to display originality, personality and versatility and not be restricted to the formal "You are now to hear Peter Dawson—bass-baritone." The redundancy of regular announcements has often made every listener in the land switch off. How many thousand times are we to hear again that Peter Dawson is a bass-baritone?

THE radio journey through southern England accompanied by "Mr. Heigh-ho" on Sunday evening was a highly original programme and refreshing. It must have awakened pleasant memories in the minds of many listeners who know intimately the various spots touched upon by the "courier." More programmes upon these lines, which incidentally cost the board nothing, will go a long way in furthering the popularity of radio with those who find fault with local talent and "miscellaneous programmes," who have no character or sustaining interest. Sooner or later broadcasting authorities both in New Zealand and Australia will realise that radio programmes to achieve a hundred per cent. success, must be regarded as a medium of expression for a fully qualified "producer." In the world of the "movie" entertainment the producer ranks as equally important, if not actually more important, than the performer. This fact is not only recognised, but plays a major part in the marketing of a production. The producer is widely advertised and picture patrons select their entertainment largely from the name of the producer. It is not inconceivable that one day radio programmes will be announced and advertised as "a — production."

THE comments of Dr. Stuckey, of the Mackenzie Memorial Hospital, Tientsin, North China, at the Rotary

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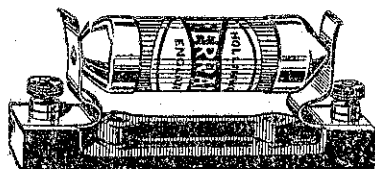
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Club luncheon, and relayed by 2YA, were worthy of notice, seeing that New Zealand may be vitally affected by events that may happen in the northern Pacific in a few years. Having been resident in China for 27 years, the Doctor is able to speak with some authority. No foreigner has a better opportunity of knowing and studying the people than the medico and the missionary. It was said that we were liable to erroneous conceptions of the Chinese by judging them from the types we have in our midst. China has a wonderful literature, one of the finest in the world, and the Chinese gentleman is an ornament to his nationality. The brain capacity of the Celestial is equal, if not superior, to that of the general average European, and medical students were remarkable for their faculty for learning and memorising. The intense vitality of the Chinese, their proverbial commercial morality and their colonising characteristics were well known to all. An anomaly inexplicable is the speculation practised by the official classes, which contrasts strangely with the innate honesty of the Chinese in their labour and commercial dealings. As an instance of national mental alertness the improvised dialogues of a stage production were mentioned, and it was questioned as to whether any other race could so efficiently and entertainingly add extemporaneously the dialogue to the mere outline of a plot. The Chinese love of children was a most outstanding characteristic, and European children brought up and tended by an amah are invariably spoiled.

DR. STUCKY had some very interesting information to impart in connection with Manchuria and the conflicting Chinese and Japanese interests. Like Belgium in Europe, Manchuria is the cockpit of Asia. It is here that three great nationalities meet, and here lies untold wealth to be gained from cultivation of the soil, and from the vast stores of coal and other mineral deposits. China, with her eighty per cent. of total illiterates, and her attitude toward progression in the past, had very much neglected Manchuria. To-day, although the country was torn asunder by political conflicts, banditry and factional interests, the intelligentsia of China realised that adoption of Western civilisation was necessary, and Manchuria was essential to her national aims. In the last fifteen years over ten million Chinese had emigrated into Manchuria, and the system of farming suitable for the country was one peculiarly suitable for the Chinese, who practised throughout the centuries, dry farming, when the Japanese were developing wet farming methods.

THE surgical operations that 2YA studios have been undergoing have been responsible for some very queer noises issuing from their inside. On Labour Day night the reverberations were as mixed as the climate, and so far as some of the vocal items were concerned they might just as well have been sung in Tamil or any other gibberish. Madame Betts-Vincent's first bracket of pianoforte numbers came over really terrible, and a barrel organ with its works adrift could not have hashed them more. I understand the

board is determined to make the studios perfect, and listeners with quality receivers will then refrain from complaining about the dealer who did them.

THE overture has a story. When it was first used it was a flat failure. Changes were made and it was again used. The second fiasco caused the director to forbid Suppe from making further use of it. However, the restriction did not stop him, and the third time when it was given it was a great success. In need of money, he sold the composition to a Munich music publisher for eight dollars, the buyer profiting greatly by the transaction. If Suppe gained little cash from "Poet and Peasant," it proved a sure passport to fame for the two hundred operettas and musical farces which flowed from his pen in the years that followed. As a youth Suppe was intended for the law, but music, like murder, will out, and his destiny was apparently fixed. After much pleading with his father he was allowed to learn the flute at the age of eleven, but neglect of usual school studies and the achievement of Zero in their respective examinations led to father Suppe smashing the flute, a duplicate of which young Franz very soon acquired through persistent pleadings and promises.



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# Purchase of YA Stations

## Basis of Judge's Assessments

THE text of the award made by Mr. Justice Blair, who acted as arbitrator, in the dispute between the Government and the Radio Broadcasting Company over the valuation of the company's assets which have been taken over by the State was presented to the House of Representatives last week by the Postmaster-General (the Hon. A. Hamilton). In a covering memorandum the Minister states that the valuation of the assets of the company made by the officers of the Post and Telegraph Department amounted to £27,353, but the company claimed £85,812. The price fixed by the arbitrator was £58,646 6/2. Incidental to the purchase of the plant and apparatus from the Radio Broadcasting Co., it was necessary to pay the company the sum of £5000/8/8, representing interest on the amount of fees collected on behalf of the company and held by the Post and Telegraph Department in the Broadcasting Fund.

"In accordance with the Broadcasting Act, 1931, I required the Broadcasting Board to pay the sum of £58,646/6/2 for the stations and plant taken over by the board," stated the Minister. "That amount has been advanced by the Government to the board by way of a loan, repayable in quarterly instalments over a period of ten years, with interest at the rate of 6 per centum per annum, reducible to 5 per centum per annum if paid within twenty days of due date. The new agreement with the board provides for payment by the Department of five-sixths (i.e., 25/- per annum) of the fees received from listeners. Of the balance of the annual fee (30/-), 3/- per annum is paid by the Department for patent rights to Amalgamated Wireless (Australasia), Ltd."

### Plant Depreciation.

"UPON the question of the factors to be considered in the question of depreciation there was difference between the point of view of the Crown and that of the company as to what were to be considered as constituting depreciation," Mr. Justice Blair said. "The company did not dispute that wear and tear, age, or obsolescence were factors which properly came into consideration. The Crown, so far as the broadcasting plant was concerned, claimed that the factor designated as 'obsolescence' must also be considered. . . .

"If the Crown's contention be sound, then the purchaser of the stock-in-trade of a vendor of perishable goods—say, meat or butter—could say that as the stock would perish in a matter of days or weeks the true market value of the goods at the moment of sale must be depreciated because of this quality of 'obsolescence' inherent in the goods themselves. This quality of 'obsolescence' cannot to my mind be divorced from and separately assessed from the market price, as the Crown has claimed to be able to do.

"It is a taint inherent in all evanescent goods, and, as such, affects the

market price itself, but cannot be supersubtracted from the market price as a further depreciating factor separate and distinct from the market price. I therefore reject the contention of the Crown that special depreciation must be assessed in respect of the quality of 'obsolescence' inherent in all broadcasting equipment. . . .

"This plant to-day," continued his Honour, "is worth the market price of such an equipment if purchased new to-day in competition with later, better designed, and more efficient plants, but, subject to the additional deduction due to the fact that the company's plant is not new, but is second-hand."

Although the company's plant had been in use for four years or so, it was to-day just as efficient as when it was new. And, given reasonable maintenance and renewals for certain wearing parts, such as valves, generator bearings, commutators, and the like, the plant had more or less indefinite life. It may be said that having been in constant use for three or four years, any hidden defects in manufacture had now had time to disclose themselves and be corrected.

### Lack of Practical Work.

THE experts for the department were handicapped by the fact that they had had little experience in the practical work of broadcasting, and their evidence was in the main theoretical and derived from study rather than practice. The expert for the company, Mr. Bingham, in addition to theoretical knowledge, had behind him the valuable practical experience of supervising the company's operations for about five years. This officer was being taken over by the department, and his evidence was given with the utmost frankness and sincerity, and, his engagement with the company being terminated, he had no possible interest in being other than fair to the department, which was now his employer.

"Indeed, it might be said that as he will be in charge of the plant and responsible for its satisfactory functioning, his interest would be to point rather to its weaknesses than its strength. . .

### Future Developments.

"THE department's officers all expressed the view that 60 per cent. depreciation should be allowed, but once the theory of obsolescence is rejected the whole basis of the Crown's case is gone, and they do not help me by offering any alternative. A great deal of evidence tendered by the Crown dealt with the question of obsolescence, and with speculation as to the possibilities of future developments in the art of broadcasting. . . .

"If the department had gone into the best markets in the world for the purpose of getting equipment equivalent in power to that used at the company's stations, it would have been compelled to buy a plant similar in design to that used by the company, but with certain modern refinements.

"If in a year or two such advances

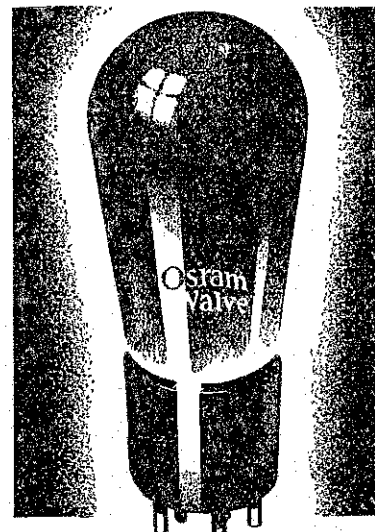
were made in the art of broadcasting as made that plant obsolete, this would not have affected the price the department would have had to pay on January 1 last for the latest system in vogue on that date. The company does not dispute that its plant should to some extent be depreciated in price by reason of the partial obsolescence of portions

of the plant, and by reason of some slight ageing or wear-and-tear in the plant. . . . The company for income tax purposes and possibly for the purpose of making generous provision for depreciation made an allowance for depreciation of 10 per cent. per annum, but it contends that physical deterioration of the plant is negligible."



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**T**HE bright spot in IYA's programme last week was the first cruise of "Old Wire Whiskers," from the Auckland station. It was great stuff from end to end, no boasting about it, but it had the tang of the sea in every syllable. It was a stirring story very well told, the best thing of its sort I've heard over the air and along with many more, I look forward keenly to the next "Lie from a Skipper's Log." The "Kathleen Hilda," a new Zealand barque with an all New Zealand crew was loading in New York. Every man for'ard later held his master's ticket: some later commanded large steamers and one is now an Anglican parson in the Dominion.

**B**UT it wasn't of the "Hilda" the lecturer dealt. He was in the fo'c'sle of a Yankee ship with a driving Down-East skipper and German and Scandinavian Yanks as bucko mates. The Yank challenged the "Hilda" to race from Sandy Hook to New Zealand, and a silk hat was made the stake. The Yank's crew, mostly drunk or doped were put aboard by the crimps and with boot and belaying pin soup those mates started 'em moving. There were Greeks, Belgians, Turks, Spaniards, and Bulgars, half the races under heaven in fact, but as the "Old Man" said they must beat that "old Bluenose Maori" at all costs. The mates soon knocked some sort of ship's English into them. She became a "blood-ship," but the mates had taken the sound precaution to grind the points off all the sheath knives of the crew.

However things went wrong. The Old Man's dog committed deliberate suicide, and they saw a mirage of a dismasted ship, which all hands deemed unlucky. They cracked on, 10 or 11 knots through the S.E. Trades and with the ship wet as a half-tide rock and two men at the wheel, did 14 running the Enslaving down in the Roaring Forties. There the two mates, one holding, the other booting, smashed in three of the speaker's ribs and made a holy mess of his face. He vowed to break even with the pair, and even when the skipper heard of it, later, said he would "butter his own bread." Carrying on in a heavy squall and in pitch darkness, the rudder broke adrift and 40 feet of the mizzen mast crashed on deck, while sails thundered and split loose. Two-thirds of the spars were broken or damaged and the ship quite out of control.

They drifted helpless down to 62S, before the ship could be brought round, then still with no rudder, sailed north for 1500 miles. There in calm seas, they rigged a jury rudder and limped into Mauritius 180 days out from New York.

The lecturer (with some others of the hardy used crew) went into hospital there to mend his ribs. When he came out he found the second had been fired and, ashore, paid half his debt with interest. At sea again they lost a royal yard in a hurricane and took another 90 days to sight Port Chalmers, a total of 307 to the "Kathleen Hilda's" 98. (There the debt with the remaining mate was paid in full.) Both vessels finally ended their days in Auckland harbour. As it was told that race half round the world made an epic story.

**A**UCKLAND'S City Engineer, Mr. J. Tyler, an Auckland boy, who has climbed to the top of the tree in his own home town, in his initial appear-

ance before a IYA microphone, told listeners of the wealth of data required in a town-planning survey which he described as a civic stock-taking. Among many benefits that would follow such a survey he contended that land values would be stabilised by effective zoning.

**T**HIS last week musical items of real merit were again as scarce as oysters in midsummer. At one time Wednesday used to be band night at IYA, and this rule was revived when the Congress Hall Band provided last

he told how Angelina was added to the strength of the British Army. A Pathan came to his office and asked what he'd give for a new recruit, and was told the usual 5 rupees. The visitor produced a tiny snow-leopard cub, Angelina, who at once upset a full inkwell over the Sahib's official papers, scared seven bells out of a police officer and, later, enthusiastically scratched an irate Colonel behind his knees. So Angelina was put in a zoo and chained on account of her fierceness. Six months later the captain saw her, called in Pushtu and the

## Auckland Notes

By "Neutron"

### Grand Opera

#### The Imperial Opera

#### Male Chorus

Assisted by

Madame Annette Chapman

will broadcast from 2YA.

Sunday, November 6

Relay to 3YA and 4YA.

Numbers include:

"SOLDIERS' CHORUS" from "FAUST."

"ZITTI ZITTI," from "RIGOLETTO."

"LOVE ETERNAL" (BRAHMS).



Wednesday's programme. The band is not the best in Auckland, but it was a pleasant evening to which Mr. M. T. Schroder's fine baritone contributed its full share.

**M**R. G. O'HALLORAN took us far back into the Dark Ages when he spoke of "The Art of the Troubadours" from IYA, to the period when intellectual night had fallen over 11th Century Europe. As Latin decayed, a new language of romance type took form in French Province, and while the rest of Europe was almost barbarian, here literally, thousands of wandering poets sang their lyrics or retailed their epic verses of these latter some, said the speaker were as much novels as "Vanity Fair" or "Tom Jones." The "best-sellers" of this Provencal period were not remarkable for their morality, but we of this cinema age can hardly be censorious—as the censor isn't. One of the interesting things about this great output of poetry and minstrelsy is that it took place in this limited area while, for instance, Ethelred of England was massacring his Danish mercenaries so that other Danes could show what a real massacre could be, while the balance of Europe was about equally intellectual.

**C**APTAIN FALCON continues to furnish us with light and shade on India's North-West Frontier. First

sweet young thing came to him. He explained to an amazed attendant that he had a way with wild animals, but declined the suggestion to enter the cage of a truculent tiger on the ground that he only did these things once each day. Captain Falcon commanded a Pathan Territorial Battalion and most of his men were potential rifle thieves and robbers. The police once rang up to say: "Did you know that Abdul Something or Other, the well-known dacoit and all his gang are in your battalion?" Abdul, sent for, proved to be a pleasant little man speaking excellent English, who said he was formerly a clerk but found rifle-pushing far more interesting than pen-pushing. A bargain was struck that Abdul and Co. should vamoose and steal no more British rifles. Abdul even offered to go round the camp with the Sahib and show how and where an expert such as he could collect many rifles, despite all existing precautions. It was interesting to learn that his checkmate ideas on rifling rifles are in the Indian Army regulations of today. Finally the Captain told of company sports when eight men aside held the tug-o-war rope. More and more spectators joined in till finally those who could not pull on the rope pulled out their knives. British troops present had a busy time getting the Pathans to their tents with a promise that any tribesman who put his head outside the canvas would have it filled with lead. Even a sports meeting has pos-

sibilities on the North Western Frontier.

**T**HURSDAY, as a change, IYA broadcast the final debate for the Athenaeum Cup between teams representing St. John's College and the Papatoetoe Debating Club. "That Britain and the U.S.A. have a common destiny" was opposed by the Collegians, with Mr. M. Sullivan able chief spokesman. Both sides called the citizens of the U.S.A. the American people, which they aren't—yet. There may seem something offensive about the term Yankee, still our orators should not connive at the biggest stain in history—the theft of two continents. To a point the debate was interesting then interest flagged. There's no doubt these whole evening discussions, however good, do tend to drag. But don't let's be hypercritical: at least it was an effort at variety, something of which IYA is far too seldom guilty. By the way, the cup for which the orators debated was lost some time ago, so St. John's, the winners, get a scroll to say they've won the Cup.

**I**YA has discovered a new humorist with possibilities, Bert Hall, capable of providing his own material. As the simple country lad (a pretty rare bird by the way) with some sense to his nonsense, he was clever, and reminded of Sandy of 2FC, but his finale with rhyme, but no reason was tiresome rather than funny. Still he's a discovery and worth watching.

**I**N her final talk, on "Maori Weaving," Miss L. M. Cranwell was as interesting as ever last Thursday from IYA. Among other things she mentioned that old Maori flax yielded 15 per cent. of fibre against the 2 per cent. of Manila. The Maoris brought paper mulberry and other islands plants to provide material for weaving, but these gradually died out, and they were forced back on the products of the local forest. That they succeeded so wonderfully in producing articles of beauty and utility for wearing or other use and generally in adapting themselves to the new conditions in their adopted country, suggests that here a race was evolved superior in many ways to the Polynesians of the Islands. Did you know too, that the intricate and often beautiful patterns on cloaks and mats were close tribal secrets, and it was a deadly insult for a stranger to inspect these too closely.

### Political Broadcasts

**T**HE Radio Act of the U.S.A. permits broadcasting stations to refuse the use of their facilities to all political candidates, but it provides that if one candidate is allowed use of the facilities, equal opportunity must be offered to all other candidates. Under the law the station has no right of censorship over material broadcast by politicians other than to see that no obscene, indecent, profane, or defamatory language is used.

**A** WIRELESS station in France recently conducted a radio tour of Europe. This took the form of a relay from the principal broadcasting stations of Europe.

## Answers

**Bulova.**—Probably have no place in stations identified.

**"Battery"** asks certain questions with regard to the Competition. The replies are:—

1. The band available for the Competition is from 540 k.c. (555.6m.) to 1500 k.c. (200m.).
2. The hours given for summer daylight are standard.
3. We are sorry you do not agree with us with regard to 2KY and 2UW.

## Address Wanted

**VK4MW** heard from 8 p.m. onward on (1500 k.c.) Tuesday and Friday night last week.—5HB.

## Stations Identified

**1S:** KTFI, Twin Falls, Ida. 500 watts, 1240 k.c. (242 m.).—Ed.

**128MC:** VK4LW, Rosali, Brisbane (1500 k.c.). Manku—Breslau (925 k.c.).

**Radio.**—Your Europeans are: (590 k.c.), Brussels No. 1; (690 k.c.), Stockholm; (570), Riga; (850), Graz; (600), Florence, IFI; (1030), Viipuri. Japs are **BONK** (680 k.c.); **JQAK** on (645).—Omsk.

**A.N:** KFOX (1250KC).—Manku; Prague, 617 k.c.; and Breslau, 9.23 k.c.—Bulova.

**"Radio"** (Wellington): American on 3BO (970 k.c.) is KJR, Seattle, 5 kw. Australian amateurs do not transmit below 1200 kc., so station on 1135 kc. must be 6MW, Perth.—113A.

**A.N.** (Wellington).—Last night (27/10/32), I heard a station on approx. 1305 k.c. Announcer called 4ZD, Cromwell. I followed programme, part of which was sponsored by a Dunedin firm from 7.30 p.m. to 8.30 p.m. Station went off air several times for adjustments. Perhaps J.L.L. (Cromwell) could give us some information about this station. Strength of station was about R5, with rapid fading and distortion.—6TMC.

