

PUBLISHED WEEKLY

# THE RADIO RECORD

AND

HOME JOURNAL

Vol. V., No. 3.

WELLINGTON, FRIDAY, JULY 31, 1931.

Price, 3d.

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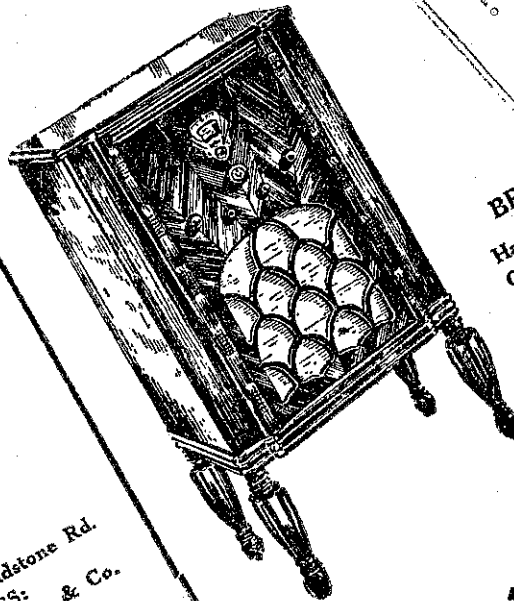
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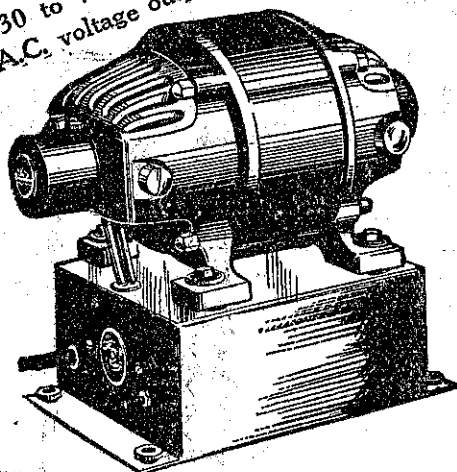
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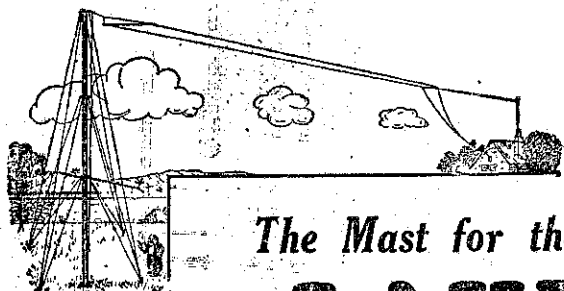
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# Test Cricketer to Speak to New Zealand Listeners from London

*On the morning of Thursday, July 30, New Zealand listeners will be able to tune in to one of the most thrilling broadcasts ever conceived. At 7 a.m., all the YA stations will broadcast a talk between the captain or representative of the New Zealand Cricket Team and an official of the R.B.C., in which the first day's play in the second Test Match will be described. Arrangements have also been completed for similar relays, at the same hour, on the two following mornings. These broadcasts have been made possible by the opening, several days ago, of the radio telephone service between this country and England. The R.B.C. will utilise 15 minutes of this service each morning.*

**N**EW ZEALAND has witnessed many radio dramas. Almost periodically some feat more wonderful than its predecessors is accomplished, and we are now approaching the stage when, what would a few years ago have been regarded as the impossible, is now passed over almost with indifference.

In the radio history of the world New Zealand has played no small part. From our isolated isles the first long-distance short-wave messages were sent and received. We established long-distance records in the reception of overseas stations. Then came the two-way broadcast conversation. We can all remember the test transmission between 2YA and Sydney—how we thrilled to hear our announcer and the Sydney announcer talking as though over the telephone. Surely this was a marvel and a record! But it was not long before this was eclipsed with the Byrd broadcast—when the admiral in Dunedin conversed with his friends and promoters in America, and all New Zealand could hear them.

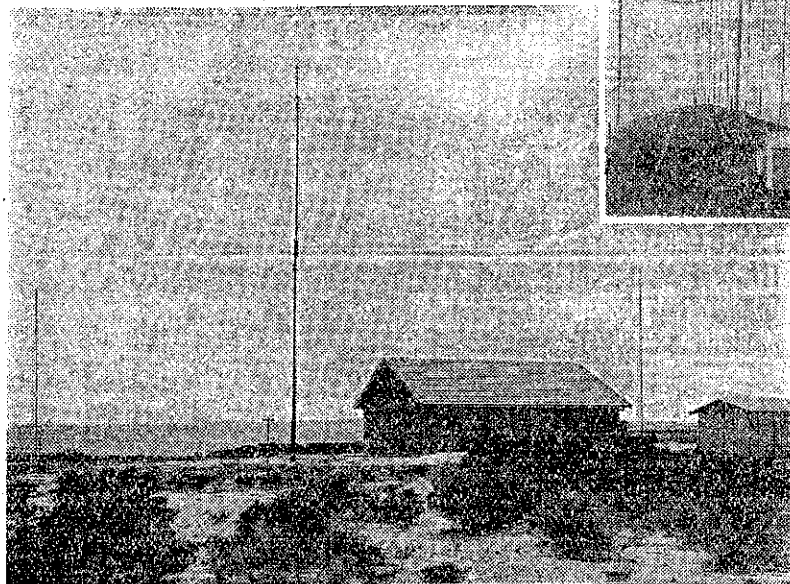
We have since successfully picked up and re-broadcast short-wave transmissions almost from all points of the world—from England, Holland, America and Australia, but we have not yet spoken to England as we have done to America. But we shall this week, for arrangements have been made whereby 2YA and either the captain, or a

representative of the New Zealand Cricket Team will, at the close of each day's play in the coming Second Test, discuss the match. This conversation will be carried out by the newly-inaugurated commercial Radio Telephone Service between New Zealand and England. From 2YA relay lines will connect up the other YA stations. Broadcasts will take place at 7 o'clock on Thursday, Friday and Saturday mornings, these times representing 8.30 p.m. on Wednesday, Thursday and Friday in England. Although this time may seem, to

some, a little inconvenient, yet it is the one when success is most likely. Furthermore, it is the most convenient for the cricketers.

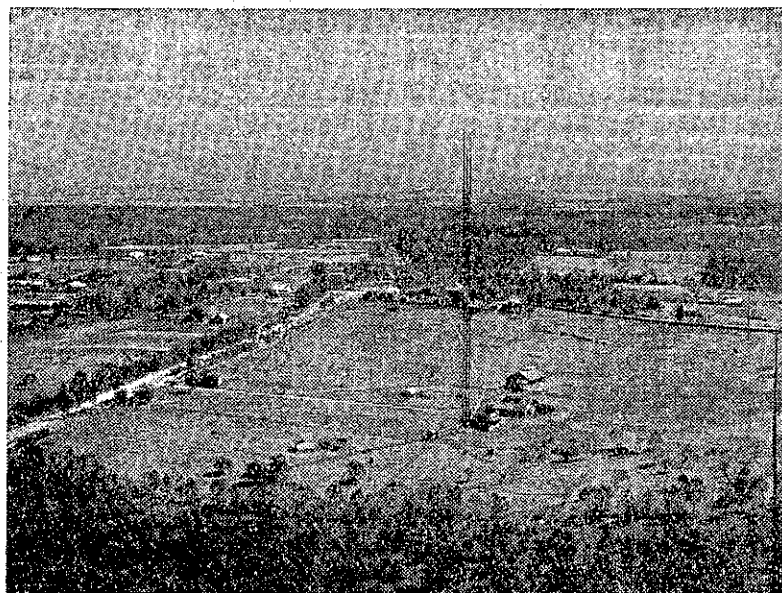
Late in the afternoon of Thursday, July 23, the first public call over the New Zealand-Great Britain Telephone Service took place. It was a conversation between the Christchurch "Sun" and the London "Daily Mail," which created a record for long-distance telephone conversations. Dawn was just breaking in the Old Country, and the printing press of the "Daily Mail" had just finished its tremendous run. It was a time when all were thinking of going to their well-earned rest. In New Zealand the "Sun," also a morning paper, was just settling down to the preparation of its early "copy." Both representatives exchanged greetings and each remarked that his paper would have a special story in the morning.

**R**ESPONDING to the invitation of the "Sun" that a special message should be sent to the people of New Zealand, Mr. Bernard Murphy, of the Foreign Department of the "Daily Mail," said: "We hope that this telephone will make the ties that bind the people here and the people in New Zealand much stronger. The people of the Empire are now arm-in-arm, and we hope that it will help both of us to  
(Concluded on page 2.)



Above: The receiving station at Mt. Crawford, Wellington, where the Test broadcasts will be received direct from England.

Left: La Perouse radio station, Sydney, which will pick up the Wellington end of the conversations for Pennant Hills.

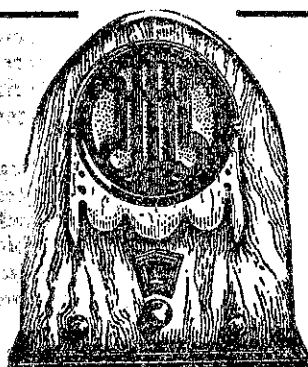


An essential link in the Wellington-London radio telephone conversations—the powerful transmitter at Pennant Hills, Sydney, which rebroadcasts ZLW so that it may be heard in England.

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WHOLESALE AND RETAIL RADIO MERCHANTS.

(Continued from Page 1.)

The Post and Telegraph Department has been testing on the line for six months and has now brought the service as near perfection as engineers can. All other factors are beyond their control. During these tests it was found that the service is generally reliable at 7 a.m.

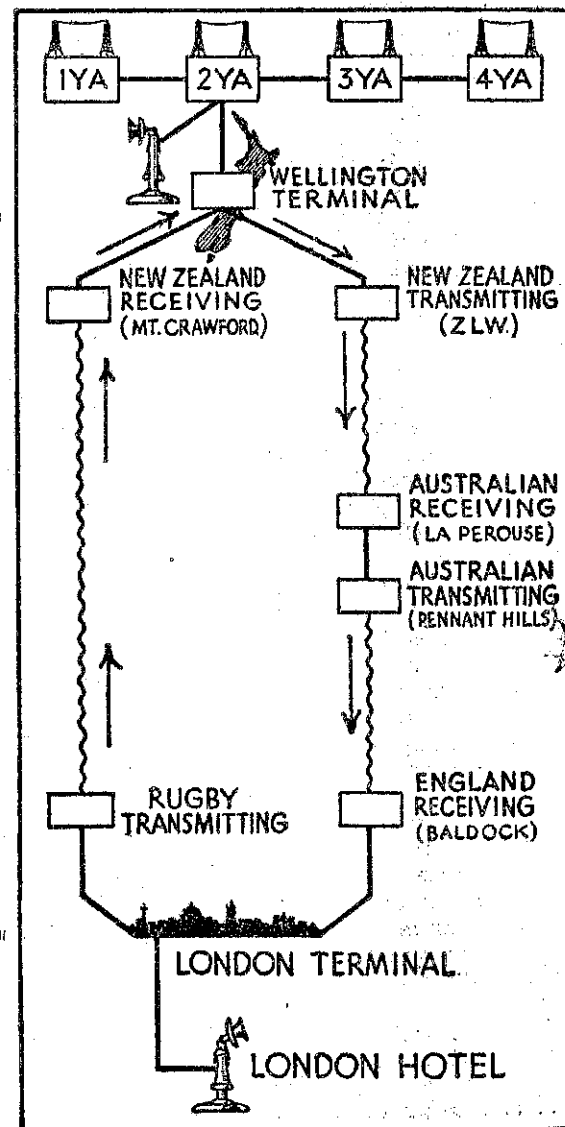
Let us for a moment look into the "inside" of this remarkable broadcast, and see exactly what is happening at each end and in between. A little before seven o'clock on the appointed day, New Zealand will call up England. Our transmitter ZLW, although powerful, is not sufficiently so to give the service every chance of success, so the call will be picked up by the La Perouse receiver in Sydney and transmitted by land-line to the transmitter in Pennington Hills. This mighty station is strong enough to be heard at the receiving station in Baldock, England. From here connection will be made to the London Telephone Exchange, which will call up the hotel where the cricketers are residing. Once the line is clear 2YA will be switched in and the announcer, who will speak through a microphone connected to the telephone, will ask for Mr. Lowry, or whoever represents the team. When Mr. Lowry speaks, marvellous switching gear will come into operation and his voice, after going to London, will travel to Rugby and be flung by direc-

tional antennae toward New Zealand. The receiver at our end is powerful enough to pick up the conversation without the services of Sydney, and he will be heard at Mount Crawford. The voice will then travel by telephone line to the Wellington Exchange, where, just like an ordinary suburban call, it will be put into 2YA's line. The line is connected with the broadcasting apparatus and the conversation goes out on the air. The announcer will also be able to hear what is being said. The switching device, which operates in three-millionths of a second, changes the connections from transmitting to receiving, and, although one speaks and hears as if merely calling up a friend in the same town, the inward and outward voices are separated by many thousands of miles at one stage of their journey. Truly a remarkable performance.

Reference to the diagram will show how the speech will take place. The voices undergo some wonderful changes. When the New Zealand representative in England speaks into the telephone his voice is conveyed to a transmitter which broadcasts it on shortwave. It is picked up in Wellington on shortwave, converted back into ordinary speech through the telephone, picked up at 2YA and broadcast again on longwave. In this time it will have travelled half-way round the globe, covering 18,000 miles by telephone,

(Concluded on Page 31.)

This illustration depicts the stages in the forthcoming broadcast of the telephone conversations between the cricketers and an R.B.C. representative. Ingenious switching arrangements in Wellington and London terminals determine the route the speech will take. Outgoing speech from Wellington will travel via Australia, while the reply will come direct.





# Radio for New Plymouth Hospital

## Modern Installation Provides Radio, Gramophone and Talks for Patients

**A**FTER about nine weeks' work the installation of probably the most modern radio equipment of its kind in New Zealand has been completed at the New Plymouth Hospital and successful tests have been carried out. The purchase of the plant, at a cost of about £800, was made possible by the efforts of a committee of New Plymouth people in raising the necessary money. At the official opening of the installation, which is to take place shortly, Mrs. H. E. Ayckbourn, who took a leading part in the raising of the funds, will be asked to switch it on. The splendid apparatus now in use will be a lasting monument to the work of those who set out to provide it, and who, in doing so, overcame many serious difficulties.

In the main the installation consists of two separate power amplifiers, each capable of driving the whole hospital system. To either amplifier any one of radio, gramophone or microphone can be connected. The radio set is supplied by a set employing three of the new multi-mu and one ordinary s.g. valves. The gramophone section is supplied by a well-known British pick-up specially re-wound for the purpose, and the microphone is a high-class broadcast one, fitted to an extending bracket, which enables it to be brought to any position over the cabinet desk.

The amplifiers each consist of three stages of push-pull amplification terminating in an output stage delivering over 15 watts undistorted output to the eleven speakers, and 171 pillow-phones of the hospital system.

This system consists of five main wards, the children's wards, and the doctors' and matrons' quarters. Any of these circuits can be switched at will on to any audio channel, without affecting the load on either amplifier. Thus, while the men's wards may be receiving a description of a wrestling match, per medium of the radio, the women folk can be entertained with gramophone music, or a talk through the microphone.

This is done by moving switches on the control panel. In each ward, the volume from either the speaker or the pillow-phones is under the control of the sister in charge, who can also switch off altogether if necessary.

All volume controls are such that changes of volume can be made in any part of the hospital system, without affecting in the slightest degree, the quality or volume in the rest of the system. It is believed that this is the first installation of its kind in New Zealand where this feature has been properly achieved, without

resorting to separate audio systems or output circuits. All the volume controls are graduated in even steps of three units of volume each, similar to the standard talkie "fader." The sister in charge is thus able to make a definite and known increase or decrease in volume without the necessity of listening-in herself at one of the pillow-phone points. Each ward circuit is also fused, so that should a short circuit occur, it cannot affect the rest of the hospital system.

The whole of the distribution is done by means of low impedance lines which minimise distortion, carried in screwed galvanised conduit, and comprises some 6000 feet of conduit, and some 15,000 feet of wire.

The terminal boxes for the pillow-phones are of cast aluminium and each contains a compensating coil which automatically replaces the load of the pillow-phone should it be withdrawn from the circuit. Thus, whether the full number or only one pillow-phone is plugged in, the volume in each remains the same.

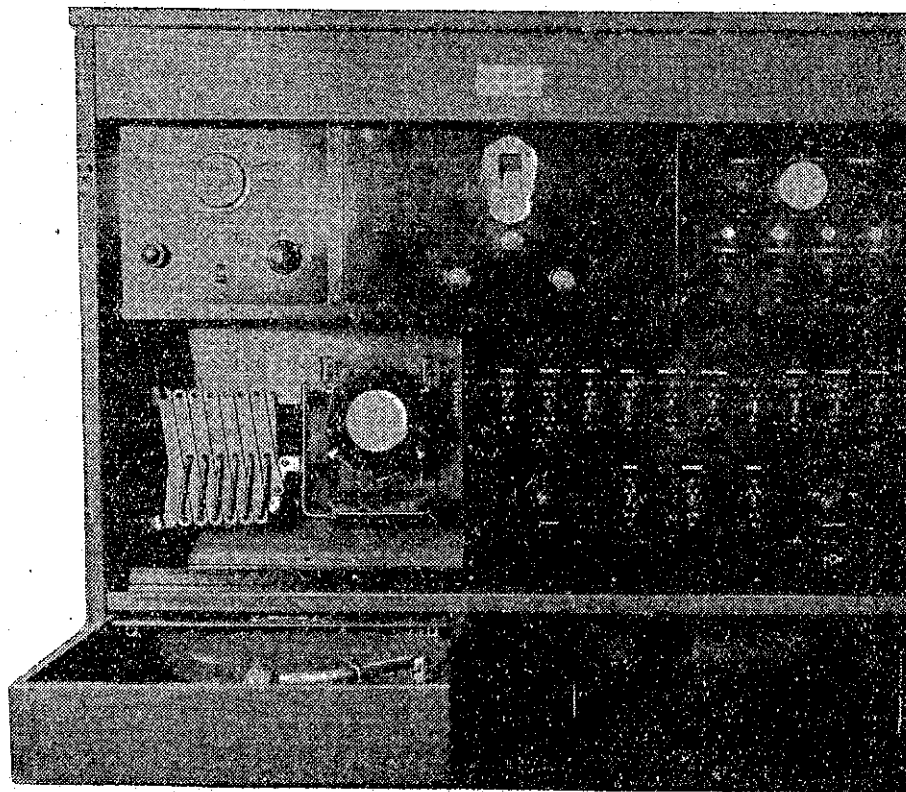
The power panel contains the switches for the two amplifiers, the radio set and the gramophone motor, each switch being fitted with a pilot light which glows red when the accompanying switch is in the "on" position. It is therefore unlikely that anyone would go away and accidentally leave any part of the apparatus switched on. The power panel is also fitted with a meter, and an ingenious voltage control device.

Space is provided under the deck for the storage of gramophone records and spare equipment, etc. The cabinet is built completely of steel, finished with olive green baked enamel. A roller slide front is provided which automatically locks when lowered. Loudspeakers are provided on the verandas and pillow-phones in the inside wards. The patient listens-in by lying on a pillow containing the head-phone.

The set was unofficially opened last Tuesday night, when Mr. E. J. L. Payne, vice-president of 2YB, gave out a programme which, although primarily for the children, was enjoyed by all who listened in. At the request of Maori patients a number of Maori records were played.

On Monday night last the patients listened to a programme from station KFI (Los Angeles). The radio installation is particularly appreciated in the isolation ward, while the nurses in the children's ward find that the children are much more contented now that they have the new service to interest them.

At present interference is being caused by what is (Concluded on page 30.)



*The business end of the New Plymouth radio installation. In the centre at the top is the radio tuner, which brought in KFI, Los Angeles, when tried out recently; to the left centre is the microphone on an extensible support, and below it is the gramophone pick-up. The whole outfit is the work of New Zealand engineers.*

# The New Zealand Radio Record

—AND—

## Home Journal

(Incorporating the "Canterbury Radio Journal.")

P.O. BOX. 1032, WELLINGTON.

Published Weekly. Price 3d. Subscription Post Free in advance, 12s. 6d. per annum.

Literary communications should be addressed: "The Editor"; business communications to "The Manager"; technical communications to "The Technical Editor."

Advertisers are asked to note that alterations of advertisements should be in hand Friday of each week for insertion in the succeeding issue, printed Tuesday, bearing Friday's date. No responsibility is accepted for blocks remaining unclaimed three months after last insertion.

RADIO PUBLISHING COMPANY OF NEW ZEALAND, LTD.,  
P.O. Box 1032, WELLINGTON.

WELLINGTON, FRIDAY, JULY 31, 1931.

### THE SERVICE CARRIES ON.

PARLIAMENT and the politicians, by protracted delay in finalising the broadcast issue, are offering substantial proof every day of the inadvisability of broadcasting being mixed up with politics. There is general unanimity on this point right throughout the community, yet through the dilatoriness of the Government the very position which everybody wishes to avoid is being created. It is now over a year since the Postmaster-General gave an indication of his policy, with the promise that legislation would be introduced this session for finalisation of the scheme. Announcements made by the Minister since then indicate the complete abandonment of his first proposal. Nothing has yet been submitted to take its place, and a mere policy of drift seems to obtain at the moment.

THIS uncertainty is certainly not in the best interests of those primarily concerned. Radio is now an essential part of civilised life. It is serving an increasingly important function day by day, and the needs of the service, and the importance of satisfying the wants of the ever-enlarging circle of listeners, merit the establishment of a clear-cut definite policy to permit of progressive expansion. The position as it obtains at present imposes definite difficulties upon the Broadcasting Company. In spite of the uncertainty of the future, however, the service is carrying on its way unperturbed. More than that, no opportunity is being lost to give listeners extra service. The initiative shown by 2YA in describing an important fire in Wellington recently was commendable. Similarly, for the sake of Southland Rugby enthusiasts a relay of the Southland-Wellington Ranfurly Shield match was given Invercargill residents by the necessary co-operation of other stations, including the Invercargill "B" station. No fewer than four "B" stations are now being served with regular programmes weekly from YA stations. These distributive points are Hamilton, Palmerston North, Masterton and Invercargill. This service is proving so attractive to local listeners in those areas that arrangements are in hand for an expansion of the service. Applications for the extension

of these facilities to Greymouth and Napier could not be granted by the Post and Telegraph Department because of technical difficulties.

THIS feature emphasises the opportunity lost by the non-acceptance of the complete relay scheme submitted to the Government some two and a half years ago. The proposal then was that suitable relay stations at strategic points should be established for connection with the YA service. Had that progressive scheme been initiated then, it is certain that the total of listeners to-day would be infinitely larger than it is. In the circumstances as they exist at the moment, the Broadcasting Company and the "B" class stations concerned are to be congratulated upon the degree of co-operation that is obtaining.

TO-DAY'S situation is definitely unsatisfactory to listeners, as a few months only remain till expiry of the existing contract. If that contract is to be continued, possibly no great harm is being done by the delay, although naturally plans for expansion must be suspended until finality is achieved. On the other hand if, as the Minister has indicated, a change is to be made, then definite harm is being done by the political dilatoriness being shown, because it will restrict the time of preparation for the new service taking over. The one outstanding lesson in the situation is the inadvisability of politicians playing any part in a broadcasting service, as by that means opening is presented for intrigue and procrastination. Listeners whose funds maintain the service require primarily musical programmes and news adequate to their needs. That service can be improved only by progressive enlargement of the circle of listeners. That involves in turn a progressive reticulation of the countryside regardless of political factors. Parliament will be rendering its best service to listeners by dealing with this matter definitely at the earliest possible moment and in such a way as to permit of sound and satisfactory development for the future unhampered by political factors.

## Licenses Nearing 60,000

### Twelve Thousand Increase in Two Months

THE following return shows in detail the number of radio licenses in force in the Dominion on June 30, 1931. The total, which exceeds that obtaining on April 30 by 12,000, is now less than 6000 below the maximum figures of last year.

		Class.				
District.	Receiving	Dealers'	Trans-	Experi-	Special	Free
Auckland ....	17,180	254	88	—	—	90
Canterbury ..	9,445	184	77	—	—	43
Otago .....	7,009	147	47	1	1	30
Wellington ..	23,669	354	125	3	—	46
	57,803	939	337	4	1	209
		Total: 58,792.				

### Jottings

THE first talk by Mr. E. Iveagh Lord in his series of lectures on "The Story of the Golden Coast" will be broadcast from 3YA on Sunday, August 2. It will cover the period up to 1848, dealing with the Maori occupation, the Greenstone Age, Abel Tasman (1642), Captain Cook (1770), early settlers and whalers, then the first pioneer explorers, Thomas Brunner and Charles Heapy.

more appreciative than the Dunedin Scottish listeners. Promptly from one enthusiast there came a letter to the Christchurch pipers giving a detailed friendly criticism of every item played. The performance as a whole was very highly praised and the innovation of prefacing each item with an explanation was much commended.

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S-O-S

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NEW PLYMOUTH

**Mullard**  
THE MASTER VALVE

The only Valve with  
the wonderful P.M.  
Filament. Gives longer  
life — more power —  
greater volume.

RECENTLY the Christchurch Caledonian Society broadcast from 3YA and the concert was relayed to 4YA. This savoured somewhat of carrying coals to Newcastle, but no one was

## Radio's Future Chamber of Commerce Resolution

THE Council of the Wellington Chamber of Commerce last week adopted a recommendation from its legislative committee on the subject of broadcasting control. The committee submitted a long report upon the subject in the course of which it stated that at the last meeting of the council a resolution had been proposed involving recommendations to the Government in regard of the control of broadcasting. Two very vital principles were involved in this resolution—namely: (1) The encroachment by the Government further into the field of private enterprise; (2) the granting of a monopoly in a public utility to private interests. Assurances had been given that there was no intention or desire on the part of the Government or on the part of any Government department to take the place of the Broadcasting Company, or to exercise any further control, which it must be recognised was necessary, than they did at present. The committee submitted the following resolution for the consideration of the council, with a recommendation that it be passed:—

That it be a recommendation from the chamber to the Government that in considering the question of the control of radio broadcasting in New Zealand, any system of control decided on shall not involve any further encroachment by the Government into the field of private enterprise; and that in the event of the British or Canadian system of control being adopted, proper safeguards be provided against the possibility of any political control; and that in the event of a monopoly being granted to private interests, more adequate safeguards be imposed with regard to the restriction of profits and the application of the income from license fees than are contained in the present agreement with the Broadcasting Company.

The recommendation was adopted.

## Nelson's Viewpoint

THE Nelson Radio Club at a recent meeting passed the following motion expressive of its views upon the future of broadcasting:—

"That this meeting approves of the principle of private enterprise in the control of broadcasting in New Zealand, and that the Government be asked to renew the license of the Radio Broadcasting Company for a further period, subject to the provision that relay stations are established within a certain time in the various provincial centres, including Nelson, and that in view of the expressions of opinion of experts that Nelson is the most unfortunately placed for reception, this city should have first consideration when the establishment of relay stations is being decided."

In a letter forwarded to the Postmaster-General covering the above

## "Fire" Broadcast Appreciated 2YA's Enterprise Evokes Commendation

JUDGING from the amount of correspondence received by the Broadcasting Company, 2YA's enterprise in broadcasting a commentary on the big fire on Saturday, July 18, was greatly appreciated. Letters have come from all parts of New Zealand. Many a countryman sat up late that night listening-in to a description of a city fire and "saw" more than if he had been an actual eye-witness.

One of the most interesting tributes comes from the staff of the Hamilton Fire Brigade, 240 miles away. One can imagine these fire-fighters, like war horses scenting battle afar off, sitting round the loudspeaker in their station listening to a vivid description, in the background of which was the shrieking of fire-engine sirens, the orders given to the firemen, the roar of motor-cars bringing thousands of spectators, the hiss of fire hoses in action and the many intermittent explosions. The letter from Hamilton reads:—

"The members of the staff of the Hamilton Fire Brigade desire to convey to you their appreciation of the excellent description of the fire of the New Zealand Loan and Mercantile Company's premises, which was broadcast from station 2YA.

"Reception was very good, and we could follow the progress of events almost as well as if we were actually present as eye-witnesses.

"Please convey our congratulations to the announcer of station 2YA for the excellent manner in which he dealt with a most unusual and difficult subject."

THE broadcast was certainly one of the most thrilling ever listened

to. Commenting on it the "Christchurch Times" said:—

"Probably for the first time in New Zealand the scenes at a destructive fire were broadcast on Saturday night. A few minutes before eleven o'clock station 2YA, Wellington, announced that the large building of the New Zealand Loan and Mercantile Company in Customhouse Quay was on fire. At 11 p.m. the announcer took a microphone on to the parapet of the studio building, and, for nearly two hours, described the progress of the fire as it swept through to Featherston Street. The shrieking of the sirens of the fire-engine could be heard as additional machines arrived, the size of the outbreak requiring practically the whole of the fire-fighting equipment in Wellington. An engine was even brought from the Miramar station, seven miles away. According to the announcer, the flames were leaping fifty feet into the air above the building, and the whole of that portion of the city was illuminated by the fire.

"A strong north-west wind was blowing in gusts and was carrying the smoke right across the harbour. The screaming of the wind amid the tops of the nearby buildings could be heard, while from the street below the studio there was a continual roar of motor-cars arriving with spectators. Orders given to the firemen could be heard above the noise of the traffic, and all the time a vivid word picture of the ever-changing scene was being given by the announcer. This unexpected addition to the broadcast programme was exceptionally interesting."

## Napier Relay Station

AS stated last week, the Broadcasting Company received a request that a 2YA programme should be relayed weekly to Napier and broadcast by Mr. T. B. Hansen's station in that town. The Broadcasting Company has, however, now been informed by the Post and Telegraph Department that the necessary line is not available, the present telephonic connection being unsuitable for the transmission of musical frequencies.

resolution, it was stated that many speakers commented on the distortion and fading experienced in relation to 2YA at Nelson on account of that city being situated in the worst fading area of the Wellington station. It was also stated that the opinion had often been expressed that static was worse in Nelson than in any other district in New Zealand, inasmuch as it was sometimes experienced during daylight as well as night. The claim that Nelson, on account of its special disabilities, should be included in any system of relay stations was strongly supported.

## Programme Notes

IN future relays of the speeches given at Rotary Club dinners will be a regular feature on 2YA programmes. Practically every notability who visits Wellington is a guest at a Rotary luncheon.

MR. JOHANNES ANDERSEN, librarian at Turnbull Library, has been engaged by 2YA to broadcast a series of talks on folk lore of the Maoris.

DETAILS of the concert to be broadcast by 3YA on relay from Kaipoi on Monday, August 24, have now been finalised. The Kaipoi Orchestra and the Kaipoi Male Choir (under Mr. Geo. March) will contribute. The Mayor of Kaipoi, the Rev. W. H. A. Vickery, will speak.

ON the Monday following the Kaipoi concert a concert will be relayed from Rangiora.

MR. GEORGE ARMSTRONG, born in Akaroa 78 years ago, and for the past 28 years Mayor of the town, is to give a talk from 3YA concerning this very historic little place.

## Grammar School Concert A Varied Programme

ON August 5 the Auckland Boys' Grammar School annual concert will be relayed by Station 1YA. This is the first occasion this school's concert has been relayed for some years, and listeners are assured of a varied programme to suit all tastes.