## Identification Wanted

Station on 1240 k.c., 241.8m., giving the call KGFI. Heard on Sunday, October 16, closing down at 7 p.m., N.Z. summer time. As KGFI broadcasts on 1500 k.c. this apparently was a relay.—L.S.

**American** heard on 1040 k.c., 28/10/32, at 7.45 p.m. Items were given out in groups; several fox trots and tangos were heard, then announcer said: "Operating on 1040 K.C. by authority of the Federal Radio Commission," and then went off.

Chinese or Jap station on 680 k.c. heard every night, comes in about R6.

**American** station on 1280 k.c. heard on 15/10/31; Phil Harris's Band playing at the Coconut Grove was heard very plainly, and Phil sang "Oh, Monah." Was this a station relaying KFI, Los Angeles?—DX124W.

**What American** is located in Washington, D.C., with a call sounding like WGF—, and working on 1450 kc. (frequency is O.K.), closes down at 6 p.m., N.Z. summer time?—113A (Bay of Plenty).

**What is the American** on 1180 k.c.? The announcer spoke with an American accent, and I tuned him in just as he said, "Good morning, everybody," about 1.45 a.m. Also a station about 1540 k.c. This station was surging, similar to short-wave. The item being broadcast was a song by a male performer.—"Brunswick"

## DX Topics

**LATEST** Americans include KFAC, KFRC, KHQ, KHJ, KTAR, KFSD, WTAM. Best Europeans are Hellsberg (Konigsberg) and Bordeaux Lafayette. I would like to get into touch with dxers using a Rogers a.c. model 710 set, in order to compare results, etc.—67 MC.

# News and Views of the DX Club

## Does 7UV Verify?

**HAS** any dxer received a verification from 7UV, Tasmania yet? It is about two months since I sent my report in. I have just received a verification from WCCO, Minneapolis, of test broadcast on August 21.—191A.

## 2UW Special.

**CONGRATULATIONS** to 2UW. It was certainly a great dx "special." Perhaps some other dxer might be able to inform me who secured this special—was it H.Q. or one of the New Zealand secretaries?—"Sally" (Gore).

[It was secured by one of the secretaries.—Ed.]

## Non-Reply Stations.

**STATIONS** on my non-reply list, three months overdue: 4ZL, 1ZQ, 2SM, 3HA, 7XL, KMOX?, KZRM, KFPY?, KDB, KCRG, KTRH, KRID, XBR.

Reception for American stations has been bad here lately. The Australians are very strong, logging 3AR, 4QG, and 2KO, daylight reception; all before 5 p.m.—DX150W. (Wanganui).

## Card From 3LR.

**I** RECENTLY received a card from 3LR, but there were no details with regard to their hours of transmission. The frequency is 5800 k.c. I forwarded a report to certain overseas stations enclosing the usual postage for reply. I received my verification by return mail, and the postage stamps were enclosed. So much for the charm of dx notepaper.—149W.

[The address of 10.O. is: H. Stephens, c/o Railway Station, Katanning, West Australia.—Ed.]

## Dxers Not Corresponding.

**HAVE** any dxers written to any of the transcontinental dxers whose names

were published in the June issue of the "Times," and received a reply? I wrote simultaneously to six New Zealanders, one Australian, and two Americans, and so far I have received letters only from the two Americans, who answered quite promptly. I am using a 5-valve A.C. set, and I have greatly increased my range and selectivity by incorporating a wave trap. It brought in stations I had not heard before, including XER, Mexico, WCCO, KOA, KGO, and 2ZK.—29MC.

## Evening Reception and Americans.

**RECEPTION** of American stations in the early evenings has fallen off somewhat. East Coast stations and central ones, like WENR, WABC, WLW, are very good, but KFI and most of the Californians are very much weaker. At midnight, however, the Americans are stronger. KMOX is best, while WLW, XER, and WLS are very powerful. WLS is heretofore JOAK badly, and WBBM can be heard through JOAK. I logged two new ones one night—KMMJ, Clay Center, and WJJD, Mooseheart. At first I took the latter for KSL, but the call given was WJJD. At 2.30 a.m. KFI came on, and was good for a while. KTM, KFOY and KOL were also audible at this time, and many others yet to be identified.—Bulova.

## Latest Verification.

**I** WROTE KZRM on July 17, and the replies have just come to hand. Particulars from their card indicate that the location of the transmitter is on Manila Heights, it is crystal controlled, with a power of 50 kilowatts. Wavelength 485m. (618.5 k.c.). Antenna height, 300 ft., the antenna being of the inverted "T" type. The studios are situated on top of the Insular Building, at Manila, Philippine Islands. The standard time is 120 deg. E. Meridian.

I recently received a reply from WCCO, seven weeks before writing. Incidentally

I see a local dxer received a card from 2ZK after the same lapse of time. Stations on my non-reply list are: 2SM, 3HA, 2KY, 7ZL, 4ZL and 4ZP-115W.

## Breslau Controversy.

**FROM** a card I learn Breslau opened August 28, 1932, is rated at 60 k.w., and transmits on 920 k.c. (325 m.).

I see by this week's "Wireless Weekly" that the war is still raging with several New Zealand dxers.

Re the list of no-reply stations, mine are: 3HA, 4ZL, 7ZL. My cards to hand are KFI, 2GB, 2ZW, 2ZP, 2ZK, and more. Also six or seven on the way. My log stands at 98 stations now. The last two are the harder to log than the first 20, I think.

Re the special transmission from 2UW on the 15th inst., I listened at 12.30 p.m., and heard the announcer give his closing announcement and then played "God Save the King," and closed down.—141A.

## Europeans at Good Strength.

**WE** have had a period of easterly winds which seems to have affected the reception of Americans, who are not nearly so loud as usual. The Europeans continue to come in better than ever. Breslau and Milan were R7-8 on 18th inst., while Genoa, Hellsberg, Lwow, Bucharest, Bratislava were R4-5 on the same morning.

2LO is heard fairly often, but volume is never above R3 except on 18th, when I held them for an hour at R3-4. Also heard a Mexican on 1270 k.c. on 14th and 18th inst. CFCT, B.C. was heard at R2 recently. VAS was heard on 16th inst. at 8.30 p.m., held him for 25 minutes. KSL, Salt Lake City, was heard testing on the 19th, coming in R6. I notice some dxers give call of Chinese station on 680 k.c. as XGOA. This is incorrect, correct call being XGOA. Address was given in last week's "R.R."—Omsk (Whakatane).

## New Verifications.

**LATEST** verifications are 2GB, VK2EK 5DN, KGA and KTRH, and 4ZC, Cromwell. 2EK transmits on 1160 k.c., 12.5 watts. I received a card from 5DN (an excerpt from KTRH):

"Recently we came across a number of letters from dxers, among which was one from you with postmark 'May 7,' and there was no record of it having been answered. I had already received one from them, so 'Bulova's' may turn up yet. 4ZP, Cromwell, would appreciate reports. Address, J. I. Bilton, Cromwell. Schedule: 12 p.m. to 1 p.m. daily. Sunday, 10-12 a.m. Thursday, 8-10 p.m. Frequency 1260 k.c., power 25 watts."

Reception has been poor lately. The Americans in the early evenings have been practically inaudible, but in the late evenings came in at good strength, KNO3 being among the best, with WLW a good second. KSL has been heard at good strength also.—Ranganui (Dunedin).

## Verification from 3ZR.

**3ZR** asks us to notify all those who have not received verification cards to communicate with the station immediately. The majority of verifications were suspended pending the printing of new cards. The transmission hours have been revised, and greater power is now used. 3ZR requests reports from the various districts in N.Z.

"Some enthusiasts send in, and continue to send in, reports of 3ZR on 820 k.c. We notice in a recent "Record" one enthusiast's protest against his not receiving a card. He reported stating he heard us on 820 k.c., whereas we had been on 1300 k.c. for some weeks prior to the date of his letter.

"Concluding we wish to advise that owing to increased efficiency of our staff, all correspondence will receive immediate attention for return mail."—M. E. Spiers,

## Good Dxing.

**DURING** the past few weeks dx has been very good indeed. A power leak up this way has been very troublesome during the rough weather, but

## Where Are We Heading?

### A Challenge to Present Dxers

**I** DO not know if I am at liberty to use this suggestive title, but I feel it is appropriate when one seriously considers the Dx Club news and views of the last few issues. Probably I shall be unpopular, before I have finished; someone should take it upon themselves to call a halt.

The question has been asked where are the old writers, and as I consider myself one of those, I have been quietly sitting back and digesting the news which appears to-day, and comparing it with what constituted dx news some two and a half years back. When S. Ellis, "Kausparker," "Amazon," "B.W." (Stratford), "D.N.A." (Timaru), "M.B.S." (P.N.), "Bob" (Lyall Bay), "Cromdale" (Otago), and a few others used to express their views, and report on new stations, they were real dx. We had no books to work upon, and a station call must be heard before it could be logged. What a pity those logs ever came into the country. Nowadays, it seems to me, a carrier wave is picked up, the book is consulted, and there is the station, irrespective of power.

Chinese stations especially are interesting traps, as half the stations which appear in books don't exist.

I was pleased to see 23A (Cambridge) had the courage of his convictions. I don't wish to single out anyone for special mention, but I would like to hear more about the verifications from many of these logged stations. I like N. Jenkins's method. He never considers a station logged until he has definitely heard the call, or written away to a doubtful one, and received verification. I note with interest the loggings of London, Aberdeen, Davenport. No consideration of time in these places at time of logging seems to be taken. Might I say that in September most mention is made of them. Now at 5 a.m. N.Z.S.T. it is 5.30 p.m. in England, practically in the middle of the afternoon, and still at least four hours off dark, which I would consider really good dxing time. I maintain if England is going to be heard at all, it would be December or January, when it is dark at 4 p.m., and just breaking day here.

(Continued on page 24.)

# PILLARS OF THE LAW



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**Pulmonas**

1/6 & 2/6 At all Chemists

static has behaved itself, and some good dx has been heard. A Mexican station on 218 metres (approx.) has been coming in well, but the call is hard to get. It sounds like XEV. KFI is again the star performer, followed closely by WENR, KTM, KSL (very good on test), KMOX, KDKA has been heard very early in the afternoon, but fading badly. KGO very clear but not so loud as usual. A thing I noticed during the past month has been that the lower frequency stations have been coming far louder and steadier than those of higher frequency. The Europeans have reached maximum strength now, and it is amazing the number which are really worth listening to now. Prague has been the best, followed by Graz, Stuttgart, Lwow, Rome, Wilno, Bratislava, Heilsberg, Brno, and a new one to me on 554 kc. (542 m.), which I think is Sundsvall, Sweden.—H. F. Adcock.

## KSL's New Transmitter.

DXERS who tuned in to KSL, 1130 k.c. (265.5m) on Saturday, Oct. 22, certainly had ample scope to display their dxing ability. This station, in Salt Lake City, Utah, has recently increased its power to 50 k.w. On Saturday evening the station was caught in the midst of a Marathon race with itself, on a continuous programme from Friday to Sunday midnight (mountain time equals 19 hours behind N.Z. summer time). On Saturday the transmission was very clear, especially the announcements, and the signals came through at greater volume than KFI, with which KSL was directly compared. There was an abrupt fade in evidence, with a duration of 5 to 10sec., and a period of about 5 minutes, but this was no hindrance to dxing or to general enjoyment of the programme. From 7 p.m. to 8.30 p.m. the transmission was coming through at R9, QSA5, but increasing static reduced this to A6, QSA1, by 11.30 p.m.—188A.

## The Stamp Problem.

RE "Omsk's" inquiry: As we have had visitors for the last two months and I have not a room to myself, or two radios, I have been unable to do any dxing after midnight (when I come home from the office), or any other time, owing to the row I kick up. So I am unable to say at present how the VK's are coming in. In the past they have been few and far between. I hold verifications from VK7DR, 3EF, and 3LU. As I am only, at any time, able to listen from 6 p.m. every second week, I am slightly handicapped. 2AY's verification was received two weeks after report was posted. Radio Saigon in the latest call book is given as 840 kc. (358 m.), 12 kw. I have a faint recollection of reading that they were going off the air for a while, but am not quite sure. "22N," in October "Times": One penny and 1d. Australian and U.K. stamps can be pur-

chased at any of the main post offices, but supply is limited to purchasing six in one day. Try at the Richmond P.O., and if they have none ask them to get them for you—they will. In the "Identification Wanted" column of the "Radio Record" dated 14th, someone was wanting the amateur Australian on 1135 kc. This station would be 6ML, Perth, as no amateurs are allowed to work on a frequency as low as that. They work on 1200-1500 kc.—113A.

## Earthing the Aerial.

I EARTHED the far end of my aerial, and was amazed at the increased volume from stations south or west of me, but found I had almost killed northern station signals. My aerial runs roughly north and south, and it occurred to me that as my lead-in was at the south end this was the explanation of losing north signals with this end of my aerial earthed. By further experimenting I finally brought a lead from the far end of my aerial back to a switch by my set, for ease in experimenting. The switch is a six point one. Each end of the aerial went to two points, two different earths to another two points, and two points were common, so that looping could be done. Now I get the following results:—From 720 to 1300 kilocycles the increase received signals, commence with normal aerial strength at 720, gradually increasing to reach a maximum increase at 1000 kilocycles, then gradually decreasing till normal aerial strength is reached again at 1300 kilocycles. If the aerials are looped through the aerial and earth connections on set, between 1200 and 1300 kilocycles, a very large increase of signal strength is shown. Below 720 and above 1300, I get best results if the earth is removed. The set is a super het. Similar experiments with two other makes of super hets, gave similar results, although at perhaps different readings of the dial.

Similar experiments with three machines not super hets, produced no results.

My normal aerial was roughly 100 feet, now being with the loop back to set, 200 feet.—J.R.C. (New Plymouth).

## Definitely Breslau.

I HAVE been interested in the controversy regarding the station on 923 k.c., about which a good deal has appeared in the last two issues of "Radio Record." I now offer this definite information. The station is Breslau, and the call, which is usually given between 5 a.m. and 5.15 a.m., is "Oster Deutches Rundfunk, Gleiwitz and Breslau" (Eastern German Radio). Perhaps dxers might like to know what the talks are about from Heilsberg (from Hizeberg) and Breslau. On Sundays (Monday here) they are often about sports, frequently horse racing. Other talks heard have been about politics, education, travel, Russia, and what to do in the event of an attack from the air, how to detect gas, etc.

# DX'ers

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"Your 'DX Tuner' is a great success. The first night I tried it out I logged KZRC Cebu, Manila, WXYZ Detroit, Mich., and without it I could only just hear that there was a station there, I would not DX without it now and I think your claim of 25% increase in volume is underestimated as on these stations the volume was increased easily 100% on my set, an 8-tube Super Het.—J. D., Dunedin."

Send Money Order to-day for one of these "DX Tuners."

## On the Wane.

DX has been on the wane lately, so I have deserted the B.C. band for short-wave. To my surprise I received a card from KZRM. I sent him my third report on 16/6/32, and enclosed a reply coupon. According to his card, the power is still 50 k.w.; and frequency 618.5 k.c. (485m.). The address is Broadcasting Dept., Radio Corporation of the Philippines, Manila, P.I. This does not tally with the call book. They operate every night, except Monday, from 6.00 p.m. to 11.00 p.m., their standard time, and would appreciate reports from N.Z. The "Times" is becoming a better paper every month, from the dxer's point of view. I saw a paragraph in the "Record" some time ago, where a member was asking if 4ZR had been heard up as far as Palmerston. I have a verification from him when he was using only 4 watts. What is the farthest north he has been heard?

Re these non-reply stations; I have replies from the following: 2AY, 3HA, 2SM, 2ZH, 4 ZP, 2ZJ, KZRM, 7LA, 2ZF, 7UV, 3ZR, KGER, and KMOX. Some members report these stations as not having replied, but with the exception of KZRM, and 3HA and 2SM, they all verified my report promptly. The stations that have not answered reports are 2KY and KRLD.

Recent verifications are KGRS, after six months; WDAG, return mail; KDKA and KPAG. WDAG-1410KG-1KW, address, Smarello Hotel, Smarello, Texas. They issue Ekko stamps, only upon receipt of 10 cents., accompanied with a correct report of reception. KDKA assures a prompt reply if the reports are addressed to G. Dare Fleck, traffic manager, KDKA, William Penn Hotel. Static has been violent on the s.w. for the last week, and only slightly better on the B.C.—DX48A.

## Verification from KKW.

I HAVE received an interesting letter from KKW. The station is located at Bolinas, California, and is operated on 13780 k.c. It is a point-to-point communication station, and not a broadcasting station, and is one unit of the public service world-wide communications system of R.C.A. Communications, Incorporated, a subsidiary of the R.C.A., through which direct radio telegraphic circuits are maintained between U.S.A. and 32 foreign points, and by connecting circuits at these points with practically any part of the world. Supplementing its radio telegraphic services the company also operates transoceanic point-to-point radio telephone services for the transmission of addressed programme material between the U.S.A. and points abroad.

The material is not intended for general reception, regular schedules are not maintained, the transmission being effected when and as the programme material is offered by a customer for transmission, and the station or frequency utilised is offered upon the propagation phenomena of the season, time of day, direction and distance of the foreign point to be reached. The power varies from 1-40 k.w., according to transmission conditions, and usually a directional antenna is employed.

"The transmission which you intercepted may have been either addressed programme material, or point-to-point transmission for observation at a specific foreign terminal. In either case it is classified by international treaty and United States law, as point-to-point communication, concerning which obligation of secrecy is imposed, both upon us and upon any chance intercepting listener. Such communication is "correspondence of a private nature," of which "the unauthorised reception," "the unauthorised publication or use," is in violation of the secrecy provisions of the International Radio Convention.

With this in mind you will no doubt appreciate that we do not supply any confirmation of material transmitted by our stations.—S.T. (Wellington).

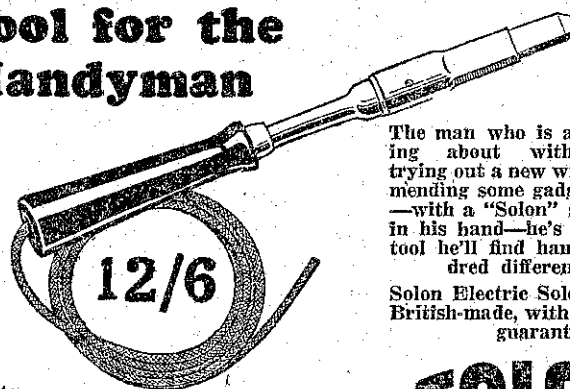
## Americans and Europeans.

EUROPEAN reception has been bad here lately, static very troublesome. During the month I have been able to pick up seventeen Europeans from 5.30-6.30 to 6.45 a.m. In addition to these I have picked up six or seven, but too faint to bother about; my best being as follow:—BAJ13, Spain; Heilsberg, Germany; OKR, Czechoslovakia; Breslau, Germany; Goteberg, Sweden; Bucharest, Roumania; Algiers, Pitt, France. The above listed are heard at R4-5 and R6.

On 21/10/32, from 5.30 a.m., the following were heard from R3 to R6:—Hornby, Sweden; BAJ13, Spain; Heilsberg, Germany; OKR, Czechoslovakia; Goteberg, Sweden; Breslau, Germany; Brno, Czechoslovakia; BAJ1, Spain; Algiers (Pitt), France; Helsinki, Finland; LWOW, Poland; Bucharest, Roumania; Katawice, Poland; Sottens, Switzerland; IRO, Rome, Italy; OKP, Prague, Czechoslovakia.

Many thanks to DX22W. and DX12W. American reception is good, from 5.30 p.m. till dark, when static is very troublesome. The following for one evening were heard from R3 to R9:—KGA, KSTP, KECA, KGER, KWK, KGB, KGM, KFAC, KDYL, KOIL, KFOX, WOAI, WOWO, WCAU, KSL, KMOX, WTAM, KNX, KFVD, KHL, KILX, WENR, WLWC, KOA, KGO, KTM, WBBM, WLW, KPO, KFI, KMT. KTAB, KNX has lately been broadcasting boxing matches every Saturday evening, 6 p.m.—131A.

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# Programmes for Week ending Nov. 13

**IYA** AUCKLAND 902 kc.  
Sunday 6.

2.0: Selected recordings.  
6.0: Children's song service, conducted by Uncle Bert.  
7.0: Relay of evensong from St. Matthew's Church. Preacher, Canon Grant Cowen.  
8.30 (approx.): Relay of Municipal Band Concert from Albert Park. Conductor, George Buckley.  
March, The Band, "Knights of the King" (Ketelbey).  
Overture, The Band, "The Hebrides" (Fingal's Cove) (Mendelssohn).  
Cornet Solo, Fred Bowes, "Le Secret" (Hozel).  
Selection, The Band, "La Traviata" (Verdi).  
Flute, Häl C. McLennan, "Sylvia" (Le Thiere).  
Medley, The Band, "The Golden Waltz" (Winter).  
Xylophone, Rowland Jackson, "The Flyer" (Ridewood).  
Selection, The Band, "More Melodious Memories" (Finck).  
Reverie, The Band, "In the Cloisters" (Torrance).  
Spanish March, The Band, "Oguero" (Franco).  
Selected recordings.

**2YA** WELLINGTON 720 kc.  
Sunday 6.

2.0 to 4.30: Selected recordings.  
6.0: Children's song service, conducted by Uncle George, assisted by children's choir from Thorndon Methodist Church.  
7.0: Relay of service from Church of Christ, Vivian Street, Wellington. Preacher, Pastor W. G. Carpenter.

**IYA** AUCKLAND 820 kc.  
Monday 7.

10.0: Devotional Service.  
10.15: Selected Recordings.  
11.0: Talk.  
11.15: Selected Recordings.  
11.30: Relay from Ellerslie Racecourse—Running description of events held at Auckland Racing Club's meeting.  
5.0: Children, by "Jack and Jill."

## Dinner Music.

6.0: Piccadilly Orchestra, "The Waltz Dream" (Strauss). Plaza Theatre Orchestra, "Scarf Dance," "Pierrette" (Chaminade). J. H. Squire Celeste Octet, "Operatica" (arr. Squire). Dajos Bela Orchestra, "Woodland Peace" waltz (Favilla).

6.22: J. H. Squire Celeste Octet, "Ave Maria" (Bach-Gounod). Coldstream Guards Band, "Suite Française" (Foulds). Marek Weber Orchestra, "Tres Jolie" waltz (Walldenfel).

6.42: Reginald Foort (organ), "The Sacred Hour" (Ketelbey). Albert Sandler Orchestra, "Saint d'Amour" (Elgar). Opera Comique Orchestra, "Scenes Pittoresques." March and Fete Boheme (Massenet). Orchestra Mascotte, "Amorceuse" waltz (Berger).

7.0: News and Reports.  
7.35: Talk, Edward Cortis, "Principles of Export Trading" No. 2.

Copyright.—These programmes are copyright, but individual daily programmes may be published on day of performance.

## Sunday

**Church Services** 1YA. 7 p.m.—St. Matthews. Preacher, Canon Grant Cowen.

2YA. 7 p.m.—Vivian Street Church of Christ. Preacher, Pastor W. Carpenter.

3YA. 7 p.m.—Durham Street Methodist Church. Preacher, Rev. P. N. Knight.

4YA. 6.30 p.m.—St. Paul's Cathedral. Preacher, Very Rev. Dean Cruikshank.

**After Church Services:** 1YA. Relay of Municipal Band Concert from Albert Park.

2YA. Studio concert by Male Chorus of Imperial Grand Opera Company. Assisting soloist, Madame Annette Chapman.

3YA. Relay of Concert from 2YA, Wellington, by Male Chorus of Imperial Grand Opera Company.

4YA. Relay of Concert from 2YA, Wellington, by Male Chorus of Imperial Grand Opera Company.

## Concert Programme.

(Relayed to 2ZD, Masterton.)

8.15 (approx.): Presentation of Studio Concert by Male Chorus of Imperial Grand Opera Company. Mezzo-soprano Soloist, Madame Annette Chapman. Numbers included in the programme by the Male Chorus will be as Follow:—

Chorus, "Peaceful Slumbers"; "Midnight Shadows" (Verdi). (Soloists, D. Maxwell and S. James).

Chorus, "Opening Scene" (Donizetti). (Soloist, G. Livermore.)

Chorus, "Zitti Zitti"; "We Go in Secrecy" (Verdi).

Chorus, "Soldiers' Chorus" (Gounod).

Chorus, "Drinking Chorus" (Offenbach).

Bass, G. Vevers, "Hear Me, Ye Winds and Waves" (Handel).

Baritone, M. Brien, "My Dreams" (Tosti).

Tenor, R. Baxter.

Madame Annette Chapman will sing: "Love Eternal" (Brahms); "Dort in dear Weiden" (Brahms); "To-morrow" (Strauss); "Standchen" (Strauss); "The Wraith" (Schubert).

**3YA** CHRISTCHURCH 980 kc.  
Sunday 6.

2.0: Selected recordings.  
5.30: Children's song service, by children of Methodist Sunday Schools.

6.15: Selected recordings.  
7.0: Relay of service from Durham Street Methodist Church. Preacher, Rev. P. N. Knight.

8.15: Rebroadcast from 2YA, Wellington, of programme featuring the Male Chorus of the Imperial Grand Opera Company.

**4YA** DUNEDIN. 650 kc.  
Sunday 6.

2.0: Selected recordings.  
5.50: Children's song service, conducted by Big Brother Bill.

6.15: Selected recordings.

6.30: Relay of service from St. Paul's Cathedral. Preacher: Very Rev. Dean Cruikshank.

## Concert Programme.

7.45: Selected recordings.

8.15: Relay from 3YA, Christchurch, of programme featuring the Male Chorus of the Imperial Grand Opera Company. (Rebroadcast from 2YA Wellington.)

**2YB** NEW PLYMOUTH 1230 kc.  
Sunday 6.

6.0 to 6.45: Children's Sunday evening session, conducted by Uncle Jonathan.

7.0 to 8.15: Church relay.

8.15 to 10.0: Studio concert.

11.37: Lecturette, "Health Hints or First Aid."

12.0: Lunch music.

2.0: Selected recordings.

3.30 and 4.30: Sports results.

5.0: Children, by Uncle John.

## Dinner Music.

6.0: Vienna Philharmonic Orchestra, "Morning, Noon and Night in Vienna" Overture (Suppe). Eastbourne Municipal Orchestra, "Tarantelle" (Saint-Saens). Marek Weber Orchestra, "Lehariana" (Geiger).

6.20: Marek Weber Orchestra, "Amoretentanze" Waltz (Gungl). Berlin State Opera House Orchestra, "Schwanda, the Bagpipe Player." Grand Symphony Orchestra, "Midsummer Night's Dream" Scherzo (Mendelssohn).

6.36: New Symphony Orchestra, "Le Cid Ballet Music" (Massenet): (1) "Castillane," (2) "Aubade," (3) "Andalous," (4) "Aragonaise," (5) "Madrilene," (6) "Nayarraise." Jacques Jacobs Ensemble, "Sobre Las Olas" (Rosas). Royal Opera Orchestra, "Shepherd Fennel's Dance" (Gardener).

7.0: News and reports.

7.30: H. A. Black, Daily summary of N.Z. Golf Championship Tournament.

7.40: Lecturette, H. C. South, "Books—Grave and Gay."

## Concert Programme.

8.0: Overture, 2YA Concert Orchestra (Conductor, Leon de Mauny), "Don Giovanni" (Mozart).

## Monday

**Evening Talks:** "Principles of Trading" (2nd of series)—Mr. Edward Cortis. 1YA, 7.45 p.m.

Daily summary of the N.Z. Golf Championship Tournament—Mr. H. A. Black. 2YA, 7.25 p.m.

"Books—Grave and Gay"—Mr. H. C. South. 2YA, 7.40 p.m.

"My Favourite Poet—Robert Burns"—Mr. Peter Fraser, M.P. 2YA, 9.2 p.m.

"Social and Economic Relations in Mediaeval England"—Dr. Winifred Haward (W.E.A.) 3YA, 7.30 p.m.

"The Constitution of the New Russia"—Dr. A. G. B. Fisher. 4YA, 9.2 p.m.

**Features:** 1YA. Wrestling from Town Hall.

2YA. Madame Annette Chapman, mezzo-soprano.

in two song recitals.

3YA. Christchurch Municipal Band.

4YA. Selected recordings.

**Sporting:** 1YA. 11.30 a.m.—Ellerslie Races.

3YA. 12 Noon—C.J.C. Spring Meeting.

## Concert Programme.

(Relay to 12H, Hamilton.)

8.0: Relay from Auckland Town Hall, of wrestling matches, held under auspices of New Zealand Wrestling Association, (or selected recordings).

**2YA** WELLINGTON 720 kc.  
Monday 7.

10.0: Selected recordings.

10.30: Devotional service.

11.12: Lecturette, "Cooking."

8.7: Recording, Harold Williams and Male Quartet, "Sanctuary of the Heart" (Ketelbey).

8.11: Instrumental, The Orchestra, "Keltic Suite" (Foulds).

8.21: Recording (Piano), Alexander Brailowsky, "Valse Improptu" (Liszt).

8.25: Mezzo-soprano, Madame Annette Chapman, "Am Meer" (Schubert); "Achilles" (Bruch); "Sombre Woods" (Zeelby).

8.36: Recording (Organ), Reginald Foort, "One Kiss" (Romberg).

8.39: Violin, Leon de Mauny, "Dreaming" (Schumann); "Gavotte" (Gossec).

8.47: Recording (Choral), Lay Vicars of Westminster Abbey, "Mother o' Mine" (Barleigh).

8.50: Selection, The Orchestra, "Aida" (Verdi).

9.0: Weather report and notices.

9.2: Lecturette, Peter Fraser, M.P., "My Favourite Poet—Robert Burns."

9.17: Recording (Tenor), John McCormack, "Annie Laurie" (Scott). Recording (Pecolo Duet), Jene and Pierre Gennin, "The Language of the Nightingale" (Gennin).

9.23: Mezzo-soprano, (with orchestra), Madame Annette Chapman, "Still as the Night" (Bohm); "Una Voce Poco Fa" (Rossini).

9.31: Recording (Male Quartet), Gresham Singers, "The Shepherdess" (Memarough); "The Meeting of the Waters" (Johnson).

9.37: Selection, The Orchestra, "The Geisha" (Jones).

9.47: Herman Lohr Vocal Gems.

9.55: Instrumental, The Orchestra, "Flight of the Bumble Bee" (Rimsky-Korsakov).

10.0: Dance programme.

### 3YA CHRISTCHURCH 980 kc. Monday 7.

10.0: Devotional service.

10.15: Selected recordings.

11.0: Talk, Miss M. G. Havelaar, "Things Antique."

11.15: Selected recordings.

12.0: Description of races from Canterbury Jockey Club's Spring Meeting.

3.30: Special weather forecast.

5.0: Children, by Uncle John.

#### Dinner Music.

6.0: Plaza Theatre Orchestra, "A Musical Switch—Humoresque" (arr. Alford). Salon Orchestra, "Serenade" (Schubert).

6.14: Marek Weber Orchestra, "From Mozart's Treasure Trove—Fantasie" (arr. Urbach). International Concert Orchestra, "Love and Spring" Waltz (Waldteufel). Regimental Band of H.M. Grenadier Guards, "Parade of the Elephants" (Chenette).

6.29: London Symphony Orchestra, "Czar Sultan Suite No. 3" (Rimsky-Korsakov). Zonophone Salon Orchestra, "In the Shadows" (Finck). Marek Weber Orchestra, "La Tosca" Pot-pourri (Puccini).

6.48: Orchestra Mascotte, "The Gipsy Princess" Waltz (Kalman). Zonophone Salon Orchestra, "Sweet Adeline" (Arm-

strong). Pavilion Lescant Orchestra, "I Drive Out in My Little Limousine" (Cowler).

7.0: News and reports.

7.30: W.E.A. Session, Dr. Winifred Haward, "Social and Economic Relations in Mediaeval England."

#### Concert Programme.

8.0: Christchurch Municipal Band (Conductor, F. H. Buckley), "Black Knight" (Rimmer).

8.8: Recording, Light Opera Company, "White Horse Inn" Vocal Gems (Stolz).

8.16: Recording, Godwin Kunstler Orchestra, "Die Dubarry" (Millocker); "Ich Schank."

8.19: Cornet Solos, Bandsman L. Bruce, "Le Diadime" (Hermann); "At Dawning" (Cadman).

8.32: Soprano, Lottie Colville, "Song of the Little Folk" (Coates); "The Saus o' Dee" (Clay).

8.37: Recording (Saxophone), Chester H. Hazlett, "To a Wild Rose" (Macdowell).

8.40: Recording (Yodelling), George van Dussen, "Yodel e Eskimo" (Stogden).

8.43: Intermezzo, The Band, "Gallantry" (Ketelbey).

8.49: Baritone, Eddie A. Dowell, "I'm Drifting Back to Dreamland" (Sadler); "Souvenirs" (Nicholls).

8.55: Recording, Grand Symphony Orchestra, "Waldteufel Memories" (Waldteufel).

9.3: Forecast and notices.

9.5: Reserved.

9.20: Waltz, The Band, "Fascination" (Rimmer).

9.26: Recording, Soloist and Chorus, "Serenade" (Romberg).

9.30: Recording, Philharmonic Orchestra, "Tales of Hoffmann" (Offenbach).

9.36: Soprano, Lottie Colville, "The Song of the Flower Girl" (Harold); "A Spring Fancy" (Dinsmore).

9.41: Selection, The Band, "Gems of Sullivan" (Sullivan).

9.51: Baritone, Eddie A. Dowell, "The Island of Dreams" (Adams).

9.55: Recording (Organ), Gerd Thomas, "Take What This Life of Ours Can Give" (Heymann); "Just Once for All Time."

9.58: The Band, "Dunroon" (Code).

### 4YA DUNEDIN. 650 kc. Monday 7.

10.0: Selected recordings.

10.15: Devotional service.

10.45: Lecturette, D. Tannock, "The Beauty of the Garden—How to Create and Maintain It."

12.0: Lunch music.

2.0: Selected recordings.

3.15: Lecturette, Ida Deyereux, "Treatment and Cure of the Feet."

3.30 and 4.30: Sports results.

5.0: Children, by Uncle Jack.

#### Dinner Music.

6.0: National Symphony Orchestra, "Norma" Overture (Bellini). Frank Westfield's Orchestra, "Serenade" (Heykens). Dajos Bela String Orchestra, "Goldregen Waltz" (Waldteufel). Continental Novelty Orchestra, "Los Claveles de Sevilla" (Guerrero).

6.15: Dajos Bela Orchestra, "Pique Dame" Fantasia (Tschalkowsky). Vienna Harmonic Orchestra, "Turkish March" from "Ruins of Athens" (Beethoven). G. T. Pattman, "Cinderella" Waltz (Pattman). Berlin State Opera Orchestra, "German Dances" (Mozart).

6.36: Frank Westfield's Orchestra, "The Druid's Prayer" Waltz (Davson). Heerman Trio, "Dalvisa" (Sandby). Albert Sandler and Orchestra, "Give Me Back My Heart" (Novello). H.M. Goldstream Guards' Band, "Patience" Selection (Sullivan).

6.53: Continental Novelty Orchestra, "Las Lagarteranas" (Foulkes). De Groot and Piccadilly Orchestra, "Till I Awake" (Woodforde-Pinden).

7.0: News and reports.

#### Concert Programme.

8.0: March, London Symphony Orchestra, "Pomp and Circumstance" No. 5 (Elgar).

8.5: Baritone, Keith Falkner, "Shepherd, See Thy Horse's Foaming Mane"; "Had a Horse" (arr. Korbay).

8.10: Cello, W. H. Squire, "Andantino" (Lemare); "Reverie" (Dunkler).

8.18: Royal Opera House Chorus, Covent Garden, "Hum and Hum, Good Wheel, Go Whirling"; "Yo-ho-he" (Wagner).

8.26: Concert Waltzes, Band of H.M. Grenadier Guards, "Acclamations"; "The Grenadiers" (Waldteufel).

8.34: Contralto, Essie Ackland, "Down the Vale" (Moir); "Parted" (Tosti).

8.42: Suite, London Symphony Orchestra, "Crown of India" (Elgar): (1) "Introduction and Dance of the Nautch Girls"; (2) "Minuet"; (3) "Warriors' Dance"; (4) "March of the Mogul Emperors."

8.53: Tenor, Richard Tauber, "The Stormy Morning"; "The Raven" (Schubert).

8.57: Harpsichord, Wanda Landowska, "Turkish March" (Mozart).

9.0: Weather report and notices.

9.2: Talk, Dr. A. G. B. Fisher, "The Constitution of the New Russia."

9.17: Contralto, Marie Morrissey, "The Phases of a Day" in Music; "Dawn" (Curran).

9.20: Selection, New Queen's Hall Light Orchestra, "Morning" (Grieg).

9.25: Prelude, Royal Albert Hall Orchestra, "Prelude a L'Après midi d'un Faune" (Debussy).

9.32: Tenor, John McCormack, "Bird Songs at Eventide" (Coates).

9.35: Selection, Squire Celeste Octet, "Twilight" (Squire).

9.38: Piano, Leopold Godowsky, "Good-night" (Schubert).

9.41: Soprano, Florence Easton, "Silent Night" (Trd.).

9.44: Choral Drama, Quartet, with the Queen's Hall Orchestra, "The Immortal Hour" (Boughton).

10.0: Dance music.

### 2YB NEW PLYMOUTH 1230 kc. Monday 7.

7.0 to 8.0: Family session, conducted by Uncles Joe and Ted.

8.0 to 10.0: Studio concert.

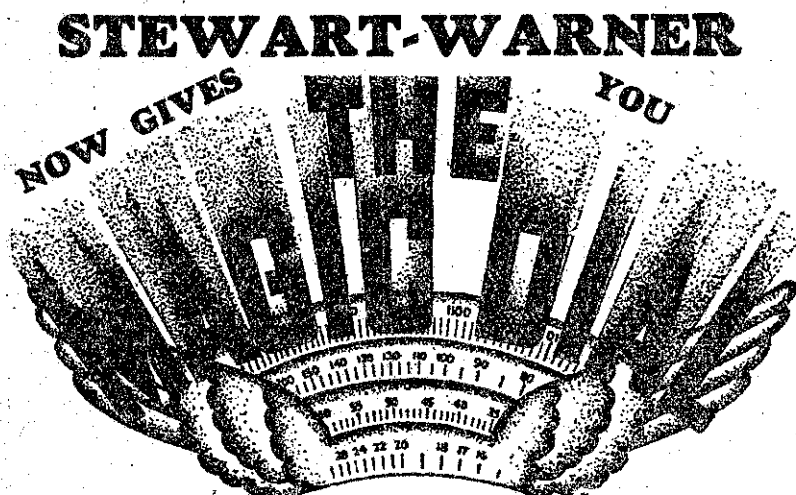
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# 1YA AUCKLAND 820 kc. Tuesday 8.

10.0: Devotional Service.  
10.15: Selected Recordings.  
11.0: Health Talk.  
11.15: Selected Recordings.  
12.0: Lunch Music.  
2.0: Selected Recordings.  
5.0: Children, by Uncle Dave.

## Dinner Music.

6.0: Berlin State Opera House Orchestra, "Christmas Concerto" (Corelli). De Groot Orchestra, "Romance" (Rubinstein). De Groot's Piccadilly Orchestra, "None But the Weary Heart" (Tschalkowsky). Edward O'Henry (organ), "Ca O'Est Madrid" (O'Henry). Johann Strauss Symphony Orchestra, "Blue Danube" waltz (Strauss).

6.28: Salon Orchestra, "Chanson Boheme" (Bolt). Marimba Band "Aguas Dormidas" (Bolanos). National Symphony Orchestra, "Bolero in D major" (Moszkowski). Bernardo Gallico Orchestra, "The Dance of the Dwarfs" (Noack).