The Auckland Boys' Grammar School has a roll number of over 900 boys, and probably possesses more activities of a musical and social nature than any other secondary school in the Dominion. Many of these activities will be represented at the forthcoming concert, as the programme printed elsewhere in this issue will testify. The boys taking part range from 13 years to 18 or 19 years of age, and the programme is arranged to give scope both to the juniors and to the older boys.

The school choir of some 60 voices provides many attractive items. This choir, which consists of four parts—soprano, alto, tenor, and bass—is trained and conducted by Mr. K. J. Dellow, M.A. As well as the combined items, there are vocal solos, trios, and sextets.

The school orchestra will play four numbers. This orchestra is probably the biggest school orchestra in New Zealand, consisting of some 48 players, some of whom are quite finished musicians. All orchestral sections are well represented, there being 30 violins, 1 cello, 2 flutes, 3 clarinets, 2 horns, 4 cornets, 2 trombones, 1 euphonium, 1 Eb bass, and a piano—and, of course, the drums and effects! The orchestra is in the hands of Mr. F. M. Price, M.A., B.Com. Instrumental solo items this year will be violin, piano, and horns.

The school band, a recent institution, has made rapid progress under the guidance of Mr. N. Nicholls, M.A., and Mr. Bowes. Consisting of some 24 players, it assists at many indoor and outdoor functions throughout the year.

The dramatic club, trained by Mr. Harris, a well-known Auckland elocutionist, will present a Shakespearean item by the senior boys, and a humorous sketch or burlesque by the junior members.

The gymnasium items are always of interest to audiences, but although horizontal bar work and tumbling will not "go over the air" very successfully, the school jazz band will give entertainment to listeners at these periods. This combination consists of the usual jazz instruments, including saxophones, of course!

On the whole, this unique concert promises to provide an excellent evening's entertainment.

## Australian Radio Licenses

THE following shows in detail Australian wireless statistics as at June 30, 1931:—

	Receiving Licenses.	Ratio to 100 population.
N.S.W. ....	122,748	4.91
Vic. ....	137,265	7.66
Qsind. ....	24,216	2.55
S. Aust. ....	30,333	5.21
W. Aust. ..	9,144	2.17
Tas. ....	8,263	3.74
	<b>331,969</b>	<b>4.19</b>

## The Visiting Debaters

NO one, hearing the broadcast of the recent debate from IYA between a team from Oregon University and a team representing Auckland University College, will quarrel with the judges' unanimous verdict in favour of the visitors. A well merited victory was achieved mainly by superior appreciation and treatment of the chosen subject, which was "That Imperialism is a Menace."

The American team took the affirmative, Mr. Miller taking the lead. Pleading for less petty nationalism and a greater understanding of internationalism, the speaker claimed that Imperialism was the greatest curse of civilisation and the surest cause of war. It was based on an assumption of superiority—a belief that the people of a particular nation were a chosen people. Even Heaven, said Mr. Miller, was not free from conscription by Imperialists, who not only desired to subjugate all their own people, but claimed God for their own side.

Mr. Adams, leader for Auckland, suggested that the only sane way of judging the subject was to test the result which had attended its practical application. Unfortunately this speaker, as did the succeeding defenders, based his arguments solely on British Imperialism in South Africa. He raised an ingenious plea that the development of waste land in Africa was brought about solely from humanitarian motives; settlers had at the back of their mind the satisfaction of over crowded European countries and not self-enrichment when they took over territory from native owners.

Mr. Wilson, second speaker for the Americans, drew attention to the evils which followed in the wake of civilisation, propelled by Imperialist colonists; who tore down racial standards, principles, and institutions. Mr. Barker, an Auckland speaker, chosen at short notice to replace an absent member of the defending team, obviously felt that the time allowed him for preparation was inadequate, and proceeded to burlesque the subject. He certainly provided some mirth, but must have cost his side many valuable points.

The final speaker for the visitors, Mr. Pfaff, was pungent and vigorous. Reminding his opponents of the subject under debate, he proceeded to show, from the example of his own nation's handling of Nicaragua, how Imperialism was working in a vicious and widening circle which was leading to the decadence of nations.

## The VOICE of MICHAEL By "CRITIC"

Winding up for Auckland, Mr. Rowe, nothing daunted by a reminder of the subject under debate by the last speaker, proceeded to show how valuable to South Africa was its settlement by the British Empire.

Mr. Miller was allowed a few minutes in which to close the debate for the affirmatives. He summarised the points made by his side, and contended, quite correctly, that the opponents had not only been unable to negative a single one of these, but had been unable to advance a single point in favour of Imperialisation. As the speaker mentioned, ability to have remembered, and spoken on the actual chosen subject instead of swerving at a tangent on to the rights and wrongs of the British Empire, would have been more valuable to the Auckland speakers. He might well have added that fewer personalities and a general seasoning of ordinary politeness would have detracted nothing from the effect of their eloquence.

The judges had no difficulty in arriving at a decision which gave the debate to the visitors by a margin of thirty-three points.

## Help the Birds in August

THE cause of the birds was again advocated to listeners on Wednesday evening last by Mr. A. E. Wilson, with the special objective of making August widely and popularly observed as "Bird Month." This gentleman's voice was particularly cultured and pleasant—one of the nicest radio voices I have heard—and I earnestly pray that his address be taken as a model by some other speakers.

In his matter I specially liked his anecdote of American experience illustrating the wonderful methods by which Nature preserves the balance between insect and bird life. In the pioneering days of America one of the Western States was overrun by a horde of crickets. These descended like one of the seven plagues of Egypt, and bade fair to sweep the whole State clear of vegetation, and ruin the wheat and barley crops, on which the inhabitants depended, not only for the bare means of existence, but their farming profit. By fires, traps, ploughing—by every device imaginable—the people strove to stem the invasion. All in vain, and the case seemed hopeless, till out of the blue came a host of seagulls! In her mysterious way Nature had conveyed the information to the gulls that food aplenty awaited them. They answered

the call. They ate and ate and ate, and the crickets disappeared before their unceasing hunger. At the end of a fortnight the land was clear, and the gulls departed. Ten years later the crickets, having steadily multiplied in the interval, again reached the stage of becoming a menace to crops and vege-



MADAM WINNIE FRASER.

A well-known Christchurch vocalist, who will broadcast a recital from 3YA next week.

—Steffano Webb Photo.

tation. Once more the gulls answered the call.

That incident struck home, and made one regret that more such stories were not used in this speaker's address.

Of the general case for birds, practically all are convinced, leaving little need for stress being laid in the form of what might be termed editorial comment upon their protection. The anecdote strikes home where a reasoned summary fails. An anecdote is remembered where balanced phraseology passes out of mind. May I suggest, therefore, to future speakers on behalf of the birds that they "tell us more stories." Their cause will benefit thereby.

## The Continent of the Future

AN enviable destiny awaits the continent of Africa if the forecast of Mr. John Ash, of the "Christchurch

Star" proves correct. I wonder if enviable is the right word? One is almost inclined to take it for granted that the "civilisation" of a country must prove beneficial to that country. Having in mind some of the international tangles of the modern world, however, we must pause and ask ourselves whether we actually do confer a favour in reaching forth, octopus fashion, to bring more territory within the "civilised" fold.

Before the entry of the missionary, who seeks to show that but for his coming the natives must have been damned eternally, and the trader, who shows the natives how very simple it is to acquire those aids to a life of sloth, ease and temptation (thereby really giving the missionary something to do)—before the arrival of both these gentlemen, I repeat, the native enjoys a healthy, animal-like life, the substance of his creed being that the weakest must go to the wall. Just exactly what do we offer in its place? Reservations, whisky, motor-cars, the necessity of working for a living! Small wonder that some native races seem belated with their thanksgiving.

Be all that as it may, Africa seems destined for a great future according to our standards. Her future will be watched by the possessive eyes of all the great nations, most of whom already enjoy some share of African territory. There have been singularly few international complications as the result of the division of the continent. While few continents have been credited with the secretion of more mysteries, it is a fact that modern inventions and modern methods of exploration, coupled with the white man's proverbial curiosity and indomitable courage in satisfying it, have succeeded in laying bare most of Africa's dark soul.

Mr. Ash claims on her behalf that when her almost limitless resources are realised an end will be put to the old theory of an unavoidable world shortage of primary products. Let us hope that her productive activities will not be unduly concentrated on butter, cheese, and wool!

## Youth and Economics

I SEEM fated not to hear Mr. Ross!

Knowing that he, and some of his students were due for a discussion on economic topics last week, I took care to include the 4YA talk in my proposed schedule.

I was a minute or two late, and missed (Continued on page 29.)

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**INVALUABLE PASTILLES**

**for QUICK RELIEF**



## "Controversial Matter"

### Broadcaster Restricted

SERMONS delivered recently by certain ministers in Invercargill threaten to cause the cancellation of the license of the private broadcasting station 4ZP, owned by Mr. R. T. Parsons. Information has been supplied to the Post and Telegraph Department that controversial matter, which is prohibited by regulation, has been broadcast from the station.

Mr. Parsons on Monday received a letter from the department demanding an explanation and reminding him that the broadcast complained of renders him liable to the cancellation of his license.

The breach alleged (says the "Southland Times") concerns the sermon delivered by the Rev. C. J. Tocker at St. Paul's Church a fortnight ago, the preached devoting his sermon to the question of the Bible-in-Schools Bill.

Mr. Parsons stated that he was much surprised to receive the letter from the department. He had not been aware that the sermon delivered by Mr. Tocker, which dealt with a religious topic, was in contravention of the regulations, but he had not permitted a sermon on the liquor question to be broadcast. While he was very glad to co-operate with the Southland Radio Club in the broadcasting of church services, he relied on the ministers not to abuse the privileges of broadcasting by dealing with controversial matters which were likely to jeopardise his license.

He stressed the fact that the department took a very serious view of breaches of the regulations, and one Auckland station had recently been closed down for such an offence. Although unable to give any indication of his policy for the future until the present trouble was settled, Mr. Parsons said that if station 4ZP were permitted to remain on the air, he would not take any action toward refusing to broadcast services, but he would require to have an assurance that the addresses would not contain controversial matter.

### 3YA Programmes

ADVANCE programmes for 3YA show some interesting bookings. Pupils of Mrs. J. W. Palk will provide a recital on September 2, and Miss Marian Woodhouse's Glee Club has been engaged for September 16. Bloy's Banjo Band, always very popular on the air, is shortly to give a Sunday evening recital. The Ashburton Salvation Army Band, which is a combination of high standard, is to give a programme from 3YA. Lovers of the piano can look forward to Sunday, August 30, when Miss Lucy Fullwood will play a movement of Rachmaninoff's "Second Concerto." This will occupy about twenty minutes, and, as played by Miss Fullwood, with orchestral accompaniment, will be exceptionally fine.

HAVE you renewed your subscription to the—

"Radio Record and Home Journal"?

12/6 in Advance; 15/- Booked.  
P.O. Box 1032, Wellington.

## Co-operating with "B" Stations

### Progressive Action by Radio Broadcasting Company

A RATHER interesting message from Timaru appeared in the daily Press last week. This was to the effect that disappointment was being felt in Timaru at the decision of the Post and Telegraph Department not to permit the installation of a radio station in Timaru. The reason advanced by the department is that no further licenses are being issued at present on account of the future of the radio system being under consideration.

It is represented by those southerners who are keenly interested that this reason is not particularly valid in view of the relatively recent licensing of a "B" station in a northern city, presumably Wellington. Since that license was issued the position has changed somewhat, and speculation is current as to whether this decision by

the department means that under the future scheme for broadcasting "B" stations would be banned altogether!

THE departmental decision is particularly regretted by Timaru enthusiasts, because local interference in that town has been very bad for some time past. This led the local Radio Society to go closely into the question of investigating the possibility of installing a plant and operating a local transmission station. Approach was made to the Radio Broadcasting Company, which company promptly interested itself in the matter, and after investigation offered to lend the Timaru people an emergency transmitting set which it had on hand, and to arrange for the relaying of programmes from 3YA at regular periods. It was hop-

ed that this supplementary station at Timaru could be installed and commence operations on July 30, when 3YA will for the first time inaugurate a series of international programmes.

These hopes, however, were dashed when, on application being made to the department for the necessary license, permission was refused on the grounds given above. Briefly, the plan for Timaru was an adaptation of the scheme which has worked so satisfactorily in New Plymouth, where Station 2YB is operated by the Taranaki Radio Society with considerable success. The plant there was provided by the Radio Broadcasting Company, which also renders assistance in the matter of upkeep and operation.

THAT a certain amount of progressive co-operation with subsidiary stations in other centres is already in progress on the part of the Radio Broadcasting Company is shown by the fact that certain centres are already receiving regular programmes by land-line from main stations for re-broadcasting. This operates in the case of 1YA and Hamilton. A weekly programme is transmitted from 1YA by land-line to 1ZH, operated by G. S. Anchor, 165 Victoria Street, Hamilton. From 2YA, similarly, programmes are relayed weekly to Palmerston North and Masterton. In the case of Masterton, Station 2ZD, operated by W. D. Ansell, 25 Queen Street, re-broadcasts the programme for the delectation of Wairarapa and Lower Hawke's Bay listeners. In Palmerston North, Station 2ZF, operated by the Manawatu Radio Club from their premises in King Street, renders a like service to Manawatu residents. In the case of Invercargill, Station 4YA transmits by land-line the selected programme regularly to Station 4ZL, operated by G. C. Batchelor, 130 Dee Street, Invercargill. It was hoped that Station 3YA would be able to render a similar service to Timaru, but the departmental decision for the time being puts that out of court.

It is also understood that application for similar services have been made in respect of both Greymouth (which would link with 3YA) and Napier (which would link with 2YA). The Greymouth proposition could not be put into operation because of no suitable land-line being available from Christchurch to Greymouth, and the Napier proposition was turned down on the ground that the lines were "inconducive."

The foregoing facts emphasise the degree of co-operation already being shown by the Radio Broadcasting Company with suitable and selected stations in provincial centres for the delectation of country listeners. In the case of Invercargill a special relay was run from 2YA through to Invercargill on Wednesday last, on the occasion of the Ranfurly Shield match between Southland and Wellington.

### "In the Dark"

AN anonymous correspondent, commenting on the rendering of a certain item given by a band during a recent broadcast performance, which item was followed by "I'm Afraid to Go Home in the Dark," said he had his doubts as to whether it would be safe for the band to go home in the daylight, if the composer had heard his piece played and happened to be about.



## Mendelssohn's Famous Oratorio

### "Elijah"

will be presented by

Royal Christchurch Musical Society

under the conductorship of

Mr. W. G. Dixon, L.R.A.M., A.R.C.M.

from 3 YA

August 5

### "Popular" Programmes Wanted.

AS a listener of over six years' standing I would like to give my views on some points. B class advertising: This is not likely to do much harm if limited to sponsored programmes. In any case, it is no concern of the listener, as he pays nothing toward the upkeep of these stations. Government control: In my opinion this would be the worst thing that could happen, as it is a well-known fact that anything controlled by the Government is smothered in red tape. Programmes: This is where my real kick comes in. When is the Broadcasting Company going to give listeners what they want instead of what the Broadcasting Company thinks they should want, as is undoubtedly the case at present? The announcer at 1YA gives the show away regularly every Friday evening when he announces the programme as being of the "popular type." The word "popular" as I understand it means something which is acceptable to the majority. This being the case, why only one of these programmes per week? We get far too many vocal items and far too much classical music. "Screen Grid" in your issue of July 17 sums up the situation perfectly. Another bad point is the useless repetition of market reports; take 1YA on Wednesday nights, for example. Westfield reports are given from three firms, and are practically identical. He then goes on to give overseas reports, very often from half a dozen sources, also identical. This is a sheer waste of time which could very well be taken up with more news or lectures.—George R. Munro (Clevedon).

#### Confined to 2YA.

I HAVE for some time past been reading different views about 2YA's programmes and the Orchestina. I think there could well be room for an improvement, as we get the same class of stuff night after night. It may be good and it may be bad; we cannot tell as we are so sick of it we do not know. Now the Sunday night concerts are always worth hearing. We get a little variety in it. Why not be like Aussie, mix the programmes up a bit and by doing that everybody is being pleased? We well know what suits one does not another, and I think that is the only way the public can be pleased. I think, too, the Sunday afternoon programme should be divided, one hour sacred and the other hour mixed (if not all sacred). Many people do



While we welcome the expressed views of listeners on topics pertaining to radio, we ask that these communications be kept to minimum length, as heavy demands are made upon space. Mere reiteration of arguments cannot be accepted for publication, and we cannot take responsibility for views expressed. Address communications to the Editor, and sign all correspondence, though a nom-de-plume may be used for publication.

not want bands and Orchestina music on Sundays, and if it is put up for two hours a week it would not hurt anybody. The Wednesday night programme could also well be cut out, as it is sheer rubbish. Some may say, why not turn to some other station? Well, I am one of the many unfortunate listeners here in Wanganui that is plagued with electrical disturbances and have to sit and listen to 2YA or close up. If 2YA was anything like Aussie or Auckland, Christchurch, or Dunedin, one could listen with pleasure. I trust instead of building relay stations the Government will make all the stations the same power as Wellington, that we might all be able to listen-in to them.—Snider.

#### Wandering Waves.

CANNOT something be done about the wavelength of some of the B stations around the 260m. mark? We hear from one station "Hymn No. 1931," and then we hear, "Yes, we have no bananas" or something worse. Why can't the B stations do a little advertising? Surely the Government aren't going to take over the A stations—the present system is bad enough.—E.A.B.

#### "Screen Grid" Taken to Task.

HAVE read with interest several letters that have appeared lately re B class stations, and think that "Screen Grid" has been rather hard on the YA stations.

"Screen Grid" does not state what part of the country he lives in; perhaps if he lived in Dunedin he might not be so willing to listen to the B programmes instead of the A. Am not going to pick out any particular B station, but there are one or two stations here who, for the number of hours a week they broadcast have not a sufficient supply of records, and one hears the same items week after week, with an occasional new one thrown in. Re advertising, I am not against it, providing it is kept within certain limits. "Screen Grid" states that if one does not like the advertising he can switch to the other stations. I might say the same applies to him. If he doesn't like the YA programmes, he can tune in to the B station. As long as one gets his 80/- worth a year it doesn't very much matter from whence it comes. If "Screen Grid" examines the programmes in the "Radio Record" dated July 17, he will find he has made a bad mistake in stating that there are too many vocal items on them. I have gone over the programmes for the four stations for the whole week, and on only four occasions do the vocal items exceed the instrumental or band items, and then only by one. Have spoken to several friends lately, and they are of the same opinion as myself—that the YA stations are putting on as good a programme as they can with the talent available. "Screen Grid" says that more humour should be included, and if it is not available they should put on records. He then goes on to complain about not having a dance band for the dance programme, which I think is rather contradictory. I am not a "highbrow" listener, "Screen Grid" but an ordinary one, and a very ordinary one at that. In conclusion, may I congratulate 2YA on the enterprise shown in broadcasting the description of the huge fire there last night, also the way in which Mr. Drummond described it.—J.R.F. (Dunedin).

#### Future of Broadcasting.

NOW that the future of broadcasting is exercising the minds of listeners, probably every listener has a different theory concerning the best course for the Government to pursue. In my opinion, Mr. Nimmo's suggestion, as given in the "Radio Record" of 17/7/31, is easily the best yet brought forward. The only point I am not quite sure of is about the £10,000 subsidy being sufficient for B class stations. This would be only 10 per cent. of the revenue from listeners, etc. Would not at least 33 1-3 per cent. be a more fair division, judging by the services given by the B class stations?

The weak point in the A class stations' service is the lack of broadcasting until 3 p.m. Certainly 2YA has extended its hours, but this station does not give efficient daytime service for the whole of New Zealand. A similar extension of service for the other three YA stations would, I think, be greatly appreciated by listeners.

Regarding advertising, America is always held up as the "horrible example."

But surely the comparison is not very apt. Compare the power of the United States stations with that of the New Zealand B's. It is not hard to get away from a B station. If they all ranged from 500 watts to 5 k.w. the proposition would be different.

In conclusion I have a kick and a bouquet for the "Radio Record." I have noticed some rather contradictory statements. When 2YA extended its hours you stated that this station had a daylight range covering the whole of New Zealand. In the case of the average receiver this statement is quite incorrect. On the other hand you published reports concerning unsatisfactory reception of 2YA even at night. Also your attitude regarding the B stations has been very one-sided. Now here is the bouquet. You have been very candid in publishing letters condemning your attitude on the above subject, and also you seem to have abandoned your view that the B stations should receive no part of the listeners' fees. Wishing you every success.—Northlander.

[Our correspondent does not allow for the essential difference between day and night transmission. At night the Heavyside Layer gets in its fine work and creates definite distortional areas. In regard to subsidising B stations, our attitude has been governed by the facts of the situation. Hitherto there has been no balance available, and the decision as to whether a balance will be available in the future can be determined only after a financial examination of revenue and expenditure. On that point we have simply reserved our judgment till the facts are available. Our contention always has been that New Zealand can support only one co-ordinated service, and we hold the view that Mr. Nimmo has in effect adopted that attitude. His proposal in reality is that the major service should co-operate with existing stations where possible instead of erecting fresh relay stations.—Ed.]

#### Views from Invercargill.

IN your issue of July 17, Mr. R. H. Nimmo gives his views concerning the

## "The Kestrel Three"

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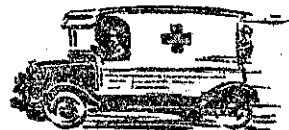
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future of "B" class stations, and suggests that the sum of £10,000 be set aside from the revenue derived from listeners for the purpose of subsidising these stations. A better way, I consider, would be to increase the annual license fee by, say, 3/-, and have listeners understand that this amount is added to their 30/- for the express purpose of maintaining efficiently-operated "B" stations. These are fulfilling a very useful service throughout the country, and cannot be allowed to go out of existence through lack of revenue, or through any Mussolini tactics. Nor can advertising over the air as a source of revenue for these stations, be tolerated any degree whatsoever. Weak-powered "B" stations, however, should either be made to increase their aerial output power, or be forced to close down. The ether is cramped enough already; in fact, the heterodyning position is becoming decidedly serious, and still the number of new broadcasting stations continue to increase. It is strange that no station takes a wavelength between 2YA and 2FC. There is room for three or four stations between 680 and 720 kilocycles.

Regarding the future of broadcasting in New Zealand, I think that the present license of the R.B.C. should be extended in preference to Government control. I cannot agree with the proposed system of relay stations. Land lines always seem to be most unsatisfactory. Only this afternoon I was listening-in to a relay from 2YA to 3YA, rebroadcast through 3YA to 4ZP, Invercargill, of the Ranfurly Shield match between Wellington and Southland, and the noise from the land line, combined with interruptions, was sufficiently bad to make one grind one's teeth. I was properly fed up with the transmission by the time the final whistle sounded. If this is a sample (and former relays have been as bad) of what listeners have in store with the system of inter-connected relay stations, then Heaven help the future of the radio trade in this Dominion. No, this is intolerable. The correct thing to do, as I pointed out in a letter several weeks ago, is to increase the power of 1YA, 3YA, and 4YA to 2000 watts, so that they can be heard well anywhere in New Zealand. This extra power will tend also to cut down noises caused by atmospherics. Subsidiary "B" class stations in selected situations sufficiently far from a YA station, must then be reconstructed so that each has a power of 1000 watts, which will give them a wide range even on nights when fading and static are bad. This I consider to be the ideal system, much to be preferred to relay stations, with land-line noises, etc., which are sufficient to kill the enthusiasm of any prospective listener.—Electrad (In'gill).

#### Do Not Weaken YA Service.

WITH regard to Mr. Nimmo's suggestion to subsidise "B" grade stations in the four main centres and other selected country places. This appears to me quite unnecessary, and in my opinion serves no purpose. It is to be sincerely hoped that should this approach any more that a suggestion that listeners-in will rigorously oppose it, as fees diverted to other channels must of necessity affect the quality of YA programmes, which even now at times could stand much improvement.

It has frequently occurred to me that the Broadcasting Company could with advantage bring the power of 1YA, 3YA and 4YA up to something approaching 2YA, and thus do away with either relay stations suggested or any possible claim that "B" grade stations are rendering the listening public a service. Primarily these stations are put into operation to advertise radio gramophone businesses, etc. On the whole they are not listened to to any great extent, and during the past four or five years I have not listened to more than three or four complete programmes. This is the case with most listeners.

It is pleasing to note that immediately there does not appear to be any danger of Government control, and that private enterprise will continue, which is, it must

be admitted, the only efficient way of conducting such a service.

I am sorry to take up so much space, but I could really say quite a lot more about the matter of "B" grade stations. One has only to go down to lower wave lengths on a powerful machine, and verily I believe the Tower of Babel has been, and is being, reproduced in our days.—"B Flat."

#### More Pep for Dinner.

AS a listener-in to 2YA principally, I would like to make a suggestion—one that has been voiced by many people in my hearing. Why not give us a brighter dinner hour programme? That is not the time to concentrate on 1st and 2nd movements. The dance programme commences at 10.30. How many of the country "listeners-in" sit up for that. 2YA could very well take a lesson from the smaller stations, who give us excellent programmes when they are on the air—bright, snappy, and short items.—"Patient Listener-in."

#### Too Many Stations.

HAVING read several "Mailbag" letters on programmes and advertising, I would like to add a further grievance, and that is there are far too many stations being granted license to operate between 1350 kilocycles, 222m., and 1050 kilocycles, 295 metres. It is practically impossible to listen to a station between these frequencies without the accompanying howl caused by another station. I think the time has arrived when the authorities in New Zealand and Australia took up the reins and allotted wavelengths, hours of transmission, etc.; and saw to it that there was no deviation, such as under the camouflage of "testing." Do those who are saying they have no objection to advertising realise that once advertising is allowed it won't be long before they will be squealing for it to be stopped? You can depend on it that once the "B" stations take it up the YA's will soon follow suit. I don't want to listen to anyone's adverts, and won't listen either. I bought my radio so I could enjoy music and talent. If advertising is granted I will go back to the gramophone.

Re programmes, I am sure the R.B.C. are trying to cater as much for listeners, and themselves, as possible. I would like to hear more dance bands, and would suggest that such a combination be engaged at each YA station so we could have a real dance night once a week. Then what about community singing? Surely each station could devote one night a month to a programme of this nature.—"Anti-Advertise."

#### Duplications Condemned.

I WISH to join in the conflict between the B station enthusiasts and their opponents. I have not heard any objectionable matter in the way of advertising from any B station as yet, but am in the habit of listening more to our local stations, of which we have a goodly number, than to the A stations, which, although they provide a good service, have many shortcomings. There is one thing that particularly puzzles me, and that is—why are all the four YA stations broadcasting the same class of matter at the same time? Would it not be far more acceptable for, say, Auckland and Christchurch to have dinner music 6-7 p.m., and Wellington and Dunedin news and reports during that time, following on with music from 7-8 p.m.? This could be alternative among the various stations so that at least one station in each island could be giving music between 6 p.m. and 8 p.m. At present there is a gap of an hour or more if 2YA shuts down the dinner music at 6.50, as they have been doing often lately, before one can tune-in in a musical programme from any A station. In my own experience, and doubtless my view is shared by others, we could quite easily dispense with most of the news given in the news and reports sessions, as there are not many country districts nowadays which do not get a newspaper the same day as it is published. Any-

way, how about the A stations making an effort to give us some variety between 6 and 8 p.m.?—"Ricky."

#### "B" Stations Received.

ALL criticism regarding radio in general is perhaps helpful. Being one of the first broadcast listeners in New Zealand, a little more would not be amiss.

The main topic just now seems to be the "B" class stations. In your leading article in this week's "Radio Record" it is stated that there are approximately 30 "B" class stations in operation in New Zealand. In my opinion this is far too many for a small country like New Zealand. These stations could be graded into two classes (the good and the bad); this comes from the fact of a check up of all "B" stations of late, and 40 per cent. of the above stations could be classed as really good stations—that is as

regards modulation, programmes, etc. As we all know, all stations are allotted a given frequency. There are "B" class stations which do not stay on the frequency allotted to them. This means the offending station is perhaps parked on the wave of another station. The outcome is a jumble up of speech and music; every station has a wave meter, or should have, to hold his wave in check. The offending station is not doing justice to himself or the other fellow.

Each station is allotted certain hours for broadcasting, and certain "B" class stations always seem to be on a test programme; records which are played are on the downward grade in many cases. To play a well-worn record on test does not give the official listener a 100 per cent. test for modulation, because distortion is bound to creep in.

A few of the "B" class stations are operated on two wavelengths, a frequency (Concluded on page 28.)

## Setting the Pace in Radio..

### MODEL 84

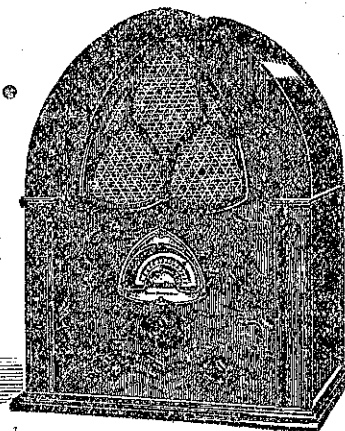
The New

### "COMPACT"

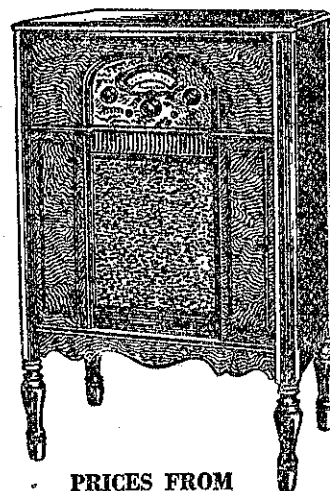
with the

### PENTODE VALVE

Superheterodyne



## ATWATER KENT RADIO



PRICES FROM  
£31 - 10 - 0

Just listen to that Golden Voice! Isn't that naturalness, that richness, that purity just what all the other radios are striving for. In every feature, Atwater Kent sets the pace. Super-sharp selectivity, the exclusive Quick-vision Dial, untroubled freedom from service worries—these are your ideals in Radio, and only Atwater Kent gives them to perfection. Model 70L Standard—with the Tone Control giving 4 distinct shadings from treble to bass.

## with the GOLDEN VOICE

Your nearest Atwater Kent dealer will gladly demonstrate or write to distributors.

N.Z. Distributors: C. & A. ODLIN & CO. LTD., Wellington

## Answers to Correspondents

**C.P.H. (Denniston):** A DX-er is one whose hobby is the reception of long-distance stations. It is certainly unnecessary to have a shortwave set to become a DX-er—in fact, the DX Club is composed of enthusiasts who listen to stations on the broadcast band. The set you are using is admirable for the purpose. From your diagram your aerial appears to be quite a good one, but the lead-in must be kept as far away as possible from all objects such as chimneys, roof tops, etc. Also, any attachment to the lead-in to hold it clear must, of course, be as heavily insulated as the aerial.

**"DX5A" (Taumarunui):** Additional badges may be obtained at the price of 2/6, post free.

**"OPAWA" (Lyttelton):** In the district divisions for the DX competition, South Canterbury is included with Otago, while North Canterbury is bracketed with Marlborough. In the last competition it happened that no entry was received from the Marlborough-Canterbury district, hence no certificate was awarded. Your reception of IYA just above 3AR, Melbourne, is explained by the fact that station 1ZLH, operated by G. S. Anchor, 165 Victoria Street, Hamilton, on 630 k.c. (476 metres), occasionally relays IYA.