6.40: Cedric Sharpe Sextet, "Chanson Napolitaine" (D'Ambrosio). Dajos Bela Orchestra, "Count of Luxembourg" waltz (Lehar). Sandor Joszi Orchestra, "An Eastern Wedding" (Psychistal). Edward O'Henry (organ), "Just as we Used to Do" (Rulli).

6.53: Vienna Philharmonic Orch., "Hungarian Dance No. 1" (Brahms). Plaza Theatre Orchestra, "A La Gavotte" (Finck).

7.0: News and Reports.

7.35: Talk, "Town Planning," J. Tyler, "Roads and Transport."

## Concert Programme.

(Relay to 1ZH, Hamilton.)

8.0: Halle Orchestra, "Symphony No. 4 (Italian) in A major," 1st movement Allegro Vivace, 2nd movement Andante con moto (Mendelssohn).

8.13: Tenor, Walter Glynn, "I Love the Moon (Rubens); "Jeunesse" (Barry).

8.19: Piano, Vladimir Horowitz, "Children's Corner Suite"—Serenade for the Doll (Debussy); "Paganini Etude in E flat major" (Paganini).

8.25: Recital, Basil Maine, "Bassanio's Speech" (Shakespeare).

8.28: Ferdie Kauffman and his Orchestra, "The Rose Beetle Goes A-wooing" (Armandola).

8.31: Comedy, Gracie Fields, "When the Rest of the Crowd Goes Home"; "Rochdale Hounds" (Burke Cliffe).

8.37: Banjo, Eddi Peabody, "Rhapsody in Blue" (Gershwin).

8.40: Bass, Peter Dawson, "Honour and Arms" (Handel).

8.44: Instrumental Trio, De Groot, A. Gibilaro and J. Pacey, "Down in the Forest" (Ronald).

8.47: Boy soprano, Master E. Lough, "Hear Ye, Israel" (Mendelssohn).

8.53: Halle Orchestra, "Symphony No. 4 (Italian) in A major," 4th movement Saltarello (Mendelssohn).

9.01: Weather Forecast and Notices.

9.08: Talk, Geo. O'Halloran, "The Art of the Troubadours."

9.23: Paul Whiteman and his Orchestra, "Tschalkowskiana" (arr. Hand).

9.31: Vocal duet, Lucrezia Bori and Lawrence Tibbett, "Night of Love" (Offenbach).

9.34: Xylo, Rudy Starita, "Schon Rosmarin" (Kreisler).

9.37: Vocal Trio, The Pickens Sisters, "Dream Sweetheart" (Green).

9.4: Sketch, "The Volunteer Organist Up-to-Date."

9.46: Marek Weber and his Orchestra, "Three Old Hags" (Kollo).

# Tuesday

**Sporting:** 3YA. 12 Noon—Addington Trots. Relayed running description.

**Evening Talks:** "Town Planning—Roads and Transport"—Mr. J. Tyler. 1YA, 7.35 p.m.

"The Art of the Troubadour"—Mr. George O'Halloran. 1YA, 9.3 p.m. Daily summary of N.Z. Golf Championship Tournament. Mr. H. A. Black. 2YA, 7.25 p.m.

Agricultural Talk, "For the Man on the Land." 2YA, 7.40.

"Famous British Trials—Dr. Pritchard," Mr. C. A. L. Treadwell. 2YA, 9.2 p.m.

"Tourist Resorts"—Mr. R. W. Marshall. 3YA, 7.45 p.m.

"Some Mistakes in Business—The Old Ways Are the Best"—Mr. George McCracken (W.E.A.) 4YA, 7.30.

"A Day in the Life of the Lady Journalist"—Miss Marguerite Puechegod. 4YA, 9.2 p.m.

**Features:** 1YA. Selected recordings.  
2YA. Radio Minstrels, and Frank Crowther's Novelty Orchestra.  
3YA. The New Lyric Four: Mr. R. Lake (baritone), Mr. W. Bradshaw (tenor).  
4YA. St. Kilda Band.

9.52: Bass baritone, Peter Dawson, Recitation, "I Rage, I Melt, I Burn"; Aria, "O Ruddier Than the Cherry" (Handel).  
9.56: Organ, Sidney Torch, "Round the Marble Arch" (Gay).  
10.0: Dance Music.

**2YA WELLINGTON 720 kc.  
Tuesday 8.**

10.0: Selected recordings.  
10.30: Devotional service.  
11.12: Lecturette, "Fabrics and Fashions."  
12.0: Lunch music.  
2.0: Selected recordings.  
3.30 and 4.30: Sports results.  
5.0: Children, by Jumbo.

## Dinner Music.

6.0: Berlin State Opera House Orchestra, "A Midsummer Night's Dream" Overture (Mendelssohn). The London Palladium Orchestra, "Dawn" (Matt). San Francisco Symphony Orchestra, "Liebesleid" (Kreisler).

6.19: Cedric Sharpe Sextet, "O, Lovely Night" (Ronald). Philadelphia Symphony Orchestra, "Samson and Delilah" Bachanale (Saint-Saens). Marimba Band, "Morales Lopez" (Bolanos).

6.30: London Palladium Orchestra, "Maid of the Mountains" Waltz (Fraser-Simson). J. H. Squire Celeste Octet, "Memories of Chopin" (arr. Willoughby). New Symphony Orchestra, "Neil Gwynn Dance No. 3" (German).

6.44: Philadelphia Symphony Orchestra, "Damnation of Faust"; "Marche Hongroise" (Berlioz). Berlin State Opera Orchestra, "Der Rosenkavalier" Waltz (R. Strauss). Zonophone Salon Orchestra, "Evensong" (Easthope-Martin).

7.0: News and reports.

7.30: H. A. Black, "Daily Summary of N.Z. Golf Championship Tournament."  
7.40: Lecturette, Representative of Agricultural Department, "For the Man on the Land."

## Concert Programme.

(Relayed to 2ZD, Masterton.)

8.0: Studio Presentation of 2YA Radio Minstrels in conjunction with Mr. Frank Crowther's Novelty Orchestra. Interlocutor, Ray Kemp. Bones, Ken Rigby. Tambo, Owen Pritchard. Specialities,

Ken Macaulay, baritone. Billy Hart, Songs at the Piano. Sid Bernard, Xylophone. J. Walker, Banjo.

9.0: Weather report and notices.

9.2: Lecturette, C. A. L. Treadwell, "Famous British Trials—Dr. Pritchard."

9.17: Foxtrot, Frank Crowther's Novelty Orchestra, "Dixie Ditties" (Black). Tenor Saxophone, S. Barrett, "Celeste Aida" (Verdi). Pas Seul, "Pirouette" (Finck).

9.27: Baritone, K. Macaulay, "The Song of the Tinker" (Elliott); "The Land o' the Leal" (Lady Nairne).

9.33: Banjo, J. Walker, "Liebes-traume" (Liszt); "Brown Eyes Why Are You Blue?" (Meyer).

9.39: Songs at the Piano, Billy Hart, "Somebody Loves You" (Tobias); "Home" (Clarkson).

9.45: Recording (Organ), Ena Baga, "Moonlight Dance" (Finck). Recording (Vocal Duet), Layton and Johnstone, "Wrap Your Troubles in Dreams" (Baris).

9.51: Foxtrot, Frank Crowther's Novelty Orchestra, "Somebody Loves You" (de Rose). Xylophone, S. Bernard, "Loin du Bal" (Gillett). Quick-step, Frank Crowther's Novelty Orchestra, "Crazy People" (Monaco).

**3YA CHRISTCHURCH. 980 kc.  
Tuesday 8.**

10.0: Devotional service.  
10.15: Selected recordings.  
11.0: Talk, Miss M. O'Halloran, "Fashions."  
11.15: Selected recordings.  
11.40: Talk, Millicent Jennings, "Gardens and Gardening."  
11.50: Selected recordings.  
12.0: Lunch music and description of races—New Zealand Metropolitan Trotting Club's Spring Meeting at Addington.  
2.0: Selected recordings.  
3.30: Special weather forecast.  
5.0: Children, by Cousin Beatrice.

## Dinner Music.

6.0: Band of H.M. Coldstream Guards, "Dorothy" Selection (Cellier). De Groot Orchestra, "Only for You" (Strong). Organ, Sigmundo del Oro, "Mexican Rose" (Tenney).

6.15: Regimental Band of H.M. Gren-

dier Guards, "The Old Frog Pond" (Alford). Dajos Bela Orchestra, "Vienna Bon Bons" Waltz (Strauss). New Symphony Orchestra, "Scenes de Ballet, Op. 52" (Glazounoff): (1) "Preamble," (4) "Scherzino," (2) "Marionettes," (6) "Danse Orientale."

6.31: "Scenes de Ballet, Op. 52" (Glazounoff): (3) "Mazurka," (5) "Pas de Action," (7) "Valse," (8) "Polonaise."

6.47: De Groot and Orchestra, "Autumn" (Chaminade). Salon Orchestra, "Serenade" (Rimpianto). Salon Orchestra, "Nola" (Arndt).

7.0: News and reports.

7.45: Talk, R. W. Marshall (District Manager, Government Tourist Department), "Tourist Resorts."

## Concert Programme.

8.0: Recording, Debroy Somers Band, "Russian Fantasy" (arr. Somers); "Petticoat Lane" (arr. Parry).

8.10: Male Quartet, New Lyric Four, "Moonlight on the Lake" (White). Baritone, R. Lake, "A Clinking Toast" (Wingrove).

8.16: The Melody Trio, "Serenade d'Extase" (Fletcher); "Sunrise on Derry" (de Lytle).

8.23: Recording (Humour), Helena Millais, "Our Lizzie Loses Her Handbag" (Millais).

8.26: Recording, Corporal Phillips, "Australian Bird Calls" (Phillips).

8.32: Male Quartet, "New Lyric Four, "The Jolly Blacksmith's Lay" (Geibel); "Softly Dreams" (Fischer). Tenor, W. Bradshaw, "The March of the Cameron Men" (Moffatt).

8.42: The Melody Trio, "Oh, Donna Clara" (Peterburski); "Paquita" (Del Riego).

8.49: Male Quartet, New Lyric Four, "Doctor Foster" (Handel); "The Dear Little Shamrock" (Traditional).

8.53: March, Sousa's Band, "Hands Across the Sea" (Sousa).

8.56: Bass, W. J. Richards, "Langley Fair"; "Jock the Fiddler" (Easthope Martin).

9.0: Weather forecast and notices.

9.2: Reserved.

9.17: Male Quartet, New Lyric Four, "Nut Brown Maiden."

9.20: Recording (Organ), Sandy Macpherson, "Starlight" (Brownsmith).

9.23: Tenor, H. Blakeley, "Land Across the Sea" (Bernard).

9.26: The Melody Trio, "Girl of My Dreams" (Clapp); "Laugh, Clown, Laugh" (Young).

9.30: Dance music.

**4YA DUNEDIN. 650 kc.  
Tuesday 8.**

10.0: Selected recordings.  
10.15: Devotional service.  
10.45: Lecturette, "Fire Prevention in the Home."  
12.0: Lunch music.  
2.0: Selected recordings.  
3.15: Lecturette, S. B. Sinclair, "Beauty Culture."  
3.30 and 4.30: Sports results.  
5.0: Children, by Wendy and Aunt Leonore.

## Dinner Music.

6.0: Chicago Symphony Orchestra, "Russian and Ludmilla" Overture (Glinka). De Groot and Orchestra, "I Love You" (Grieg). National Symphony Orchestra, "Spanish Dance No. 2 in G Minor" (Moszkowski). Dajos Bela Orchestra, "You and You" Waltz (Strauss).

6.14: J. H. Squire Celeste Octet, "Mignon"—Introduction et Romance (Thomas). London Palladium Orchestra, "Sunset" (Matt). Stanley Macdonald, "Nicolette" (Connolly).

6.25: Reginald King and Orchestra, "Song o' My Heart" Selection. San Fran-

cisco Symphony Orchestra, "Valse de Concert" (Glazounov). Grand Symphony Orchestra, "The Tea House of a Hundred Steps" (Yoshitomo).

6.45: Royal Opera Orchestra, Prelude, "The Huntress," from "Sylvia Ballet" (Delibes). Edith Lorand Orchestra, "Winter Storms" Waltz (Fueck). Minneapolis Symphony Orchestra, "March Militaire" (Schubert).

7.0: News and reports.

7.30: W.E.A. Session, George McCracken, "Some Mistakes in Business—The Old Ways are the Best."

#### Concert Programme.

8.0: Thirty Minutes of Recordings.

8.30: March, The St. Kilda Band, "Through Bolts and Bars" (Urbach). 8.35: Contralto, Dorothy L. Stentiford, "The Quiet Night" (Schubert); "Longing" (Kjerulf).

8.41: Overture, The Band, "Olympia" (Herzer).

8.49: Recording, Gracie Fields, "Granny's Little Old Skin Rug" (Gifford); "What Archibald Says, Goes!" (Castling).

8.54: Stokes' Hawaiian Quartet, "Kaholo March" (Harport); "Hasia Ohaoha" (Veltman).

9.0: Weather report and notices.

9.2: Talk, Marguerite Puechegud, "A Day in the Life of a Lady Journalist."

9.17: The Band, "Prelude in C Sharp Minor" (Rachmanninoff).

9.22: Baritone, Noel H. North, "Yeoman's Wedding Song" (Poniatowski); "The White Dawn is Stealing" (Cadman).

9.27: The Hawaiian Quartet, "Neola"; "Cuban Dance" (de Lano); "Buddies' March" (Lange).

9.34: Recording, Layton and Johnstone, "Who am I?" (Newman).

9.37: Selection, The Band, "Lortzing" (Round).

9.48: Contralto, Dorothy L. Stentiford, "Gather Ye Rosebuds" (Sanderson); "The Wild Rose" (Schubert).

9.53: The Hawaiian Quartet, "Moonbeams" (Plumbridge).

9.56: Baritone, Noel H. North, "Roses of Picardy" (Wood).

9.59: The Band, "Loyal Cornettes" (Bourne).

# Wednesday

**Sporting:** 3YA. 12 Noon.—C.J.C. Spring meeting.

**Evening Talks:** "Recent Discoveries Within the Solar System"—Mr. G. E. Bell, B.Sc. (W.E.A.). 1YA, 7.30 p.m.

Dog Talk: "Dougall"—Mr. S. F. Temple. 1YA, 9.2 p.m.

Daily summary of N.Z. Golf Championship Tournament—Mr. H. A. Black. 2YA, 7.25 p.m.

"Tennis"—Representative of the Wellington Lawn Tennis Association. 2YA, 7.40 p.m.

"International Affairs"—Dr. Guy H. Scholefield, O.B.E. 2YA, 9.2. Agricultural talk, "Value of Ensilage Making"—Mr. A. Stewart. 4YA, 7.15 p.m.

**Features:** 1YA. Miss Phyllis Gribbin (contralto); Mr. Robert Simmers (baritone), and Miss Lillian Quinn (piano).

2YA. Selected recordings.

3YA. Madame Annette Chapman, with Salon Orchestra; Arthur Gordon (violinist).

4YA. Organ recital by Dr. V. E. Galway, Dunedin City Organist.

**1YA AUCKLAND 820 kc**  
Wednesday 9.

10 a.m.: Devotional service.

10.15: Selected recordings.

11.0: Talk, John Redfern, "Interior Decorating and Colour Scheming."

11.15: Selected recordings.

12.0: Lunch music.

2 p.m.: Selected recordings.

5.0: Children, by "Uncle Reg."

#### Dinner Music.

6.0: Berlin State Opera House Orchestra, "If I Were King" (Adam). Bournemouth Municipal Orchestra, "Fluttering Birds" (Gennin). Royal Opera House Orchestra, Stockholm, "Joyous Youth" Waltz (Coates).

6.15: Berlin State Opera House Orchestra, with Karol Szeleter, Pianist, "Hungarian Rhapsody" No. 2 (Liszt). Dajos Bela Orchestra, "Serenade" (Mozzkowski). International Novelty Quartet, "The Skaters—Waltz" (Waldteufel). The Royal Opera House Orchestra, Stockholm, "In a Country Lane" (Coates).

6.24: Dinicu and his Orchestra, "Hora Stacato" (Dinicu). Dajos Bela Orchestra, "Schatz Waltz" (Strauss). Albert W. Ketelbey's Concert Orchestra, "In a Camp of the Ancient Britons" (Ketelbey). International Novelty Quartet, "Teddy Bears' Picnic" (Bratton).

6.51: Grand Symphony Orchestra, "In the Moonlight" (Ketelbey). Dajos Bela Orchestra, "Moonlight on the Alster" (Tetras).

7.0: News and reports.

7.30: Talk, W.E.A., G. E. Bell, B.Sc., "Watchers of the Skies" series: "Recent Discoveries Within the Solar System."

#### Concert Programme.

8.0: Duet, Phyllis Gribbin and Robert Simmers, "Trot Here and There" (Messager). Contralto, Phyllis Gribbin, "Charming Cloe" (German).

8.36: Record, New Symphony Orchestra, "Scenes de Ballet" Polonaise (Glazounov).

8.40: Piano, Lillian Quinn, "Spinning Song" (Wagner-Liszt).

8.44: Record, Vienna Philharmonic Orchestra, "Die Romantiker" (Lanner).

8.48: Baritone, Robert Simmers, "Sons of the Sea" (Coleridge-Taylor); "Love Song" (Brahms).

8.56: New Symphony Orchestra, "Scenes de Ballet" Valse (Glazounov).

9.0: Weather forecast and notices.

9.2: Dog talk, S. F. Temple, "Dougall."

9.17: Piano, Lillian Quinn, "Automme" (Chaminade).

9.22: Record, Brunswick Concert Orchestra, "Feast of the Flowers" (Lessey).

9.25: Phyllis Gribbin and Robert Simmers, "The Voyagers" (Sanderson). Contralto, Phyllis Gribbin, "Where Corais Lie (Elgar).

9.31: Dance music.

**2YA WELLINGTON 720 kc**  
Wednesday 9.

10.0: Selected Recordings.

10.30: Devotional service.

11.37: Lecturette, "Hollywood Affairs."

12.0: Lunch music.

2.0: Selected recordings.

3.15: Lecturette, Miss Ruth Hay, "The Value of Personality, Grace and Charm."

3.30 and 4.30: Sports results.

5.0: Children, by Aunt Molly.

#### Dinner Music.

6.0: Albert W. Ketelbey's Concert Orchestra, "Chal Romano"—Gipsy Overture (Ketelbey). De Groot's Piccadilly Orchestra, "Friend o' Mine" (Sanderson). Johann Strauss and Symphony Orchestra, "Morgenblatter" Waltz (Strauss).

6.14: J. H. Squire Celeste Octet, "An Irish Love Song" (Squire). Anglo-Persians Orchestra, "My Little Persian Rose" (Friedland). J. H. Squire Celeste Octet, "Second Movement from 'Symphony Pathetique'" (Tschalkowsky).

6.24: H.M. Goldstream Guards' Band, "Les Cloches de Corneville" Selection (Planquette). International Novelty Quartet, "Merry Widow—Waltz" (Lehar). London Palladium Orchestra, "Nautical Moments" (arr. Winter).

6.43: Berlin State Opera House Orchestra, "Dance of the Hours" ("La Gioconda") (Ponchielli). Paul Whiteman and His Concert Orchestra, "Mississippi Suite—A Tone Journey" (Grove).

7.0: News and reports.

7.30: H. A. Black, "Daily Summary of N.Z. Golf Championship Tournament."

7.40: Lecturette, Representative, Wellington Lawn Tennis Association, "Tennis."

#### Concert Programme.

8.0: Programme of Recordings.

8.2: State Opera Orchestra, "The Huguenots" Medley, Parts 1 and 2 (Meyerbeer).

8.10: Vocal Gems, Columbia Light Opera Company, "Bow Bells."

8.14: Piano and Organ, Edith and Kevin Buckley, "Naila Waltz" (Delibes).

8.18: Lilly Gyenes and Her Gipsy Girls, "Hungarian Folk Songs."

8.22: Humour, Clapham and Dwyer, "It Isn't Cricket."