**"DX10W" (Raetihi):** A DX badge has been forwarded to you.

**G.W.C. (Kurov):** Your log is fair. You would probably get greatly improved results if you heightened your aerial some 15 or 20ft., or arranged it so that it did not pass over the house top. The effective height of an aerial is reckoned as the distance from the nearest earthed object—in your case the roof of your house.

**"MONOTRAD" (Christchurch):** As we go to press on the Monday of each week, your letter, which you posted on Friday, would not be received in time for publication in the following week's issue. If you would post your correspond-

ence not later than Thursday of each week it would be received in time for publication in the following issue. "The Radio Log" may be obtained in Christchurch from Simpson and Williams, High Street; "Booklover's Library," Cathedral Square; Dominion Book Shop, Colombo Street; and from many others.

**"DIGGER" (Hamilton):** The approximate frequency on which a station is operating can be determined from the frequencies of stations operating on either side of it. For example, if a station is heard between 6WF, Perth, on 435 m. (690 kc.) and 5CL, Adelaide, operating on 412 m. (730 kc.), it is apparent that the required frequency is approximately 705 kc. (425 m.). We cannot explain why KGER on 220 m. (1360 kc.) should come in at the opposite end of the dial, to KFJF, on 233 m. (1285 kc.). Are you sure you are not receiving KZRM, Manila, on approx. 490 m. (625 kc.)? Two New York stations which may be heard now are WABC, on 860 kc. (349 m.), power 5 kw., and WGY, 790 kc. (380 m.), power 50 kw. WBAF on 660 kc. (454 m.) with a power of 50 kw., may also be heard well. Signal strengths are usually classified by the R system. R1 means a just audible signal, while R10 indicates the full maximum loudspeaker strength. R10 is never used, R9 being the practical maximum.

**A.S.R. (N.P.):** Your log compares very favourably with any we have seen. We would welcome any suggestions from members for an amendment to the DX competition rules in order to make matters more even. We would be pleased to hear your views on the subject.

**C.L.G. (N. Auckland):** "The Radio Log," a monthly publication, may be obtained from our offices, Box 1032,

Wellington, annual subscription being 6/6, post free.

**"RED BIRD" (Wellington):** The "verification" you forward would not be accepted for the DX competition. Try again.

### Addresses and Addresses Wanted

**WOULD** "Screen Grid" (Ngaio), P.K.B. (Oamaru), and "Rho Sigma" (Ngaio) please forward their addresses?

### Australian Reception

**THE** following is a list of the Australian stations, with their relative strengths (Max. 10) as received by "Bob" (Wellington)—

3LO, Melbourne .....	9
3AR, Melbourne .....	9
2GB, Sydney .....	9
2NC, Newcastle .....	9
2FC, Sydney .....	9
2BL, Sydney .....	9
3DB, Melbourne .....	8
4QG, Brisbane .....	8
7ZL, Hobart .....	7
3BO, Bendigo .....	7
2UE, Sydney .....	5
5CL, Adelaide .....	5
6WF, Perth .....	4

### Identification Wanted

**STATION** heard on July 20, two degrees above 3AZ. (?—Ed.) At 4.15 a.m., item, "Would You Like to Take a Walk?" was heard, while at 12.20 a.m. "Gay Caballero" was played. Also station heard at midnight on July 4 just below 4QG. A man announced in English, and then in a foreign tongue.—"Smart Set" (Timaru).

**STATION** heard on July 9 on approx. 207 m. (1445 kc.). Items heard: 11.40 p.m., "The Rosary" (sounded like an organ solo). At 10.15 p.m. on July 14 a waltz medley (instrumental) was heard, and at 10.55 p.m. Dvorak's "Humoresque." Also station on 85 (4QG, 88) heard at 10.15 on July 14. Announcer was speaking in a foreign language. At 10.30 p.m. talking finished and vocal numbers were heard, also in a foreign tongue. Has anyone heard a station heterodyning 4QG of late?—"Novice" (Dunedin).

**FOREIGNER** heard July 18 between 3AR and 7ZL (3AR, 79; stranger, 84; 7ZL, 88). At 11 p.m. an English orchestral item was played, and the announcer, without giving the call of the station, commenced a conversation with another man, which lasted for over an hour. They were still talking at midnight. Speech did not sound Chinese or Japanese. Also station on 880 k.c. (341 m.), which has been on the air for the last ten days, but from which I have

heard no announcement or music.—"Radio Four" (Waipawa).

**AMERICAN** heard at 6.35 p.m. on July 19 on 286 m. (1050 kc.). Items heard were: (1) "Look in the Looking Glass"; (2) "I'm Through with Love"; (3) "When the Moon Comes Over the Mountains." On several occasions the announcer mentioned as an advertisement "Arrowhead pale ginger ale."—"Otewa" (Otorohanga).

**STATION** heard at 12.52 a.m. on July 19, on 22, 124 (3ZC, 21, 12; 3DB, 224, 15). Items heard were: "Dreamy Rocky Mountain Moon"; "Moonlight on the Colorado" and "The Kiss Waltz." Station signed off without giving call. The same morning I heard another station with a call that sounded like VK3GT, the Hornby station. If there is such a station? Can anyone supply the address? J.R.F. (Dunedin).

**STATION** on 785 kc. (382 m.), between KTM and KGO, heard broadcasting orchestral items at 6.40 p.m. on July 20. Maximum strength about R3, with occasional fading and distortion.—"DX7W" (Marton).

**STATION** heard July 16 at 8.15—just slightly above 7ZL, Hobart. Recordings were played.—"Detector" (Blockhouse Bay).

**STATION** heard at 10.30 p.m. on July 17 on 65 (4QG, 67). Band items and clapping were heard. A man was singing in a foreign language, presumably Japanese. A stringed instrument accompanied him. Another foreign station immediately behind 4QG was also heard.—"Fellow" (Auckland).

**WHAT** station operating on approx. 1240 k.c. (242 m.) has a child making the announcements? He closed down at about 7.30 p.m. on July 19.—"Morse-pork" (Ohakune Junction).  
[For two months' DX-ing your log is excellent.—Ed.]

**STATION** heard on approx. 620 k.c. (484 m.) at 1.30 a.m. on July 18 playing dance music. Closed down at 2.30 a.m., saying, "You have been listening to an hour's music by the 'Cavalier Boys' from KRGM." One of the items was announced as follows: "We are now going to play that old favourite, 'The St. Louis Blues.'" Also a Chinese station on 590 k.c. (508 m.).—"Hori" (Cambridge).

[Your log is a little deficient in American stations, otherwise it is quite good.—Ed.]

**FOREIGNER** heard at R7 with heavy fading, on 800 kc. (375 m.). This station was speaking until 3 a.m., when I closed down. An occasional laugh was heard. Language very much resembled German.—"DX5T" (Okato).

**STATION** one degree above 2YA heard on the evening of July 5 at 5.15 p.m.—"Monotrad" (Christchurch).

### Stations Identified

**A.M. (Dunedin):** I have heard station which is heterodyning with 7ZL, Hobart for about a fortnight. I have heard items announced quite plainly, but have not been able to get call signs. On July 15, however, called ended with "California." G.H.A. (N. Richmond): JOHK, Japan.—S.M.C. (Mokau).

**STATION** midway between 3AR and 7ZL inquired for by several correspondents has been heard several times recently. It is XOL, Tientsen.—"Novice" (Dunedin).

**"DIGGER" (Hamilton):** KZRM, Manila, on 482 metres (622 kc.). "S.W." (Gisborne): KMPC, Beverly Hills, California, 710 kc. (422 m.), 500 watts.

### DX Club Membership

D.X. Editor,  
Box 1032,  
Wellington.

Dear Sir,—

I am very interested in D.X'ing and wish to become a member of the DX Club.

I enclose herewith 2/6 for badge of the { brooch } type  
and membership card. { screw }

I would like also to subscribe to the monthly D.X. magazine, "The Radio Log," and enclose 6/6, being 12 months' subscription, post free.

(Strike out last paragraph if not required.)

My set is a ..... { battery, using  
a.c. }

..... valves.

Name .....

Address .....

Nom de plume .....

(Please use block letters.)





**"DX8HB"** (Napier): Do you receive 2YA, Wellington, on 59? If so, the station you are inquiring for is WGN, Chicago, on 720 k.c. (416 m.), the same frequency as 2YA. "Howler" (Marton): WLW, Cincinnati, Ohio, 700 k.c. (428 m.). A.M. (Dunedin): The nearest station to ZL I have heard is KMTR, Los Angeles, on 570 k.c. (526 m.).—"Bayite" (Dunedin).

**"UNIVERSAL"** (Ladbrooks): Station one degree below 220, is WTAM, Cleveland, Ohio. The other, two degrees below 3YA and KJR, is KFVD, the Auburn Fuller station, Culver City, California. "H.H." (Whitianga): WCKY, Covington, Kentucky. To inquirers for addresses of KGL and KTL: There does not appear to be any such stations in the latest American lists.—J.P.C. (P.N.).

**M.A.** (Christchurch): Station on 625 k.c., broadcasting a recording of "Hy-wide and Handsome," was IZH, Hamilton, relaying 1YA's international programme. Other station on this frequency was KZRM, Manila.—"DX70C" (Dunedin).

**"DX3T"** (N.P.), and **"DX70C"** (Dunedin): 2WL, Wollongong, New South Wales, operating on 1400 kc. (214 m.), the old frequency of 2HD, Newcastle.—J.P.C. (P.N.).

**"UNIVERSAL"** (Ladbrooks): KFVD, Culver City, 1000 kc. (300 m.). "Wainui" (Gisborne): KMBL, Milford, Kansas, 1050 kc. (286 m.). F.H. (Dunedin): JOIK, Sapporo, 860 kc. (361 m.).—"DX1NW" (Thorpe).

## DX Topics

### Australian B's "On the Mat."

**LATEST** loggings include 3TR and 4RK, the latter testing on 910 k.c. (330 m.). I also have experienced difficulty in securing verifications from 4BC and 3WR. After waiting for six months I have written a second time. In the last mail WLAC forwarded an official listeners' card. R.A.M.: Foreigner on 910 k.c. (330 m.) I have taken for a Mexican.—"Radio Three" (Hillgrove).

### Recent Loggings.

**LATEST** loggings are KGB, San Diego, 1330 k.c. (225 m.); WLAS, Louisville, 820 k.c. (366 m.); KGU, Honolulu, 940 k.c. (319 m.); and 4ZR, Balclutha, 1330 k.c. (225 m.). I also have heard the station on 910 k.c. (330 m.) reported recently by several listeners. I think it is possibly XEX, Mexico City. "Miner" (Brunnerton): I have a verification from 4BC on their old frequency, but they have not replied to my report on their present frequency. When 2YA is not on the air, WGN, Chicago, comes through at excellent strength.—N. Jenkins (Masterton).

### Two Well-heard "B's."

**STATIONS** 2ZE and 1ZM are received well here on Sundays from 5 to 6 p.m. On the morning of the 20th I logged the new Australian 3KU. 3BY, Melbourne, and Radio Bangkok were also heard at good volume on the same morning, also a station on 1240 k.c. (242 m.)—probably 3EF. I wrote him for verification on June 14, but have received no reply. Is a New Zealand postage stamp accepted for postage in Australia?—"Hydro" (H.B.).

[According to the latest list of call signs, station 4EK operates on 238 m. (1290 k.c.), with a power of 200 watts. If you wish to enclose a stamped addressed envelope when writing to American stations, it is necessary to procure an international reply paid coupon, price 5d., from the nearest Post Office, and enclose with letter. This will pay for one reply at letter rate. A cheaper way—at least, when writing to such a distant country as America—is to forget about return postage. Australian stamps can be purchased in New Zealand.—Ed.]

## DX Competition

MR. STAFFORD 142, MR. ELLIS 125.

The official recount of the verifications entered for the DX Competition resulted as follows:—

Mr. Morley Stafford, Pehiri, Gisborne, 142 stations  
logged and verified ..... 1st

Mr. S. Ellis, Okato (last period winner), 125 stations 2nd

The district awards are as before. Full particulars and the winning log will be published in the next issue of the "Radio Log."

### Another New Australian.

**RE** my recent inquiry for particulars of 2WL, I have since heard him again at RS. His call is "2WL, Wollongong," and his station is situated next to the Commercial Banking Company of Sydney's buildings in Wollongong, New South Wales.—"DX3T" (N.P.).

### DX Cup Winner Congratulated.

**CONGRATULATIONS** to Mr. Stafford and the runner-up, Mr. Ellis. Both performances are very creditable. Latest verifications are: 4ZW, 2MO, 3KZ, and 5AD. American stations are coming in very well now, especially KFI, Los Angeles, which occasionally has to be toned down.—"Bob" (Wellington).

### Schedules of the Dunedin "B's."

**THE** following is a list of the Dunedin "B" stations—which all operate on 1080 k.c. (278 m.)—and their hours of operation:—

4ZW: Mon. to Sat., 8 a.m. to 9 a.m., 2 p.m. to 3 p.m.; also Friday, 6 p.m.; Saturday, 7-11 p.m.

4ZT: Mon. to Sat., 9 a.m. to 10 a.m., 1 p.m. to 2 p.m.

4ZM: Daily, 12 p.m. to 1 p.m., 5 p.m. to 6 p.m.

4ZB: Wed. and Thur., 8 p.m. to 10 p.m.; also Wed., 6.30 p.m. to 8 p.m.

4ZM: Mon. to Sat., 10 a.m. to noon; also Mon., 8 p.m. to 10 p.m., and 3-5 p.m., 8-10 p.m.; Tues. and Thurs., 3 p.m.-5 p.m.—"Wireless" (Dunedin).

[4ZP's schedule is as follows: Mon., Tues., Thurs., 10 a.m.-noon, 2-4 p.m., 6-10 p.m.; Wed. and Sat., 10 a.m.-noon, 2-5 p.m., 6-7 p.m.; Fri., 10 a.m.-noon, 2-4 p.m., 6-11 p.m.; Sun., 4-9.30 p.m.—Ed.]

### Two New Napier Stations.

**ON** July 12 I picked up 2ZB, Napier. The station is licensed to operate on 238 metres (1260 k.c.), but is heard on 242m. (1240 k.c.). Power is 7 watts. Hours: Saturday, 7.30 p.m. to 11 p.m.; Sunday, 10.30 a.m. to 12.30 p.m. Address is: T. H. Boston, Olive Square, Napier. 2ZH, 238m. (1260 k.c.) is testing with a 120-watt transmitting valve, after the other station signs off. Address: C. B. Hansen, Dickens Street, Napier. I after hear 2ME, Sydney, at good strength between 7.30 p.m. and 8 p.m. (our time) on 197m. (1520 k.c.), and 200m. (1500 k.c.). WLS, Chicago, shares times with WENR, and often comes on the air after the latter has signed off. On the 12th I logged 1ZM, Manurewa, 2.47 p.m. (1210 k.c.). Has any DXer in my locality heard 4ZR or 4ZF?—"DX24 HB" (Waipawa).

[WLAC, Life and Casualty Insurance Co., Nashville, Tennessee.—Ed.]

### Of Interest to Short-wavers.

**ADDRESS** of ZL2FY, Hastings, which commenced operating recently, is Mr. Harry R. Roberts, 106 Southampton Street, Hastings. Mr. Len Schaefer, Greymouth, who operates ZL3BV, is building station 3ZE, which will go on the air under the name of Schaefer's Garage. A tip for listeners trying to get their whereabouts on the 80 metres band. Tune

in to ZL2AX (P.N.). His frequency is 3975 k.c. Are American hams on the 80 metres band heard here on phones at all?—"Third Grid" (Greymouth).

[M.O.P.A. stands for modulated oscillator, power amplifier.—Ed.]

### DX Notes.

**I** HAVE recently received verifications from 4LO, Dunedin, 277.8 metres (1080 k.c.), and 3BO, Bendigo, which is owned and operated by A.W.A. on frequency 975 k.c. (307.7 metres), with a power of 200 watts in aerial. My latest loggings are 5KA, Adelaide, 1200 k.c. (250 m.); 3 EF, Ellwood, Victoria; 12.40 k.c. (240.8m), operating during the hours at 12 a.m. and 2.30 a.m., and VK3BY, Experimental Station, Melbourne, 1200 k.c. (250m.), during the same hours, on July 19. Both stations were very clear; KGER was logged for over an hour on July 18, transmits on a wavelength 220 metres (1360 k.c.). At 10.45 p.m. (N.Z. time). I heard KFI on July 18 make an announcement, testing, and also express-

ing thanks to all New Zealand and Australian listeners for sending in reports of reception of KFI's broadcasting. The announcer "closed down" the station "until 6.45 a.m., Pacific standard time."—"Searcher" (Mania).

### Stranger on 1YA.

**CARDS** recently received include KWKH, WLAC, WLS and KMTR. Several correspondents appear to have been unable to identify the foreigner on 1YA's frequency. According to the latest European Call Book to hand there are no Spanish stations on this frequency, so it is evidently a Mexican station, either XFF or XEX. I wrote to both stations some time ago. The Mexican stations have a bad habit of wandering from one frequency to another and are causing no little concern to the Federal authorities in America. One was heard very close to WLW on several evenings recently, but on consulting several call lists no mention was made of a Mexican operating on this particular frequency. KMTR and KFBI (one time KFKB) have been coming in splendidly at about 10.30 p.m. on their early morning session recently. With regard to a club motto, I suggest "To seek, to strive, but not to imagine." N.Z. 17W, with his one-valve super-set, please note.—D.T.H. (Timaru).

[Sorry to hear of your misfortune, and hope things will soon brighten.—Ed.]

### A New American?

**HAS** any DX'er heard an American giving the call KGAB? At 8.25 p.m. on July 8 he was heard announcing "KGAB now closing down till 7.0 this morning." He was heard 1½ deg. above 7ZL.—"DX9A" (Auckland).

### Particulars of 2MV.

**STATION** 2MV, Mossvale, operates on 245.8m. (1220 kc.), with a power of 50 watts. Latest loggings are: KTHS, WCAC, WGN, KPO. On a recent night

Advertisement of Philips Lamps (N.Z.) Limited. Head Office: P.O. Box 1673, Wellington. Branches—Auckland, Paykel's Building, Anzac Avenue. Christchurch, 226 Tuam Street.

I heard station WFAA at 10.30 p.m. (N.Z. time) just closing down. He appeared to be using some foreign language as well as English.—H.O.W. (Bluff.)

[You do not give enough particulars of the stations you want identified.—Ed.]

### DX Notes.

ON July 22 I added another American to my log—WLAC, Life and Casualty Insurance Co., Nashville, on 1470 kc. (204 m.).

At 6.40 p.m. on July 23 I picked up the s.s. Katara (VJMP), calling up Radio Melbourne (VIM), for a five-minute conversation. Later I heard VJNM calling up 2MB, Sydney, and giving his position, etc. Both were on 1360 kc. (220 m.), and according to a verification I have from 3MB they reply to these ships on 670 metres, which accounts for hearing the captains saying at the end of their reports. "We are now going over, over OVER—." From 7.15 to 7.32 p.m. on the 23rd, KGW, Portland, on 620 kc. (483.5 m.), was coming in strongly with dance music from the Hotel St. Francis in San Francisco, so they are evidently another link in the great N.B.C. chain. They, too, are rather fond of advertising. On this occasion it was for a well-known American drink (non-intoxicant).

New Zealand is not altogether unheard of, even in America, as the following extract from a letter from a Californian station shows. The writer is evidently the station typist:—"There is just one thing I, the writer, wish to comment on, though—the very idea of you enclosing such an alluring folder (views of New Zealand) for a hard-working girl to have to longingly gaze at so helplessly. Perhaps you didn't know that my biggest ambition in life is to visit your beautiful country. But it is. I did get as far as Tahiti for six months with the company that made "White Shadows of the South Seas," and how I longed to continue to your Paradise. Now see how mean you have been to me."

According to verifications just received from two of the J.B.C. (Japan) stations, they very rarely stay on the air after 9.40 p.m. (12.10 a.m. N.Z.S.T.), but sign on at 6 a.m. J.S.T. They evidently believe in that old adage, "Early to bed and early to rise," etc.—"DXIT" (New Plymouth).

[Thanks for helpful comments re "Radio Log." They have been duly noted, and where possible, will be put into effect. We want this magazine to be of the greatest possible interest to DX-ers, and without their suggestions as a guide it is very difficult to know just what is want-

ed. By the way, what Californian station was that?—Ed.]

### Latest Loggings.

LATEST American loggings are: WLS, Chicago; KFBL, Milford, Kansas; KSL, Salt Lake City; and KFVD, Culver City. "Miner" (Brunnerton): I am experiencing the same trouble as you. I wrote to 3WR about three months ago, and 4BO about two months ago.—"DX1NW" (Thorpe).

### DX-ing in Timaru.

CONGRATULATIONS, Mr. Stafford, on your wonderful effort. You certainly have set us a great figure to beat. Also, to Mr. Ellis, who takes second place. DX-ing in Timaru has not been too good for the two past months; not one station has been logged. Static and other interference cause us a lot of trouble. This month, however, I have had quite a successful run, logging 16 new Americans.—"DX1OC" (Timaru).

### When Writing for Verifications.

HEARTY congratulations to Mr. Stafford on his achievement. Regarding complaints from a number of DX-ers, on not receiving replies to their letters, I can sympathise with them, but I would like to offer my advice on the matter, and that is to send stamped, addressed envelope. In every case, Australian stamps can be obtained at the Post Office. It is kindness on the part of a lot of these small station to reply, as they have no revenue. Thanks to "Scalper" (Ohakune), I logged WABC, New York, on Sunday, 19th, from 4.55 to 5.35 p.m. On Sunday, about this time, seems to be the best time to log him, as his frequency is right on 2BL. On the 20th WLAC broadcast a mission service till 7.30 (N.Z. time), and stated that anyone in any part of the world reporting on that transmission would receive a New Testament. I received by this week's Australian mail a prize of one guinea for the furthest distant correct result in a jumbled letter town competition from 3DB, Melbourne. There were only two entries from New Zealand, out of 15,700. The other wasn't correct.—J.P.C. (P.N.).

### DX Jottings.

STATION 2AY, Albury, on his new frequency, 1460 kc. (205 m.), does not come in as well as he did on 1320 kc. (227 m.). There appears to be much more man-made noise at that end of the dial. KFI has been really good of late, and on the 23rd., at 7.30 p.m., he gave out his next day programme, and also that for KECA, at great strength, through static. What went wrong with 2YA'S transmit-

ter on 24th? He all but made my set do a "Charleston" when an attempt was made to tune in an outside station. Notice he came on air again after midnight to do some testing. Tell us, did 2ZW's announcer get caught in a Boston crab on 20th? After a wretched wrestling relay, given much preliminary boosting, the announcer was blowing hard when the station went back to the studio. Short of a gallop, eh?—"DX1W" (Wellington).

### An Experimental Station.

AT 2.13 a.m. lately a station was heard on 1240 kc. (242 m.), giving the call 3TFO, Victoria Experimental Station. Strength RT. 2TW has been receiv-

## DX Notepaper

DX'ers! Write for that verification on D.X. notepaper and avoid missing out important details. Takes a quarter of the time to write out, too. Obtainable from P.O. Box 1032, Wellington, in two-dozen lots (minimum order), price 1/6, or six dozen for 4/-, post free. Special paper for club members.

ed at R2, stronger than 2EK. QRM and QRN was heavy. 3BY, Melbourne, was also coming through at RT and signed off at 2.30 a.m.—"DX5T" (Okato).

### Europe on a One-valve?

MANY seem to doubt my recent statement concerning the reception of a Czechoslovakian station on a one-valve set. In reply I would state that I have experimented with different coils, tuning condensers, aerial couplings, etc., as well as the lay-out, until I have obtained the best results possible. Aerial is 150 feet long, and about 30 feet high, and the earth is two 6ft. pipes driven into the ground. I can regularly receive the main New Zealand and Australian stations, and can hear Bratislava almost any morning. My log, all verified, comprises 11 New Zealand, 10 Australian, 10 Americans, KZRM, Manila, JOJK, HFP1, and the Bratislavian station. I have also logged 2BL in daylight. I should like the following correction made: PMR, not PMP (as published), works on 14.55 m.—"N.Z.17W" (P.N.).

### Was it KGHF?

IN the weekly radio column of a recent issue of the "N.Z. Herald" was published a report from an Auckland listener giving an account of reception of KGHF, Hot Springs, California, received at R8. Is there such a station? I receive KTHS, Hot Springs, Arkansas, at good volume about the time mentioned. Has any other DX'er heard KGHF—E.A.M. (Auckland).

[According to the latest call-book station KGHF is located at Pueblo, Colorado. Your log is one of the best we have seen.—Ed.]

### One Mystery Solved.

ON July 17 I was listening-in to the station on approx. 600 kc. (500 m.), which is believed by some DX-ers to be XOL, China. At 12.30 a.m., when all other Japanese stations were off the air, I distinctly heard the call given as JOAK. On July 17 I heard him give the call JOKK. Which is it? At 5.30 p.m. on July 18 and 19 I listened to the mystery station on approx. 910 kc. (330 m.). An orchestra was playing when I tuned in. This was followed by an announcement, hardly readable, in what sounded like a foreign language. Then, quite plainly: "This programme comes to you over station KHJ in Los Angeles. You have been listening to the Spanish orchestra playing from —," and then he faded out. I turned the dial slightly toward Auckland and heard the foreign language again. The station we want to identify is on 910 kc. (330 m.), and it is going to be difficult

to do with KHJ on 905 kc. (331 m.), and Auckland on 920 kc. (326 m.).—"DX-30HB" (Taradale).

[JOKK often relays JOAK, and you heard the latter's announcement on one of these occasions.—Ed.]

## The Electric Set

### Connection with Mains

A PROPOS a question raised recently concerning the connection of all-electric radio sets to the mains, our attention has been drawn to a similar point which was raised in the "New Zealand Electric Journal" a short time back. This was the question:—

"Will you please advise what is necessary to comply with the wiring regulations in connection with all-electric sets to the supply?"

The answer was:—

"They must be connected to the permanent wiring by means of a plug and socket, except that for demonstration purposes when a set is being offered for sale, it may be temporarily connected to a lampholder by means of an adaptor, provided the current taken does not exceed one ampere and that a person touching any metal liable to become alive is not likely, under normal conditions, to be simultaneously making contact with earth other than the earth used for reception purposes on the set itself.

"The flexible cord used shall be of oval or circular section of high insulation and carrying capacity, and shall be protected with hard-co. braid-

### "The Radio Log"

DX enthusiasts and members of the DX Club are asked to forward to the Editor, "Radio Log," Box 1032, Wellington, any paragraphs of interest generally to DX-ers. These paragraphs should relate to changed frequencies, changed calls or location, etc., of stations commonly known to DX-ers. The Editor will be pleased to receive any comments concerning the "Log" from interested readers. The next issue will be on sale on approximately August 20 and each succeeding month. Letters for publication and other matter should be in the hands of the Editor by the 10th or 12th of each month.

lug, tough rubber compound or wire armouring.

"Transformers used to connect the set to the supply must be double-wound, and the winding connected to the supply must be effectively separated from all other windings.

"The transformer must be earthed. "All exposed metal liable to become alive must be earthed. Where the only danger of contact with earth is due to the earth used for reception purposes on the set itself, the metal liable to become alive may be connected to the earth terminal of the set.

"If fuses are used they must comply with the regulations."

The radio enthusiast should take notice of these regulations, as, in the event of a fire, inquiries are likely to be made, and any departure therefrom might put him in ill-favour with the Underwriters' Association when it comes to the matter of insurance.

# RADIO DIRECTORY

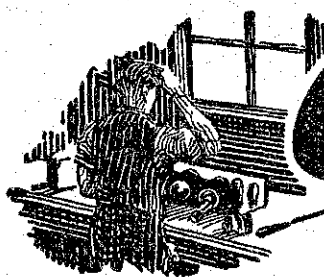
## What to Buy and Where

### CITIES.

- ACE & HAMMARLUND SETS,** Johns, Ltd.  
**WESTINGHOUSE Rectifiers** Chancery Street, Auckland.  
**BURGESS RADIO BATTERIES,** All Radio Dealers.  
**LOFTIN-WHITE AMPLIFIERS** Stewart Hardware Ltd.,  
 Courtenay Place, Wellington.  
**MULLARD VALVES** . . . . . All Radio Dealers.  
**RADIOLA RECEIVERS** and Farmers' Trading Co., Ltd.,  
 Expert Radiola Service . . . . . Hobson Street, Auckland.

### COUNTRY TOWNS.

- PHILIPS VALVES AND APPARATUS** . . . . . All Good Radio Dealers.



# Questions and Answers



**W.J.C. (Wellington):** Hand capacity is very bad on my set and specially on waves below 50 metres, in spite of the fact the plates on the tuning and reaction condensers are earthed.

**A.:** Hand capacity is sometimes very difficult to eliminate. The usual procedure is to do what you have done, and if this fails fit a metal panel and earth. If that fails you will have to shield the set entirely and earth the shielding. However, we think the metal panel will overcome your difficulty. The use of a different valve and a different grid-leak sometimes effects an improvement.

**2.** The set fails to oscillate on the broadcast band, although it is excellent on the short-wave.

**A.:** You require more turns upon the tickler coil of your broadcast coils.

**3.** Would an accumulator be more economical than three dry cells?

**A.:** It depends upon the valve you are using. If you are using one with a consumption of about .06 of an amp then it is just as economical to use the three dry cells, otherwise a small accumulator would be the better. You must not, however, overlook the fact that the cost of an accumulator would pay for many cells.

**HILL TOP (Auckland):** I want to construct the Differential One for short-wave work and do not want to go to the expense of buying a differential condenser, for I have .0001 and .0005 condensers on hand.

**A.:** You can use the .0001 as a reaction condenser, but you cannot use the "differential" circuit—try the "Ranger."

**2.** On my one-valve set I have logged 14 Americans and five Japanese stations. If I add a further stage of audio will I get still more stations?

**A.:** Most decidedly, yes. You have done excellent work with the one-valve set.

**3.** My valve is 2½ years old. Will I get better results if I install a new 201A?

**A.:** Yes, but we would advise you to use a new 221 which is the modern equivalent of the 201A.

**B.D. (Hawke's Bay):** What is the correct type of 4-volt Mullard valves to be used in a four-valve B.D.—(a) with 2 dry B batteries of 90 volts; (b) with 135 volts?

**A.:** PMS, r.f., PM4DX detector, PM3 first audio, PM4 second audio. These will be quite satisfactory for either 90 volts or 135 volts B.

**2.** Are Mullard valves still imported into New Zealand?

**A.:** Yes, in very large numbers. Your information is incorrect as far as we know.

**BONNITUNE (Patetonga):** What can I do to reduce static and loud crashes that occur intermittently? I believe these crashes are from a nearby power plant.

**A.:** Find out where the loud crashes are coming from. If you know of anyone in your neighbourhood who is using a power plant, your best plan would be to approach them and ask if they would incorporate filters, as these would undoubtedly overcome the noise. Filters were very fully discussed in the "Radio Record" about two years ago, and what was said then still holds good. It will be a case of using a choke condenser near the commutator of the power plant, which will certainly smooth out a great deal of the noise and improve your reception. Failing this, shorten your aerial, but get it very high, pointing at right angles to the direction from which the noise is coming. A tone control will cut out a fair amount of the noise, or, rather, we should say, it will dim it. If your set is not fitted with a control, you could buy one for a reasonably small sum. This would cut out the higher notes and at the same time eliminate a great deal of the noise and give you much quieter reception.

**2.** Is it possible to have phones incorporated in this set?

**A.:** Yes, as soon as we can get the space we shall publish an article, on connecting phones to an a.c. set. Watch out for it, it will be along soon.

**3.** What is push-pull amplification?

**A.:** Push-pull amplification implies the use of two power valves instead of one. The work that one valve would normally do has been divided between two valves, but the circuit is such that not only is the work split, but a greater amount of power can be fed to the speaker through the valves being connected in push-pull. The subject was very fully treated in the 1931 "Radio Guide."

**W.J.M. (Auckland):** I have a three-valve N.Z.R. receiver, and am troubled by a continuous low-pitched whistle. If I place my fingers across the secondary of the first transformer the whistle stops, and the tone and volume are improved.

**A.:** Try reversing the primary connections to this transformer. If this fails, connect across the secondary a one megohm grid-leak resistance, and we think you will then find your trouble will disappear.

**2.** What size coils, etc., are to be used for the accompanying crystal circuit described in the "R.R."?

**A.:** That circuit is the "Rejecta Two," which was very fully described in the "R.R." of June 19, 1931.

**A.M.T. (N. Otago):** Concerning the matching of push-pull output valves to an output transformer are 2400 turns

## Answers to Correspondents

THE attention of correspondents to the Questions and Answers columns is drawn to a note appearing in the coupon which points out that there is a maximum of three questions unless a shilling fee is enclosed. Furthermore, reply by post cannot be given with the shilling fee, but this does not entitle the correspondent to ask a large number of questions. The limit that we will answer by post is three. We cannot, without a special fee, undertake to supply wiring and theoretical diagrams. We will give help and criticise existing diagrams, where possible, but the supply of new ones or substantial alterations cannot be done in the ordinary course of events.

Owing to pressure on space, we had to withhold Questions and Answers last week, with the result that there is now a very large waiting list and there are still over seventy letters to be dealt with. We ask anyone who has not received a reply not to be impatient, as all queries will be dealt with as soon as possible. Further questions coming in within the next week or so will be delayed for some time, for we must get clear of those questions we have on hand.

As we wish our service to be in the main a free one, we ask correspondents, where possible, to limit the number of questions they ask to three, and not ask for replies by post. Generally, however, a reply by post can be obtained earlier than through the paper, but we cannot make this a promise.

Would correspondents please note also that letters to the DX Club and to the Editorial staff which do not ask technical questions should not be accompanied by a coupon. The use of a coupon under these circumstances is liable to delay reply, for such letters waiting to be attended to will most probably find their way into the Questions and Answers waiting list.

**WOULD "Bacto" (Wellington)** get in touch with Arthur E. Allen, 146 Great North Road, Avondale, Auckland, as soon as possible?

correct for the primary of an output transformer if wound on a 1½ in. core?

**A.:** We are inclined to think 2400 turns rather too few. A better idea would have been to have wound on say twice the number and taken out several tapings so that you could more accurately match the impedance of the valves to the primary; 1½ in. core is also a little large, probably beyond the optimum; 1 x 1 is usually considered satisfactory, and on this you will need at least 7000 turns.

**NOVICE (Christchurch):** My set surges badly. Would run-down "B" batteries be the cause?

**A.:** In all probability yes, run-down "A's" or a defective accumulator could also be responsible. A swinging aerial would also cause surging, but not to a very marked extent. You do not say how old your batteries are, but it would not be a bad plan to test them.

**A.H. (North Canterbury):** Is there a commercial shortwave adapter for an 8-valve a.c. receiver?

**A.:** There are quite a number of them to be had nowadays, known as super heterodyne converters. We think if you wrote to the Wellington agents for your set they would be able to fix you up with the converter. We believe the price is somewhere about £12 or £15, but we are not quite certain.

**PURUKI (Picton):** Does my set go up to 500 metres only? If so, is there any way, without tampering with a factory-made set, that I can extend the tuning range?

**A.:** The only satisfactory way of extending the tuning range is to add more turns to the coil and this is not easy in a set such as yours. Evidently you have just too few turns upon the coils as most sets range from 250 metres to 550, thus cutting out the empty space between about 30 on your dial and 6.

**RAD (Te Awamutu):** The shortwave adapter in the 1930 "Radio Guide" goes into oscillation satisfactorily on the 45 to 90 m. coil. With either of the two smaller coils I cannot obtain oscillation on any part of the dial. I have increased detector voltage, but without result.

**CORRESPONDENTS** must attach this coupon to all queries sent to the Technical Editor (Box 1032, Wellington). Limit three questions, unless letter is accompanied by 1/- fee.

Name of set .....

Number of valves .....

Name .....

Address .....

.....

.....

Nom de plume .....

To be kept in subsequent inquiries.

Date .....

Please Note:—

- (1) Be specific and brief, tabulating, if possible.
- (2) Write legibly, and on one side of the paper.
- (3) We do not design circuits, but accept suggestions for feature articles.

Solving trouble, as different from advice, is difficult by correspondence and while letters are given every consideration, answers are not necessarily correct—they are only our opinion based on the matter supplied which may be quite inadequate. Intricate and involved specifications cannot be supplied without a specialist's fee.

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A.: Use a 10 meg. grid lead and if this fails to produce oscillation increase the number of turns on the reaction coils of the non-oscillating coils.

2. With the large coil in I can obtain oscillation over the whole dial, but at the lower end fringe howl develops on the oscillation point. Carriers of stations on this band are very bubbly and erratic and the stations difficult to hold.

A.: This seems to be due to a defective grid-leak, or a second rate r.f. radio frequency choke. If you experiment with different grid leaks and try altering the number of turns on the reaction coil, and so decrease the detector voltage, you will probably get some satisfaction.

3. Would it be satisfactory to connect phones direct to the speaker terminals? There is a filter condenser in the circuit, but no choke.

A.: Yes, it will be quite safe to connect the phones where you indicate.

**SELECTRA (Auckland).**—I have built the "Sparrow Hawk One," as in the "Radio Guide," and it works very well, for sometimes KFI comes in faintly on the phones. I would like to use a midget condenser 50 mmfd. for tuning, and also one in place of the primary coil. Would an aerial condenser give as good results as a primary coil in the circuit?

A.: It would probably give better results. Make a coil such as that described for the "Kestrel Three" and try coupling it straight through without the primary coil.

2. Would you please publish specifications for a 50 mmfd. tuning condenser and a .00015 differential reaction?

A.: Yes, we will publish them next week.

(Note.—This correspondent adds that the Selectra crystal set in the "Guide" gives good results. It gets 12R, while 1YA is operating. Good. We like to hear of these successes. It cheers us up.—Tec. Ed.)

**G. O. (Auckland):** Would it be possible to publish in the "Radio Record" a special page dealing with crystal sets? In this locality I get 2YA, 3YA, 2FC, 1YA, 2BL, 1ZM, 1ZB, and 1ZR on a crystal set. I believe there is a crystal circuit which uses two crystals for getting double the strength. Could you publish it?

A.: You are very lucky indeed getting all those stations on a crystal set. There

little, but nothing to worry about. You could make the window 1/16" more without having a detrimental effect upon the transformer.

**H. J.B. (Upper Hutt):** I have made three of the "Rejecta Two" crystal sets, and have been pleased with the results. The sets were constructed with various sizes of wire, formers and various settings for experimental purposes. One of the sets I found worked and is still working well with the first tap of the primary and tap of the secondary connected. On one I use a carborundum unit, which is decidedly superior to the cat whisker which I use with the others. So far I have not been able to receive 2ZW with all my juggling with the coils, etc. In fact I know of no-one in this locality who has.

A.: We do not think that 2ZW is received satisfactorily in the Upper Hutt on a crystal. We have not heard of it being done—certainly not with a selective set such as the "Rejecta." It is quite understandable the set working well with the top of the primary and the top of the secondary connected. You are then, to a large extent, offsetting the value of the primary coil. Such a connection destroys all selectivity.

**T. K.T. (Te Kuiti):** I have a commercial short-wave receiver which will oscillate satisfactorily on the 80 metres band, but not on the 40 metres band, unless I have 70 volts on the detector plate. There are 10 turns on the aerial coil. Could I increase this number to cause the set to oscillate?

A.: It is not wise to increase the number of turns on the aerial coil, as you will probably introduce dead spots. Better increase the number of turns on the regeneration coil. For the 40 metres band there should be at least three-quarters of the number of turns on the tickler as on the secondary. Sometimes an equal number are needed, though of course you can use finer wire for the tickler. Sometimes the use of a small value variable condenser in the aerial will make the set oscillate. Say a midget with a maximum capacity of about .00005 mfd.

**O. C.S. (Hamilton):** I am using a three-stage h.f. s.g. a.c. receiver. Would you recommend plate detection, and if so, what value of grid bias would be necessary to use with the 227 detector valves?

A.: Plate detection would be satisfactory. The value of the resistance is 5000 ohms. It should be by-passed with a .5 mfd. condenser.

2. What are the specifications of a tone control to use in a set employing push-pull with 245 valves?

A.: Use a 1 meg. variable resistance in series with a .002 mfd. by-pass condenser between the plate of the audio valve preceding the push-pull stage and earth.

**ODSOX (Te Kuiti):** Are circuits such as the one enclosed as selective as two stages of r.f.?

A.: In nearly every case, yes.  
2. My "Sparrow Hawk" one will bring in 1YA, 2YA, 3YA, 2ZW, and 2BL and 3LO. Is this good?

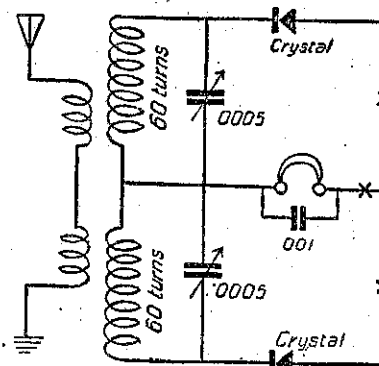
A.: Most decidedly, yes.  
3. Why is it that 2ZW comes in with more volume than 2YA?

A.: This is rather difficult to explain, and must be due to some freak of your locality. 2YA is a much more powerful station, and is generally received at greater strength than the weaker 2ZW.

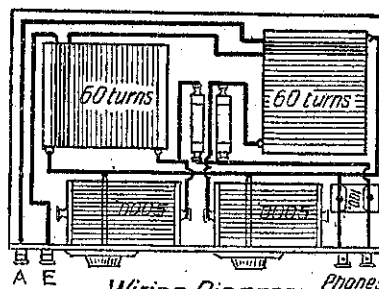
**W. E.D. (Blenheim).**—How can I change the enclosed circuit from an untuned s.g. stage to a tuned s.g. stage? It employs a radio frequency choke between the aerial and the earth.

A.: In front of the r.f. choke employ a transformer, such as the first transformer described for the "Outspan Five," and use a condenser to match the coil. It will then be all right. Study the diagram published for the Outspan, and look over the "Kestrel Three" this week, and you might pick up something about tuned r.f. stages.

2. How many turns will I need on a



Theoretical Diagram



Wiring Diagram

is a full-wave crystal set, details of which were published in the 1929 "Guide." We reproduce the circuit here, but for full details you must look up the "Guide." Two coils are used, both being the same, and they are connected to two permanent crystals, which, however, must be accurately matched if good results are to be obtained. Practice has shown that although this set is a splendid one for experimental purposes one cannot always guarantee success with it.

**J. P.B. (Dunedin):** I have acquired a s.g. valve and want to make up a five-valve set using s.g. r.f. and s.g. detector and two audio. Can I get a good circuit?

A.: The "Outspan Five" will be the set you are requiring. It was described in the "R.R." of February 20.

2. I am now using a four-valve B.D. using A630, in the first stage, A615, det. A609, first audio, and B605 power valve, but sometimes a crack of static makes the set break into oscillation. The station roars in and then fades back to its normal strength. What could I do to rectify this?

A.: This appears to be originating in the radio stage due to your using the A630 valve, which is not altogether suitable for the B.D. unless specially matched. Such trouble is difficult to eliminate without reconstructing your r.f. coils. We suggest your using the "Outspan" circuit.

3. I am contemplating building the s.w. power pack in the "Guide and Call Book." Is 36 gauge enamelled quite safe to draw 210 volts at 100 amps., and would the efficiency of the transformer be affected if the window were increased to 1/16" more than stated?

A.: 36 enamelled wire would be quite safe. The transformer may warm up a

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### NEW ARRIVALS:

- "Modern Sets, 1931" (2-3-4-Valve Battery and A.C. Sets, L-W Amplifier and special S-W. Set), 1/8. (Australia and New Zealand).
- "Radio Physics Course," by Ghirardi, 14/8.
- "Radio: A Study of First Principles," by Burns, 13/2.
- "Mathematics of Radio," by Rider, 11/2.
- "Radio Amateur Handbook" (Handy's) 8th edition, 5/3.
- "Mathematics for the Practical Man," by Howe, 3/4. Simplicity itself.
- "A.R.R.L. Log of Amateur Stations," 2/-.
- "Radio Log and Lore," 2/- (The World's best Log of the World).
- "Radio Log" (N.Z. Monthly), 7d. per copy.

### ALSO LOOK AT THIS LIST:—

- Gernsback's Official Radio Service Manual (complete directory of all commercial wiring diagrams), invaluable to servicemen, 22/6. Published price.
- 101 Hook-Ups, "Radio News," 2/6.
- Short-Wave Manual, 1930, "Radio News," 3/3. Complete A.C. S.W. with P—P, etc., etc.
- 1001 Radio Questions and Answers, 1930, "Radio News," 2/9. D.C. to A.C., etc. Handbook, 1930, "Radio News," 2/9. Radio Wrinkles, etc.
- "Radio," U.S.A. National Trade Magazine, 1/9.
- "Cameron's Sound Motion Pictures Encyclopedia," 18/6.
- "Wireless: The Magic Carpet," 5/-. (Technical Editor "Radio Record" says no set owner should be without it.)
- "Practical Radio Telegraphy," by Nilson and Hornung, 18/-. (formerly "Talking Machine World"), monthly, 2/- per copy.
- "Practical Radio Repairing Hints," by Rider, 13/-. (Don't miss it.)
- "Practical Radio Construction and Repairing," by Moyer and Westrel, 15/6.
- "Radio Times" (English weekly), 4d. per copy.
- "All About the All-Electric," 1/9.
- "Radio Operating Questions and Answers," by Nilson and Hornung, 14/-.  
"Radio Amateur Call Book," latest quarterly, 5/3 (On way to us).  
"Theory of Radio Communication," by Filgate, 12/-.  
"Principles of Radio Communication," by Morecroft, 41/6.  
"Elements of Radio Communication," by Morecroft, 19/-.  
"Direction Finding," by Keen, 27/-.  
"Thermionic Vacuum Tubes," by Van der Bijl, 26/-.  
"Radio Receiving Tubes," by Moyer and Westrel, 14/-.  
"How Radio Receivers Work," by Roberts 8/-.  
"Radio Design," Vol. 3, No. 4, 1/1 per copy.  
"Radio Engineering" (a monthly issue), 21/- per annum.  
"Projection Engineering" (monthly), 21/- per annum.  
"N.Z. Radio Guide and Call Book, 1931," 2/10.  
"1001 N.Z. Radio Handbook," 2/10 posted.  
5 and 6-Valve Neutrodyne Blue Prints and instructions with one transformer and 2 resistance coupled audio stages, 1/8.  
"Batteryless Neutrodyne" Blue Print, etc., 2/9.  
"Radio Record" D.X. Forms, 1/8 two doz., posted.  
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valve base coil for the 80 metres band using a .00013 tuning condenser?

A.: 15½ turns of 26 d.s.c. wire, and for the secondary 14½ turns of 36 d.s.c. wire for the tickler.

2. How many turns will I need for the broadcast coil?

A.: You will need two broadcast coils to cover the band efficiently. The first will require 80 turns on the secondary of 30-gauge enamelled wire, and 30 turns of 36 d.s.c. for the tickler. The next coil will require 148 turns of 30-gauge enamel for the secondary, and 65 turns of 36 d.s.c. for the reaction.

**MILLIMETRE (Gore).**—When will the a.c. version of the Outspan Five be published?

A.: We do not know.

2. What would be the most suitable valve in the last stage with two 224 rf. and two 227 det. and 1st audio in use?

A.: One 245. If you want an a.c. circuit of the "Outspan Five" type, look up this year's "Radio Guide" and you will find information that will interest you, under the heading of "The Radiogram Five."

**ADAPTOR (Invercargill).** I purpose building the super het. a.c. short-wave adapter described in the 1931 "Guide," but notice that certain of the values are not specified. Please furnish.

A.: We reproduce the circuit with full details. This also answers the question of "Perplexed" (Putaruru).

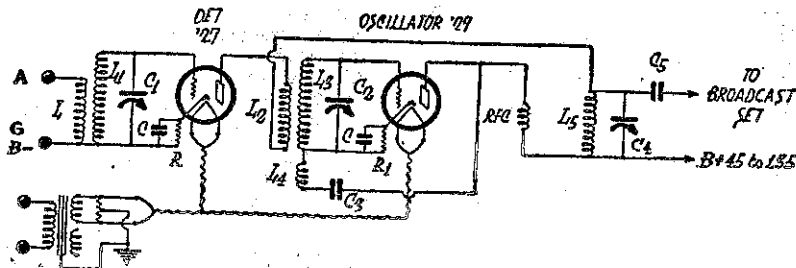
2. Would this adapter give good speaker volume on shortwave when used with a midget set?—Yes, it would be quite satisfactory.

**CONTROL (Waikato).** My set after going for about 10 minutes cuts off, but when I switch it on again it goes, but erratically. The filaments are still alight when the set is off. On taking the set to an expert he could not locate the trouble.

A.: It is rather strange an expert could not locate a trouble such as this. It may be anywhere, and it is difficult to tell you by correspondence where to look. Probably it is due to a loose connection or a puncturing condenser. It may even be in the speaker. One of these times when it is on take off your aerial lead and touch it to the post and note if the set recommences. The trouble may possibly be due to your aerial and earth shorting. Such a very simple thing can very often cause a great deal of trouble. Examine your earth and make quite certain it is all right. When the set has stopped pull out the last valve and see if there is a pop in the speaker. If there is go backwards, noting which valve you can pull out without causing a pop. This indicates that the trouble is in the circuit of that valve, and it will probably be beyond your ability to repair, necessitating the aid of an expert. However, having located the trouble, get in touch with your expert, tell him you have found out what is wrong with it, and ask him to put it right.

**THIRD Grid (Gymouth).** In answer to my query regarding the purpose of the resistance in "A" lead of the h.f. valve of the Radiogram Five, you state that its purpose was to provide bias for the H.F. valve. I fail to see this, because it would act as an extra resistance in series with the rheostat and just cut down the filament voltage.

A.: By doing so it creates a difference in potential between the filaments and the grid which is an earth potential. You



Circuit Diagram of S.W. Adapter.

L., L1—1st Det. Coils.

L2, L3, L4—Oscillator Coils.

RFC.—Radio Frequency Choke.

T.—Filament Transformer.

R.—5000 ohms Variable Resistance.

R1.—1500 ohms Resistance.

R2.—40 ohms Resistance.

C.—.1mfd. By-pass Condenser.

C1, C2.—.00014mfd. Tuning Condensers.

C3.—.0005mfd. Condenser.

C4.—.0005mfd. Semi-variable condenser.

C5.—.00005 to .0001mfd. condenser.

see there is a difference in potential on each side of the resistance; the side nearer the valve being at a higher potential than that near the earth. Therefore, the filament is at a higher potential than the grid, which is what we want for bias.

2. You state the characteristics of the Ceco pentode given in the "Guide" are correct, but I fail to see how a valve with an impedance of 5000 and amplification factor of 575 can possibly have a slope of 2000 mhos.

A.: That is a nasty one all right, and it is a case of our middle stump being sent spinning down the field. Perhaps these characteristics will suit you better. The impedance of the Ceco pentode is 300,000 ohms.

1. IF direct current were put across the heater of the cathode type a.c. valve, would everything, particularly the free bias, by means of a resistance between cathode and earth, be satisfactory?

A.: Yes; but it would take a very heavy toll of your battery.

2. Does "double tuned i.f. stages" signify that both beat frequencies are tuned and amplified instead of one as used to be the case?—Yes.

3. How can the load impedance be calculated in (a) resistance capacity coupled (b) direct coupled set? I am wondering if the optimum gain could be obtained from a valve with, say, a 50,000 ohms impedance by having a high plate resistance, and using a higher "B" to overcome the increased resistance.

A.: The load impedance in resistance capacity coupled sets is equal to the value of the resistance connected in the plate circuit. This should be considerably higher than the impedance of the valve. In direct coupled stages the impedance is automatically matched, and you do not have to worry about it, providing you get your constants correct. As you suggest, it is better to use a high value grid leak with a plate resistance detector, and increase your "B" in order to get the plate voltage at working value.

**A.E.C. (Auckland).**—Would it be possible to use a shortwave adapter in my all-electric receiver? Could it be plugged into the detector valve?

A.: Yes; both adapters and converters are used. Convertors are applied between

the aerial and the set and the adapter used in the detector socket. Both are obtainable commercially.

**MIDGET (Lower Hutt).** I have a midget five-valve s.g. set, and am employing an aerial 125ft. in length, 33ft. high at one end, and 25ft. the other. Would raising the aerial by another 10 feet and shortening it by, say, 40 feet, (a) reduce the rather broad tuning of 2YA, (b) reduce or increase the present distance-getting capacity of the set?

A.: We are inclined to think it would reduce the broad tuning of 2YA, but it is possible it would decrease the distance-getting abilities of the set. The 10 feet increase in height is a splendid idea, but the shortening by about 40, while greatly improving the selectivity, would no doubt adversely influence the DX ability.

2. On removing the earth altogether no difference is apparent either in local or distant reception. What is the explanation of this?

A.: It is quite common with a.c. sets. You are getting your earth return through the electric mains.

**POWER (Auckland).** I have an aerial 30ft. high, 90ft. long, including lead-in. Would a copper ball 6in. in diameter be any better?

A.: Certainly not. There is very little that can equal a good aerial such as you are using.

2. Please supply information as to the kind and size of outside aerial that will be suitable for short-wave work.

A.: Yours is excellent. The only thing to watch in a short-wave aerial is not to get it too long.

3. How far away would a short-wave station have to be before it was audible on a small speaker worked from a two-valve short-wave set?

A.: On a two-valve short-wave set you will possibly get fair speaker results from the N.Z. amateurs, 2 and 3ME, possibly POJ, and America, but they will be rather weak, we are afraid. You can rely on getting only the New Zealand hams on the speaker, and perhaps Saigon if it is coming in well.

**W.E.A. (Auckland).** Is an aerial 50 feet high and 50 feet long, double wire, spaced 6 to 8 feet, better than a single wire aerial of the same length and height?

A.: No. There is very little to be gained by increasing your aerial more than 100 feet for a set of the type we note you are using. Such would possibly improve a crystal set, but it would have a detrimental effect on a multi-valve set.

2. What is conductance and how is it measured?

A.: Conductance is the ability of a conductor to carry an electric current. It is measured in mhos, and is the opposite of resistance. Mho is the reciprocal of an ohm. Conductivity is equal to 1 divided by the numbers of ohms resistance. The word mho is formed by spelling the word ohm backwards.

3. Would a condenser of approximately 1 mfd. inserted in the earth lead have an effect upon static discharge caused by a leak in the tramways system?

A.: We are afraid not.

**A.S.H. (Balclutha).** I have built the Ranger Two and met with great success, having logged all the main N.Z. stations, several Australians, and 2 Americans and Japanese. I would like particulars of shortwave coils.

A.: Adapting the set for shortwave would entail more than making shortwave coils. You would have to use a series condenser with the tuning condenser, and, having done this, you could then construct the regeneration coil described for the Kestrel Three. You would couple the aerial to the grid of the shortwave coil through a neutralising condenser such as shown in the s.g. stage of the "Kestrel Three."

**T.P.G. (Waipukurau).** I am having difficulty in obtaining valves for my Cossor set. Could I use Mullard? If so, are the following correct: PM12, PM1A, PM252?

A.: Yes, they would be all right, but we suggest you use PM2 instead of the PM252. It will give you greater lift. Don't forget to ask for English valve bases when you get your valves.

**WIRELESS (Dunedin).**—I have built the "Ranger Two," but cannot get it to oscillate on frequencies between 1YA and 3YA?

A.: Take off 4 or 5 turns from the aerial coil and you will find it will oscillate satisfactorily.

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# The "KESTREL THREE"

Continued from Last Week

By the Technical Editor

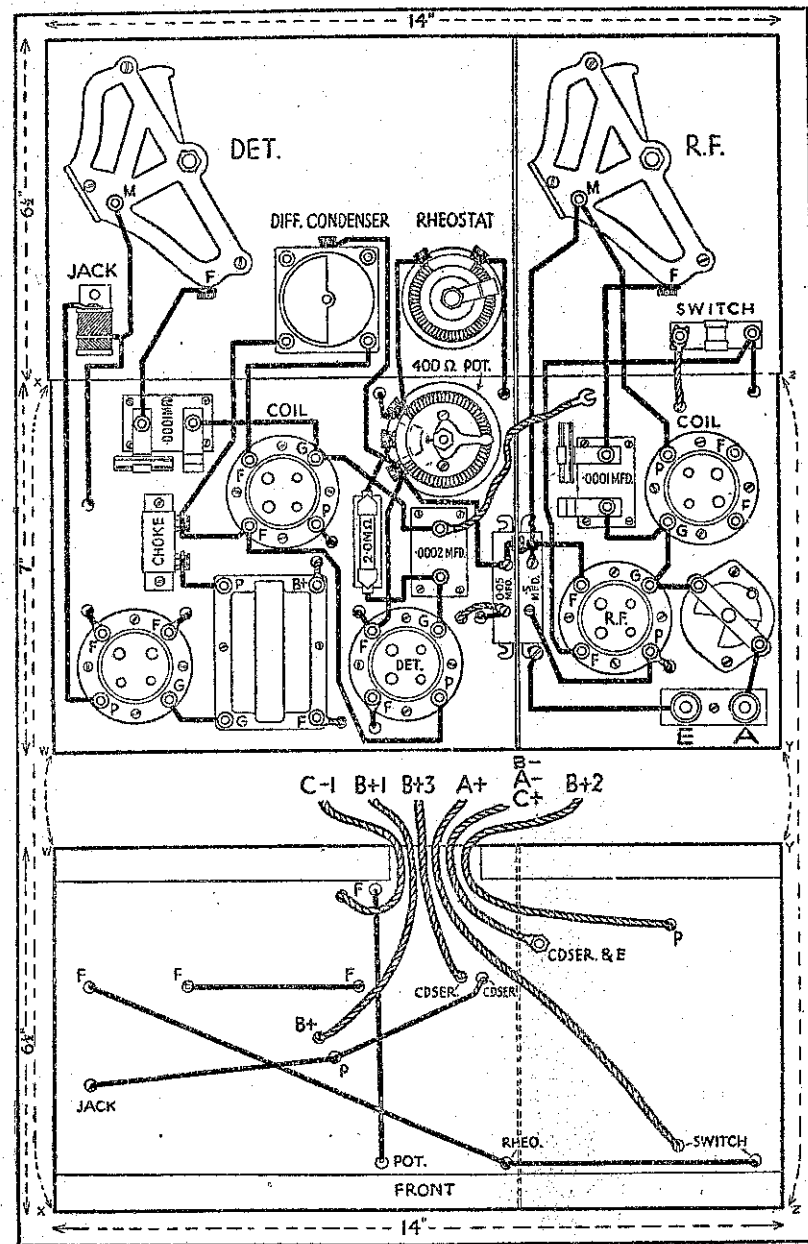


WHEN all the components are in position and firmly screwed down to the baseboard, and the panel mounted in position, we are ready for the wiring. Now, just before commencing the wiring, check over the position of all the components to see that they are right. Make quite certain that all the holes indicated on the layout have been drilled. Probably by now those who have had a little experience in construction will prefer to go on without further comment, but just in case someone who does not know too much about construction is building the set, we will detail the wiring from point to point.

From the aerial terminal take a short wire to the moving plate of the midjet condenser. The fixed plates are connected with "G" of the valve socket, with "G" of the coil socket, and with one end of the .0001 fixed condenser. The other end of this condenser is connected with the fixed plate of the r.f. tuning condenser nearby. Two wires go from the moving plates of this condenser, one to "P" of the coil socket and the other to the .5 mfd. fixed condenser. A hole must be drilled in the shield just above this connection and a bolt passed through it with a solder lug on either side. This terminal of the condenser must connect to earth. Now join the solder lugs to the condenser. From this same point a wire goes to "F" of the valve socket. The free side of the .5 mfd. condenser connects with "C" of the valve socket, but there is also another connection to go underneath the baseboard, which we shall make a little later. Connect "F" of the valve socket (that of course is a free guess) to the right-hand side (that is, when you are looking at it from the back) of the switch. The wire from here will also go under the baseboard, but we will talk of that later.

The left-hand side of the switch is left free for the time being. The earth terminal is connected to the screw that is holding the .5 mfd. condenser to the shield. We have now finished the wiring of the radio side. From "P" of the detector socket, a wire runs back to "F" of the coil socket. Another wire goes from this point to one terminal of the radio frequency choke and from this same terminal a wire goes to one of the set of fixed plates of the differential condenser. The grid terminal of the valve socket is connected with one end of the .0002 condenser nearby and with one end of the grid leak. The other end of the grid leak is connected with the centre point of the 400 ohms potentiometer. The free terminal of the .0002 fixed condenser is connected with "G" of the coil-holder and through the screen to the plate of the screen-grid valve. As this is not in position, leave a fairly long length of flex connected with this point on the .0002 condenser. We will have more to say about this connection later on.

Another wire is taken from "G" of the coil-holder, and this time it goes to the near end of a .0001 condenser, the other of which connects with the fixed plate of the detector tuning condenser. The moving plates of the detector con-



denser connect with the lower tag of the phone jack. There is also another connection from this point, but we will come back to this.

The side of the 400 ohms potentiometer nearest the panel is connected to one of the terminals of the rheostat and the remaining terminal of this potentiometer is connected to three places, first to the moving plates of the differential condenser, secondly to the nearer terminal of the .05 by-pass condenser and thirdly to "F" of the detector valve socket which has also a connection going underneath the baseboard. It will be noticed that near the connection we made to the .05 condenser there is another bolt with a solder lug, so we connect this terminal of the condenser to

this solder lug. If we now turn our attention to the radio frequency choke, we will see that there is one terminal not yet used, so we connect this with "P" of the transformer, although we connect "G" of the transformer to "G" of the audio valve socket. "P" of this valve is connected to the top terminal on the phone jack. We are now ready to complete the set with the under baseboard wiring.

We shall start at the switch. Pass a wire through the hole on the right hand side of the switch (looking from behind), and take this along to the hole underneath the free terminal of the rheostat, and connect it to this. Also

to this terminal join another wire, pass it through the same hole underneath and run it along to the "F" terminal of the audio valve. There are two "F" terminals, and if they are marked positive or negative, connect it to the positive terminal, that is, the one on the left-hand side at the back. The other "F" terminal of this valve socket is connected through a hole to "F" on the detector valve. One "F" is free and the other has a wire going to the potentiometer, so we join this wire to the one that has already a wire joined to it. This, by the way, is "F-." The only free terminal on the detector valve socket is "F+," and this goes through the hole to the terminal of the 400 ohms potentiometer nearest the panel.