8.28: Piano, Raie da Costa, "Medley of Marches."

8.31: Tenor, Beniamino Gigli, "Quanno 'a Femmena vo!" (De Crescenzo).

8.34: Violin, Mischa Elman, "Legende, Op. 17" (Wieniawski).

8.37: Soprano, Doris Vane, "A Summer Night" (Goring Thomas).

8.41: B.B.C. Dance Orchestra, "Musical Comedy Waltz Concoction."

8.47: Humour, Flotsam and Jetsam, "The Pussy-cat News."

8.53: Marek Weber and His Orchestra, "Reminiscences of Grieg" (arr. Urbach).

9.1: Weather Report and Notices.

9.3: Talk, "International Affairs," by Dr. Guy H. Scholefield, O.B.E.

9.20: Band, H.M. Royal Air Force, "Patsy, the Swanky Drum-Major" (Mydleton).

9.25: Vocal Gems, Columbia Light Opera Company, "Hold My Hand."

9.27: Humour, Jolly Old Salts, "In Davy Jones' Locker."

9.33: Xylophone, Rudy Starita, "The Clatter of the Clogs."

9.36: Tenor, Alfred O'Shea, (a) "At the Mid Hour of Night" (Cowen); (b) "The Star" (Rogers).

9.42: Lilly Gyenes and Gipsy Girls, "Rakoczy March" (Liszt).

9.46: Humour, Flotsam and Jetsam, "Little Chap."

9.49: Piano and Organ, Edith and Kevin Buckley, "Polonaise" ("Mignon") (Thomas).

9.53: Band, B.B.C. Wireless Military Band "Carmen" Fantasia (Bizet).

**3YA CHRISTCHURCH 980 kc**  
Wednesday 9.

10.0: Devotional service.

10.15: Selected recordings.

11.0: Talk, C. G. Fegg (Physical Director of Y.M.C.A.), "Exercises, Recreation and Rest."

11.15: Selected recordings.

1.0: Description of Canterbury Jockey Club's Spring Meeting at Riccarton.

2.0: Selected recordings.

3.30: Special weather forecast.

5.0: Children, by "Aunt Hilda."

#### Dinner Music.

6.0: Berlin State Opera House Orchestra, "The Mastersingers" Overture (Wag-

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ner). Zonophone Salon Orchestra, "Ecstasy" Waltz (Baynes). London Novelty Orchestra, "My Chin Chin Lu" (Christine). Zonophone Salon Orchestra, "Love Here is My Heart" (Silesu).  
**6.18:** Royal Opera Orchestra, "Faust" Ballet Music (Gounod). International Concert Orchestra, "Parade of the Wooden Soldiers." Bournemouth Municipal Orchestra, "Zip Zip" (Brooke). International Concert Orchestra, "Sweetheart" Waltz (Strauss).  
**6.35:** Salon Orchestra, "Two Guitars—Russian Gipsy Song." Victor Concert Orchestra, "Minuet in G" (Paderewski). International Concert Orchestra, "Lazy Pete" Intermezzo (Kersten). Bournemouth Municipal Orchestra, "Whispering Pines" (Byrne).  
**6.48:** Victor Concert Orchestra, "Amaryllis" (Ghys). Gil Dech Ensemble, "Aloha Oe" (arr. Coburn). London Novelty Orchestra, "A Coon Band Contest" (Cakewalk) (Pryor).  
**7.0:** News and reports.

#### Concert Programme.

**8.0:** The Orchestra (Conductor, Francis E. Bate), "Slavonic Rhapsody" (Friedman).  
**8.13:** Recording (Vocal Gems), Grand Opera Company, "Tales of Hoffmann" (Offenbach).  
**8.21:** Recording (Piano and Orchestra), Arthur Rubinstein with London Symphony Orchestra, "Concerto No. 2 in F Minor"; "Allegro Vivace" (3rd Movement) (Chopin).  
**8.29:** Soprano, Madame Annette Chapman (with Salon Orchestra), "None But An Aching Heart" (Tchaikowsky); "A Spray of Pinks" (Bohm); "Auf dem Wasser zu Singen"; "Twilight" (Glenn); "O Gebt" (Der Prophet) (Meyerbeer).  
**8.44:** Recording (Harp), Mildred Dilling, "At the Spring" (Zabel).  
**8.48:** Recording (Baritone), Apollo Granforte and La Scala Orchestra, "Inno di Roma" (Puccini); "Inno al Duce" (Ihne).  
**8.56:** Recording (Violin), Arthur Gordon, "Second Movement of Concerto" (Tchaikowsky).  
**9.2:** Weather forecast and notices.  
**9.4:** Reserved.  
**9.19:** Recording, Ensemble Grand Opera Chorus, "King's Prayer" ("Lohengrin") (Wagner).  
**9.23:** Recording (Cello), Gaspar Casado, "Melodie Arabe" (Glazounoff); "Le Cygne" (Saint-Saens).  
**9.29:** Baritone, L. A. North, "The Lute Player" (Allitsen); "The Wanderer" (Schubert).  
**9.36:** Recording (Organ), Reginald Goss-Custard, "Madrigal" (Lemare).  
**9.39:** Recording (Contralto), Sigrid Onegin, "Sapphic Ode" (Brahms).  
**9.42:** Violin, Arthur Gordon, "In Old Vienna" (Drdla); "Espagnole" (de Falla).  
**9.48:** Baritone, L. A. North, "Like to the Damask Rose" (with orchestral accompaniment) (Elgar).  
**9.52:** Salon Orchestra, "Star of Eve" (Wagner); "Praeludium" (Jarnefeldt).  
**10.2:** Dance music.

**4YA DUNEDIN.** 650 kc. Wednesday 9.

**10.0:** Selected recordings.  
**10.15:** Devotional service.  
**10.45:** Lecturette, "Pot Plants and Their Cultivation."  
**12.0:** Lunch music.  
**2.0:** Selected recordings.  
**3.15:** Lecturette, Home Science Department, "Planning the Holiday Outfit."  
**3.30 and 4.30:** Sports results.

**5.0:** Children, by Aunt Gretchen and Big Brother Bill.

#### Dinner Music.

**6.0:** Brunswick Concert Orchestra, "Over There" March (Cohan). Orchestra of the Concerts Colonne, Paris, "Espana" (Chabrier). J. H. Squire Celeste Octet, "Scent of the Jasmine" (Squire).  
**6.13:** Band of H.M. Grenadier Guards, "Old Folks at Home and in Foreign Lands" (arr. Roberts). Philadelphia Symphony Orchestra, "Tales from the Vienna Woods" Waltz (Strauss). Grand Symphony Orchestra, "A Children's Overture" (Quilter).  
**6.31:** Anglo-Persians Orchestra, "A Siren Dream" (Sherman). Roof Garden Orchestra, "Fairly on the Clock" (Myers). International Concert Orchestra, "Danube



Evelyn Robinson,

A colourful 2YA contralto, who will next be heard on Thursday night.

Waves" Waltz (Ivanovici). Octet, J. H. Squire Celeste Octet, "Albumblatt" (Wagner).  
**6.45:** Anglo-Persians Orchestra, "Dancing Tambourine" (Poila). The Classic Symphony Orchestra, "La Cimarosiana" (Cimarosa).  
**7.0:** News and reports.  
**7.15:** A. Stewart, "Value of Ensilage Making."

#### Concert Programme.

**8.0:** Overture, The Concert Orchestra, "Phedere" (Massenet).  
**8.13:** Recording, Don Cossacks Choir, "Monotonously Rings the Little Bell"; "Song of the Volga Boatmen" (Traditional).  
**8.21:** Selection, Orchestra, "La Caid" (Thomas).  
**8.30:** Relay of Organ Recital by Dr. V. E. Galway, Dunedin City Organist, and assisting artists.  
**9.0:** Weather report and notices.  
**9.2:** Continuation of Relay of Organ Recital.  
**9.32:** Recording, Don Cossacks Choir, "Three Folk Songs" (Traditional).  
**9.36:** Overture, Orchestra, "The Amourer" (Lortzing).  
**9.49:** Recording, Georges Thill and Choms, "Le Reve Passe" (Krier).  
**9.54:** Mazurka and Grand March, The Orchestra, "Bella Mazurka" (Waldteufel); "The King's Hussars" (Leonard).

**2YB NEW PLYMOUTH** 1230 kc. Wednesday 9.

**6.30 to 7.30:** Children's session, conducted by Uncle Ted and Aunt Betty.  
**8.0 to 10.0:** Studio concert.

# Thursday

**Sporting:** 3YA. 12 Noon.—Addington Trots.

**Evening Talks:** "The Powers of Dominion Parliaments"—Mr. L. K. Munro, L.L.M. (W.E.A.). 1YA, 7.30.  
 Daily summary of N.Z. Golf Championship Tournament—Mr. H. A. Black. 2YA, 7.25 p.m.  
 Agricultural Talk: "The Clovers"—Mr. J. W. Calder. 3YA, 7.30.  
 "The Rhineland"—Dr. A. L. Haslam. 3YA, 9.3 p.m.  
 "The Rambles of a Story Writer"—Miss Edith Howes. 4YA, 9.2 p.m.

**Features:** 1YA. Relay of Concert by the Lees Institute Orchestra, conducted by Mr. Harold Baxter. Recitals by Miss Noni Wright.  
 2YA. Mr. Will Yates in humorous items; Miss Evelyn Robinson (contralto), and Mr. Len Keven (baritone).  
 3YA. Selected recordings.  
 4YA. Elocutionary recital by Mr. C. H. Russell; de Rose Octet.

**1YA AUCKLAND** 820 kc. Thursday 10.

**10 a.m.:** Devotional service.  
**10.15:** Selected recordings.  
**11.0:** Talk: Gas Cooking.  
**11.15:** Selected recordings.  
**12.0:** Lunch music.  
**12.30:** Relay of mid-day service from St. Matthew's Church.  
**12.50:** Lunch music.  
**2.0:** Selected recordings.  
**3.15:** Home science talk.  
**3.25:** Selected recordings.  
**5.0:** Children, by "Skipper."

#### Dinner Music.

**6.0:** B.B.C. Wireless Symphony Orchestra, "La Boutique Fantastique—Selection" (Respighi). Columbia Symphony Orchestra, "Spring Song" (Mendelssohn). International Concert Orchestra, "La Spagnola" Waltz (Di Chiera).  
**6.15:** Edith Lorand Orchestra, "Tales of Hoffmann" Fantasia (Offenbach). Berlin State Opera House Orchestra, "Slavonic Dances Nos. 8 and 16" (Dvorak). B.B.C. Wireless Military Band, "Le Reve Passe" (Helmer). Marek Weber and his Orchestra, "Rustle of Spring" (Sinding).  
**6.36:** Symphony Orchestra, "Artist's Life" Waltz (Strauss). Cedric Sharpe Sextet, "Intermezzo" (Coleridge-Taylor). Novelty Orchestra, "Passion Rose" (Lehar). Piccadilly Orchestra, "My Beloved Gondolier" (Tiber).  
**6.50:** New Light Symphony Orchestra, "At Downing" (Cadman). Dajos Bela Orchestra, "The Court Ball" Waltz (Lanner).  
**7.0:** News and reports.  
**7.30:** Talk, W.E.A., L. K. Munro, L.L.M., "The New Constitution of the British Empire" Series—"The Powers of Dominion Parliaments."

#### Concert Programme.

(Relay to 1ZH, Hamilton.)

**8.0:** Relay of Concert by the Leys Institute Orchestra, conductor, Harold Baxter: March, The Orchestra, "Children of the Regiment" (Fucik); "Melody in F" (Rubenstein). Song, Laurie Stuart, "Roadways" (Lohr). The Orchestra, "Wedding of the Rose" (Jessel). "Whispering of the Flowers" (Blon). Recital, with music, Noni Wright, "In the Rain" (McLeod). Selection, The Orchestra, "Carmen" (Bizet). Cello, Jean Clarkson, "Kol Nidrei" (Bruch). Waltz,

Orchestra, "Tesoro Moi" (Beccuci). Song, Laurie Stuart, "Requiem" (Home). Characteristic, Orchestra, "Easter Romance" (Haines). Recital, Noni Wright, "If Life Were a Play" (Anon). Selection, Orchestra, "The Gondoliers" (Sullivan); "The Thistle" (Myddleton). Selected recordings.

**2YA WELLINGTON** 720 kc. Thursday 10.

**10.0:** Selected recordings.  
**10.30:** Devotional service.  
**10.45:** Lecturette, "Cooking by Electricity."  
**11.37:** Lecturette, Representative, Health Department, "Health Hints."  
**12.0:** Lunch music.  
**2.0:** Selected recordings.  
**3.15:** Lecturette, Talk prepared by Home Science Extension Department of Otago University.  
**3.30 and 4.30:** Sports results.  
**5.0:** Children, by Big Brother Jack.

#### Dinner Music.

**6.0:** Berlin State Opera House Orchestra, "The Barber of Seville" Overture (Rossini). Dajos Bela Orchestra, "The Three Waltz Kings—Viennese Waltz Fantasia" (Strauss and Sons). J. H. Squire Celeste Octet, "Song of the Waterfall" (Squire). New Mayfair Orchestra, "Love Lies" Selection.  
**6.21:** Pavilion Lescant Orchestra, "Drink, Brother, Drink" Waltz (Bendix). Heerman Trio, "Pierette" (Chaminade). Band of H.M. Grenadier Guards, "Sir Harry Lauder Medley."  
**6.33:** Pavilion Lescant Orchestra, "Oh! Miss Greta" Tango (Flossas). Victor Olof Salon Orchestra, "Grieg Selection" (arr. Urbach). New Symphony Orchestra, "Mors et Vita—Judea" (Gounod). De Groot and the Piccadilly Orchestra, "The Temple Bells" (Woodforde-Finden).  
**6.51:** International Concert Orchestra, "My Treasure" Waltz (Beccuci). Plaza Theatre Orchestra, "My Lady Dainty" (Hesse).  
**7.0:** News and reports.  
**7.40:** H. A. Black, Daily Summary of N.Z. Golf Championship Tournament.

#### Concert Programme.

(Relayed to 2ZD, Masterton.)

**8.0:** Selection, The Orchestra, "The Dollar Princess" (Fall).  
**8.10:** Baritone, Len Keven, "The Ginchy Road" (Edward); "The Arrow and the Song" (Balfe).  
**8.16:** Recording (Yodel), George van

Dusen, "The Yodelling Chinaman" (Stogden); "The Yodelling Bullfighter" (Stogden).

8.22: Morceau, The Orchestra, "Les Deux Pierrots Amoureux" (Drigo).

8.27: Contralto, Evelyn Robinson, "An Eriskey Love Lilt" (Kennedy Fraser); "O, Lovely Night" (Ronald).

8.33: Humour, Will Yates, "Let's Be More Polite" (Yates).

8.39: Instrumental, The Orchestra, "Three Dances from Neil Gwyn" (German).

8.48: Recording (Novelty), Brunswick Artists, "The Merry-makers' Carnival" (Ford-Haenschen).

8.56: Spanish Serenade, The Orchestra, "La Paloma" (Yradier).

9.0: Weather report and notices.

9.2: Reserved.

9.17: Baritone, Len Keven, "The Yeoman of England" (German); "When the Swallows Homeward Fly" (White).

9.23: Recording (Humour), Jack and Claude Hulbert, "Jolly Good Company" (Wallace).

9.29: Contralto, Evelyn Robinson, "The Rose" (Johnson); "Good Morning, Brother Sunshine" (Lehmann).

9.35: Selection, The Orchestra, "Waltzes from Vienna" (Strauss).

9.47: Humour, Will Yates, "A Motor Talk" (Yates).

9.54: Instrumental, The Orchestra, "The Coons' Patrol" (Lotter).

### 3YA CHRISTCHURCH 980 kc. Thursday 10.

10.0: Devotional service.

10.15: Selected recordings.

11.0: Talk, by a Medical Officer of Health, "Care of Children's Teeth."

11.15: Selected recordings.

12.0: Lunch music. Description of races from New Zealand Metropolitan Trotting Club's Spring Meeting at Addington.

2.0: Selected recordings.

3.30: Special weather forecast.

### 1YA AUCKLAND 820 kc. Friday 11.

10 a.m.: Devotional service.

10.15: Selected recordings.

12.0: Lunch music.

2.0: Selected recordings.

5.0: Children, by Aunt Jean and Ned.

#### Dinner Music.

6.0: Columbia Symphony Orchestra, "Maritana—Overture" (Wallace). Dajos Bela Orchestra, "Marien Klange"—Waltz (Strauss). New Mayfair Novelty Orchestra, "Uncle Pete" (Jones).

6.15: J. H. Squire Celeste Octet, "Memories of Tschalkowsky" (arr. Sear). Debroy Somers Band, "A Musical Comedy Switch" (arr. Hall).

6.31: Johann Strauss and Symphony Orchestra, "Kiss Waltz" (Strauss). Symphony Orchestra, "La Vlda Brere" Spanish Dance (De Falla). New Light Symphony Orchestra, "Madame Butterfly" Selection (Puccini).

6.46: New Mayfair Novelty Orchestra, "Jollification" (Reeves). London Coliseum Orchestra, "Leslie Stuart Melodies" (Stuart). Albert Ketelbey's Concert Orchestra, "Jungle Drums"—Patrol (Ketelbey).

7.0: News and reports.

7.30: Sports talk.

#### Concert Programme.

(Relay to 1ZH, Hamilton.)

8.0: March (record), Band of H.M.

5.0: Children, by "Ladybird" and "Uncle Dick."

#### Dinner Music.

6.0: Berlin State Opera House Orchestra, "Marinarella" Overture (Fucik). Zonophone Salon Orchestra, "Rose in the Bud" (Foster). International Novelty Quartet, "Cuckoo" Waltz (Jonasson).

6.13: Dajos Bela Orchestra, "Vindobona—Viennese Folk Song Fantasy" (Leopold). Dajos Bela Orchestra, "Wedding in Lilliput" (Translateur). Stockholm Royal Opera House Orchestra, "Eugen Onegin—Polonaise" (Tschalkowsky).

6.29: Berlin Symphony Orchestra, "Tiefand—Selection" (d'Albert). International Concert Orchestra, "Sari—Waltz" (Kalman).

6.42: Debroy Somers Band, "Good News" Selection (de Sylva). Berlin State Opera House Orchestra, "From Opera to Opera" (Schestak).

7.0: News and reports.

7.30: Talk, J. W. Calder (of Canterbury Agricultural College), "The Clovers."

#### Concert Programme.

8.0: Recording, New Light Symphony Orchestra, "An American in Paris" (Gershwin).

8.18: Bass-baritone, Peter Dawson, "Song of Australia" (Carleton); "Bells and Hobbles" (Gleeson).

8.24: Violin with piano, Yonanovitch Bratza, "Carmen Fantasia" (Bizet): (a) "Habanera"; (b) "Gipsy Dance."

8.32: Overture, State Opera Orchestra, Berlin, "The Merry Wives of Windsor" (Nicolai).

8.40: Recording (Soprano), Lily Pons, "Una Voce Poco Fa"; "Io Son Docile" (Rossini).

8.46: Recording (Organ Duet), Mr. and Mrs. Jesse Crawford, "Masquerade" (Loeb).

8.49: Comedy Duologue, Burns and Allen, "Dizzy" (Burns and Allen).

8.55: Xylophone, Rudy Starita, "When the Circus Comes to Town" (de Race).

8.58: March, Sousa's Band, "Royal Fusiliers" (Sousa).

9.1: Weather forecast and notices.

9.3: Talk, Dr. A. L. Haslam, "The Rhineland."

9.18: Dajos Bela Orchestra, "Piccolo Piccolo" (Waltz Dream) (Strauss).

9.21: Soprano, Lily Pons, "Aria of the Queen of the Night"; "Voi che Sapete" (Mozart).

9.29: Piano and Orchestra, Mischa Levitzki and London Symphony Orchestra, "Concerto No. 1 in E Flat Major" (Liszt): (a) "Allegro Maestoso" (b) "Quasi Adagio."

9.37: Humour, Horace Kenny, "Almost a Film Actor" (Kenny).