This, you will notice, has already been joined with the rheostat. Another connection goes from the lower tag of the phone jack to the plate terminal of the detector coil holder, and another wire goes from this point underneath the baseboard to the free terminal of the .05 mfd. condenser. This completes the under-baseboard wiring, with the exception of the battery cable. To make a neat job of this, cut out a piece of the flap supporting the baseboard, just sufficient to allow the cable to fit in without lifting the set off its base. Then screw a piece of metal across to hold it in position. Slip eight or nine inches through, cut away the braid for about nine inches, and take one strand through the hole underneath the left hand terminal of the switch. This is "A+," and should be the red wire. The black wire is "A-" and must connect with one of the bolts that hold the screen to the baseboard. If you have followed the diagram there will be one just handy. The brown wire in the cable goes through the hole to the plate of the r.f. valve and connects with that terminal.

The blue or green wire goes through the baseboard and connects with "F" of the audio transformer. This will be the grid-bias connection. The brown wire is taken to the other hole near the audio transformer, and is connected with "B+." The remaining strand in the cable is taken through the hole near the .05 mfd. condenser and connected with the terminal on which there is already a wire going underneath the baseboard. This is the rear terminal, and connects with the lower tag on the phone jack and with the coil base. We have now almost finished, but shall make a few comments about the connection to the top of the screen grid valve. This must go through the screen. Although, if you drill an 1-Sin. hole and pass through a fairly heavily-covered flex you will get quite satisfactory results, yet we have found the best plan is to use specially armoured cable to make this connection. Short lengths of about four or five inches with a terminal at each end are available, and if a threaded bush is used a very neat job can be made of fitting this through to the hole in the screen. A connecting wire can then be fitted between the panel side terminal of the grid condenser and the terminal on the connector. The other side will have a spade terminal fixed to it, and will be used for connection with the plate of the screen-grid valve.

## The Coils.

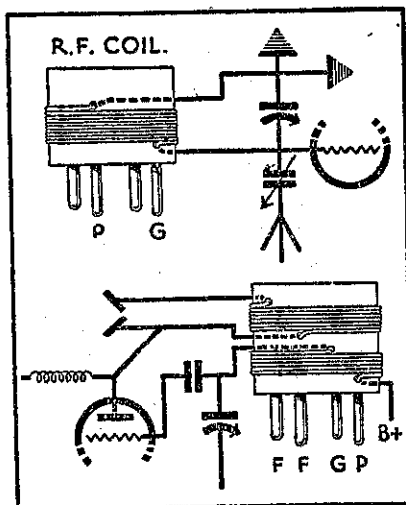
We are now ready to make the coils. For the broadcast band we are going to use 2in. former and valve bases for the short-wave. Mounting a two-inch former on valve bases will present somewhat of a problem, but there are several ways of tackling it. One way, and probably the best, is to have or cut a disc of three-ply which will just fit into a 2in. former. Place this over a valve socket and mark the position of the four terminals. Now drill through with a 1/8-in. drill and fix into those holes four valve pins. These can be prised out until they fit the holes tightly.

If you are using American bases you will find it a little difficult to make the thin pins fit the larger large hole in the base comfortably, but if you use English bases you will have no difficulty. Furthermore, the use of English bases for the coils precludes any possibility of your putting the valve in the place that is intended for the coil. To do this would mean the ruination of your valves, and if you put the coil in the valve socket, the ruination of your battery. The moral is, be careful. It is better to paint the two coil bases a conspicuous colour so that you cannot make any mistake. Another method, instead of fitting valve pins, is to cut an ordinary valve base crosswise, so that only a quarter of an inch or so is left above the four pins, and then screw this to the disc of three ply in such a manner that the hole in the three ply corresponds with the pins. The disc can be held into the former either by screws or by thin brads. Fix in position temporarily. It will have to come out again, so do not make a good job of it. Identify each pin of the valve base by pushing it into a holder and marking the terminals in pencil on the former. By doing this you will bring the end out to the right terminal.

We will explain the making of the coils using the measurements system, as it is much to be preferred. Three-eighths of an inch above the plate terminal drill a small hole, and 1 1/2 in. from the bottom and immediately over the grid terminal drill another hole: 2 1/2 in. over "F+", another hole, and the last, 3 in. above "F—" prong. These instructions, of course, are for the regeneration coil. Take out the valve base and thread the 26 d.s.c. wire through the lowest hole and slip the former on to a winder. If a solid

wooden core is used as a former, tin-tacks can be pushed through the hole and the wire can be twisted round them.

Commence winding with the 26 d.s.c. and continue until the next hole is encountered. Make the wire fast to this, or to a tack, and commence winding with 30 gauge wire immediately above it. Finish up to the top hole. If you wish to wind the coil by hand and count the turns you will find the numbers in the accompanying panel. You proceed with the r.f. coil in the same manner as before, but it is necessary to drill two holes only in the threeply disc. That is the hole over the plate



at the grid. Take your 2in. former and 3-16in. above the grid terminal drill a hole. The next hole is 3 1/2 in. above the plate prong. Wind this space with 24 d.s.c. wire. Note particularly that the grid terminal connects with the bottom of the coil; it is unusual, but it is absolutely necessary in this circuit.

Your coils are now made and you must assemble your batteries. Of course most constructors will use what they have on hand, but we recommend two 60-volt batteries for the "B," and either two, four or six-volt "A" supply, and nine-volt grid bias. For this circuit you can use the new 230 type valve and an air-cell or the 230 type with an ordinary two-volt accumulator or dry cell. If you use dry cells you had better get a voltmeter from somewhere and put in a resistance until the voltage is down to two. The rheostat will not control voltage on all the screen grid valves, so if a battery in any way higher than the valves used is employed, the voltage must be broken down with a suitable resistance. A ten ohms rheostat would probably be sufficient for most purposes. "A—", "B—", and "C+" are connected together.

The connections to the battery are made in the usual manner. You will find the detector will work best with from 22 1/2 volts to 45 volts on the plate. The detector connection goes to "B" of the audio transformer and in our description, we called it the brown wire. The highest voltage, 120, can go to the plate of the r.f. valve and to the plate of the power valve. In our description it was the white wire and went to the top of the .05 condenser.

The screen voltage must be half that of the plate, so if you use 120 on the plate you must use the 60 terminal tap

for the screen voltage, that is, the one going to the plate of the valve-holder, and which, in our description, was brown. If you have an old valve handy, one in which the filament lights up but the emission of which is gone, put it in each of the three sockets in turn and turn on the switch. The filaments should light up in each. If it does not you will know that you have made a mistake in the filament wiring somewhere. If it flashes out, then you will know that you have done the same thing, but be very careful before you put in the actual valve.

A fuse can be fitted to this circuit between "A—" and "B—". If this is done, separate connections must be made to "A—" and "B—". "B—" is not connected to "A—" as was recommended for the usual set, but to one side of the fuse. The other side of the fuse is connected to "A—". Thus the only way the "B" current has of getting back to negative is through the fuse. If you install a fuse read over what we have said about "A—" and "B—" before you put it in. You can quite easily put it in wrongly and pass all your "A" current through it. Assuming that the valves light up, you can rest assured that your voltage is correct as far as the filament is concerned, and can put your valves and get work. If it does not go we cannot tell you what is wrong. Just look round and check up everything until you find the mistake.

By turning over the differential condenser you will get the set to oscillate. Adjust the potentiometer until reaction is smooth. By turning it toward the positive side the set will become very active and probably plop-py. Turning toward the negative deadens it, so that an intermediate point will give you the best reaction. The set, if constructed to design, will not be unstable. If it is, make quite certain that the high potential end of the r.f. coil is nearest the base—that is the one that is connecting with "G" of the valve socket. This connects with "G" of the valve and the aerial. It must be the lower end. The other side connects to earth and is uppermost. This reverses the field

and prevents interaction—otherwise you will never get the set stable. You will find that you will have to alter the midget condenser in the aerial to get best results. Do not leave it out, thinking you are going to get still stronger results than we have ourselves obtained. You may get yourself into trouble if you do so because the set will probably radiate. Furthermore, it will be unselective.

Now, while we are on the subject of selectivity, we might mention that this set is not selective. We do not know of any single stage of screen grid that

## Short-Wave Coils

80-metre band, 24 d.c.c. wire valve base. Aerial 20. Detector, grid coil 20, regeneration 9.  
40-metre band, 24 d.c.c. wire valve base. Aerial 12. Detector, grid 12 regeneration 7.  
20-metre band, 24 d.c.c. wire valve base. Aerial 6. Detector, grid 6, regeneration 4.

is, unless it uses a pre-selective circuit such as a band-pass filter, and the cost of this does not justify inclusion. If you wish to separate the local station, use a wavetrap. It will be quite effective and will do the job well.

On shortwave the set is as selective as is desired, the midget condenser in the aerial having the required effect.

## Tips and Jottings

If you are making a set in which a tuning coil is placed somewhere near to a screen, be very careful to see that you keep it the correct distance from the screen, for if it is too close you are almost certain to lose selectivity.

FAILURE in soldering is often due to a dirty iron, to an iron which is too cool, or to dirty wires or terminals.

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# FEATURE PEEPS

... at ...

## FUTURE PROGRAMMES

### SUNDAY From 1YA

A PORTION of the organ recital to be given by Mr. Maughan Barnett in the Auckland Town Hall during the afternoon, will be relayed. In the evening, the divine service to be conducted in St. Mary's Cathedral will be broadcast.

Afterwards the Municipal Band concert in the Town Hall will be relayed. The band items will include the march "Tarifa," the overture to "Martha," a Beethoven symphony, a Liszt rhapsody, and Baynes's "Supplication," which comprises the following:—"By Babylon's Wave," "The Better Land," "Lead Kindly Light," "Hear My Prayer," and "Abide with Me."

### Wellington Notes

DURING the afternoon a rally of the Inter-Bible Class Movement, to be held at Lower Hutt, will be broadcast, while the evening service to be conducted in the Terrace Congregational Church will be relayed. The preacher will be the Rev. H. W. Newell and the organist and choirmaster Mr. Harry Brusey. At 8.15 p.m., approximately, a concert by the Wellington Municipal Tramways Band, under the conductorship of Mr. E. Franklin, will be relayed from St. James Treadwell.

### From 3YA

THE Rev. O. Fitzgerald will be the preacher at Holy Trinity Anglican Church, Avonside, when the service will be broadcast. Mr. Arthur Lilly, A.R.C.O., will be the organist and choirmaster. The after-church studio con-

cert will be contributed by Miss Frances Hamerton (soprano), the New Lyric Quartet, and the Studio Octet under Mr. Harold Beck. The quartet consists of Messrs. H. Blakeley, S. J. Andrews, R. Lake, and W. J. Richards. Some fine concerted numbers will be sung, including the negro spiritual, "Steal Away to Jesus."



MRS. F. EVANS.

A well-known Auckland soprano, who will sing several lyrics on August 2.  
—S. F. Andrew, photo.

### Dunedin Notes

THE service conducted by the Rev. D. C. Herron in Knox Presbyterian Church will be broadcast. The choir-master is Mr. C. Roy Spackman. A relay of the 3YA concert will follow.

### MONDAY

#### Wellington Notes

THE 2YA talks will be: At 11.12 a.m., Miss Christian, "Cooking"; at 11.37, a talk by a representative of the Red Cross Society; at 7.40 p.m., Mr. H. C. South will give his forthrightly talk on "Books—Grave and Gay."

The "Musical Portrait" series will be continued by Mr. Ernest Jenner, who will present, with Miss Ava Symons, another aspect of Beethoven's genius, the famous "Kreutzer Sonata." He will also play selections from Beethoven's piano works.

Mr. Denis Sheard (tenor) will sing the "Flower Song" (from "Carmen") and "Vesti la Giubba" (from "I Pagliacci") with orchestral accompaniment, besides two light numbers. Miss Joan Percy, a soprano from Masterton, will contribute two ballads, and Miss Mary Bald will sing two contralto songs. An interesting item will be the performance on two cellos of part of one of Handel's Sonatas. This will be played by Miss Kathleen Goodson and Mr. Claude Tanner. The Orchestra, under Signor A. P. Truda, will play some fine items, including a symphony by Mozart.

### From 3YA

MR. E. E. WILTSHIRE'S review of the month's books will be broadcast.

The evening programme will be somewhat out of the ordinary. It will be a "Military Night," and massed trumpeters will open proceedings with the "Reveille." During the evening they will also sound the "Retreat" and as a finale to the evening's concert they will sound the "Last Post."

Two bands—those attached to the Canterbury Yeomanry Cavalry and the First Battalion of the Canterbury Regiment—will contribute to the programme, and some of Christchurch's finest vocalists will sing. Mr. J. R. Lester and Mr. Harold Shaw will give elocutionary numbers and will present a sketch, "The New Recruit." Mr. Harold Prescott, tenor, will sing "The Veteran's Song" and he will share with Mr. W. Toomey, the presentation of two duets, "Flow Gently Deva" and "The Battle Eve." During the evening a talk on the new Territorial Defence scheme will be given.

## The Week

Beethoven's "Kreutzer Sonata"

2YA, Monday.

"Military Night"

3YA, Monday.

Grammar School Concert

1YA, Wednesday.

"Elijah"

3YA, Wednesday.

Wellington Symphony

Orchestra

2YA, Saturday.

### Dunedin Features

A TALK on "Safety First," by Mr. H. Halliday, speaking under the auspices of the Otago Motor Club, will be broadcast.

The subject of the lecturette during the International Programme will be "Education for International Understanding." The speaker will be Mr. Frank Milner, C.M.G.

### TUESDAY

#### Auckland Notes

THE weekly afternoon talk on dieting and health will be given by Mrs. Les. Crane. At 7.40 p.m. "Sparwood" will continue his series of lecturettes on dogs.

The speaker for the International programme will be Mr. Julius Hogben, LL.B., lecturer on International Law at Auckland University. He will speak on "International Copyright Law."

### 2YA Features

A T 11.12 a.m. there will be a lecturette on "Fabrics and Fashions." The weekly educational session will be



R. B. MACDONALD.

A fine bass, singing from Dunedin on August 4.

—J. Webster, photo.

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broadcast from 2 p.m. till 3 p.m., and at 7.40 a lecturette for the man on the land will be given by a representative of the Department of Agriculture.

A concert from the Concert Chamber of the Town Hall by the pupils of the Marist Brothers' School, Tasman Street, in conjunction with the Salon Orchestra, will be relayed.

The choral singing is divided into two sections, junior and senior, and in both the work accomplished by the boys under the tuition of the Marist Brothers is of a very high standard, and should prove of an interesting and entertaining nature. The Salon Orchestra, under Mr. M. T. Dixon, will play the overture "Hibernia Fantasia," the selection "Strauss Bouquet," "Londonderry Air," "Martial Moments," and the Sousa "High School Cadets."

#### 4YA Notes

THE second of the series of talks on "The Trend of Events in the next Century," will be broadcast by Mr. G. McCracken, under the auspices of the W.E.A.

Under the conductorship of Mr. James Dixon, the St. Kilda Band, assisted by 4YA artists, will provide the evening's programme. The band's items have been well selected, and will include a cornet solo, "Il Bacio," played by Mr. W. Barke, and a trombone solo, "The Switchback."

### WEDNESDAY

#### Auckland Features

AS usual, 1YA will relay from the Town Hall the midday community singing. The annual concert of the Auckland Boys' Grammar School, to be given in the Town Hall, will be broadcast by 1YA.

#### Notes from 2YA

THE morning session will include a lecturette by Miss Flora Cormack on "Hollywood Affairs." At 7.40 p.m. Mr. A. E. Wilson will talk about "Tourist and Health Resorts." Dr. Guy H. Scholefield, O.B.E., will be the lecturer during the international programme at 2YA.

#### 3YA Items

MEDELSSOHN'S oratorio, "Elijah," to be presented in the Civic Theatre by the Royal Christchurch Musical Society, will be relayed. The oratorio will be presented with full grand chorus and orchestra, under the conductorship of Mr. W. H. Dixon, L.R.A.M., A.R.C.M.

#### From Dunedin

THE Home Science Extension Department of Otago University will be broadcasting an afternoon talk on "Milk—What are Milk Parlours?" 4YA's studio concert will be provided by Anderson's Bay Orchestra, conducted by James Clark, 4YA vocal artists also contributing.

### THURSDAY

#### Soup Recipes

THE afternoon home science talk from 1YA, 2YA and 3YA, prepared by the Home Science Extension Department of Otago University, will be on "More Soup Recipes."

#### 1YA Notes

FROM the Lewis Bady Hall a concert by the Aeolian Orchestra, under Mr. Gerald T. Lee, will be broadcast on relay by 1YA.

#### Items from 2YA

FEATURED on the evening programme will be Rex Harrison, baritone, who will sing four very popular songs: "I Am a Friar of Orders Grey," "Vulcan's Song," "The Crescent Moon" and "The Lute Player." Also included on the programme will be other well-known 2YA artists.

#### Items from Christchurch

DURING the international programme Mr. Leo Lawn, M.A., of Canterbury College, will speak on "Manchuria."

### FRIDAY

#### Notes from 1YA

MR. R. G. FALLA, M.A., will talk on "New Zealand Bush Birds"—a lecture under the auspices of the



PHYLLIS JAMES.

A charming Auckland contralto, singing on August 7.

—S. P. Andrew, photo.

New Zealand Native Bird Protection Society. An interesting item on the programme will be "The Story of the Cutty Sark," as told by "Lee Fore Brace." Reg. Morgan and his orchestra will provide the greater portion of the concert programme. Solo items will be contributed by saxophone and violin, while Mr. Morgan will be heard in two baritone songs.

#### Selection from 2YA

THE Lyric Quartet of male voices and Ella Fair will provide the vocal portion of the programme. The quartet numbers will be specially fine and numerous duets and solos will also be sung.

#### Notes from 3YA

SPEAKING under the auspices of the Canterbury Manufacturers' Association, Mr. J. R. Hayward will broadcast a talk on "New Zealand Industries."

3YA will broadcast a ringside description of the finals of the New Zealand Amateur Boxing Championships, to take place at Ashburton.

#### Jottings from Dunedin

THE Regal Four will provide the vocal portion of the musical programme and will be heard in many popular numbers, including such old favourites as "Camptown Races," "Old Kentucky Home," "The Mocking Bird" and "Canadian Boat Song." During the evening there will be a brief talk about Admiral Blake, appropriately introduced by the singing of "The Admiral's Broom" by Bert Rawlinson. Humorous recitations will be given by Miss E. M. Holland. On the instrumental side of the programme will be a trio (Messrs. Pettitt, Hunter and Law) and a novelty quartet playing the latest popular melodies.

### SATURDAY

#### Auckland Notes

TWO stirring martial poems will be heard—"The Charge of the Light Brigade" and "The Field of Waterloo"—both to be recited by that fine elocutionist, J. M. Clark. Included also on the programme will be Laetitia Parry, the well-known soprano, Everell Orr (baritone), Charles Boys (playing popular and old-time melodies on his concertina) and the Orchestral Octet.

#### Selection from 2YA

AT 7.40 p.m. Mr. A. E. Campbell, M.A., Lecturer in Education at Victoria University, will broadcast from 2YA a lecturette entitled "Make-Believe in Childhood."

2YA will relay from the Wellington Town Hall a concert to be given by the Wellington Symphony Orchestra. The overture to "Merry Wives of Windsor," "Symphony in D Minor" (by Caesar Franck), "Concerto for Organ and Orchestra in B Flat" (the soloist being Bernard F. Page), "Waltz" from "Rosenkavalier" and "Caprice Italien" will be played. The vocal soloist will be Rex Harrison (baritone), who will sing "The Toreador Song" (from "Carmen") with orchestral accompaniment.

#### Items from Christchurch

THE official opening of the Winter Show in King Edward Park Racks will be broadcast by 3YA.



MRS. D. CARTY.

Listeners to 4YA need no introduction to this well-known soprano, who will be on the air again on August 4.

Photo, Artite.

The newly formed Salon Orchestra, under Francis Bate, will make its first appearance, presenting a popular programme. Elaine Moody's Hawaiian Quartet with steel guitars and ukulele will also contribute to the programme, which will be relayed to 4YA.

### Radio Aboard the Do-X

THE remarkably compact radio apparatus on board the Dornier X, Germany's monster flying-boat, includes two transmitters and a multi-range receiver to maintain contact with ship and shore stations.

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WELLINGTON

Day and Night Service



# Full Programmes for Next

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

## Sunday, August 2

### 1YA, AUCKLAND (900 KILOCYCLES)—SUNDAY, AUGUST 2.

- 3.0 : Chimes. Selected recordings and relay of portion of the Organ Recital from the Auckland Town Hall by the City Organist, Mr. Maughan Barnett.
- 6.0 : Children's Song Service, conducted by Uncle Bert.
- 7.0 : Relay of Evensong from St. Mary's Cathedral. Preacher, Canon Wm. Fancourt. Organist and Choirmaster, Mr. Edgar Randall.
- 8.30 : Relay of Municipal Band Concert from the Auckland Town Hall, under the conductorship of Mr. George Buckley.
- March—The Band, "Tarifa" (Stopford); overture, "Martha" (Flotow).
- Cornet duet—Messrs. F. Bowes and J. Davies, "The Swiss Boy."
- Symphony—The Band, "Symphony No. 1" (Beethoven).
- Flute—Mr. Hal O. McLennan, "The Wren in the Poplars" (Adams).
- Rhapsodie—The Band, "Hongroise No. 6" (Liszt).
- Selection—Band, "Supplication" (Baynes).
- Synopsis—"By Babylon's Wave" (Gounod); "The Better Land" (Cowen); "Lead Kindly Light" (Sullivan); "Hear My Prayer" (Mendelssohn); "Abide With Me" (Liddle).
- 10.0 : God save the King.

### 2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, AUGUST 2.

- 3.0 : Afternoon session of selected gramophone recordings.
- 6.0 : Children's Song Service, conducted by Uncle George, and assisted by the Children's Choir from the Cambridge Terrace Congregational Church.
- 7.0 : Relay of Evening Service from the Terrace Congregational Church. Preacher, Rev. H. W. Newell. Organist and Choirmaster, Mr. Harry Brusey.
- 8.15 (approx.) : Relay of Band Recital by Wellington Municipal Tramways Band from St. James Theatre (Conductor, Mr. E. Franklin).
- God save the King.

### 3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, AUGUST 2.

- 3.0 : Gramophone recital.
- 5.30 : Children's song service.
- 6.15 : Chimes from studio.
- 6.30 : Relay of Evening Service from Holy Trinity Anglican Church, Avon-side. Preacher, Rev. O. Fitzgerald. Organist and Choir Conductor, Mr. Arthur Lilly, A.R.C.O.
- 7.45 : Musical recordings from studio.
- 8.15 : Studio programme. Selection—Victor Olof Salon Orchestra, "Grieg Selection" (arr. Urbach) (Parlo. A4250).
- 8.23 : Male quartet—The New Lyric Four, (a) "Song of the Bow" (Aylward); (b) "In Absence" (Dudley Buck); (c) "Love's Old Sweet Song."
- 8.36 : Instrumental—Studio Octet (Harold Beck, Conductor), (a) "Hungarian March" (Berlioz); (b) "Overture—Italians in Algeria."
- 8.48 : Baritone—Mr. R. Lake and Male Chorus, with orchestral accompaniment, "The Old Superb" (from "Songs of the Sea") (Stanford).
- 8.52 : Soprano—Miss Frances Hamerton, with orchestral accompaniment, recitative, "Open Unto Me the Gates"; aria, "I Will Extol Thee."
- 8.57 : Cello—Edmund Kurtz, (a) "Mazurka," (b) "Minuet in D Major."
- 9.3 : Evening weather forecast and station notices.
- 9.5 : Instrumental—Studio Octet, (a) "Preamble," (b) "A Norfolk Tune," (c) "Jig" (Cunningham Woods).
- 9.12 : Tenor—Mr. S. J. Andrews, with orchestral accompaniment, "The Promise of Life" (Cowen).
- 9.16 : Male quartet—The New Lyric Four, (a) "Stars of the Summer Night" (Cruckshank); (b) "Rocked in the Cradle of the Deep" (Knight).
- 9.22 : Violin—Alexander Sebald, (a) "Military Caprice No. 4" (Paganini-Sebald); (b) "Obertass Mazurka" (Wienawski) (Bruns. 4225).
- 9.28 : Soprano—Miss Frances Hamerton, with orchestral accompaniment, "Ah Je Veux Vivre" (Waltz Song from "Romeo and Juliet") (Gounod).
- 9.33 : Instrumental—Studio Octet, (a) "La Fenetre D'Amour" (De Severac); (b) "Tempo di Minuetto" (Beethoven); (c) "Spanish Dance."
- 9.44 : Bass—Mr. W. J. Richards, with orchestral accompaniment, "King Charles" (M. V. White).
- 9.48 : Male quartet—The New Lyric Four, negro spiritual, (a) "Steal Away to Jesus" (Trdlt.); (b) part song, "Lullaby" (Brahms).
- 9.52 : Selection—Creator's Band, "Aida," Act 2 (Verdi): (a) "Introduction and Moorish Ballet," (b) "Grand March and Finale" (H.M.V.).
- 10.0 : God save the King.

### 4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, AUGUST 2.

- 3.0 : Selected recordings.
- 5.30 : Children's Song Service, conducted by Big Brother Bill.
- 6.15 : Selected recordings.
- 6.30 : Relay of Evening Service from Knox Presbyterian Church. Preacher, Rev. D. O. Herron, M.A. Choirmaster, Mr. O. Roy Spackman.
- 7.45 : Selected recordings.
- 8.15 : Relay of concert programme from 3YA, Christchurch.
- 10.0 : God save the King.

### 2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, AUGUST 2.

- 6.0 to 6.45 : Children's Sunday Service.
- 8.15 to 10.0 p.m. : Concert programme.

## Monday August 3

### 1YA, AUCKLAND (900 KILOCYCLES)—MONDAY, AUGUST 3.

SILENT DAY.

### 2YA, WELLINGTON (720 KILOCYCLES)—MONDAY, AUGUST 3.

- 10.0 : Chimes. Selected gramophone recordings.
- 11.12 : Lecturette, "Cooking."
- 11.37 : Lecturette, "Health Hints or First Aid."
- 12.0 : Lunch hour music.
- 2.0 : Selected recordings.
- 3.30 and 4.30 : Sporting results to hand.
- 5.0 : Children's session, conducted by Uncle Jeff.
- 6.0 : Dinner music session (H.M.V.)—
- Royal Opera Orchestra, "Sylvia Ballet—Pizzicato and Procession of Bacchus" (Dellbes) (Cl418).
- New Light Symphony Orchestra, "Scene de Ballet Marionettes."
- Royal Opera Orchestra, "The Sleeping Beauty" Panorama.
- National Symphony Orchestra, "Irish Rhapsody" (Herbert).
- Trio—Fritz and Hugo Kreisler, Michael Rauchs, "Sanctissima."
- National Symphony Orchestra, "Orpheus in Hades" Overture.
- Royal Opera Orchestra, "Shepherd Fennel's Dance."
- Zonophone Salon Orchestra, "Narcissus" (Nevin) (Zono. 5370).
- National Military Band, "Lohengrin" Prelude (Wagner) (Zono. A358).
- New Light Symphony Orchestra, "Persiflage" (Francis) (B2754).
- Trio—Fritz and Hugo Kreisler, Michael Rauchs, "Arlesienne Intermezzo" (Bizet, arr. Kreisler) (DB1163).
- La Scala Orchestra, "The Secret of Susanua" Overture (Wolf).
- 7.0 : News session, market reports and sports results.
- 7.40 : Lecturette—Mr. H. C. South, "Books—Grave and Gay."
- 8.0 : Chimes. Overture—Berlin State Opera Orchestra, "Aida" Selection.
- 8.8 : Contralto—Miss Mary Bald, with orchestral accompaniment, "O Mio Dolce Ardor" (Gluck).
- 8.12 : "Musical Portrait" Series.
- Violin and piano—Miss Ava Symons and Mr. Ernest Jenner, "Kreutzer Sonata" (Beethoven).
- 8.33 : Tenor—Mr. Denis Sheard, with orchestral accompaniment, (a) "Flower Song" (from "Carmen") (Bizet); (b) "I Know of Two Bright Eyes" (Clutsam).
- 8.39 : Cello—Cedric Sharpe, (a) "Consolation" (Liszt, arr. Sharpe); (b) "Chant Sans Paroles" (Tschaiakowsky) (H.M.V. B2487).
- 8.45 : Soprano—Miss Joan Percy, with orchestral accompaniment, (a) "Break o' Day" (Sanderson); (b) "A Heart That's Free."
- 8.50 : Suite—2YA Orchestra (Conductor, Signor A. P. Truda), "Sigurd Jorsalsar" (Grieg).
- 8.53 : Male chorus—Ural Cossacks, "Die Huld Des Friedens" (Fatejeff).
- 9.0 : Evening weather report and station notices.
- 9.2 : Chorus and orchestra—La Scala, Milan, "Cavalleria Rusticana" Introduction (Mascagni) (Parlo. A4134).
- 9.10 : Piano—Mr. Ernest Jenner, "Selections from Beethoven."
- 9.20 : Contralto—Miss Mary Bald, with orchestral accompaniment, (a) "Rose, Softly Blooming" (Spohr); (b) "At Dawning" (Cadman).
- 9.25 : Two cellos—Miss Kathleen Goodson and Mr. Claude Tanner, "Sonata" (Handel); (a) "Andante"; (b) "Allegro."
- 9.33 : Dance—2YA Orchestra, "Scar Dance" (Chaminade).
- 9.37 : Tenor—Mr. Denis Sheard, with orchestral accompaniment, (a) "Vesti La Gubba" (from "I Pagliacci") (Leoncavallo); (b) "The Little Hills" (Gleson).
- 9.43 : Male octet—London Male Voice Octet, (a) "Studies in Imitation" (arr. Hughes); (b) "Keys of Heavens" (arr. Button) (Col. DOX33).
- 9.51 : Symphony—2YA Orchestra, "Jupiter" (Mozart).

# Week-all Stations-to Aug. 9

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

## 10.0 : Dance programme (Brunswick)—

Foxtrots—Jacques Renard and His Orchestra, "The a Little String Around Your Finger" (Simons) (6032).

Nick Lucas and His Crooning Troubadours, "Say Hello to the Folks Back Home" (Lombardo) (6013).

Jacques Renard and His Orchestra, "I Hate Myself."

## 10.9 : Waltz—Jacques Renard and His Orchestra, "Reaching for the Moon."

10.12: Foxtrots—Hal Kemp and His Orchestra, "Think a Little Kind of Me" (Johnson) (6056).

Isham Jones' Orchestra, "I'm So Afraid of You" (Kalmar).

10.18: Vocal—Harry Richman, "When Your Lover Has Gone" (Swan).

10.21: Foxtrots—Isham Jones' Orchestra, "My Ideal" (Robin) (6041).

Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "I Surrender Dear" (Clifford) (6034).

Ben Bernie and His Orchestra, "To-morrow is Another Day." (Green) (4899).

10.30: Waltzes—Nick Lucas and His Crooning Troubadours, "Falling in Love Again" (Hollander) (6048).

Carter's Orchestra, "The Waltz of the Hills" (Fields).

10.36: Foxtrots—Nick Lucas and His Crooning Troubadours, "Lady Play Your Mandolin" (Levant) (6013); "Walkin' My Baby Back Home" (Turk) (6048).

Carter's Orchestra, "When the Bloom is on the Sage."