9.45: Grand Opera Company, "Die Fledermaus" (Vocal Gems) (J. Strauss).

9.53: Contralto, Essie Ackland, "Tired Hands" (Sanderson).

9.57: Band of the H.M. Coldstream Guards, "Parade of the Puppets" (Kuhn); "The Changing of the Guard" (Flotsam and Jetsam).

### 4YA DUNEDIN. 650 kc. Thursday 10.

10.0: Selected recordings.

10.15: Devotional service.

10.45: Lecturette, J. V. Hanna, "Physical Culture for Women."

12.0: Lunch music.

2.0: Selected recordings.

3.15: Lecturette, Stan Lawson, "Fancy Dancing."

3.30 and 4.30: Sports results.

5.0: Children, by Big Brother Bill.

#### Dinner Music.

6.0: Milan Symphony Orchestra, "Il Matrimonio Secreto" Overture (Cimarosa). Columbia Concert Orchestra, "The Broken Melody" (Van Biene). J. H. Squire Celeste Octet, "Peter Pan" Selection (Crook). Philharmonic Orchestra, Berlin, "O Beautiful Maytime" (Strauss).

6.25: J. H. Squire Celeste Octet,

"Chant Sans Paroles" (Tschalkowsky). Debroy Somers Band, "Stealin' Thro' the Classics" (Overture). La Argentina, Castenets, with Orchestra, "La Corrida" (The Bull Fight) (Valverde). Jean Lensen Orchestra, "Ideale" (Tosti).

6.42: Albert W. Ketelbey's Concert Orchestra, "In a Fairy Realm" Suite (Ketelbey): (1) "The Moonlit Glade"; (2) "The Queen Fairy Dances"; (3) "The Gnomes' March." J. H. Squire Celeste Octet, "La Serenata" (Braga).

7.0: News and reports.

7.40: Talk, Mr. A. J. Gordon, "The Rehabilitation of Returned Soldiers."

#### Concert Programme.

8.0: Recording, Sousa's Band, "The National Game" (Sousa).

8.4: Bass-baritone, T. W. Dobbie, "You Along o' Me" (Sanderson); "The Lark Now Leaves His Watery Nest" (Hatton).

8.10: Selection, Mons. de Rose and His Octet, "A Little Dutch Girl" (Kalman).

8.20: Dialogue, H. Hunter and S. H. Osborne, Quarrel Scene from "Julius Caesar" (Shakespeare).

8.28: Baritone, Arthur McDonald, "The Dover Patrol" (Carrington); "Rose Marie" (Friml).

8.34: Clarinet, S. George, "Air and Variations" (Brepsant).

8.41: Tenor, E. Paris, "I Heard You Singing" (Wood).

8.45: Selection, The Octet, "Maid of the Mountains" (Fraser-Simson).

8.55: Recording, Light Opera Company, "Mister Cinders" (Ellis).

9.0: Weather report and notices.

9.3: Talk, Edith Howes, "The Rambles of a Story-Writer."

9.15: Baritone, E. J. Ottrey, "A Brown Bird Singing" (Coates).

9.18: Flute, C. Gibbons, "Operatic Melodies" (Verdi-Weber).

9.23: Recitals, C. H. Russell, "Soliloquy on an Old Shoe" (Nicholls); "An Old Bachelor" (Chevalier).

9.28: Selection, The Octet, "The Street Singer" (Fraser).

9.35: Dance music.

9.2: Reserved.

9.17: Piano, Eric Bell, "Finnish Folk Song" (Merikanto).

9.21: Humour, Alan McElwain.

9.25: Haydn Murray Trio, "Serenade" (Pierne).

9.29: Musical Sketch, Clarion Quartet, "A Kerry Courting" (Collinson).

9.44: Haydn Murray Trio, "Autumn and Winter" (Glazounov).

9.48: Record, Reg. Band of H.M. Grenadier Guards, "The British Army Fantasia" (Jullien).

### 2YA WELLINGTON 720 kc. Friday 11.

10.0: Selected recordings.

10.30: Relay from the Town Hall of Armistice Day Service.

11.12: Lecturette, "Fashions."

12.0: Lunch music.

2.0: Selected recordings.

3.30 and 4.30: Sports results.

5.0: Children, by Uncle Jim.

#### Dinner Music.

6.0: Berlin Philharmonic Orchestra, "Carnival Romain" Overture (Berlioz). Columbia Symphony Orchestra, "Al Fresco" (Herbert). London Palladium Orchestra, "Katja, the Dancer" Waltz (Gilbert). Berlin State Opera Orchestra, "Capriccio Italian" (Tschalkowsky).

6.23: Plaza Theatre Orchestra, "Minuet" (Finck). London Novelty Orchestra, "Love in Idleness" (Macbeth).

# Friday

Sporting: 3YA. 12 Noon—Trots at Addington.

Evening Talks: Sports Talk: 1YA, 7.30 p.m.

Daily summary of N.Z. Golf Championship Tournament—Mr. H. A. Black. 2YA, 7.25 p.m.

"Dahlias—Topical Reminders"—Mr. T. S. Waugh. 2YA, 7.40 p.m.

"My Favourite Poet—Lowell"—Hon. Mr. L. M. Isitt. 2YA, 9.2 p.m.

"Operatic and Concert Overtures"—Rev. Hubert Jones, Mus. Bach. (W.E.A.). 3YA, 7.30 p.m.

"Economic Problems of War—Standards of Living"—Mr. Lloyd Ross, M.A. (W.E.A.) 4YA, 7.30.

Features: 1YA. Haydn Murray's Trio. Sketch, "Armistice Day," by G. A. Thomas, Alan McElwain and J. B. Bailey. Pianoforte solos by Eric Bell.

2YA. Piano recital by Mr. Alfred Quaife. 8.30 p.m.

3YA. Light popular programme.

4YA. The Minnesingers, and Orchestra.

Coldstream Guards, "Colonel Bogey" (Alford).

8.4: Clarion Quartet, "In the Woods" (Mendelssohn). Tenor, Lambert Harvey, "Onaway Awake Beloved" (Coleridge-Taylor).

8.11: Record, The Roosters Concert Party, "Tommy's Little Day" (Merri-man).

8.19: Haydn Murray's Trio, "Liebestraum" (Liszt); "Canzonetta" (Tschalkowsky).

8.29: Record (bass), Marcel Journet, "La Marseilles" (de Lisle).

8.33: Sketch, G. A. Thomas, Alan McElwain, and J. W. Bailey, "Armistice Day" (Thomas).

9.0: Weather forecast and notices.

National Military Band, "Lohengrin" Prelude (Wagner).

**6.32:** Brunswick Salon Orchestra, "Love Everlasting" Waltz (Friml). J. H. Squire Celeste Octet, "Mignon" Polonaise (Thomas). Virtuoso String Quartet, "Londonerry Air" (arr. Bridge). De Groot and His Orchestra, "Louise" Selection (Charpentier).

**6.47:** J. H. Squire Celeste Octet, "Song of the Celeste" (Renard). New Concert Orchestra, "Jolly Fellows" Waltz (Vollstedt). Brunswick Salon Orchestra, "Little Grey Home in the West" (Lohr).

**7.0:** News and reports.  
**7.30:** H. A. Black, Daily Summary of N.Z. Golf Championship Tournament.  
**7.40:** Lecturette, T. S. Waugh, N.D.H. (N.Z.), "Dahlias—Topical Reminders."

#### Concert Programme.

**8.0:** Overture, The Orchestra, "The Merry Wives of Windsor" (Nicolai).  
**8.8:** Twenty minutes of selected recordings.  
**8.28:** Instrumental, The Orchestra, "Clutsam's Plantation Songs" (Clutsam).  
**8.38:** Selected recordings.  
**9.0:** Weather report and notices.  
**9.2:** Lecturette, Hon. L. M. Isitt, "My Favourite Poet—Lowell."  
**9.17:** Valse, The Orchestra, "Les Sirenes" (Waldteufel). Suite, "Henry VIII" (Foulds).  
**9.30:** Dance programme.

**3YA** CHRISTCHURCH 980 kc.  
Friday 11.

#### Armistice Day Anniversary.

**10.0:** Devotional service.  
**10.15:** Selected recordings.  
**11.0:** Two minutes silence.  
**11.2:** Special Armistice Day Anniversary Programme from Studio, arranged by "No More War Movement."  
Song, Millicent Jennings' Children's Choir, "The Peace of the Valley" (Balfe).  
Address, Rev. L. A. North, LL.B.  
Song, Madame Leighton, "There's a Land" (Allitsen).  
Address, Mrs. J. Richards.  
Children's Choir, "The Lamb" (Shaw).

**IYA** AUCKLAND 820 kc.  
Saturday 12.

**5.0:** Selected Recordings.  
**5.0:** Children, by "Cinderella."

#### Dinner Music.

**6.0:** Frank Westfield's Orchestra, "Lilac Time" selection (Schubert). Marek Weber and his Orchestra, "My Darling" waltz (Waldteufel). Grand Symphony Orchestra, "Tales of Hoffmann" Barcarolle (Offenbach). J. H. Squire Celeste Octet, "Funeral March of a Marionette" (Gounod).

**6.18:** New Concert Orchestra, "Vienna Maidens" (Zehrer). Berlin State Opera House Orchestra, "Praeludium" (Jarnfeldt). Regimental Band of H.M. Grenadiers, "The Smithy in the Woods" (Michaelis). New Queen's Hall Light Orchestra, "Petite Suite de Concert" "La Caprice de Nanette," "Demande et Response," "Un Sonnet d'Amour," "La Tarantelle Fretillante" (Coleridge-Taylor).

**6.41:** New Light Symphony Orchestra, "The Waltzing Doll" (Poldini). Debroy Somers Band, "The Desert Song" selection (Romberg). De Groot and Piccadilly Orchestra, "Lolita" (Blessier). Marek Weber Orchestra, "Dreams on the Ocean" waltz (Gungl).

Address, George Manning, M.A., Dip. Soc. Sc.

Dialogue, Mrs. S. Page and C. H. Cole, "Every Woman and War" (John Oxenham).

Address, N.M. Bell, M.A., B.D.  
Song, Children's Choir, "By the Waters of Minnetonka" (with violin obbligato), (Lieurance).

**12.0:** Lunch music.  
Description of N.Z. Metropolitan Trotting Club's Spring Meeting at Addington.  
**2.0:** Selected recordings.  
**3.30:** Special weather forecast.  
**5.0:** Children, by Cousin Beatrice.

#### Dinner Music.

**6.0:** New Queen's Hall Light Orchestra, "The Little Minister" Overture (MacKenzie). Edith Lorand Orchestra, "Hedgeroses" (Lehar). Barnabas von Geazy Orchestra, "The Student Prince" Selection (Romberg).

**6.21:** J. H. Squire Celeste Octet, "Invitation to the Valse" (Weber). Palladium Orchestra, "La Siesta" (Barcarolle) (Norton). Royal Opera Orchestra, "Sylvia" Ballet—Pizzicato and Procession of Bacchus (Delibes).

**6.36:** Brunswick Concert Orchestra, "March of the Tin Soldiers" (Pierno). Orchestra de la Societe des Concerts du Conservatoire, Paris, "Le Rouet d'Omphale" (Saint Saens).

**6.46:** Philadelphia Symphony Orchestra, "Carmen—Soldiers Changing the Guard" (Bizet). Dajos Bela Orchestra, "Russian Fantasie" (Lange). H.M. Coldstream Guards Band, "The Geisha" Selection (Jones).

**7.0:** News and reports.  
**7.30:** W.E.A. Session, Rev. Hubert Jones, Mus. Bac., "Operatic and Concert Overture."

#### Concert Programme.

**8.0:** Studio Orchestra, "Zampa" (Herold).  
**8.10:** Recording, Mixed Chorus, "Sea Songs."  
**8.14:** Recording (Soprano), Rosa Ponselle, "Since First I Met Thee" (Rubinstein); "Songs My Mother Taught Me" (Dvorak).  
**8.20:** Studio Orchestra, "Pizzicato

Polka" (Strauss); "The Clock is Playing" (Blaauw).

**8.27:** Baritone, Clive Hindle, "I Fear No Foe" (Pinsuti).

**8.30:** Selected recordings.  
**9.0:** Weather forecast and notices.  
**9.16:** Studio Orchestra, "Egyptian Dance" (Ansell); "Edelweiss Gavotte" (Toubie); "The Gnomes' March" (Ketelbey).

**9.24:** Soprano, Rosa Ponselle, "Ave Maria" (Gounod); "Elegie" (Massenet).  
**9.32:** Recording (Cello), Gaspar Casado, "Humoreske" (Dvorak).  
**9.36:** Recording (Piano Duet), Raie da Costa and Harry Jacobsen, "Sunshine Susie."

**9.39:** Baritone, Clive Hindle, "Sledge Song" (Folk Song); "Fleurette" (McGeoch); "The Ragged Vagabond" (Randolph).

**9.45:** Recording (Xylophone), Rudy Starita, "Rio de Janeiro" (de Gredos).  
**9.48:** Recording (Sketch), Clapham and Dwyer, "A Spot of Income Tax Bother" (Clapham and Dwyer).

**9.54:** One-step, Studio Orchestra, "Kitty from Kansas City" (Greer); "Vienna Life" (Strauss).

**4YA** DUNEDIN. 650 kc.  
Friday 11.

**10.0:** Selected recordings.  
**10.15:** Devotional service.  
**10.45:** Lecturette, Miss I. Finlay, "Cooking and Recipes."  
**12.0:** Lunch music.  
**2.0:** Selected recordings.  
**3.15:** Lecturette, Miss Haworth, "Interior Decoration."  
**3.30 and 4.30:** Sports results.  
**5.0:** Children, by Aunt Sheila.

#### Dinner Music.

**6.0:** National Symphony Orchestra, "William Tell" Overture (Rossini). International Novelty Orchestra, "To Die Dreaming" Waltz. Peltronieri String Quartet, "Serenade from Quartet in F" Op. 3, No. 5 (Haydn).  
**6.19:** Jack Hylton and Orchestra, "Memories of Paris" (Moretti). J. H. Squire's Celeste Octet, "Scene de Ballet" (de Beriot). Royal Italian Band, "Marcia Reale" Royal March (Gabetti).

## Saturday

#### Sporting:

**3YA.** 12 Noon—Running description of last day's racing of C.J.C. meeting.

**Evening Talks:** Horticultural Talk, "Chrysanthemums"—Mr. H. C. McMahon. **IYA,** 7.30.

Daily summary of N.Z. Golf Championship Tournament—Mr. H. A. Black. **2YA,** 7.25 p.m.

#### Features:

**IYA.** Selected recordings, and **IYA** artists.  
**2YA.** Relay from Town Hall of Concert by Wellington Commercial Travellers' and Warehousemen's Association.  
**3YA.** H. Instone (humour); Miss Nelly Lowe (contralto), and Mr. Douglas Suckling (tenor).  
**4YA.** Relay from His Majesty's Theatre of "The Belle of New York."

**7.0:** News and Reports.  
**7.30:** Horticultural Talk by A. E. McMahon, "Chrysanthemums."

#### Concert Programme.

**8.0:** Record, Band of H.M. Goldstream Guards, "Poet and Peasant" (Suppe).  
**8.5:** Soprano, May Aroa, "Il Bacio" (Arditi); "Through the Woodlands" (Thompson).

**6.32:** Parlophone Salon Orchestra, "La Source—Ballet Suite" (Delibes). Salon Orchestra, "Aloha Sunset Land" (Kawelo). Reginald King and Orchestra, "The Song I Love" (Henderson).

**6.46:** Zonophone Salon Orchestra, "Simple Aveu" (Thome). Marek Weber and Orchestra, "Vienna By Night" (Komzak).

**7.0:** News and reports.  
**7.30:** W.E.A. Session: Lloyd Ross, M.A., "Economic Problems of War—Standard of Living" (fourth of series).

#### Concert Programme.

**8.0:** Recording, H.M. the King's Speech at the Opening of the Five Power Naval Conference.

**8.7:** Chorus, The Minnesingers (Conductor, J. T. Leech), "This English Land" (Phillips).

**8.12:** Selection, The Orchestra, "Merrie England" (German).

**8.23:** Contralto, Helen Roy, "Homeland" (Drummond).

**8.26:** Recording, "The Roosters" Concert Party, "Army Reminiscences" (Marriman).

**8.31:** Selection, The Orchestra, "Had-don Hall" (Sullivan).

**8.40:** Solo and Chorus, The Minnesingers, "O Peaceful England"; "Love is Meant to Make Us Glad" (German).

**8.46:** Selection, The Orchestra, "The Lily of Killarney" (Benedict).

**8.54:** Recording, The Maestros, "Because" (D'Harlelot).

**8.57:** Helen Roy and Mr. J. T. Leech, "Kingfisher Blue" (Woodforde-Finden).

**9.0:** Weather report and notices.  
**9.2:** Reserved.

**9.17:** Overture, The Orchestra, "Comrades in Arms" (Gruenwald).

**9.25:** National Airs, by The Minnesingers and Orchestra, Belgium, "La Brabanconne" (Trdtl.); France, "La Marseillaise" (de Lille); America, "The Star-Spangled Banner" (Smith); Canada, "The Maple Leaf" (Mimis); New Zealand, "God Defend New Zealand" (Wood).

**9.50:** Recording (Organ), Emil Velazco, "A Perfect Day" (Jacobs-Bond).

**9.57:** March, The Orchestra, "Jack Tar" (Souza).

Lad." Bass (record), Harry Dearth, "The Drum Major" (Newton).

**8.37:** Intermezzo, Orchestra, "In the Moonlight" (Ketelbey); "Love's Dream After the Ball" (Czibulka).

**8.44:** Comedy (record), Will Fyfe "Daft Sandy" (Fyffe).

**8.52:** Piano accordion, C. W. Bruce, "When the Moon Comes Over the Mountain" (Woods); "Fox Trot Medley" (arr. Bruce).

**8.58:** Record, National Military Band, "Prairie Flower" (Hume).

**9.01:** Weather Forecast and Notices.

**9.03:** Reserved.

**9.18:** Selection, Orchestra, "The Chocolate Soldier" (Strauss).

**9.28:** Soprano: May Aroa, "Life" (Ronald); "The Lass with the Delicate Air" (Arne).

**9.34:** Humour (record), Burns and Allen, "Dizzy" (Burns and Allen).

**9.40:** Cornet duet with orchestra, W. Bright and Rex Wills, "Sparkling Trumpet" (Losey).

**9.44:** Novelty piano and vocal, Mr. and Mrs. Prentice, "Close Your Eyes" (Tenant); "You're the One I Care For" (Lown).

**9.50:** Recital, Henry Ainly, "The Bells" (Poe).

**9.54:** Piano accordion, C. W. Bruce, "Waltz Medley," "Elizabeth" (arr. Katcher).

**10.10:** Dance Music.

**8.12:** Record, John Henry, "Captain Cook Discovers Australia" (Henry).

**8.18:** The Orchestra, "Southern Impressions" (Ancliffe).

**8.24:** Novelty piano and vocal, Mr. and Mrs. A. J. Prentice, "Pardon Me, Pretty Baby" (Rose); "How the Time Can Fly" (Donaldson).

**8.30:** Bagpipes (record), Pipe Major Forsyth, "Because He Was a Bonnie

**2YA WELLINGTON 720 kc.**  
Saturday 12.

3.0: Selected recordings.  
3.30 and 4.30: Sports results.  
5.0: Children, by Aunt Molly and Uncle Jasper.

**Dinner Music.**

6.0: Regal Salon Orchestra, "Memories of Beethoven" (Beethoven). Marek Weber and His Orchestra, "Luna Waltz" (Lincke). Royal Opera Orchestra, "Carmen—Entr'acte and Ballet No. 1" (Bizet). Dajos Bela Orchestra, "Eldgaf-feln" (Lunden).

6.20: J. H. Squire Celeste Octet, "Putting the Clock Back" (arr. Squire). Jesse Crawford (organ), "I'll Close My Eyes to the Rest of the World" (Friend). Grand Symphony Orchestra, "Raymond" Overture (Thomas).