10.45: Vocal—Harry Richman, "Just a Gigolo" (Caesar) (6052).

10.48: Foxtrots—Hal Kemp and His Orchestra, "I Want You For Myself." Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "To Make a Long Story Short" (Gay) (6034).

Ben Bernie and His Orchestra, "Liza Lee" (Green).

Jacques Renard and His Orchestra, "Heartaches" (Kleener).

11.0 : God save the King.

## 3YA, CHRISTCHURCH (980 KILOCYCLES)—MONDAY, AUGUST 3.

3.0 : Chimes. Gramophone recital.

4.25: Sports results.

5.0 : Children's hour.

6.0 : Dinner music session (Polydor)—

Great Symphony Orchestra, "A Rendezvous with Lehar" (arr. Hruby).

Marek Weber and His Adlon Orchestra, "Lettre a Armand" (Haagman).

Paul Godwin's Orchestra, "Serenata" (Clement) (19623).

Philharmonic Orchestra, Berlin, "Euryanthe" Overture (Weber).

Efim Schachmeister's Orchestra, "Gipsy's Farewell" (Trdl.) (20455).

Philharmonic Orchestra, Berlin, "Tannhauser Grand March" (Wagner).

Marek Weber and His Adlon Orchestra, "Dreams" (Wagner) (19528).

Paul Godwin's Orchestra, "Types Tziganes" (Clement) (19623); "Side-lights Medley" (Morena) (27168).

Efim Schachmeister's Orchestra, "White Acacia" (Trdl.) (20455).

Philharmonic Orchestra, "Prelude to Act 3 Lohengrin" (Wagner).

7.0 : News session.

7.30: Talk—Mr. E. E. Wiltshire, Vice-President of Linwood Library, "Books of the Month."

8.0 : Chimes. Military night—Programme by the Band of the Canterbury Yeomanry Cavalry and Band of 1st Battalion of Canterbury Regiment, supported by leading Christchurch artists.

Reveille—Massed Trumpeters.

8.2 : March—Band of 1st Battalion Canterbury Regiment, "3rd Dragoon Guards" (J. Brophy).

8.7 : Baritone—Mr. T. M. Charters, "Trooper Johnny Ludlow" (J. Temple).

8.11: Selection—Band of 1st Battalion Canterbury Regiment, "La Militaire."

8.19: Tenor and baritone—Messrs. W. H. Prescott and W. Toomey, duet, "Flow Gently, Deva" (Parry).

8.23: Orchestral—Orchestra of London Coliseum, "Leslie Stuart Melodies."

8.29: Humour—Mr. J. R. Lester, (a) "Jones of the Lancers," (b) "The Haggis of Private McFee" (Service).

8.40: Spanish troupe—Band of 1st Battalion Canterbury Regiment, "Toledo."

8.44: Tenor—Mr. W. H. Prescott, "The Veteran's Song" (Adams).

8.48: Chorus—The Roosters' Concert Party, "Y.M.C.A. Concert" (Merriman).

8.54: March—Band of 1st Battalion Canterbury Regiment, "Gladiator."

8.58: Retreat—Massed Buglers.

9.0 : Weather report and station notices.

9.2 : Address—"The New Defence Scheme."

9.17: March—Band of Canterbury Yeomanry Cavalry, "Sons of the Brave."

9.22: Baritone—Mr. W. Toomey, "The Trumpeter" (Dix).

9.26: Elocutionary—Mr. Harold Shaw, "The Country Lad" (Laurenson).

9.31: Selection—Band of Canterbury Yeomanry Cavalry, "Our Soldiers."

9.37: Baritone—Mr. T. M. Charters, "The Adjutant" (H. Fisher).

9.41: March—Band of Canterbury Yeomanry Cavalry, "The Great Little Army" (Alford).

9.46: Tenor and baritone—Messrs. W. H. Prescott and W. Toomey, "The Battle Eve" (Bonheur).

9.51: March—Band of Canterbury Yeomanry Cavalry, "Dunedin" (Alford).

9.55: Military sketch—Messrs. J. R. Lester and Harold Shaw, "The New Recruit" (arr. Lester).

Descriptive—Band of H.M. Grenadier Guards, "Wembley Military Tattoo" (Col. 9073).

10.1 : Last Post—Massed Buglers.

10.2 : God save the King.

## 4YA, DUNEDIN (650 KILOCYCLES)—MONDAY, AUGUST 3.

3.0 : Afternoon session.

5.0 : Children's hour, conducted by Uncle Jack, assisted by Uncle Pete.

6.0 : Dinner music session (Polydor)—

Paul Godwin's Orchestra, "Polish Temper" (Nedbal) (19609).

Paul Godwin's Trio, "For You" (Czibulka); "Melodie" (Denza).

Paul Godwin's Orchestra, "Kismet" (Yamada) (V40261).

Efim Schachmeister's Orchestra, "Dark Eyes" (Schachmeister).

Paul Godwin's Orchestra, "Hearts and Diamonds" (19608).

Paul Godwin's Quartet, "Serenata" (Becca); "Adoration" (Fillipucci).

Polydor Orchestra, "Berlin as it Laughs and Weeps" (Conradi).

Paul Godwin's Orchestra, "Love in Idleness" (Macbeth) (V40261).

Efim Schachmeister's Orchestra, "Kasbek" (Schachmeister) (20453).

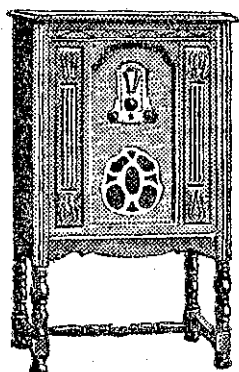
Paul Godwin's Orchestra, "Short, But Delicious" (Schreiner) (19576).

7.0 : News session.

7.40: Talk—Mr. H. Halliday, "Safety First" (under the auspices of Otago Motor Club).

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AUCKLAND

CHRISTCHURCH

WELLINGTON

8.0 : Chimes. Specially recorded international programme.  
Dr. Eugene Ormandy and His Salon Orchestra.  
International Singers.  
Ambassadors of Melodyland.  
Abroad with the Lockharts.  
Evening weather report and station notices.  
Talk—Mr. Frank Milner, M.A., C.M.G., Headmaster of Waitaki Boys' High School, "Education for International Understanding."  
Hy-wide and Handsome.  
Nat Brusiloff and His Lido Venice Orchestra.  
God save the King.

#### 11B, NEW PLYMOUTH (1230 KILOCYCLES)—MONDAY, AUGUST 3.

8.0 to 10.0 p.m.: Concert programme.

## Tuesday, August 4

#### 11A, AUCKLAND (900 KILOCYCLES)—TUESDAY, AUGUST 4

8.0 : Chimes. Selected recordings.  
8.15 : Talk—Mrs. Leslie Crane, "Beauty of Mind and Body in Relation to Diet."  
5.0 : Children's session, conducted by Uncle Dave.  
6.0 : Dinner music session (Polydor)—  
Symphony Orchestra, "Die Fledermaus" (Strauss) (27178).  
Paul Godwin's Orchestra, "Japanese Cherry Blossom Festival" (Yoshitomo) (19747); "Egyptian March" (Strauss) (19647); "The Circus Princess" (Kalman) (19640).  
Ilja Livschakoff and His Orchestra, "Estrellita" (Ponce).  
Paul Godwin's Orchestra, "Japanese Lantern Dance" (Yoshitomo).  
State Opera Orchestra, Berlin-Charlottenburg, "La Gazza Ladra."  
Paul Godwin's Orchestra, "Spring's Awakening" (Bach) (19647).  
Ilja Livschakoff and His Orchestra, "Pas Des Escharpes."  
Paul Godwin's Orchestra, "Third Waltz Medley" (Robrecht) (27177).  
7.0 : News session.  
7.40 : Talk—"Sparwood" of "New Zealand Referee," "Dogs."  
8.0 : Chimes. Specially Recorded International programme.—  
Dr. Eugene Ormandy and His Salon Orchestra.  
International Singers.  
Ambassadors of Melodyland.  
Abroad with the Lockharts.  
Weather report.  
International Talk—Mr. Julius Hogben, "International Copyright Law"  
Hywide and Handsome.  
Nat Brusiloff and His Lido Venice Orchestra.  
God save the King.

#### 11A, WELLINGTON (720 KILOCYCLES)—TUESDAY, AUGUST 4

10.0 : Chimes. Selected gramophone recordings.  
11.12 : Lecturette—"Fabrics and Fashions."  
12.0 : Lunch hour music.  
2.0 : Educational session.  
3.0 : Selected gramophone recordings.  
3.30 and 4.30 : Sporting results to hand.  
5.0 : Children's session, conducted by Uncle Toby and Jumbo.  
6.0 : Dinner music session (Parlophone)—  
Edith Lorand's Orchestra, "Tales of Hoffman" Fantasia.  
Dajos Bela String Orchestra, "Goldregen" (Waldteufel) (A4238).  
Otto Dobrindt and His Symphony Orchestra, "Speak Not of Love Eternal" (Granichstaedten) (A4275).  
Dajos Bela Orchestra, "I Pagliacci" selection (Leoncavallo) (A4090).  
Sandor Joszi Orchestra, "Polo" (Fetras) (A2851).  
Berlin State Opera House Orchestra, "Rustle of Spring" (Sinding).  
Dajos Bela Orchestra, "Delirien" waltz (Strauss) (A4182); "Count of Luxembourg" waltz (Lehar) (A4182).  
Sandor Joszi Orchestra, "Marionette's Wedding March" (Rathie).  
Dajos Bela Orchestra, "Viennese Waltz Potpourri" (Robrecht).  
Berlin State Opera House Orchestra, "Praeludium" (Jarnefeldt).  
Dajos Bela String Orchestra, "Gold and Silver" (Lehar) (A4238).  
Mitja Nikisch and His Symphony Orchestra, "Madelon," dream waltz.  
7.0 : News session, market reports and sports results.  
7.40 : Lecturette by a representative of the Agricultural Department "For the Man on the Land."  
8.0 : Chimes. Relay from the Concert Chamber, Town Hall, of a concert by the pupils of the Marist Brothers' School, Tasman Street, Wellington.  
Overture—Salon Orchestra, (Conductor Mr. M. T. Dixon) "Hibernia Fantasia" (arr. Atkins).  
Choral—Junior pupils, (a) "Fair Shines the Moon To-night" (Verdi); (b) "Soldiers' Chorus" (Gounod).  
Song—Senior pupil, "Amazon" (Eltinge).  
Drill—Junior pupils, accompanied by Salon Orchestra, "Pink Lady Waltz" (from selection, "Pink Lady") (Caryll).  
Violin solo—Master D. Walsh, "Rigaudon" (Teleman).  
Choral—Junior pupils, "The Ragged Vagabond" (Edgar).  
Selection—Salon Orchestra, "Strauss Bouquet" (Strauss).  
Solo and harmonised chorus—"Going Back to Dixie" (White).

Weather report and station notices.  
Entr'acte—Salon Orchestra, "Londonderry Air."  
Choral—Senior pupils, "My Heart's To-night in Ireland" (MS.).  
Humorous elocution—Senior pupil, "Babies."  
Choral—Senior pupils, "Off in the Stilly Night" (Moore).  
March medley—Salon Orchestra, "Martial Moments" (Winter).  
Choral—Senior pupils, "On the Road to Anywhere" (Sanders).  
Chorus—"God Defend New Zealand" (Bracken).  
March—Salon Orchestra, "High School Cadets" (Sousa).  
10.0 : God save the King.

#### 3YA, CHRISTCHURCH (980 KILOCYCLES)—TUESDAY, AUGUST 4.

SILENT DAY.

#### 4A, DUNEDIN (650 KILOCYCLES)—TUESDAY, AUGUST 4.

8.0 : Afternoon session.  
5.0 : Children's Hour, conducted by Aunt Leonora.  
6.0 : Dinner Music Session (Columbia)—  
Venetian Players (String Quintet)—"Romanza and Allegro from 'A Little Night Music'" (Mozart) (Regal G20487).  
B.B.C. Wireless Military Band, "Dance of the Tumblers."  
Organ—Terence Casey, "I'm Lonely" (Coates) (01501).  
Halle Orchestra, "Capriccio Espagnole" (Rimsky-Korsakov) (02912-3).  
Columbia Symphony Orchestra, "Idilio" (Lack) (01076).  
Albert W. Ketelbey's Concert Orchestra, "Cockney Suite": 1. A State Procession; 2. The Cockney Lover (Ketelbey) (05052).  
Debroy Somers Band, "Hungarian Medley" (arr. Debroy Somers).  
B.B.C. Wireless Military Band, "Golliwog's Cake Walk" (Debussy).  
Organ—Terence Casey, "Bird Songs at Eventide" (Coates) (01501).  
Albert W. Ketelbey's Concert Orchestra, "Cockney Suite": 3. At the Palace de Dance; 4. Elegy; 5. Bank Holiday (Ketelbey) (05053-4).  
Columbia Symphony Orchestra, "Spring Song" (Mendelssohn) (01076).  
7.0 : News session.  
7.40 : Talk—Mr. G. McCracken, under auspices of the W.E.A. (Second Talk of Series) "The Trend of Events in the Next Century."  
8.0 : Chimes—Studio Concert by the St. Kilda Band (under Mr. Jas. Dixon), and 4YA artistes.  
March—The Band, "Ravenswood" (Rimmer).  
8.5 : Tenor—Mr. J. Kennedy, (a) "If You'd Love Me" (M'Dermid); (b) "My Heart is a Haven" (Steinel).  
8.11 : Organ—Leo Stin, (a) "The Sea's Surging Devotion" (Gaublier); (b) "La Serenata" (Hiltz) (Poly. 23166).  
8.17 : Scots humour—Mr. James A. Paterson, "I Know a Lassie in O'ld."  
8.22 : Waltz—The Band, "Luxemburg" (Lehar).  
8.30 : Soprano—Mrs. D. Carty, (a) "Old Erin, the Shamrock and You" (Doon); (b) "Auld Scotch Songs" (Bethune).  
8.36 : Novelty—Grinzing Schrammel Trio, (a) "High Up in the Forest" (Kaulich); (b) "Yoslau Babies" (Dietrich) (Poly. 23476).  
8.42 : Selection—The Band, "Ernani" (Verdi).  
8.56 : Bass—Mr. R. B. Macdonald, "Cloze Props" (Charles).  
9.0 : Evening weather report and station notices.  
9.2 : Accordion—Bastien with Bal Musette Orchestra, (a) "The Mill"; (b) "Le Coquette" (Halet) (Poly. 23561).  
9.8 : Tenor—Mr. J. Kennedy, "When Other Lips" (Balfe).  
9.11 : Cornet with band—Mr. W. Barke, "Il Bacio" (Arditi).  
9.17 : Male quartet—The Abels, (a) "Das Lied Von Der Wunder Bar"; (b) "Kannst Du Mir Verzeih'n" (Katscher) (Poly. 23332).  
9.23 : Soprano—Mrs. D. Carty, "The Last Rose of Summer" (Moore).  
9.27 : Selection—The Band, Overture to "Martha" (Flotow).  
9.37 : Scots humour—Mr. James A. Paterson, (a) "Sing Us a Song O' Bonnie Scotland" (Scott); (b) "New Zealand Girls are Good Enough for Me" (Lauder).  
9.45 : Trombone with band—The Band, "The Switchback" (Sutton).  
9.50 : Bass—Mr. R. B. Macdonald, (a) "Big Steamers" (German); (b) "Just Keepin' On" (Phillips).  
9.56 : March—Band, "One of the Best" (Rimmer).  
10.1 : God save the King.

## Wednesday, August 5

#### 11A, AUCKLAND (900 KILOCYCLES)—WEDNESDAY, AUGUST 5.

12.30 : Relay of Community Singing from the Auckland Town Hall.  
3.0 : Selected recordings.  
3.15 : Literary selection.  
5.0 : Children's session, conducted by Uncle Reg.  
6.0 : Dinner music session (Columbia)—  
J. H. Squire's Celeste Octet, "Operatica" (arr. Squire) (DOX62).  
Band—The Bombardiers, "Hungarian Dance, No. 5" (Brahms).  
Orchestre Symphonique de Paris, "L'Arlesienne Suite Adagietto."  
Regal Orchestra, "Pagliacci" Selection (Leoncavallo).  
J. H. Squire's Celeste Octet, "Song of the Waterfall" (Squire).  
Orchestre Symphonique de Paris, "L'Arlesienne Suite" Entr'acte le Carillon (Bizet) (01327).  
London Theatre Orchestra, "A Country Girl" Selection (Monckton).  
Band—The Bombardiers, "Hungarian Dance, No. 6" (Brahms).  
Orchestre Symphonique de Paris, "L'Arlesienne Suite—Intermezzo."



Regal Cinema Orchestra, "Show of Shows" Selection (05086).  
J. H. Squire's Celeste Octet, (a) "Scent of the Jasmine" (Squire) (D0149); (b) "Two Eyes of Grey" (McGeoch) (01213).  
Orchestre Symphonique de Paris, "L'Arlésienne Suite—Entr'acte la Cuisine de Castelet" (Bizet) (01326).

7.0 : News and market reports.

7.40 : "Book Review," by Mrs. H. Hodges (nee Miss G. Driver).

8.0 : Chimes. Relay from the Auckland Town Hall of the Annual Concert of the Auckland Boys' Grammar School.

## 2YA, WELLINGTON (720 KILOCYCLES)—WEDNESDAY, AUGUST 5.

10.0 : Chimes. Selected gramophone recordings.

11.37 : Lecturette, "Hollywood Affairs."

12.0 : Lunch hour music.

2.0 : Selected recordings.

3.30 and 4.30 : Sporting results to hand.

5.0 : Children's session, conducted by Aunt Daisy.

6.0 : Dinner music session (Polydor)—

The Polydor String Orchestra, "La Muette de Portici" Overture.

Paul Godwin's Orchestra, "Talkative" (Ellenberg) (19841); "Les Patineurs" (Waldteufel) (19710).

Jean Gilbert's Scala Orchestra, "Strolling Through Jean Gilbert's Hits" (Gilbert) (19725).

Paul Godwin's Orchestra, "Sizilietta" (Von Blon) (22902); "Cajolery." Egm Schachmeister's Jazz Symphonians, "Dubinuschka" (Schlrman).

Paul Godwin's Orchestra, "Dolly's Dancing" (Rhode) (19710); "Siciliano" (Jessel) (22902).

Paul Godwin's Jazz Symphonians, "Hullo 1930" (Borchert) (22929).

7.0 : News session, market reports and sports results.

7.40 : Lecturette—Mr. A. El. Wilson, "Tourist and Health Resorts."

8.0 : Chimes. Specially recorded international programme.

Golden Hour of Music.

Ohman and Arden.

Adam and Eve.

Weather report.

International talk—Dr. Guy H. Scholefield, O.B.E.

High Spots.

International Dance Programme.

God save the King.

## 3YA, CHRISTCHURCH (980 KILOCYCLES)—WEDNESDAY, AUGUST 5.

3.0 : Gramophone recital.

4.25 : Sports results.

5.0 : Children's hour.

6.0 : Dinner music session (H.M.V.)—

London Palladium Orchestra, "Nautical Moments" (arr. Winter).

Organ—Sandy Macpherson, "L'Heure Bleu" (Spolianski) (B3300).

Vienna Philharmonic Orchestra, "Hungarian Dance, No. 1" (Brahms).

Berlin State Opera Orchestra, "Oberon" Overture (Weber) (D1816).

Jack Hylton and His Orchestra, "Steppin' Out" (Vauchant).

National Military Band, "Ben Hur" (Byng) (Zono. A365).

New Mayfair Orchestra, "Follow Through" Selection (de Sylva).

De Groot and His Orchestra, "I Love You" (Grieg) (B3184).

Marek Weber and His Orchestra, "Lehariana" (Geiger) (C1679).

De Groot and His Orchestra, "Romance" (Rubinstein) (B3184).

Vienna Philharmonic Orchestra, "Hungarian Dance, No. 3" (Brahms).

Jack Hylton and His Orchestra, "Lonesome Little Doll" (Boutelje).

Organ—Sandy Macpherson, "In An Old World Garden" (Pepper).

7.0 : News session.

7.30 : Addington stock market reports.

8.0 : Chimes. Relay from Municipal Concert Hall—Presentation of Mendelssohn's Oratorio, "Elijah," by the Royal Christchurch Musical Society, under the conductorship of: Musical Director, Mr. W. G. Dixon, L.R.A.M., A.R.C.M. Soloists: Soprano, Madame Winnie Fraser (Oamaru); Contralto, Miss C. Freeman Brown (Christ church); Tenor, Mr. Charles R. Williamson (Christchurch); Bass, Mr. Charles Clarkson (Ashburton). Supported by Full Grand Chorus and Orchestra.

10.0 : Dance session (H.M.V.)—

Foxtrots—Leo Reisman and His Orchestra, "Puttin' on the Ritz."

Jack Hylton and His Orchestra, "Punch and Judy Show."

Gus Arnheim and His Orchestra, "Dancing to Save Your Sole" (Gilbert) (EA743).

Jack Hylton and His Orchestra, "Jolly Farm" (Sarony).

10.12 : Waltz—Ted Florito and His Orchestra, "Molly" (Goulding) (EA717).

Foxtrots—The Rhythmic Eight, "Fairy on the Clock" (Myers).

Jack Hylton and His Orchestra, "The Kerb Step" (Young).

10.21 : Vocal duet—Esther Coleman and Foster Richardson, "The Voyagers."

10.24 : Foxtrots—Victor Arden, Phil Ohman and Their Orchestra, "I Love You So Much" (Kalmar) (EA754).

Coon-Sanders Orchestra, "Moanin' For You" (Goulding).

Victor Arden, Phil Ohman and Their Orchestra, "Dancing the Devil Away" (Harbach) (EA754).

10.33 : Waltz—Arcadians Dance Orchestra, "Melody Divine" (Ruby, Spencer).

Foxtrots—Bernie Cummins and His Hotel New Yorker Orchestra, "Minnie the Mermaid" (de Sylva) (EA751).

Arcadians Dance Orchestra, "Evening Shadows" (Polla).

Ted Weems and His Orchestra, "Mysterious Mose."

10.45 : Vocal duet—Esther Coleman and Foster Richardson, "Mountain Lovers" (Squire) (Zono. 5546).

10.48 : Foxtrots—The Rhythmic Eight, "Sweethearts' Holiday" (Kahal).

Nat Shilkret and His Orchestra, "Singing a Vagabond Song."

Jack Hylton and His Orchestra, "On Her Doorstep Last Night" (Hargreaves) (B5744).

Gus Arnheim and His Orchestra, "All I Want is Just One."

11.0 : God save the King.

## 4YA, DUNEDIN (650 KILOCYCLES)—WEDNESDAY, AUGUST 5.

3.0 : Afternoon session.

3.15 : Talk—"Milk—What are Milk Parlours?" by the Home Science Extension Service of Otago University.

5.0 : Children's hour, conducted by Big Brother Bill.

6.0 : Dinner music session (Parlophone)—

Frank Westfield's Orchestra, "The Belle of New York" Selection.

Dajos Bela Orchestra, "Strauss, the Waltz King, at Home" (Weber) (A4260); "Ideale" (Tosti) (A4015); "Viennese Life" Waltz.

Victor Olof Salon Orchestra, "Grieg Selection" (arr. Urbach) (A4250).

Dajos Bela Orchestra, "Serenade" (Moszkowski) (A4015).

Berlin State Opera House Orchestra, "Wine, Women and Song" Waltz.

Dajos Bela Orchestra, "Traumideale" (Fueck) (A4259).

Frank Westfield's Orchestra, "Our Miss Gibbs" Selection (Monckton).

Barnabas von Geczy and His Orchestra, "Strauss Waltz Medley."

7.0 : News session.

7.15 : Talk—Mr. L. W. McCaskill, under the auspices of 4YA Primary Productions Committee, "Review of N.Z. Journal of Agriculture."

8.0 : Chimes. Studio concert by Anderson's Bay Orchestra, conducted by Mr. Jas. Clark, and 4YA artists.

Overture—The Orchestra, "Light Cavalry" (Suppe); intermezzo, "Stephanie Gavotte" (Czibulka).

8.13 : Contralto—Mrs. B. C. Roberts, (a) "Do Not Go, My Love" (Hageman); (b) "The Vain Saint" (Brahms); (c) "The Roadside Fire."

8.23 : Cornet, with orchestral accompaniment—Mr. J. Morris, "Mother Machree" (Ball).

8.29 : Recitals—Mr. J. B. Flynn, (a) "England" (Binyon); (b) "Gunga Din."

8.40 : Selection—The Orchestra, "Raymond" (Thomas).

8.48 : Tenor—Mr. R. A. Mitchell, (a) "Eleanor" (Coleridge Taylor); (b) "Still as the Night" (Bohm); (c) "The Land of the Leal."

8.57 : Violin—Mr. R. Watson, "Nocturne" (Field).

9.0 : Evening weather report and station notices.

9.2 : Selection—The Orchestra, "Musical Switch" (Alford).

9.14 : Bass—Mr. F. E. Woods, (a) "The Bandolero" (Stuart); (b) "The Wreath" (Rae); (c) "The Drum-Major" (Newton).

9.23 : March—The Orchestra, "The Exalted Ruler" (Hall); miniature overture, "Ivanhoe" (Hazel).

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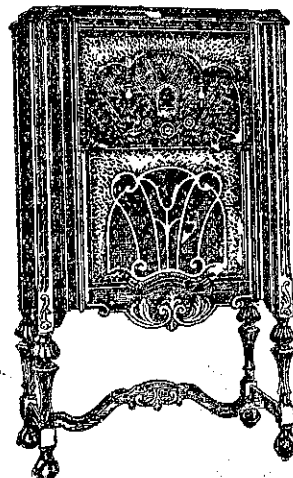
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## 9.30: Dance music session (Brunswick)—

Foxtrots—Jesse Stafford and His Orchestra, "Ragamuffin Romeo" (De Costa) (4824); "I'm Sailing on a Sunbeam" (Dreyer) (4630); "A Bench in the Park" (Yellen).

9.39: Waltzes—The Thematics Orchestra, "Giovanna" (Kountz) (4297).  
Regent Club Orchestra, "The Moonlight Reminds Me of You."

## 9.45: Vocal—Marion Harris, "Wasn't it Nice?" (Young) (4806).

9.48: Foxtrots—Colonial Club Orchestra, "It's You I Love" (Davis) (4621).  
Jack Denny and His Mount Royal Hotel Orchestra, "Whip-poor-will" (De Voll) (4794).

Waltz—Castlewood Marimba Band, "A Night of Love in Hawaii."

9.57: Foxtrots—Meyer Davis's Hotel Astor Orchestra, "Blue is the Night."  
Colonial Club Orchestra, "Why?" (Davis) (4621).

Jesse Stafford and His Orchestra, "I'm Following You."

Waltzes—Regent Club Orchestra, "Dancing With Tears in My Eyes."  
Castlewood Marimba Band, "My Heart Belongs to the Girl Who Belongs to Somebody Else" (Sherman) (4821).

## 10.12: Foxtrots—Hal Kemp and His Orchestra, "Give Yourself a Pat on the Back" (Butler) (4807).

Tom Gerun and His Orchestra, "Absence Makes the Heart Grow Fonder" (Lewis) (4829).

Bob Haring and His Orchestra, "I Still Remember" (Tobias).

Tom Clines and His Music, "Wasn't it Nice?" (Young).

Colonial Club Orchestra, "Stein Song" (Colcord) (4748).

Waltz—Castlewood Marimba Band, "Down the River of Golden Dreams" (Klenner) (4820).

## 10.30: Foxtrots—Meyer Davis's Hotel Astor Orchestra, "Nobody Cares if I'm Blue" (Clarke Akst) (4802).

Hal Kemp and His Orchestra, "If I Had a Girl Like You."

Meyer Davis's Hotel Astor Orchestra, "Ro-ro-rollin' Along."

## 10.39: Vocal duet—Al and Pete, "That's Why I'm Jealous of You" (Rose).

10.42: Foxtrots—Tom Clines and His Music, "You Darlin'" (Woods) (4814).  
Jack Denny and His Mount Royal Hotel Orchestra, "Dream Avenue" (Tobias) (4788).

Tom Clines and His Music, "You for Me" (Jason) (4814);

"Be Careful With Those Eyes" (Woods) (4813).

10.54: Waltzes—Castlewood Marimba Band, "My Reveries" (White) (4820).  
Regent Club Orchestra, "Because There's a Change in You."

## 11.0: God save the King.

## 9YB, NEW PLYMOUTH (1230 KILOCYCLES)—WEDNESDAY, AUGUST 5.

6.30 to 7.30 p.m.: Children's session.

7.30 to 8 p.m.: Sports talks.

## Thursday, August 6

## 1YA, AUCKLAND (900 KILOCYCLES)—THURSDAY, AUGUST 6.

## 8.0: Chimes. Selected recordings.

## 8.15: Talk—"More Soup Recipes." Prepared by the Home Science Extension Service of Otago University.

## 9.0: Children's session, conducted by Skipper.

## 9.0: Dinner music session (Polydor)—

Dajos Bela Orchestra, "Fantasie Orientale" (Lange) (Parl. A4003).

Ilya Livschakoff Orchestra, "Somewhere a Voice is Calling" (Tate).

Paul Godwin's String Quartet, "A Fragile Spring Has Blossomed Forth" (23374).

Paul Godwin's Orchestra, "Pritzel Dolls" (Rauls) (21712).

Bereny's Hungarian Gipsy Symphony Orchestra, "Tales From the Vienna Woods" (Strauss) (23691).

Great Symphony Orchestra, "Edmund Eysler's Operettas" selection.

Ilya Livschakoff's Orchestra, "Volga" Russian Medley.

The Pozniak Trio, "Three Miniatures" Elegie (Juon) (62549).

Ilya Livschakoff's Orchestra, "The Rosary" (Nevin) (23648).

The Paul Godwin's Dance Orchestra, "Little Birds' Evening Song."

Edith Lorand's Orchestra, "After the Ball" waltz (Harris).

Bereny's Hungarian Gipsy Symphony Orchestra, "Original Hungarian Dance" (arr. Bereny) (23691).

Paul Godwin's Trio, "Largo" (Handel) (23374).

Ilya Livschakoff's Orchestra, "Troika-Russian Medley."

Balalalka Orchestra, "Auf Dem Wege Nach Petersburg" (R40090).

## 7.0: News and market reports.

## 7.40: Talk under the auspices of the New Zealand Manufacturers' Association, "The Timber Industry and Building."

## 8.0: Chimes. Relay of the Aeolian Orchestra's Second Concert of the 1931 season, Conductor, Mr. Gerald T. Lee.

## 9.45: Programme of dance music (Brunswick)—

Foxtrots—Hal Kemp and His Orchestra, "Them There Eyes."

Harry Reser and The Six Jumping Jacks, "The Wedding in the Ark" (Wallace) (6007).

## 9.51: Vocal—North and South, "Barracky Bert the Soldier" (Clifford).

9.54: Foxtrots—Ben Bernie and His Orchestra, "Can't You See I'm Lonely?"  
Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "The Little Things in Life" (Berlin) (4984).

Hal Kemp and His Orchestra, "Hurt" (Plantadosi) (4992).

10.3: Tangos—Juan Llossas Orchestra, "Tavern Tango" (Mario Sarrocchi),  
(Poly. 22425); "On Far Away Highroads" (Filiberto) (22983).

## 10.9: Vocal—Chester Gaylord, "You're Lucky To Me" (Razaf) (6010).

10.12: Foxtrots—Tom Gerun and His Orchestra, "Nine Little Miles From Ten  
Ten Tennessee" (Sherman) (4999).

Isham Jones' Orchestra, "Lonesome Lover" (Bryan) (6015).

Emil Coleman and His Orchestra, "Overnight" (Rose).

## 10.21: Waltzes—Bob Haring and His Orchestra, "Chimes of Spring."

Joe Green and His Orchestra, "My Missouri Home."

10.27: Foxtrots—Ben Bernie and His Orchestra, "Just a Gigolo" (Casucci)  
(6023); "Everything But Love" (Kahn) (6025).

Ben Berlin and His Orchestra, "The River and Me" (Dubin).

## 10.36: Vocal—North and South, "Sittin' on a Five Barred Gate."

## 10.39: Foxtrots—Emil Coleman and His Orchestra, "I Love Love."

Abe Lyman and His Californian Orchestra, "Us and Company" (Nelson) (4993).

Tangos—Juan Llossas Orchestra, "Majanah" (Llossas) (22425);

"Carnations" (Demare) (22988).

## 10.51: Foxtrots—Tom Gerun and His Orchestra, "Come a Little Closer."

Abe Lyman and His California Orchestra, "As Long As We're Together" (Bard) (4993).

Tom Gerun and His Orchestra, "You're the One I Care For."

## 11.0: God save the King.

## 2YA, WELLINGTON (720 KILOCYCLES)—THURSDAY, AUGUST 6.

## 10.0: Chimes. Selected gramophone recordings.

## 10.45: Lecturette—"Cooking."

## 11.37: Lecturette—"Tea, Coffee and Cocoa," under the auspices of the Health Department.

## 12.0: Lunch hour music.

## 2.0: Selected gramophone recordings.

## 8.15: Lecturette—Miss I. F. Meadows, "More Soup Recipes." Talk prepared by the Home Science Extension Department of the Otago University.

## 3.30 and 4.30: Sporting results to hand.

## 5.0: Children's session, conducted by Uncle George and Big Brother Jack.

## 6.0: Dinner music session (Columbia)—

Regal Salon Orchestra, "Memories of Beethoven" (Beethoven).

Plaza Theatre Orchestra, "Gipsy Suite" (German) (1) Valse (Lonely Life); (2) Allegro (The Dance) (02537).

Columbia Symphony Orchestra, "Al Fresco" (Herbert) (01092).

Albert W. Ketelbey's Concert Orchestra, "By the Blue Hawaiian Waters" (Ketelbey) (03035).

J. H. Squire's Celeste Octet, "Invitation to the Valse" (Weber).

Orchestre de la Societe des Concerts du Conservatoire, Paris, "Le Ronet D'Omphale" (Saint Saens) (02926).

Plaza Theatre Orchestra, "Gipsy Suite" (German): (3) Menuetto (Love Duet); (4) Tarantella (The Revel) (02538).

Columbia Symphony Orchestra, "Badinage" (Herbert) (01092).

Menorah Symphony Orchestra, "Bar Kochba" selection (Goldfaden).

J. H. Squire's Celeste Octet, "Chant Sans Paroles" (Tschaiakowsky).

## 7.0: News session, market reports and sports results.

## 7.40: Lecturette—Miss Inez Connop, "Dancing in Relation to Health."

## 8.0: Chimes. Overture—Band of H.M. Grenadier Guards, "A Princess of Kensington" (German) (Col. 02830).

## 8.9: Mezzo-soprano—Miss Muriel Johns, (a) "In My Bouquet of Memories" (Akst); with orchestral accompaniment, (b) "Heavenly Night" (Brown), (c) "Along the Road of Dreams" (Granichtaedten).

## 8.21: Ballet music—Salon Orchestra, (Conductor Mr. M. T. Dixon), "Sylvia Ballet" (Delibes).

## 8.32: Baritone—Mr. Rex Harrison, (a) "I Am a Friar of Orders Grey" (Reeve), (b) "The Vulcan's Song" (Gounod), (c) "The Crescent Moon" (Sanderson), (d) "The Lute Player" (Allitsen).

## 8.47: Suite—Salon Orchestra, "Miniature Suite" (Coates).

## 8.56: Male Choir—Ural Cossacks, "Das Gebet Des Kasaken" (Kolatilin).

## 9.0: Evening weather report and station notices.

## 9.2: Accordion—Rene Leroux and Bal Musette Orchestra, (a) "The Girl From Paris" (Sylviano), (b) "The Bagpipe's Song" (Vaissade).

## 9.8: Humour—Mr. Vryn Evans, (a) "Taffy was a Welshman" (Spury), (b) "The Melodrama."

## 9.18: Violin—Mr. W. Haydock, "Romance" (Wieniawski).

Serenade—Salon Orchestra, "Serenade Roccoco" (Meyer-Helmund).

Humour—Will Fyffe, "Daft Sandy" (Fyffe) (Col. DOX87).

## 9.38: Tenor—Mr. Terence O'Brien, (a) "Love's Garden of Roses" (Haydn Wood), (b) "What a Wonderful World It Would Be" (Lohr), (c) "Tumbled Down Shack in Athlone" (Monte Carlo and Sanders).

## 9.48: Selection—Salon Orchestra, "Gipsy Princess" (Kalman); "Latest Dance Novelties."

## 10.0: God save the King.

## 3YA, CHRISTCHURCH (980 KILOCYCLES)—THURSDAY, AUGUST 6.

## 3.0: Gramophone recital.

## 3.15: Lecturette—"More Soup Recipes," prepared by the Home Science Extension Service, Otago University.

## 4.25: Sports results.

## 5.0: Children's hour.

## 6.0: Dinner music session (Polydor and Parlophone)—

Paul Godwin Dance Orchestra, "The World's Best Waltzes" Medley.

Ilya Livschakoff Orchestra, "Fiddler, Where is Your Home?" (Stolz).

Vienna Schrammel Quartet, "Serenade" (Heykens) (21919).

Paul Godwin's Orchestra, "Marche Grotesque" (Sinding) (22900).  
 Ilja Livschakoff Dance Orchestra, "Roses of the South" (Strauss).  
 Organ—H. Wood, "Songs My Mother Taught Me" (Dvorak) (23304).  
 Orchestra Mascotte, "Amoureuse" Waltz (Berger) (Parlo. A8135).  
 Paul Godwin's Orchestra, "The Clock and the Dresden Figures."  
 Ilja Livschakoff Orchestra, "Hungarian Medley" (Leopold) (23539).  
 Vienna Schrammel Quartet, "Silk and Velvet" (Ziehrer) (21919).  
 Paul Godwin's Orchestra, "Joy Bells" (Blaauw) (22900).  
 Organ—H. Wood, (a) "Song Without Words" (Mendelssohn); (b) "Adagio from L'Arlesienne" (Bizet) (23304).  
 Ilja Livschakoff Dance Orchestra, "Blue Danube" (Strauss) (23626).  
 Dajos Bela Orchestra, "The Grenadiers" Waltz (Waldteufel).  
 La Argentina, Castanets with Orchestra, "Dance No. 5" (Granados).  
 Paul Godwin's Orchestra, "The Cathedral Bells" (Becker).

7.0 : News session.

7.30: Review of the "Journal of Agriculture."

8.0 : Chimes. Specially recorded international programme.

Dr. Eugene Ormandy and His Salon Orchestra.  
 International Singers.

Abroad with the Lockharts.

Weather report and station notices.

International talk—Mr. George Lawn, M.A., Canterbury College, "Mau-churia."

Ambassadors of Melodyland.

Hy-wide and Handsome.

Nat Brusloff and His Lido Venice Orchestra.

God save the King.

#### 4YA, DUNEDIN (650 KILOCYCLES)—THURSDAY, AUGUST 6.

SILENT DAY.

## Friday, August 7

#### 1YA, AUCKLAND (900 KILOCYCLES)—FRIDAY, AUGUST 7.

8.0 : Chimes. Selected recordings.

8.15: Literary selection.

9.0 : Children's session, conducted by Nod and Aunt Jean.

9.30 : Dinner music session (Columbia)—

Great Symphony Orchestra, "Vienna Operetta Revue" (Robrecht).

Jacques Jacobs Ensemble, "Wiener Blut" (Strauss) (02556).

Band of H.M. Grenadier Guards, "La Benediction des Poignards."

Jacques Jacobs Ensemble, "España Waltz" (Waldteufel) (02560).

Plaza Theatre Orchestra, "My Lady Dainty" (Hesse) (01438).

Jacques Jacobs Ensemble, "Sobre Las Olas" (Rosas) (02556).

Symphony Orchestra, "Countess Mariza" Medley (Kalman).

J. H. Squire's Celeste Octet, "Valse Bleu" (Margis) (3643).

B.B.C. Wireless Symphony Orchestra, "Il Trovatore" Selection (Verdi)

J. H. Squire's Celeste Octet, "Amoureuse Valse" (Berger) (3643).

Band of H.M. Grenadier Guards, "Lo! Here the Gentle Lark" (02931).

Plaza Theatre Orchestra, "The Busy Bee" (Bendix) (01438).

7.0 : News and market reports.

7.30: Talk—"Sports Talk."

7.40: Talk—Mr. R. A. Falla, M.A., "New Zealand Bush Birds," under the auspices of the N.Z. Native Bird Protection Society.

8.0 : Chimes. Overture—Dajos Bela Orchestra, "Vienna by Night."

8.9 : Contralto—Miss Phyllis James, (a) "The Greatest Wish in the World" (Del Riego); (b) "Betty's Garden" (Sanderson).

8.15: Selection—Reg. Morgan and His Orchestra, "Selection of Old English Songs" (arr. Somers).

8.21: Chorus—The Sieber Choir, (a) "The Mill in the Black Forest" (Ellenberg); (b) "Faust Waltz, Act 2" (Gounod) (Parlo. A4264).

8.29: Soprano—Mrs. Winifred E. Osborne, "Beyond the Dawn" (Sanderson).

8.33: Saxophone—Mr. C. Hoffman, "Valse Marylin" (Wiedoff).

Waltz—Reg. Morgan and His Orchestra, "The Kiss Waltz" (Burke); foxtrot, "You're Driving Me Crazy" (Donaldson).

8.43: Sea stories—Lee Fore Brace, "The Story of the Cutty Sark."

8.58: March—Polydor Brass Band, "Graham Paige Legion" (Pryer).

9.1 : Evening weather forecast and announcements.

9.3 : Piano—Mr. Cyril Towsey, "Scarf Dance and Pierrette" (Chaminade).

9.9 : Contralto—Miss Phyllis James, (a) "The Valley by the Sea" (Stephen Adams); (b) "The Old Clock" (Drummond).

9.15: Violin—Mr. Gar. Fowler, "Hungarian Dances" (arr. Fowler).

Waltz—Reg. Morgan and His Orchestra, "The Merry Widow" (Lehar)

9.24: Male quartet—The Big Four, (a) "Go Home and Tell Your Mother," (b) "I'm Doing that Thing" (McHugh) (Col. D0295).

9.30: Baritone—Mr. Reg. Morgan, (a) "When Dawn Breaks Thro'" (Wood); (b) "Mighty Lak a Rose" (Nevin).

Violin—Mr. Gar. Fowler, "Aubade D'Amour" (Monti).

9.41: Soprano—Mrs. Winifred E. Osborne, (a) "At My Window" (Parker); (b) "Carmena" (Lane Wilson).

9.47: Guitar—Hawaiian Orchestra, "Good Night" (Abraham) (Poly. 23727).

9.50: Orchestral—Reg. Morgan and His Orchestra, "Latest Popular Hits."

10.0 : God save the King.

#### 2YA, WELLINGTON (720 KILOCYCLES)—FRIDAY, AUGUST 7.

10.0 : Chimes—Selected Gramophone recordings.

11.12: Lecturette—"Fashions."

12.0 : Lunch Hour Music.

2.0 : Selected recordings.

3.30 and 4.30: Sporting results to hand.

5.0 : Children's session, conducted by Uncle Jim.

6.0 : Dinner Music Session—(Polydor)—

The Paul Godwin's Orchestra, "Potpourri of German Folk Songs" (arr.

Hannemann) (19424): "The Girl of the Black Forest" (Jessell).

Mandoline and Lute Orchestra, "Minuet in G" (Beethoven) (21622).

Paul Godwin's Orchestra, "Suite Orientale" (Poppy): 1. Les Bajaderes.

2. Au Bord du Gange. 3. Les Almees. 4. Patrouille (19465-6).

Herman Finck and His Orchestra, "Waldteufel Memories."

Mandoline and Lute Orchestra, "Norwegian Dance" (Grieg) (21622).

The Opera Orchestra, Berlin, "Hungarian March in C Minor."

Paul Godwin's Dance Orchestra, "From Ear to Ear" (Morena).

7.0 : News session, market reports and sports results.

7.40: Lecturette—Mr. J. W. Fergie, "The Romance of the Main Trunk Railway."

8.0 : Chimes. Overture—2YA Orchestra (Conductor, Signor A. P. Truda), "Emblem" (Schlepegrell).

8.8 : Tenor—Mr. W. Roy Hill, "Adelaide" (Beethoven).

Quartet—The Lyric, "Mollie Darling" (Parks).

8.15: Mandolin Orchestra—Mrs. Mildred Kenny's Mandolin Orchestra, (a) "You Will Remember Vienna" (Romberg); (b) "Salome" (Lorain Kennedy).

8.23: Bass—Mr. W. Binet Brown, with orchestral accompaniment, "Cloze Props" (Charles).

Duet—Messrs. Chas. Williams and Will Goudie, with orchestral accompaniment, "Garden of Your Heart" (Dorel).

8.30: Soprano—Miss Ella Fair, (a) "My Message" (D'Hardelot); (b) "Out of the Darkness" (D'Hardelot).

8.36: Mandolin Orchestra—Mrs. Mildred Kenny's Mandoline Orchestra, (a) "O'er the Lagoon" (Paoletti); (b) "I Miss a Little Miss" (Coots).

8.44: Quartette—The Lyric, "Swing Along" (Cook).

8.48: Selection—2YA Orchestra, "Little Dutch Girl" (Kalman).

9.0 : Evening weather report and station notices.

9.2 : Soprano—Miss Ella Fair, (a) "Song of the Open" (La Forge); (b) "Silver" (Armstrong Gibbs).

9.8 : Selection—2YA Orchestra, "Poppy" (Samuel).

9.16: Quartette—The Lyric, "The Musical Trust" (Hadley).

Tenor—Mr. Chas. Williams, with orchestral accompaniment "Lorraine."

9.23: Tarantelle—2YA Orchestra, "Napoli" (Grasey).

9.30: Dance programme—"Brunswick"—

Foxtrots—Ben Bernie and His Orchestra, "I'm Yours" (Harburg).  
 Jacques Renard and His Orchestra, "Loving You the Way

I Do" (Scholl) (4919).

Ben Bernie and His Orchestra, "Confessin'" (Neiburg).

Earl Burnett and His Los Angeles Biltmore Hotel Orches-

tra, "Just a Little Dance Mam'selle" (O'Flynn) (4927).

9.42: Waltz—Abe Lyman and His Californian Orchestra, "This is Love."

Foxtrots—Isham Jones' Orchestra, "Sweet Jennie Lee" (Donaldson).

Jacques Renard and His Orchestra, "Lucky Seven" (Dietz).

9.51: Vocal—Wendell Hall, "Underneath the Mellow Moon" (Hall) (4879).

9.54: Foxtrots—Ozzie Nelson and His Orchestra, "I Don't Mind Walkin' in the Rain" (Rich) (4897).

Isham Jones' Orchestra, "In My Heart It's You" (O'Flynn).

Earl Burnett and His Los Angeles Biltmore Hotel Orches-

tra, "I Wonder How it Feels" (Sherman) (4881).

10.3 : Jacques Renard and His Orchestra, "Sing Something Simple" (Hupfeld) (4918). "Can This Be Love" (James) (4919).

10.9 : Vocal—Jessica Dragonette, "When You're Away" (Blossom) (4904).

10.12: Foxtrots—Isham Jones' Orchestra, "I'll Be Blue, Just Thinking of You" (Whiting) (4914).

Meyer Davis' Hotel Astor Orchestra, "Looking for the

Lovelight in the Dark" (Dubin) (4870).

Earl Burnett and His Los Angeles Biltmore Hotel Orches-

tra, "Little White Lies" (Donaldson) (4881).

10.21: Waltz—Castlewood Marimba Band, "When the Organ Played at Twilight" (Wallace) (4913).

10.24: Foxtrots—Ozzie Nelson and His Orchestra, "I Still Get a Thrill."

Mayer Davis' Hotel Astor Orchestra, "As Long as I have

You" (Dubin) (4870).

Tom Gerun and His Orchestra, "A Big Bouquet For You."

Vocal—Wendell Hall, "Land of My Sunset Dreams" (Hall) (4879).

10.36: Foxtrots—Tom Gerun and His Orchestra, "Sing" (Johnson) (4911).

Tom Gerun and His Orchestra, "If I Could Be With You"

(Creamer) (4895). "Wasting My Love On You."

Earl Burnett and His Los Angeles Biltmore Hotel Orches-

tra, "Sweetheart of My Student Days" (Kahn) (4927).

10.48: Waltz—Castlewood Marimba Band, "Moonlight on the Colorado."

10.51: Emil Coleman and His Orchestra, "I've Got Five Dollars" (Rogers).

Loring Nichols and His Orchestra, "You Said It" (Arlen).

Emil Coleman and His Orchestra, "We'll Be the Same."

11.0 : God Save the King.

#### 3YA, CHRISTCHURCH (980 KILOCYCLES)—FRIDAY, AUGUST 7.

3.0 : Gramophone recital.

4.25: Sports results.

### 5.0 : Children's hour.

### 6.0 : Dinner music session (Columbia)—

Percy Pitt and Augmented Symphony Orchestra, "Poet and Peasant" Overture (Suppe) (05044).

Garde Republicaine Band, "The Two Pigeons," Parts 1 and 2.

Johann Strauss and Symphony Orchestra, "Morgen Blatter" (Strauss).

B.B.C. Wireless Symphony Orchestra, "La Boutique Fantastique" Selection (Respighi, arr. Coward) (Reg. G30018).

Plaza Theatre Orchestra, "Pearl o' Mine" (Fletcher) (01638).

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 (02694/5).

Garde Republicaine Band, "The Two Pigeons," Parts 3 and 4.

Johann Strauss and Symphony Orchestra, "Blue Danube Waltz."

Albert W. Ketelbey's Concert Orchestra, "Bells Across the Meadows."

Plaza Theatre Orchestra, "Bal Masque—Valse Caprice" (Fletcher).

### 7.0 : News session.

7.30 : Talk under the auspices of the Canterbury Manufacturers' Association, Mr. J. R. Hayward, "New Zealand Industries."

8.0 : Chimes. Relay from Ashburton of New Zealand Boxing Championships.

God save the King.

### 4YA, DUNEDIN (650 KILOCYCLES)—FRIDAY, AUGUST 7.

### 5.0 : Afternoon session.

5.0 : Children's hour, conducted by Aunt Sheila.

### 6.0 : Dinner music session (Polydor)—

Paul Godwin's Orchestra, "Aubade" Serenade (Schweitzer) (19512); "The Divorced Lady" Medley (Fall) (19521); "Lotus" Waltz (Ohlsen) (23323); "Alsation Country Dance No. 1" (Merkelt).

Great Symphony Orchestra, "The Master Miner" (Zeller) (23315).

Mandolin and Lute Band, "Per Aspera ad Astra" (Urbach) (21624).

Paul Godwin's Orchestra, "Smitten" (Ziehrer) (21709); "Alsation Country Dance No. 2" (Merkelt) (21210).

Berlin State Opera Orchestra, "Knight Passman Ballet" (Strauss).

Paul Godwin's Orchestra, "Bells of Vineta" Waltz (Lindsay).

Mandolin and Lute Band, "Turkish March" (Mozart) (21624).

Paul Godwin's Orchestra, "Flower Song" (Lange) (21709); "Rejoicings March" (Schweitzer) (19512).

### 7.0 : News session.

8.0 : Chimes. Overture—Debroy Somers Band, "Mister Cinders" Selection.

8.0 : Quartets—Regal Four, (a) "Camptown Races" (Foster); (b) "Old Cabin Home" (J.K.L.).

8.10 : Trio—Messrs. A. H. Pettitt, K. Hunter and T. Law, (a) "Ozardas" (Moretti); (b) "Betty Co-ed" (Vallee).

8.20 : Irish humour—Miss E. M. Holland, "An Irish Point to Point."

8.20 : Popular melodies—The Novelty Quartet, (a) "Old-Fashioned Girl"; (b) "You Are the Melody" (de Sylva).

8.37 : Baritone and quartet—The Regal Four, "Kemo Kimo"; "Ellie Rhee."

8.44 : Cello—Mr. T. Law, (a) "Intermezzo" (Bonheur); (b) "Broken Melody" (Van Biene).

8.52 : Orchestral—Ilja Livschakoff's Orchestra, (a) "Curly" (Powell); (b) "In the Bar of the Gnomes" (Rosen) (Poly. 23521).

8.58 : Contralto—Miss E. Rawlinson, "At Dawning" (Cadman).

9.1 : Evening weather report and station notices.

9.3 : Piano—Rale da Costa, "King of Jazz" (H.M.V. B3538).

9.10 : Descriptive song—Mr. Bert Rawlinson, "The Admiral's Broom" (Bevan), introducing a brief outline of Admiral Blake's Adventures for the Carolines"; (b) "Have a Little Faith in Me" (Warren).

9.20 : Quartets—The Regal Four, (a) "Old Kentucky Home" (Foster); (b) "The Mocking Bird" (Hawthorne).

9.30 : Trios—Messrs. Pettitt, Hunter and Law, (a) "Intermezzo Pittoresque" (Kocian); (b) "I Don't Need a Television" (Shalson); (c) "Till the End" (de Costa).

9.40 : Humour—Miss E. M. Holland, Selections from "The Letters of Margaret Pow" (Slater).

9.52 : Choruses—The Regal Four, "Canadian Boat Song" (Moore); "The Massacre of Ta Phairson" (Trdtl).

9.59 : Xylophone—Franz Kruger with Orchestra, "La Krakette" (Clerice).

10.3 : God save the King.

## Saturday, August 8

### 1YA, AUCKLAND (900 KILOCYCLES)—SATURDAY, AUGUST 8.

5.0 : Chimes. Relay of description of Rugby Football Match from Eden Park.

5.0 : Children's session, conducted by Cinderella.

### 6.0 : Dinner music session (H.M.V.)—

Paul Godwin's Orchestra, "Marietta Fantasia" (Strauss).

Zonophone Salon Orchestra, "Evanson" (Easthope Martin).

New Symphony Orchestra, "Minuet" (Boccherini) (B3036).

National Military Band, "The Flying Dutchman" Overture.

De Groot and Piccadilly Orchestra, "Waldteufel Memories."

Marek Weber's Orchestra, "I Pagliacci" (Leoncavallo) (C1735).

Zonophone Salon Orchestra, "Eleanore" (Deppen) (Zono. 5574).

New Symphony Orchestra, "Nell Gwynn Dance No. 3" (German) (B3036); "Le Old Ballet Music" (Massenet): (1) Castillane; (2) Aubade; (3) Andalouse; (4) Arragonaise; (5) Madrilene; (6) Navarraise (C1638/9).

### 7.0 : News session.

7.40 : Talk under the auspices of Auckland Horticultural Society at the New Zealand Institute of Horticulture, Mr. D. A. Hay, "Annuals, Current Planting and Chrysanthemums."

8.0 : Chimes. Overture—Great Symphony Orchestra, "A Rendezvous With Lehar" (arr. Hruby) (Poly. 27173).

8.9 : Soprano—Mrs. Laetitia Parry, (a) "An Indian Squaw's Song" (Morgan); (b) "Bird Songs at Eventide" (Coates).

8.15 : Selection—Orchestral Octet, under direction of Harold Baxter, "The Show Boat" (Kern).

8.25 : Recital—Mr. J. M. Clark, "The Charge of the Light Brigade."

8.29 : Male choir—Ural Cossacks, (a) "Evening Bells" (Trdtl); (b) "Legend of the Twelve Robbers" (Jaroff) (Poly. 19798).

8.37 : Overture—The Orchestral Octet, "To an Irish Comedy" (Ansell).

8.44 : Baritone—Mr. A. Everell Orr, (a) "The Curfew" (Gould); (b) "When Shadows Gather" (Marshall).

8.50 : Concertina—Mr. Chas. Boys, (a) "Tipperary" (Williams); (b) "Colonel Bogey March" (Alford).

8.55 : Orchestral—The Orchestral Octet, "Two Hindoo Sketches" (Hansen).

9.1 : Evening weather forecast and announcements.

9.3 : Balalaika—Balalaika Orchestra, (a) "The Red Sarafan"; (b) "Immer Lustig" (Trdtl) (Poly. 20587).

9.9 : Soprano—Mrs. Laetitia Parry, (a) "Oh to be in England" (Brabe); (b) "Just" (Bradford).

9.14 : Orchestral—The Orchestral Octet, under direction of Harold Baxter, "More Dale Dances" (Wood).

9.23 : Recital—Mr. J. M. Clark, "The Field of Waterloo" (Byron).

9.28 : Chorus—Florrie Ford and Chorus, "Florrie Ford Old-time Medley."

9.34 : Spiritual—The Orchestral Octet, "From the Cotton Fields" (White); Waltz, "Passion Flower" (Zulueta).

9.43 : Baritone—Mr. A. Everell Orr, "The King's Minstrel" (Pinsuti).

9.47 : Concertina—Mr. Chas. Boys, "Old-time Melodies" (arr. Boys).

9.53 : Selection—The Orchestral Octet, "Butterfly Dance" (Miles).

### 10.0 : Programme of dance music (H.M.V.)—

Foxtrots—Waring's Pennsylvanians, "With You" (Berlin) (EA713).

Leo Reisman and His Orchestra, "Charming" (Grey).

Waring's Pennsylvanians, "There's Danger in Your Eyes, Cherie" (Richmond) (EA713).

Nat Shilkret and His Orchestra, "Caribbean Love Song."

10.12 : Waltz—Leo Reisman and His Orchestra, "Shepherd's Serenade."

Foxtrots—Rudy Vallee and His Connecticut Yankees, "Celebrated Stein Song" (Fenstad) (EA729).

Jack Hylton and His Orchestra, "Bunkey Doodle-I-Do."

10.21 : Vocal—Chick Endor, "Singin' in the Bathtub" (Magidson) (B3359).

10.24 : Foxtrots—The High Hatters, "In My Little Hope Chest" (Coslow).

Jack Hylton and His Orchestra, "We're Uncomfortable."

The High Hatters, "Sing You Sinners" (Coslow) (EA732).

Waltz—George Olsen and His Music, "Romance" (Leslie) (EA706).

10.36 : Foxtrots—Nat Shilkret and His Orchestra, "When I'm Looking at You" (Grey) (EA759).

George Olsen and His Music, "After a Million Dreams."

Nat Shilkret and His Orchestra, "The Rogue Song" (Grey).

10.45 : Vocal—Chick Endor, "Lady Luck" (Perkins) (B3359).

10.48 : Foxtrots—George Olsen and His Music, "I'm on a Diet of Love."

Jack Hylton and His Orchestra, "House on the Hill Top."

George Olsen and His Music, "Mona" (Conrad) (EA710).

Jack Hylton and His Orchestra, "Dreamy Honolulu."

11.0 : God save the King.

### 2YA, WELLINGTON (720 KILOCYCLES)—SATURDAY, AUGUST 8.

5.0 : Relay description of Rugby football match from Athletic Park.

5.0 : Children's session, conducted by Aunt Molly.

### 6.0 : Dinner music session (H.M.V.)—

H.M. Coldstream Guards Band, "Wedding of the Rose" (Jessel).

Vienna Philharmonic Orchestra, "Dorfschwalben Waltz" (Strauss).

Instrumental trio—Fritz Kreisler, Hugo Kreisler and M. Raucheisen,

"Syncopation" (Kreisler) (DA961).

Organ—Jesse Crawford, "Serenade" (Friml) (EA638).

International Novelty Orchestra, "Four Little Farms" (Zono. EE182).

Coldstream Guards Band, "Suite Francaise" (Pts. 1-4) (Foulds).

De Groot and His Orchestra, "Samson and Delilah" selection.

Marek Weber and His Orchestra, "Cavalleria Rusticana" selection.

Organ—Jesse Crawford, "Indian Love Call" (Friml) (EA638).

Instrumental Trio—Fritz Kreisler, Hugo Kreisler and M. Raucheisen,

"Marche Miniature Viennoise" (Kreisler) (DA961).

De Groot and His Orchestra, "Louise" selection (Charpentier).

International Novelty Orchestra, "To Die Dreaming" (Zono. EE182).

### 7.0 : News, market reports and sports results.

7.40 : A W.E.A. Lecture—Mr. A. E. Campbell, M.A., Lecturer in Education, Victoria University College, "Make-Believe in Childhood."

8.0 : Chimes. Relay from the Town Hall of Concert by the Wellington Symphony Orchestra.

Overture—"The Merry Wives of Windsor" (Nicolai).

Baritone—Mr. Rex Harrison, "Toreador Song" (from "Carmen").

Symphony—"Symphony in D Minor" (Caesar Franck).

Concerto—"Concerto for Organ and Orchestra in E Flat" (Handel), (Soloist: Mr. Bernard F. Page).



Waltz—"Waltz" from "The Rosenkavaller" (Strauss).

Caprice—"Caprice Italien" (Tschalkowsky).

10.0 : Dance programme (H.M.V.)—

Foxtrots—Jack Hylton and His Orchestra, "The King's Horses."

Ted Weems and His Orchestra, "My Baby Just Cares For Me" (Kahn) (EA800).

Nat Shilkret and His Orchestra, "Dixiana" (Caldwell).

Ted Weems and His Orchestra, "A Girl Friend of a Boy Friend of Mine" (Kahn) (EA800).

10.12: Waltz—Nat Shilkret and His Orchestra, "Dancing With Tears in My Eyes" (Dubin) (EA812).

Foxtrots—The High Hatters, "Anchors Aweigh" (Zimmerman).

Jack Hylton and His Orchestra, "Adeline" (Nicholls).

The High Hatters, "The Mug Song" (Gaskill) (EA765).

10.24: Vocal—Aileen Stanley, "Swingin' in a Hammock" (Seymour).

10.27: Foxtrots—Nat Shilkret and His Orchestra, "How Are You To-night in Hawaii?" (Leslie) (EA819).

Nat Shilkret and His Orchestra, "Mr. and Mrs. Sippi."

Green Brothers' Marimba Orchestra, "Lo Lo" (Feist).

Nat Shilkret and His Orchestra, "Why Have You Forgotten Waikiki?" (Kahn) (EA819).

10.39: Waltz—International Novelty Quartet, "Jolly Fellows" (Vollstedt).

Foxtrots—Marimba Centro Americana, "Forget You? Never!"

International Novelty Quartet, "Knocked 'Em in the Old Kent Road" (Ingle) (Zono. 5667).

10.48: Vocal—Aileen Stanley, "I Love You So Much" (Kalmar) (EA808).

10.51: Foxtrots—Ben Bernie and His Orchestra, "It's a Lonesome Old Town,"

Waring's Pennsylvanians, "Little White Lies."

Ben Bernie and His Orchestra, "Au Revoir—Pleasant Dreams" (Meskill) (Bruns. 4943).

11.0 : Sporting summary.

11.10: God save the King.