6.40: J. H. Squire Celeste Octet, "Air on G String" (Bach). Rio Novelty Orchestra, "Spaventa—Tango" (Pares). Grand Symphony Orchestra, "Tales of Hoffmann—Entr'acte and Minuet" (Offenbach). J. H. Squire Celeste Octet, "Memories of Devon" Valse (Evans).

6.51: Grand Symphony Orchestra, "Japanese Lantern Dance" (Yoshitomo). Marek Weber and His Orchestra, "Blumenlied, Op. 39" (Lange).

7.0: News and reports.

7.40: H. A. Black, "Daily Summary of N.Z. Golf Championship Tournament."

**Concert Programme.**

(Related to 2ZD, Masterton).

8.0: Relay from Concert Chamber, Town Hall, by Wellington Commercial Travellers' and Warehousemen's Association Male Voice Choir. Conductor, John Bishop.

10.0: Sporting summary.

10.10: Dance programme.

**3YA CHRISTCHURCH 980 kc.**  
Saturday 12.

12.0: Description of last day's races from Canterbury Jockey Club's Spring Meeting at Riccarton.

3.30: Special weather forecast.

5.0: Children, by "Aunt Pat" and "Riddleman."

**Dinner Music.**

6.0: Philadelphia Symphony Orchestra, "Carmen—March of the Smugglers" (Bizet). Plaza Theatre Orchestra, "The Three Bears" (Coates). Grand Symphony Orchestra, "The Land of Smiles" Selection (Lehar).

6.19: International Concert Orchestra, "Luxembourg" Waltz (Lehar). London Palladium Orchestra, "Lightning Switch" (Aldford). New Light Symphony Orchestra, "Spanish Dance No. 1" (Moszkowski). Royal Opera Orchestra, "The Sleeping Beauty" Panorama (Tschalkowsky).

6.36: Dajos Bela Orchestra, "The Swallows" Waltz (Strauss). New Queen's Hall Orchestra, "Carmen Entr'acte" Act 3 (Bizet).

6.51: Marek Weber and Orchestra, "Faust" Selection (Gounod). Dajos Bela Orchestra, "Viennese Waltz Potpourri."

7.0: News and reports.

**Concert Programme.**

8.0: Christchurch Salon Orchestra, "London Scottish" (Haines).  
8.7: Recording, The Jolly Old Fellows, "Chorus Hits of Yesterday."

8.13: Recording, U.M. Coldstream Guards' Band, "Regimental Marches of

the Brigade of Guards."

8.16: Contralto, Nellie Lowe, "The Dream Canoe" (Squire); "When the House is Asleep" (Haigh).

8.21: Recording, "Pipe Band Second Battalion Cameron Highlanders, "March Past of Highland Regiments" (arr. Marshall).

8.24: Recording (Bass), Malcolm McEachern, "Only an Old Rough Diamond" (Stroud).

8.27: Humour, H. Instone, "Courtier Betty Eglinton" (An English County Courtship) (Instone).

8.32: Salon Orchestra, "Lights o' London" (Lowry): (a) "Dawn"; (b) "Noon"; (c) "Dusk"; (d) "Midnight."

8.41: Recording, Raymond Newell, "English Maids" (Messenger); Raymond Newell and Chorus, "The Eton Boating Song" (Drummond).

8.47: Recording, Handbells and Chimes, Barnardo Boys, "The Bells of St. Mary" (Adams).

8.50: Tenor, Douglas Suckling, "A Song and a Dream" (Cadman); "Go Down to Kew in Lilac Time" (Peel).

8.54: Recording (Cornet), Harry Mortimer, "Richmond Hill" (Gheel).

8.57: Recording, National Concert Band, "A Hunting Scene" (Bucalossi).

9.1: Weather forecast and notices.

9.3: Reserved.

9.19: Salon Orchestra, Three Dances from "Neil Gwynn" (German): (a) "Country Dance"; (b) "Pastoral Dance"; (c) "Merrymakers' Dance."

9.28: Contralto, Nellie Lowe, "The Red Rose of England"; "Gretna Green" (Oliver); "Just a Ray of Sunshine" (Squire).

9.33: Recording, The Fillmore Band, "The Whistling Farmer Boy" (Fillmore).

9.36: Humour, H. Instone, "Scottish Patter" (Instone).

9.41: Recording (Handbells), Famous Barnardo Boys, "The Legend of the Bells" (Planquette).

9.45: Tenor, Douglas Suckling, "Where Haven Lies"; "A Sprig of Rosemary"; "The English Rose" (with orchestra) (German).

9.51: Salon Orchestra, "Cameos of London Life" (Cockney Suite) (Ketelbey).

10.0: News summary.

10.10: Dance music.

**4YA DUNEDIN 650 kc.**  
Saturday 12.

3.0: Selected recordings.

3.30 and 4.30: Sports results.

5.0: Children, by Aunt Anita.

**Dinner Music.**

6.0: Columbia Symphony Orchestra, "Bridal Procession" (Grieg). Paris Philharmonic Orchestra, "Hansel and Gretel" Overture (Humperdinck). Major Bowes Capitol Theatre Trio, "Pale Moon" (Logan). Grand Symphony Orchestra, "Suite Orientale" (Popy): (1) "The Baideres"; (2) "On the Shores of the Gauges"; (3) "The Patrol"; (4) "The Dancers."

6.27: Vienna Philharmonic Orchestra, "Music of the Spheres" Waltz (Strauss). London Novelty Orchestra, "Amina—Egyptian Serenade" (Lincke). Regal Cinema Orchestra, "Show of Shows" Selection.

6.42: Zurich Tonhalle Orchestra, Gavotte from "Idomeneo" (Mozart). Polydor String Orchestra, "The Good Old Days" Medley (Koek). J. H. Squire Celeste Octet, "Love's Old Sweet Song" (Molloy).

7.0: News and reports.

**Concert Programme.**

8.0: Relay from His Majesty's Theatre of "Belle of New York" (Kerker),

**PRIVATE STATION PROGRAMMES****1ZR Programmes**

Friday, November 4.—10.30: Devotional service—Uncle Scrim. 11.15-2 p.m.: Mensam, 5: Dinner music, 6: Children's session—Uncles Cam and Fairy Princess. 7: Mr. Bill Hindman—"Sport." 7.30: Relay of Community Singing from Lewis Eady Hall. Song Leader, Vernon Drew. 9-10 Mr. Edwin Parker and music.

Saturday.—10.30 a.m.: Devotional service—Rev. C. Strand. 10.45-1.30 p.m.: Music. 5: Dinner music. 6: Children's session—Polly Flinders and Jack the Giant-Killer. 7.15: Junior Chamber of Commerce, Speaker. 8: Popular programme. 10-11: Dance session.

Sunday.—9 a.m.: Uncle Tom's children's session. 9.40: Uncle Scrim conducting studio church service, with 1ZR Broadcasting Choir under direction of Mr. J. Whitley McElwain. 6 p.m.: Music. 6.15: Miss Baker's Church of England children's service. 7: Relay of Mr. A. H. Dallimore's Mission Service from the Town Hall. 8.30: Studio Standard Classics. 8.9.30: Mr. Geo. Campbell.

Monday.—10.30 a.m.: Devotional service—Mr. Garner. 11.15-2 p.m.: "Maori-lander"—Tit-bits. 5: Dinner music. 6: Children's session—Hoppy. 7: Music. 8-10: Popular programme.

Tuesday.—10.30 a.m.: Devotional service—Uncle Scrim. 11.15-2 p.m.: Mrs. Hedda Dyson and Mrs. M. Dreaver—"Chats on the East." 5: Dinner music. 6: Children's session—Aunts Ruth and Nina. 7: Music. 8-10: Popular programme.

Wednesday.—10.30 a.m.: Devotional service—Uncle Scrim. 11.15-2 p.m.: Miss Jean Boswell. 5: Dinner music. 6: Children's session—Uncle Tom. 7: Music. 8-10: Popular programme.

Thursday.—10.30 a.m.: Devotional service—Uncle Scrim. 11.15-2 p.m.: Mr. W. Anderton—"The Human Body." 5: Dinner music. 6: Children's session—Wendy. 7: Music. 8: Musical programme. 10-11: Dance session.

**2ZW Notes**

CONTINUING his series of recitals under the auspices of the League of Nations International Committee of Intellectual Co-operation, Mr. Byron Brown, on Thursday, November 3, will speak on "Prophetical Poetical and Literary Curiosities." These fortnightly recitals are proving of great interest to listeners, and 2ZW is fortunate in having the co-operation of such an authority as Mr. Byron Brown.

ST. JAMES'S Presbyterian Sunday School, Wellington South, opened 50 years ago, is now one of the largest Sunday schools in the Dominion, having a membership, including teaching staff, of 300. The anniversary services have for many years past been a feature in the life of the congregation and scholars alike, and a high standard of special choir singing has

by the Dunedin Amateur Operatic and Dramatic Society. Producer: Stan Lawson.

10.30: Sports summary.

10.40: Dance music.

**2YB NEW PLYMOUTH 1230 kc.**  
Saturday 12.

7.30 to 8.0: News and information, sports results and lecture session.

8.0 to 10.0: Studio concert.

10.0: Sports summary.

always been aimed at. For their 1932 jubilee anniversary services an exceptionally good selection of hymns and solos has been made, and these will be rendered on Sunday, November 6, at the special services at 11 a.m., 3 p.m. and 7 p.m.

THE evening service will be broadcast by station 2ZW, when the address will be given by Rev. W. R. Milne, pastor of St. James's. The organist will be Mr. A. A. Brown, and the choir of 250 voices will be under the baton of Mr. H. E. Brooker.

**2ZW Programmes**

(1120 kc., 268 m.)

Tuesday, November 1.—7-8.30: Breakfast session. 10: Devotional service. 10.15: Session for womenfolk. 11.45: Pianoforte recordings. 12-2: Lunch session. 7: After-dinner music. 7.30: Motoring talk. 8: Weather forecast and station announcements. 8.5: Concert programme. 9.30-10.15: Dance programme.

Wednesday.—7-8.30: Smokers' special session. 10: Devotional service. 10.15: Session for womenfolk. 11.45: Pianoforte recordings. 12.2 p.m.: Lunch session. 5-6: Children's session, conducted by Uncle Toby and Aunt Joan. 7 p.m.: After-dinner music. 7.30: Weekly talk on building and constructional matters. 8: Weather forecasts and station announcements. 8.5: Tabloid revue by the Merrymakers. 9: All-British concert programme. 10-10.55: Dance programme, including a relay of Frank Crowther's Orchestra from the Majestic Lounge.

Thursday.—7-8.30 a.m.: Breakfast session. 10: Devotional service. 10.15: Session for womenfolk. 10.30: Musical programme. 11.45: Pianoforte recordings. 12-2 p.m.: Lunch session. 3: Talk by Miss Madge Thomas, followed by quality musical programme. 3.30-4: Relay of afternoon tea music. 5-6: Children's hour, conducted by Ladybird and Uncle Valdie. 7: After-dinner music. 8: Weather forecast and station announcements. 8.5: Special quality programme, including studio concert by Signor Lucien Cesaroni, and the fortnightly talk under the auspices of the League of Nations International Committee of Intellectual Co-operation, by Mr. Byron Brown. 10-10.55: Dance programme.

Friday.—7-8.30 a.m.: Smokers' Special session. Silent remainder of day.

Saturday.—7-8.30 a.m.: Breakfast session. 10: Devotional service. 10.15: Session for womenfolk. 11.45: Pianoforte recordings. 12-2 p.m.: Lunch session. 7: After-dinner music. 8: Weather forecast and station announcements, together with sporting review. 8.15: Popular concert programme. 10-11.15: Dance programme, including relay from Mr. Frank Crowther's Orchestra from the Majestic Lounge.

Sunday.—11-12.15 p.m.: Devotional service by the Padre. 6.30: Session of evenside music. 7 p.m.: Relay of evening service, Sunday School Anniversary, from St. James' Presbyterian Church, Wellington South. Preacher, Rev. W. R. Milne; organist, Mr. A. A. Brown; conductor, Mr. H. E. Brooker. 8.15: Quality musical programme. 9.55-10: Epilogue.

Monday.—7-8.30 a.m.: Smokers' special session. 10: Devotional service. 10.15: Session for womenfolk, including a talk by Mr. Meecham (St. John Ambulance). 11.45: Pianoforte recordings. 12-2 p.m.: Lunch session. 7: After-dinner music. 7.30: Talk by Mr. Stilling. 8: Weather forecast and station announcements, followed by a brief talk by Mr. A. W. Hawley. 8.15: British concert programme. 9: Relay of wrestling. 10-10.55: Dance programme.

**AVON** (Christchurch): R1A in the parts list of the "DX Four" is described as 80 ohms potentiometer, when in the theoretical circuit it is shown as a resistance, and I cannot find R2 described as 300 ohms resistor in the circuit.

A.: R1 is a 100,000 ohms potentiometer, R1A is a 300 ohms resistor, and there is no R2. Difficulty has been caused by resistor R2 being changed to R1A in the diagram and not on the parts list.

2. What space should there be between the coils—aerial and secondary, primary and secondary and tickler?

A.: About 1-Sin.

3. Have you tried out the "DX Four"?

A.: Yes, and we had splendid results on it. We have also heard of a number who have made it up, and all are very pleased with the results they are getting.

**86HB** (Napier): When the set is in use and the volume control is

moved or touched there is a heavy rasping noise.

A.: This is a defect in the volume control potentiometer. In your model it takes the form of a dual potentiometer, one portion being in series with the aerial and earth, and the moving slider connected with the top of the aerial coil, the other portion being across the cathode return to the oscillator, and the voltage divider. The moving arm is connected to earth, and moves in synchronisation with the moving arm of the antenna potentiometer.

2. My set has been in use twelve months and has had nothing wrong with it. Should it be tuned up?

## Questions and Answers

A.: In all probability it doesn't need it. Maybe your valves are on the downward grade, but if the set is giving satisfactory service, there is nothing to worry about.

**R. S.** (Auckland): My seven-valve battery set will not pick up distant stations. Do you think the audio transformer has anything to do with it?

A.: We think the audio transformer would not have anything to do with it. If it were at fault there would be a crackling in your speaker. Your set may need rebalancing, or there may be a weakness which can be detected only by a diagnostic test. Having not given us the model of your set we cannot tell you the function of the resistances you speak of. If there is no reading on them there is a possibility they are not functioning properly. The resistance enclosed is a 1600 ohms, and could be replaced with a 1500-ohm carbon type resistor.

**KAPAONGA** (Taranaki): I cannot get the "Kestrel Three" to oscillate below 80 metres. What are the number of turns required for the 40-metre and 20-metre band, using 26 or 30 d.s.c. wire?

A.: The turns given for 24 d.s.c. wire should be approximately correct for 26. It will be advisable, however, to increase the number of turns on the regeneration coils to, say, 10 on the 40-metre band and 6 on the 20-metre band. Try reversing the connections to these coils, and if possible try a different detector valve. Another r.f. choke and increased voltage on B+ detector might also help regeneration. Similarly it might be as well to increase the grid-leak to 8-10 megohms.

2. There is a very disturbing ripple or harshness. What is the cause of this?

A.: It might be due to faulty biasing or a faulty speaker. Probably the latter.

**INQUIRER** (Methven): On the lower wavebands I cannot advance the reaction condenser on my "Outspan Five" unless the set oscillates. On the uppers I can only advance it a quarter. Would reception be better by altering the reaction control?

A.: Yes; there are too many turns on the reaction coil. Undo the top of this coil from its connection with the former and take off five or six turns. Break the connection again and then try it. The set should just oscillate when the reaction condenser is full in at the top of the dial.

2. How would I overcome the motor-boating when the rheostat is turned down?

A.: Motor-boating can generally be overcome by an adjustment of the voltage on the detector.

3. Are voltages incorrect when volume increased when power voltage drops?

A.: This again seems like incorrect voltage on your detector. It may pay to try adjusting this before touching the reaction control. It can be altered by the use of a 20,000 variable resistance in series with the detector tapping. It may be necessary to connect between the set side of the resistance and "B—" a 1 or 2 mfd. condenser.

**SHORTWAVE** (Dunedin):—No, there is no adaptor in the 1933 "Radio Guide." The most serviceable adaptors these days are the superheterodyne converters, which are not easily made at home. It is far better to purchase one.

2. What would be the change in the tickler coil incorporating a .0005 volume control for regeneration to the "Ranger Two"?

A.: A.0005 is too big to control reaction. Connect in series with it a .0005 condenser, and this will reduce the effective capacity.

**CONDENSER** (Hamilton):—I have a six-valve screen-grid detector set with pentode and variable-mu valves. I can only get one American station.

A.: May be your condensers are out of alignment or your valves are faulty. From such a general statement we cannot advise you what is wrong.

2. My aerial is about 32 feet at each end, and about 90 feet in total length. Is this long enough?

A.: Yes, it is an average aerial.

3. Is Claudelands, Hamilton, a good district for dxying?

A.: Good results are obtained round about that district.

**CHARLTON** (Naseby):—A ringing sound still persists in my cone speaker, although I have padded the detector valve. Shall I treat the other two valves likewise?

A.: If any other valve is the same as the detector valve, try changing them round. If not, see if you can borrow a valve of the same type as the detector and try that. It seems that the valve is very badly microphonic.

**A. C.** (Dannevirke): Accompanied by cracking and flickering of the valves, my set keeps jumping from too full to faint volume. Sometimes it is cured by adjusting the volume control.

A.: There is a defect in the power-pack or in the filament connections to the valves. If you can get at it to examine them yourselves, see if you can find any loose connections. If not it will be a case of sending the set to a serviceman.

**OMSK** (Whakatane): I have connected a pair of phones into another room, taking two strands of 22 s.w.g. copper wire as connecting wires, but when plugging in in the next room the music is blurred and distorted.

A.: That is rather strange; the wire is all right and should work quite well from the lead. Does the speaker distort simultaneously with the extension lead? Is there any chance of the wires touching or being shorted by staples. Have you tried reversing the connections to your phones at the distant end?

2. A curious phenomenon sometimes occurs. I tune to a very weak station, when suddenly the volume increases enormously and equally as suddenly disappears.

A.: If this does not occur on stronger stations we are at a loss to understand the reason. We presume, too, that your aerial and earth are in good condition and the trouble is not being occasioned through a defect in these.

**UNCERTAIN** (Riccarton): Could I use a dynamic speaker with a 2500 ohms field in place of the 8000 ohms field as shown in the power-pack for the "Link Three," putting in series with it a resistance of 15,000 ohms?

A.: If you wish to use a 2500 ohms field, the best plan would be to use it in place of one of the chokes—say a choke number 2. It would then not need any extra resistances, but you would need to wind on approximately 2000 turns on either side of the centre tap of the secondary. The 2500 ohm field at 110 volts draws 40 millamps, at 190 volts 70.

3. If you want to use the hook-up shown, use one 750 ohm resistance rated at 5 watts. A carbon resistance would be satisfactory.

**M. M.K.** (Whangarei):—At night my set will give a click and music and speech fade away until I push the switch of the set down for a second, when it comes on again. This takes place every fifteen minutes or so. I have had a mechanic to see the set, and he made only a little improvement.

A.: We are afraid if the man looked at it and couldn't do anything, we cannot. It is some obscure trouble, and your best plan would be to keep the man on the job until he gets it right.

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OFFICIAL

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By Command of Their Lordships,  
(Signed) O. MURRAY,  
Secretary to H.M. Admiralty.

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## Short-wave News

## Christmas Eve Broadcast.

THE Christmas Eve broadcast to the Empire, which had been so carefully planned for last year, and which had to be abandoned owing to trouble with an American-controlled telephone company in Canada, is being revived.

It is understood that the cause of the trouble last year has been removed. Moreover, Mr. Cecil Graves, the newly-appointed director of the Empire station, is determined to carry through this project as the first great effort of his new service.

The plan last year was to extend the old B.B.C. idea of a "round the stations" programme to a "round the Empire" programme. There were to be contributions from Australia, New Zealand, South Africa, and several parts of Canada. This year the plan will be still more comprehensive, and, if the programme is successful, it should occasion many thrills throughout the length and breadth of the British Commonwealth of Nations. An interesting point is that there is already an express desire for the relaying of this programme in the United States.

## W4XD, Florida.

REPORTS are coming to hand of good reception of this new American short-wave station from several readers. The frequency of W4XD is given as 6040 kilocycles (49.6 metres). This station, and WIOD, where the programmes broadcast originate, are owned by the Isle of Dreams Broadcasting Co., Miami, Florida. Their schedule is not yet to hand, but they usually sign off at 6 p.m., or they announce "1 a.m. Eastern standard time."

Those who have not yet heard W4XD should tune in just above W8XAL soon after 4 p.m., when the new station first becomes audible, increasing in volume till closing time.

## Reception in Canterbury.

MR. F. V. SHANN (Christchurch), new at shortwave radio, but very keen, reports DJA, Zeesen, as coming in there at good volume and quality till about 7.30 a.m. W4XD has been brought in at good strength. An American was heard recently till 8 p.m. on about 25 metres with the same programme as KGO. Static and surging made it impossible to hear the call, except the prefix "W." Mr. Shann has found static very bad recently on shortwaves. Well, he has not got that on his own.

## League of Nations Broadcasts.

THE interesting notice in last week's "Record" about the League of Nations' weekly broadcasts by Mr. T. Todd, secretary of the League of Nations Union here, gave the hours in several countries, but not our time, and as some may have trouble in converting, I am taking the liberty of translating to New Zealand summer time. The first session will be from 1.30 a.m. on Monday morning and the second session from 11.30 a.m. the same morning, on either 20.74, 30.3 or 40.3 metres.

## Log for Week Ending October 29

THERE has been quite a lot of static during the past week on all except the very short waves.

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Round the World on  
SHORTWAVE

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RV15, Khabarovsk, 70.1 metres.—Not heard every night recently; volume good when on the air. On Tuesday at 10.15 p.m. it was R9 with one stage of audio with orchestral music.

HVJ, Vatican City, 50.26 metres.—About R8 during the early morning session.

RV59, Moscow, 50 metres.—Friday was the only day I received this station at all well. At 6.45 a.m. it was very good at R8.

W4XD, Miami, 49.6 metres.—Most evenings till 6 p.m., varying from R5-8. On Wednesday it was going after 6 p.m., but static and gushiness spoilt reception.

W8XAL, Boundbrook, 49.18 metres.—Sunday only as usual, but not up to the volume we expect.

W8XX, Pittsburg, 48.86 metres: A regular station now, every day till about 5.30 p.m., by which time volume reaches

R8-9. On Tuesday, several accordion items were heard by "The Accordion Man."

REN, Moscow, 75.38 metres: Thursday and Friday between 6.30 a.m. and 7 a.m. at R7 with talk.

VK3ME, Melbourne, 31.55 metres: Wednesday and Saturday from 10 p.m. at R9 with the usual severe fading.

W2XAF, Schenectady, 31.48 metres: R5 is the best I can receive this station now, which is at closing time, 4 p.m.

DJA, Zeesen, 31.38 metres: To hear this German transmitter at its best, one must be up early. It is excellent at R9 till about 6.45 a.m., after which volume goes off gradually to very weak by 8.30 a.m.

WIXAZ, Springfield, 31.35 metres: Coming back again slowly, being audible now for a short time each afternoon.

VK2ME, Sydney, 31.28 metres: Ex-

cellent on Sunday at maximum volume on the international week-end transmission.

J1AA, Japan, 30.5 metres: Every evening, but later now before it reaches good volume, which does not exceed R8 just now.

Java, 29 metres (about): On Friday evening at 10.20 p.m., music was heard at R4, followed by "Hullo, Sydney, here is Bandoeng calling." The talk was much clearer and louder than the music.

VK2ME, Sydney, 28.5 metres: 2ME were testing on this wavelength on Friday between 5 p.m. and 6 p.m. with records. The only announcements were: "This is VK2ME testing on 28.5 metres."

Radio Colonial, Paris, 25.6 metres.—Only heard on Monday at 11 a.m., being R3 then.

G5SW, Chelmsford 25.53 metres.—Thursday was the only morning that 5SW was more than "just audible." At 7 a.m. it was R7 with rapid fade, but announcement were just readable. Volume soon went off. I tried it one night only, Saturday, well after midnight, 12.45 a.m., when it was really good, R9 and 100 per cent. readable, every word of the programme announcements for that evening and Monday, together with the news for the day, which included the result and details of the cricket match, Combined Australia v. England, played that day, was easily readable. An organ recital followed from a cinema.

12RO, Rome, 24.4 metres.—This station does not follow the rule of being strong early and going off later, like the others on this band. Some mornings this is the case, but others, when it is weak at 7 a.m., they are up to R8 at 8 a.m. It is always worth listening to when volume is good, as they broadcast some very fine music.

Radio Colonial, Paris, 25.2 metres.—Only heard on Thursday on this wavelength, being R7 at 7 a.m., with rapid fading.

Radio Colonial, Paris, 19.68 metres.—Sunday morning, open at 1 a.m., only just audible.

Many Good Things for  
Shortwavers

## The November Radio Times

## Miami Station

THIS month's "Radio Times" has set a very high standard in New Zealand technical publications. With a total of fifty-two pages, excluding the cover, the journal is the largest yet, and contains a wealth of information that no radio enthusiast can afford to miss. The number is a special short-wave one, but in addition has some other very interesting information. The circuits represented are a modern two valve shortwaver—the "N.Z. Shortwave Club Two," the "Cathode Special Five"—a five valve a.c. all-wave set, and the Teisen Triple Three, and small wave set. These two circuits have been very carefully worked out, and the descriptions are such that anyone can follow. There are also skeleton details of the "Radio Times" wonder set, the "A.B.C. Seven."

There is an article on automatic volume control, which has been written so that anyone with but the faintest knowledge of radio can understand, whilst students of radio will find the explanations of reactance and impedance of considerable value. The general and dx reader are well catered for by several articles, particularly one on radio in Japan—a well illustrated and brightly written article.

To create interest in shortwave are several well-written articles, one by Mr. F. W. Sellens, who is easily the best-known shortwave listener in New Zealand. In his article Mr. Sellens takes his listeners through twelve hours of listening, telling them what stations they can find, the different times, and the type of music these stations put over.

"A Beginner Visits the Secretary" is the intriguing title given to an article by Mr. A. B. McDonagh, the secretary of the Shortwave Club. It comprises chatty notes on how to set about listening on shortwave, and tells you a little of the technique necessary to bring in the stations on the other side of the world successfully.

There is a page of shortwave tips and hints, while there is a very representative showing of general short, informative matter.

Dxers are well catered for by the bright Secretaries' Notes, and the usual Mail Bag. They, however, will be very pleased to see a list of approximately half the American broadcasting stations, being the first section of a complete list of all stations in America to be given in two issues. This list gives all pertinent details, address, chain, method of verifying, and other facts which are so necessary to dxers.

Altogether the "Radio Times" is a very creditable production, and as this magazine always meets with a very ready sale, readers are advised to secure their copy early.

THE new American short-wave station, W4XE, at Miami, Florida, was logged on 6,040kcs (49.6 metres) between 5.45 p.m. and 6.0 p.m. on October, 29, at R8. It was heard on a NBC programme of Vincent Lopez and his orchestra which also came through WIOD, the Isle of Dreams Broadcasting Co. owners of W4XE.

W2AF was well received on October 30, at 8.30 a.m. at R7-8, giving a description of a ball game between Notre Dame and Pittsburgh, which was easily readable except when W8KAF went into occasional fading. It has now been heard each Sunday morning for three weeks in succession.—NZ16 W (Wellington).

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## The Spy Menace in Salonica

(Continued from Page 3.)

chocolate by the wayside. About mid-day my friend came along on a donkey at the walk, so I retreated along the track, raking my brain what to do. I could not hold him up with my revolver, in good old Dick Turpin style, as a mistake would spoil my mission. A shot would do the same and rouse the village. My friend was making for the Bulgarian territory, which was no great distance away, so I must stop him at all costs. Later in my retreat I came to a narrow part of the track—here was my chance! I was hiding behind a large boulder, and as he came abreast I charged him in a good Rugby flying tackle; we both fell to the ground, and fought like demons, kicking and biting—rolling in the dust, first he then I getting the better of it—finally my guardian angel came to my assistance, and I was able to smash his head on a large rock, and later his life passed out.

I lay alongside him too dead-beat to move. Later I struggled to my feet; I had come out of it with a sprained wrist, and two fingers badly out of joint, signs of which I carry to this day.

Now what was to be the result of my trouble? I searched the body carefully, but found nothing. Was it all to be in vain? Yet what had been tabulated in that dead brain of his? There was none to say, yet I knew that he was a spy, one less, thank God.

My wits now began to sharpen and flashed to the donkey, which had run away on my charge. I must stop it if possible before it returned to the village, again luck—the poor brute had not gone far and I came up with it peacefully munching the grass on the wayside. It was docile enough when I caught it, and led it back to the body, which I threw over its back, and slowly made my way back to my base. My man buried the body carefully, as I was too dead-beat, and dropping down on the bunk, slept dead to the world for nearly fourteen hours.

On awakening I found myself down with a heavy attack of malaria, the mosquitoes had done their job, and in this state I remained for a week, nursed by my man—and he, poor chap, was to get a very bad attack of it later.

I had a visit from the Sergeant of the Motor Boat Patrol, saying that his officer was raving mad with dysentery and malaria, and would I come over and take charge, so over I went. Sinclair was in a very bad way, so I sent him back to Stavros, and the 62nd Field Hospital took charge of him.

From now on I took charge of the boats, and kept a careful watch of the lake. Most of my men were suffering very badly from malaria and dysentery, but they were brave fellows and kept to their duty. The lake was simply festering with mosquitoes and one wonders, when remembering that this area was the old battle fields of the Turks and Greeks, how their armies put up with the terrible disease. We patrolled the lakes constantly, each boat relieving the other.

I began to notice that the fishermen had become very cheeky, and one evening I was coming back from the end of the lake to my base, and when abreast of the village I noticed a boat

and hailed it, but they took no notice of me, making for their village as fast as they could, so I gave chase, and when nearly up to them a shot rang out, wounding my coxswain. One of the crew sprang to the wheel, and we brought our guns to bear on them. But before we could fire our boat crashed into them, and like a hurdler, jumped their craft, sending its crew sprawling into the water. After much cursing we rescued them and took them prisoners.

I was at a loss to know the meaning of their strange behaviour, but on reaching my headquarters soon found out. A messenger had come through from Stavros with a letter asking what



—Stephano Webb, photo.  
**H. Blakeley,**

A popular Christchurch tenor,  
 who will next be heard from  
 3YA on Tuesday, November 8,  
 singing "Land Across the Sea."

defence I could put up as the Bulgarians were expected to reach my location within the next couple of days. I had to laugh at the humour of the thing—what could my handful of men do against the advancing enemy? They were living skeletons and their eyes were nearly coming out of their heads—besides, my stock of ammunition would have been completely exhausted within five minutes of rapid firing. So I despatched the messenger back to Stavros with a caustic note saying, "None at all!"

The messenger came back with instructions to take the boats out of the water and bring them back to Stavros. Again I am afraid I scared my men, and the runner with my language. How on earth was to get the boats out of the water with no gear. They each weighed about fifteen ton—did those in power think I could lift them out with my hands? So the poor chap had to return, asking that limbers and gear be sent me.

They arrived all right, but how was I to get the boats out of the water, especially as the enemy must be getting very near, and I did not want to fall into their hands. Finally I made

## A Challenge to Dxers

(Continued from Page 11.)

While we can hear American stations in New Zealand daylight we must remember that it is fast approaching darkness.

I would like to hear from all dxers who have received verification from England. I think we should have heard about it before now.

Just to touch on one or two instances in other directions, my latest information tells me there is only one station in Costa Rica, and that a 50-watt, yet we have a suggestion that a Costa Rica station is heterodyning 2CO, Corowa; another one thinks he heard 7LO, Kenya Colony, B.E.A. A letter from the manager of this station informs me that this station is purely short-wave, and has never been on the broadcast band. Then we have identification of a station inquired for from 12 noon every day. I think the identifier of this station as KDKA must have been joking. I am not being persuaded to that extent yet.

There are plenty more cases I could mention. One in particular, where station at 11.45 a.m., heterodyning 2CA, was given as KNX. I think quite a few know that KNX signs off at 7.30 N.Z.S.T., and at 11 p.m., KFB comes in on their morning session.

Now I believe that others can get stations I can't, and I have heard stations many cannot get. I don't think there is a keener dxer than me. I have put in many "all nights," and think I can log with the next best, but I do think we are reaching a limit in our news and views section, and while the saying, "Nothing is impossible," still holds good, I still think there is the impossible yet in wire-  
 less.

I want to appeal to all my dx friends. Let us use a little more discretion in our notes; think it over well before committing it to print; remember there are a lot of new chums, following our footsteps and looking for information; let us give only what we know to be the genuine article.

I think it was "Cromdale" (Otago) who was howled down for his suggestion of guessers. I may be wrong, and at the time I hadn't much sympathy with him, but I begin to think he was somewhere near the mark.

I do not suppose anyone has given a thought to the expense to which we put stations, especially Americans. As an example, suppose WENR received 600 New Zealand letters, and have to bear the expense of postage, this would cost them, in stamps alone, 80 dollars, irrespective of stationery. If you can't get stamps, send a dollar to the next station to whom you write, and ask for the equivalent in stamps, and you will have very few non-repliers on your list.

In conclusion, I appeal to fellow members to accept this letter in the spirit in which it is meant, purely for the welfare of the club and accurate dx work.—J.P.C. (P.N.), DX12W.

a ramp in the bank and with the aid of obstinate mules pulled them up on to the bank. Then sinking the limbers into the ground with runaways for the wheels, we managed to get the boats on, but before all this I had to dismantle the engines, and I am afraid I must have sent the engineers crazy trying to assemble them again. The main thing was that we got them back safely. The journey of the boats overland from the lake to Stavros was about fifteen miles through most difficult country, and many times I thought I would lose them as the going was terrific. Water-ways, wash-outs, rocks and gullies had to be negotiated in their journey. Still my luck kept in, and I was ordered back to Salonica to be nursed back to health in the 5th Canadian Hospital.

# OF FEMININE INTEREST

By "Patricia"

THE talk about earthquakes and how to register them, given by Dr. Adams, of the Dominion Observatory, during the children's educational session at 2YA, was one that should have been of great interest not only to the boys and girls to whom he spoke particularly, but to the whole of the grown-up population of New Zealand generally. "Very valuable information," he said, "was received from private residential observers throughout the country on forms supplied by the Meteorological Department. It was said that the forms were simple and easily understood. Dr. Adams spoke of the Rossi Forel scale and particulars as to exact time of an earthquake together with its direction and force, according to the scale received from widely-separated districts, which permitted the department to correlate very useful information. Those who are desirous of assisting in this manner were invited to communicate with Dr. Adams, Dominion Observatory, Wellington.

QUITE an interesting little talk was given from 2ZW by Mr. Stilling on some of the Australian animals. In his previous talk he spoke of the koala, the native bear, that queer little lovable creature that is friendly with all. Unlike the koala, which feeds only on gum leaves, kangaroos are a pest to the farmer in many districts. Fences mean nothing to them as they are able to leap twelve or fifteen feet. The destruction they do to crops is enormous. The great red kangaroo often attains the height of 6 feet and, when cornered, is a dangerous animal. Organised hunts are arranged for the destruction of this creature, and in a season hundreds are disposed of. It seems a pity it should be so, but the farmer is quite unable to withstand the depredations of the kangaroo.

WALLABIES—a smaller species of kangaroo are not so destructive as they inhabit mountainous and heavily timbered country, and their everlasting preservation is thus assured. All Australians love the wallaby because it is inoffensive and easily tamed.

AUSTRALIA'S queerest animal, in fact the most extraordinary in all the world, and one that seems to be increasing, is that filthy scavenger the "Platypus," a duck-billed, furred, web-footed, egg-laying animal which suckles its young. This caricature of bird, animal and reptile is fortunately protected from Queensland to Victoria.

MRS. GORDON ROBERTSON, in her last lecture from IYA, on "Music and Beauty in Many Lands," spoke mostly on the beauty of sound, the sound of music that has been handed down to us from the Italian composers of the 17th and 18th centuries. She gave some interesting and historical facts as told by illustrious travellers in Italy, as for instance, Abbe Coyer wrote in 1768 "Tre violins, the instrumental performers and the singing, all stop us in the streets. One hears in the public

places, a shoemaker, a blacksmith, a cabinetmaker singing an aria in several parts with a correctness of taste which they owe to nature and to a habit of listening to harmonists formed by art." The speaker recounted that in Florence and Genoa the merchants and citizens combined on Sundays and Fete days to wander the countryside in societies singing music in three parts. Burney, the English traveller tells how "the Italians, when they admire a thing, seem on the point of dying of a pleasure too great for their senses." Another traveller, named Lallande writes "it seems as if in this country the fibres of the ears are more sensitive, more harmonic, more sonorous than in the rest of Europe; the whole nation sings, the gestures, the inflection of the voice, the cadence of the syllables, the conversation,—everything there expresses and exhales music."

THE Wombat is Australia's caricature of the European pig. Though it cannot be said to be pretty, is very playful, and is found in the Eastern States and Tasmania. No country has queerer or more engaging animals and birds than Australia, and Mr. Stillings talks are extremely entertaining.

TO the Italian of the 18th century music was a very personal thing. The passions, feelings, and frenzies portrayed on the stage—these were his own passions and frenzies, and he went to the theatre to observe himself. At this time Rome exercised a dictatorship over the whole of Italian music, before whom composers trembled. On the performance of a new opera the audience became extraordinarily heated, shouting approval to the violins, the bassoons, or other instrumentalists. If a poetical or melodious song pleased them they vociferously addressed the author. Should, however, the audience not be pleased they would shout "bravos" for other authors and composers, a punishment well calculated to suppress the crime of copying. Roman verdicts were not always infallible; still Rome was the keystone in the arch of the musical world of that day.

CONSUMING itself in its own fierceness, Italian music suffered a temporary decline. Romaine Rolland beautifully describes this when he says: "Even though the virtues of domestic economy are worthy of all esteem, all my sympathies are for the art that gives itself without counting the cost. It is the charm of this Italian music that spends itself with both hands without reckoning of the future. No matter if beauty be not lasting, what does matter is that it shall have been as beautiful as possible. Of the fugitive radiance of the beautiful dead centuries a joy and light remain for ever in the heart." Mrs. Robertson said: "Unfortunately at the moment, Italy seems to be a land of politics." Whether a scheme of reducing every individual to the position of a subordinate unit in a super-State will prove a good atmos-

phere for the blossoming of individual genius and art remains to be seen. However, some of the modern musicians of Italy inspire a hope, a renaissance of the classic and perfect beauty of her ancient history that will permeate the world with a gift that is distinctly hers.

I HAD a letter quite recently from a friend who has been in India for some years, and among other interesting news she mentioned that the wireless service had been much improved. Owing to the failure of the company that had been operating the broadcasting service, it was necessary for the Indian Government to take over, with the result that the programmes have been much improved. The license fee is ten rupees (13/4) per year, but there is a likelihood of it being increased to twelve rupees in order that a better service may be given. In Bombay broadcasts take place in four languages, and as most residents know at least two, quite a lot of fun and enter-

tainment is gained in listening. Although with a good set it is possible to hear some of the European programmes, static is usually so bad that they prefer to tune in to their local station.

ALTHOUGH static was not altogether absent, I thoroughly enjoyed the Australian network relay of the Gilbert and Sullivan opera, "The Pirates of Penzance," which was followed later by "Trial by Jury." The whole opera was excellent, and the enthusiasm of the audience was infectious. The Australian broadcasters seem to have ingratiated themselves with Messrs. J. C. Williamson, Ltd., for other operas are to be relayed during the next week or so, and on November 7 "H.M.S. Pinafore" is to be given by the Australian network. Gilbert and Sullivan will surely never die out in Britain or its Dominions, and no matter how often the season occurs we do not seem to tire of these delightful and humorous operas.

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