### 3YA, CHRISTCHURCH (930 KILOCYCLES)—SATURDAY, AUGUST 8.

11.30: Relay of results of the meeting of the New Zealand Metropolitan Trotting Club at Addington.

2.50: Relay of description of Rugby League Football from Monica Park.

5.0 : Children's hour.

6.0 : Dinner music session (Polydor)—

Berlin State Opera House Orchestra, "Cosi Fan Tutte" Overture.

Bfsm Schlachmeister's Dance Orchestra, "Second Waltz Medley."

Symphony Orchestra, "Frasquita" medley (Lehar) (27025).

Paul Godwin's Orchestra, "First Love" (Michiels) (27006).

Symphony Orchestra, "The Last Waltz" medley (Oscar Strauss).

Paul Godwin's Orchestra, "Cinderella's Bridal Procession" (Dicker).

Symphony Orchestra, "Eva" medley (Lehar) (27025); "The Forester's Daughter" medley (Jarno) (27049).

Paul Godwin's Orchestra, "Lake of Como" (Galos) (27006); "Throbbing Heart" (Eilenberg) (27007).

7.0 : News session.

7.30: Sports results.

7.45: Talk—Mr. Eric Lawson, under the auspices of the N.Z. Native Birds Protection Society.

8.0 : Chimes. Relay of opening ceremony of the Winter Show at the King Edward Barracks.

8.10: March—Symphony Orchestra, "Radetzky" (Strauss) (Col. 02585).

8.14: Tenor—Mr. Douglas Suckling, with orchestral accompaniment, (a) "For You Alone" (Geehl), (b) "At Dawning" (Cadman).

8.20: Steel Guitars and Ukelele—Miss Elaine Moody's Hawaiian Quartet, (a) "Three Little Words" (Ruby), (b) "Ukelele Moon" (Davis Conrad), (c) "My Baby Just Cares For Me" (Donaldson).

8.29: Contralto—Miss Nellie Lowe, with orchestral accompaniment, (a) "Just a Ray of Sunshine" (Squire); (b) "The Hills of Donegal."

8.34: Valse—Salon Orchestra, (Conductor Mr. Francis Bate), "Valse Piquantes" (Peel).

8.42: Sketch—The Mascots, "The Adventures of Jo and Vi," "A Lot For Your Money" (Carlton and Manley).

9.2 : Weather forecast and station notices.

9.4 : Accordion duo—Gellin and Borgstrom, (a) "Blaze Away" (Holzman), (b) "Gladiator's Farewell" (Blankenburg) (Poly. 22039).

9.10: Tenor—Mr. Douglas Suckling, with orchestral accompaniment, "Duna."

9.13: Steel Guitars and Ukelele—Elaine Moody's Hawaiian Quartet, (a) "I Miss a Little Miss" (Coots), (b) "Moonlight on the Colorado" (King), (c) "Blue Eyes" (O'Flynn Hoffman).

9.22: Contralto—Miss Nellie Lowe, with orchestral accompaniment, (a) "Caller Herrin'" (Scottish), (b) "Danny Boy" (Weatherley).

9.28: Violin and organ—Wolfgang Josephi, (a) "Traumerel," (b) "Abenlied."

9.36: Selection—Salon Orchestra, "Desert Song" (Romberg).

9.46: Male choir—Debroy Somers Band, "It's a Lovely War" (arr. Somers).

9.54: Selection—Salon Orchestra, (a) "Entr'acte Et Valse" (from "Ballet Coppelia") (Delibes), (b) "Drink To Me" (Squire).

10.0 : Dance programme (Polydor)—

Foxtrots—Marimba Original Excelsior de Guatemala, "Vamos Al Merendon" (Jorga Vasquez Lanazabal) (21903).

Ben Berlin's Dance Orchestra, "First the Right Leg" (Kollo-Wolff) (23394); "A Very Good Chum."

10.9 : Waltz—Ilja Livschakoff Dance Orchestra, "You've Been My Lucky Star" (Stolz) (23400).

Foxtrots—Ben Berlin's Dance Orchestra, "Just You" (Nelson).

Paul Godwin's Dance Orchestra, "Both You and Myself."

10.18: Vocal—Jack O'Hagan, "Rambling Down the Roadway" (O'Hagan),

10.21: Tangos—Jose M. Lucchesi and His South American Orchestra, "Alla Va El Caldo" (Pippo Rache) (22060); "La Voz Del Viento" (Lucchesi) (22059); "Amargura" (Lucchesi) (22060).

Waltz—Paul Godwin's Dance Orchestra, "Good-bye" (Spollansky).

10.30: Foxtrots—Ben Berlin's Dance Orchestra, "To Begin With a Big Question Mark" (Heyman) (23533); "Halo Sweet Lady" (Heymann) (23534); "My Heart is Longing For You" (Heyman) (23533).

10.39: Vocal—Jack O'Hagan, "With My Guitar And You" (Harris).

10.42: Tangos—Marimba Original Excelsior de Guatemala, "Nubes De Humo." Ilja Livschakoff's Dance Orchestra, "The Tale of Good Fortune" (Stolz) (23400).

Jose M. Lucchesi and His South American Orchestra, "Sole-dad" (Coppola) (22076).

10.51: Foxtrots—Marimba Original Excelsior de Guatemala, "Bomberos" (21903); "Mi Perrito" (Pearly Chagnon) (21905).

11.0 : God save the King.

### 4YA, DUNEDIN (650 KILOCYCLES)—SATURDAY, AUGUST 8.

2.45: Relay of description of Association Football from Logan Park, Dunedin.

5.0 : Children's hour, conducted by Aunt Anita.

6.0 : Dinner music session (Columbia)—

The Classic Symphony Orchestra, "Raymond" Overture (Thomas).

Band of the Garde Republicaine, "The Two Pigeons" (Messenger): (1)

Entrance of Tziganes, (2) Scene and March of the Two Pigeons.

Herman Finck's Orchestra, "Schubertiana" (arr. Finck) (02721/2).

Musical Art Quartet, "To a Wild Rose" (McDowell) (01506).

The Rhythmic Troubadours, "Song of the West" Selection.

London Theatre Orchestra, "Maid of the Mountains" Selection.

Rhythmic Troubadours, "Puttin' on the Ritz" Selection (Reg. G20763).

Rio Novelty Orchestra, "Spaventa" Tango (Pares and Van Parys).

Musical Art Quartet, "Mighty Lak' a Rose" (Nevin) (01506).

Rio Novelty Orchestra, "Mientras Lloro el Tango" (D0159).

7.0 : News session.

8.0 : Chimes. Relay of vaudeville programme from 3YA, Christchurch.

10.0 : Dance Programme (Polydor)—

Foxtrots—Marimba Original Excelsior de Guatemala, "El Enganado." Ben Berlin's Dance Orchestra, "There's Only Room for One Love" (May) (23535).

Paul Godwin's Dance Orchestra, "I'm Longing for Something" (Hollander) (23536).

10.9 : Waltz—Ilja Livschakoff's Dance Orchestra, "Mother Needn't Know." Foxtrots—Ben Berlin's Dance Orchestra, "If ifs and Ands were Pots and Pans" (Stolz) (23611).

Ilja Livschakoff and His Dance Orchestra, "The Brave Little Tailor" (May) (22923).

10.18: Vocal—Clem Williams, "Old-Fashioned Girl" (De Sylva).

10.21: Tangos—Ilja Livschakoff's Dance Orchestra, "Your Lips were Mine in My Dreams" (Marbot) (23546).

Ben Berlin's Dance Orchestra, "What's the Time?" (May).

Paul Godwin's Dance Orchestra, "Pimy, My Best Friend is You" (Ortuso) (23653).

10.30: Waltz—Paul Godwin's Dance Orchestra, "That's You" (Molto).

Foxtrots—"Mother Goose Parade" (Breaux) (23327).

Ilja Livschakoff's Dance Orchestra, "I Would I Could be Your Lover" (Dostal) (22923).

10.39: Vocal—Clem Williams and Des Tooley, "You are the Melody."

10.42: Tangos—Ilja Livschakoff's Dance Orchestra, "My Heart is at Your Feet" (Schmidt) (23546).

Paul Godwin's Dance Orchestra, "Don't Leave Me" (Hallander) (23536); "Parting" (Blech) (23653).

10.51: Foxtrots—Ilja Livschakoff's Dance Orchestra, "Don't Fear the First Kiss" (Stolz) (23701).

Paul Godwin's Dance Orchestra, "Dancing Puppets" (Rust).

Marimba Original Excelsior de Guatemala, "Aguilas Mexicanas" (Jose Escobar) (21901).

11.0 : God save the King.

### 2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SATURDAY, AUGUST 8.

2.50 to 4.30 p.m. (approx.): Sports relay.

6.30 to 7.30 p.m.: Children's session

7.30 to 8.0 p.m.: Sports results and talks.

8 to 10 p.m.: Concert and dance programme, with sports results.

## Sunday, August 9

### IYA, AUCKLAND (900 KILOCYCLES)—SUNDAY, AUGUST 9.

3.0 : Chimes. Selected recordings and relay of portion of organ recital from Auckland Town Hall by the City Organist, Mr. Maughan Barnett.

6.0 : Children's Song Service, conducted by Uncle Bert.

7.0 : Relay of Divine Service from St. Andrew's Church. Preacher, The Rev. Ivo Bertram. Organist and Choirmaster, Dr. Neil McDougall.

8.30 (approx.): Orchestral—Concert Colonne Orchestra, Paris, "Symphonie Fantastique—Allegro Non Troppo" (Berlioz) (Parlo. AR1023), Quartet—The Orpheus, "O, Dry Those Tears" (Del Riego).

Soprano—Mrs. Freda Evans, "The Shadow Dancer" (Croke).  
 March—Orchestral Octet, under the conductorship of Harold Baxter, "March Russe" (Lottier); overture, "Rienzi" (Wagner).  
 Bass-baritone—Mr. E. M. Newling, "Tartary" (Wedde).  
 Quartet—The Orpheus, "Beauty's Eyes" (Rosti).  
 Evening weather forecast and announcements.  
 The Orchestral Octet, (a) "Melodie Caprice" (Squire); (b) "Carissima" (Elgar); (c) "Romance" (Karganoff).  
 Tenor—Mr. Sid. Poffley, "God Bless the Morning" (Oliver).  
 Duet—Mrs. Freda Evans and Miss Cathleen Mulqueen, "Greeting."  
 Violin—Alfredo Rode, (a) "La Clochette" (Paganini); (b) "The Dance of the Goblins" (Bazzini) (H.M.V. B2436).  
 The Orchestral Octet, "Inspiration" (Savino); suite, "French Songs."  
 Vocal—The Orpheus Quartet, "Softly Falls the Moonlight" (Rogers).  
 Piano—Una Bourne, (a) "Polish Dance" (Scharwenka); (b) "Rondo All Turca" (Mozart) (H.M.V. B2492).  
 Selection—The Orchestral Octet, "Rigolletto" (Verdi).  
 10.0 : God save the King.

### 2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, AUGUST 2.

3.0 : Afternoon session of selected gramophone recordings.  
 6.0 : Children's Song Service, conducted by Uncle George, assisted by St. Mark's Anglican Sunday School Choir.  
 7.0 : Relay of Evening Service from the Vivian Street Church of Christ. Preacher, Pastor W. G. Carpenter. Organist, Miss Hazel Hunter.  
 8.15 (approx.): Relay of Band Recital by the Port Nicholson Silver Band from the Grand Opera House (Conductor, Mr. J. J. Drew).  
 God save the King.

### 3YA, CHRISTCHURCH (930 KILOCYCLES)—SUNDAY, AUGUST 2.

3.0 : Gramophone recital.  
 5.30 : Children's song service.  
 6.15 : Chimes from studio.  
 6.30 : Relay of Evening Service from the Church of Christ, Moorhouse Avenue. Preacher, Mr. Stuart Stevens. Organist, Miss E. Hepburn. Choir Conductor, Mr. H. E. Ames.  
 7.45 : Musical recordings from studio.  
 8.15 : Relay through 4YA, Dunedin, of programme of Otago Mounted Rifles Band, Oamaru.  
 10.0 (approx.): God save the King

### 4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, AUGUST 2.

3.0 : Afternoon session.  
 5.30 : Children's Song Service, conducted by Big Brother Bill.  
 6.15 : Instrumental recordings.  
 6.30 : Relay of Evening Service from St. Paul's Anglican Cathedral, Dunedin. Preacher, Canon E. R. Nevill, M.A. Organist, Mr. E. Heywood, F.R.C.O.  
 7.45 : Selected recordings.  
 8.15 : Relay from Oamaru of concert to be presented by the Band of the Otago Mounted Rifles, under the conductorship of Mr. G. Whale, and assisting artists.  
 Band selections include—  
 March—"Foden's Own" (Greenwood).  
 Hymns—(a) "Bradford," (b) "Wondrous Love."  
 Selection—"Faust" (Gounod).  
 Solo—"Serenata" (Toselli—arr. Ord Hume).  
 Selection—"La Forza Del Destino" (Verdi).  
 March—"Carry On" (Herbert Womson).  
 Soprano—Madame Winnie Fraser, (a) "The Shepherd's Song" (Elgar); (b) "Blow, Blow, Thou Winter Wind" (Quilter).  
 Vocal duet—Madame Winnie Fraser and Mr. P. Linton Hodge, "Now Stand We on the Summit of the Hill" (from "The Rebel Maid").  
 Song—Miss Doris Taylor, with band accompaniment, "The Lost Chord."  
 Baritone—Mr. Johnson Mayfield, (a) "Lorraine, Lorraine, Loree" (Sprous); (b) "Gingham Gown" (Arthur A. Pen).  
 Elocution—Mr. Stanley Hook, (a) "An Old Bachelor" (Chevalier); (b) "What is a Gentleman?" (Mel. B. Spur).  
 Banjo—Mr. Robert Jackson, (a) "Mélodie Time in Dixieland" (Ringle); (b) "Barcarolle" (from "Tales of Hoffmann") (Offenbach); (c) medley, "Popular Melodies."  
 10.0 (approx.): God save the King.

### 2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, AUGUST 2.

6.0 to 6.45: Children's Sunday Service.  
 8.15 to 10.0 p.m.: Concert programme.

## Our Mailbag

(Continued from page 2.)

allotted to them between 200 and 550 metres, and also worked on the amateur band of 80 metres. This is perhaps a bad practice, because tests are made on 80 metres and prove to be 100 per cent., but on changing the transmitter over to, say, 270 metres everything is not O.K. Therefore, it would be wise to always work on the one frequency; a lot could be said on this frequency changing, but a little is perhaps enough.

The YA stations give us a good all-round service, but it must be expected to have someone grumbling about programmes, fading, distortion, etc. Mr. Nimmo's suggestion that the central "B" class stations should be co-ordinated and worked in co-operation with the main YA station is a sound proposition in more ways than one, meaning it would overcome unnecessary expense of erecting relay stations, as proposed by the R.B.C. some time ago. It would help listeners where reception was not of the best from a YA station direct, also doing a good service to allotted "B" class stations in a position to relay those that have rendered good service in the past.—A. B. and C. (Wellington).

### More Music and Variety.

I WOULD like to add my endorsement to the views of "Cromdale," "Screen Grid," and others. The Radio Broadcasting Company could certainly copy the Australian Broadcasting Company in many things to its benefit. "Cromdale" names one. If you do not want the news reports there is always music to be had. One of the main faults with the vocal items is that the accompaniment is nearly always too loud. On Monday night it was delightful to listen to, the piano being just right. It was a background to the voice instead of vice versa.—Moi Whare.

### Unjust Criticisms.

I CANNOT understand the unjust criticisms of some people, of our local 1YA and south stations. It seems a world of people with complaints. I heard the same said of the fine and beautiful programmes of the British Broadcasting Company in London while on a visit there in 1926. I heard the "Nightingale Song" broadcast from Oxted, Surrey, and some said "It was not loud enough." I hope the Government does not meddle with the present broadcast arrangements. Private control, as at present built up, is better. Our 1YA is very even and steady, and is a credit both on the programme and broadcasting. On my short-wave set I get some of the Yank abominable advertising. We want radio pure.—K. Service.

### Hard to Understand.

ON reading this week's "Our Mail Bag," it is certainly hard to know just what the listeners do want, for there are so many good arguments both for and against advertising through B stations, and one wonders if some of the correspondents are really unbiased.

The letter of George Fraser's in the "Record," July 10, while giving his personal views, is far from being constructive criticism, and almost borders on personal sarcasm, for his "dig" at Mr. Ellis was surely uncalled for, and I can assure Mr. Fraser that not only the smaller but also practically every American station takes full liberty with the advertising privileges allowed them, and what Mr. Brooks Gifford says is the universal feeling in the States and not "utter Bunkum."

Personally, I have no fault to find with any of the programmes, for if I do not want what one station is putting over I can tune in to any of the others, and always remember that there are a lot of listeners who are enjoying the programme that does not appeal to me.

If one stops to consider the number of hours the Radio Broadcasting Company

are broadcasting weekly, a minimum of 200 hours, with programmes as varied as it is surely possible to obtain, what more can listeners want for their 30/- annually; or from one station, 2YA, they are getting 77 hours of varied entertainment for the sum of 7d., and yet we find there are some who are still not satisfied, but I am thankful to say they are in the noisy minority.

This afternoon, not being a follower of New Zealand's national game, I tuned in to 2YB, 1YA, 2YA—all Rugby; 3YA I could not get owing to interference on their band, but found what I was hoping for, a description of a Soccer match between High School Old Boys and Seacliff, from 4YA. This provided my afternoon's entertainment.

A word of advice to others: "Do not expect the Radio Broadcasting Company to put over just what you like; remember you are only one of over 100,000 licensed listeners."—D.X.I.T.

### American Methods.

I WAS interested to read Mr. G. Fraser's letter about the present stir that is going on about advertising over the air. The writer is well known as a listener to American stations, and finds the advertising menace is very rife among the privately-owned stations. One very seldom hears advertising over the big companies, such as the National Broadcasting Co. and the Columbia chain. The advertising from these stations are very limited. I recently was listening to a privately-owned station in Oklahoma City, and they were advertising an electric clock after every item. This is the evil that is upsetting the American programmes. Let us carry on as we are, and don't allow this advertising to creep in. I am strongly against Government control of our YA stations. Let the Government handle the political side; the Broadcasting Company will do the best and improve the programme with the proposed chain of stations over New Zealand.—S. Ellis (Okato).

### No Harm.

PERSONALLY I see no harm in the B stations announcing the name of the firm sponsoring their programmes. Your correspondent, Leslie Jones, says too much talk is tiring and unnerving. How would he like to listen all Sunday afternoon to someone in the Auckland Town Hall talking about Christian Science, or the whole evening to one of 1YA's alleged comedy plays? No, Sir, the dinner sessions are good, but the only evening session worth listening to is what 2YA puts over. I have an A.C. set, capable of giving me the choice of about twenty stations, but I was content to listen to 1ZQ six nights out of seven, until the Postmaster-General's high-handed tactics were responsible for closing it down for doing what the other Auckland B stations always have done, and are still doing. I have been a listener for six years, and I don't think the improvement in YA programmes has been commensurate with the increased revenue handled by the R.B.C. Let those yearning to listen to YA stations tune in to them, but for goodness sake, hands off the B stations.—Alfred Whiteman.

### More Talks Desired.

I PERSONALLY would welcome more lectures and other oral numbers, and cannot agree with those who condemn the overseas programmes. To me they are acceptable as humour suitable to the times. I sincerely hope that transmission is not taken over by the Government. I believe it possible so to popularise "listening-in" as to be able to reduce the license fee to £1, and this is a consumption achievable the more easily by a company than by the Government, with its notorious mismanagement. Another suggestion I would like to offer is that the Sunday night services be cut off at the Benediction, to save the infliction of a long retiring voluntary, and permit of listeners getting the opening items of the ensuing concerts.—"Enthusiast."

Burgess Batteries  
are used in all  
big events.

Why?

**BURGESS  
RADIO  
BATTERIES**

More Burgess  
Batteries are sold  
in New Zealand  
than any other.

Why?

## Voice of Michael

(Continued from page 6.)

the very opening. Hearing a male voice in discussion with a female voice, I said to myself: "Critic, beware! That may be a student, but the master, where is he?" He was not! Ah, well hope deferred maketh the heart something or other, still I'll go on hoping. The discussion really was good! If only one could be as blunt as was this lady's informant. Fancy telling a member of the fair sex that you had hoped these talks were making her more intelligent—and saying it in the tone of voice which made it abundantly clear that you had been disappointed!

Some of our more ardent "Buy N.Z. Goods" partisans must have longed to join issue with this young economist, who showed with such devastating logic that independence of the outside world was a fond, but vain, hope of the past. His convert's wistful "But I thought that nothing which happens elsewhere in the world could affect New Zealand?" was ridiculously symbolical of much of our national thought. There, I thought, speaks the voice of New Zealand.

I fear that her "teacher" was only too correct in stating that his exposition would not be popular and would gain very few votes. The truth is rarely easy of digestion and indigestible mental food is never popular. However, the galling truth that we are not self-sufficient, that we are but a small cog in the universal wheel and not the hub, must be faced. The sooner all the various countries of the world realise that bitter truth, the sooner shall we resume a rational era of respectable inter-trading of both goods and ideas, to the ultimate blessing of mankind in general.

We are, by force of circumstances, primary producers. Not having even the nucleus of a monopoly in the goods we sell, let us remember that the sale of those goods depends very largely on goodwill, and goodwill is not built on sentiment, but on hard trade. International trade is only exchange and barter. The outside world will not buy from us unless we prove our willingness to buy from them. The seeds of this teaching show signs of sprouting; the sooner they have grown into healthy plants the better for us all.

## Finland

MY ignorance concerning Finland was pleasantly enlightened by Dr. Scholefield in his "International Talk" on Wednesday evening last. The doctor makes no pretence to oratory, but presents a mass of facts in plain, straightforward style, conveying a quite adequate mental picture of the country described.

The mental conception the majority of us probably have of European countries is that they are highly developed, with but little waste space or territory in a state of Nature. It was, therefore, quite surprising to learn that approximately only one-tenth of the area in Finland has been "civilised"; that her immense forests are still relatively untouched, although providing timber sufficient to send 15,000 rafts annually down

(Concluded on page 30.)

## ANNOUNCING

# A New Monthly Magazine

## "THE RADIO LOG"

The "Radio Log" is a magazine for D.X. enthusiasts. You know who they are—all those who are interested in the reception of distant stations.

It will contain interesting news items concerning overseas stations, complete and up-to-date lists of call stations, items heard over the air by D.X. listeners, hints on how to obtain better reception, pictures and diagrams, and a short-wave section.

In short, everything concerning radio as it is applied to the reception of overseas stations will be included.

Never before such a fund of technical knowledge in such easy-to-understand language. Edited by the editor of the "Radio Record," and specially contributed to by New Zealand's leading technicians, who have at their command all knowledge appertaining to the intricacies of modern wireless. You will welcome this book at the price of 6d. a copy.

The "Radio Log" is the Official Organ of the D.X. Club, but will contain a wealth of information to radio enthusiasts generally. It is not a technical magazine, so do not be afraid of not being able to understand its contents. Space will be devoted to the views of listeners, and if the D.X. pages of the "Record" are any guide, this will be a popular section. Further, announcements and information concerning the popular D.X. Competition at present being conducted in the "Radio Record" will be largely transferred to the "Radio Log." This policy will commence with the first issue of the latter, which will contain details of the results of the recently closed D.X. competition. There is also a good list of American stations.

Price 6d.

GET YOUR COPY TO-DAY

From Any Bookshop. From Any Radio Dealer.

"RADIO RECORD," Box 1032, Wellington.

Please send me one copy of "The Radio Log." I enclose 7d., in stamps.

Please send me the "Radio Log" for 12 months. I enclose 6/6.

(Strike out one not required)

Name .....

Address .....

R.R. 1

## Voice of Michael

(Continued from page 29.)

to timber and pulp mills. The assurance was given us that in the agricultural sense little fear need be entertained of Finnish competition. True, she has some 2,000,000 dairy cows, and exported before the war up to 12,000 tons of butter. In numerical strength her dairy herds exceed those of New Zealand by a substantial total, but it is improbable that her total manufacture any way approaches that of this Dominion, owing to the relatively superior advantages ob-

## Bob Horrobin's SALE

STILL IN PROGRESS

201A Valves ..... 6/9  
UV 199 .06 amp., with Socket, 5/-  
Condor 4-Volt .1 amp. .... 6/6

A.C. Type, Bond Valves:—

226.	Were 13/-	Now 11/6
227.	Were 18/-	Now 15/6
224.	Were 27/-	Now 20/6
245.	Were 17/6	Now 14/6
280.	Were 25/-	Now 17/6
281.	Were 50/-	Now 39/6

Post Free.

FLASHLIGHT CORNER,  
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taining in New Zealand for butter-fat production. The severe winters, and the necessity for housing occasioned thereby, offer a definite handicap to pasture production.

The Finns have ever been lovers of freedom. Even when under Russian domination they were by no means servile, but resisted the imposition of numerous Russian dictates, with the result that many leading politicians and judges were exiled to Siberia. The Russian upheaval offered Finland the opportunity for establishing a republic, and this they promptly seized.

To-day Finland is the home of a well-developed, independent, self-reliant, progressive and aggressive people. They are keen commercially, broad-minded politically, progressive in the legislative field, and strongly wedded to sports and athletics. Who has not heard of Nürmi, the great distance runner? We are assured that he is but one of a score of athletes of almost equal class. The rigorous conditions under which Finnish life has attained its standard were adequately indicated and should make New Zealanders more than ever appreciative of the wonderfully fruitful and healthy climate in which they are placed.

## In Revolt

SELDOM have I felt more in sympathy with a movement than while Mr. Frank Milner, M.A., speaking from 3YA, was expounding the revolt of German youth against the circumscribed life of the 20th Century.

These young people have fired a trail which will eventually circle the globe. All they did was to don comfortable clothes, carry a stout stick and a filled rucksack and sally forth on foot to see what they could see between Saturday mid-day and Monday morning. Simple, isn't it? But the result of that simple initial step is reflected in the fact that the movement has gained official recognition and encouragement in Germany; so much so that in the schools one day's hike a month is a compulsory part of the curriculum. Shelter huts and buildings by the thousand have appeared throughout the length and breadth of the countryside; charges for accommodation are at a minimum and, in point of fact, Official Germany, with customary shrewdness, sees in the movement national health, vitality and productive powers.

It is pleasing to note how popular the tramping movement is becoming in England, where Government, municipal, civic and public bodies are in various ways helping to foster the idea that the countryside possesses a wealth of beauty and health previously inconceived. The Carnegie Trust has devoted £10,000 towards the building of accommodation huts; the Scottish Forestry Commission has guaranteed sites in the territory under its control; in a score of different ways there are plain indications that public opinion is with the movement.

There are the usual band of faithful Jeremiahs who see in the healthy companionship of both sexes the moral downfall of civilisation; these are loud in their condemnation. Did they but realise how they advertise the possession

## Hospital Radio

(Continued from page 3.)

thought to be a defective insulator in the power system nearby, but it is hoped to trace this. The X-ray and electrical equipment in the hospital affect reception also, but it will not be difficult to arrange that the two are not in operation together.

The contractors for the installation were Messrs. Lightband and Wann, New Plymouth, and the builders of the equipment were the Stewart Hardware Co., Wellington, whose engineer, Mr. J. M. Gifford, has been supervising the work. The equipment is all New Zealand made.

of nasty warped minds, which give a twist to the perspective of whatever they regard, I am inclined to think that we should be less annoyed by the burden of their doleful dirge. This is Youth's revolt against conventionalism; against Victorian frowns; against 20th Century mechanisation; it must win through! A convert to the natural joys of fresh air and sunshine never slips back—he or she goes on converting! Good luck to them both.

Simplify DX-ing.

DX CLOCK ..... 9d.  
DX VERIFICATION FORMS—  
1/6 for 2 doz.; 8d. doz. over 6 doz.  
Booksellers, Dealers, or Box 1032,  
Wellington.

# L.F. TRANSFORMER CURVES ARE EASY TO UNDERSTAND

The curve is an authoritative indication of a transformer's performance, and you will be repaid many times for the little care you take in understanding and comparing curves. Before buying a transformer, ask to see the curve of a FERRANTI AF5. To begin with, you will notice that the chart is drawn to a musical scale and that the easily recognised notes are then transferred into terms of "frequency per second"—nothing intricate or misleading about that. The markings on the left-hand side of the chart indicate the amplification value—that is, the amount the signal is amplified by the transformer and one valve. As the duty of the transformer is to amplify signals not only strongly, but UNIFORMLY, it will be realised that perfection lies in the direction of a straight, horizontal line on the chart, and, to some extent, "curve" is a misnomer. The High Amplification and the Entire Absence of Peaks on FERRANTI Transformer curves is not equalled by any other transformer when connected in the normal manner. THAT IS WHY WE ASK YOU TO COMPARE THE CURVES BEFORE YOU BUY.

Choose Your AUDIO TRANSFORMER Firstly by CURVE, Secondly by MECHANICAL DESIGN and FINISH, and Finally by the NAME, which is a Guarantee of QUALITY. Your choice will then be—

## FERRANTI

### ARTHUR D. RILEY & CO, LTD.

AUCKLAND

WELLINGTON



## Short-wave News

## New Zealand Short-wave Club.

THE next meeting will be held in Nimmo's Concert Hall, Willis Street, on Thursday, July 30, at 7.30 p.m., when a lecture on the pentode valve will be given by a representative of Philips Lamps Ltd. All interested are invited to attend.

## PMY, Bandoeng, Java.

PMY is a short-wave transmitter owned by the Government of the Dutch East Indies, but used by the Bandoeng Radio Society for broadcasting and obtaining data about reception in the Dutch East Indies. The wavelength of PMY is 58.3 metres. Power, about 250 watts. The best time to listen for this station in New Zealand is after 11 p.m.

## Mystery Transmitter.

TO fight the Bolshevik propaganda being put on the air by the Soviet stations, a new short-wave transmitter has been installed in Poland. The location of the station is a mystery, and so far efforts to locate it have proved ineffective. A wavelength of about 42 metres is used, and announcements are made in Russian. The station opens with Tsarist "Preobrazhensky March," and closes with "God Save the Tsar"—the former Russian National Anthem. The talks are of an anti-Bolshevist character, and the station is giving the Soviet authorities much concern.

## HVJ, Vatican City.

THE following are the schedules of the Vatican City short-wave station, HVJ, on 50.26 metres, and 19.84 metres. Week days, 19.84 metres, 9.30 p.m. to 10 p.m., telephony, 19 p.m. to 10.30 p.m., telephony, 50.26 metres, 6.30 a.m. to 7 a.m., telephony, and 7 a.m. to 7.30 a.m., telephony. Sundays and Feast Days, 9.30 p.m. to 10.30 p.m., telephony on 50.26 metres (all times, N.Z.T.).

Part of the morning week-day transmissions are given in Latin and Italian, and part in various other languages, as follows:—Wednesday, English; Thursday, Spanish; Friday, French; Saturday, German; Sunday, various other languages.

The above particulars of the schedule of HVJ were supplied to the "Wireless World" (England) by the Rev. G. H. J. Horan, of the Observatories de Ksara, Liban, Latvia.

## A Mystery Solved.

THE following will be of interest to short-wave listeners who have heard the special gramophone transmission from Rome recently. It was quite a puzzle to me at the time, but the letter (from the Gramophone Company, Limited) makes things quite clear.—T. P. Sewell (Christchurch).

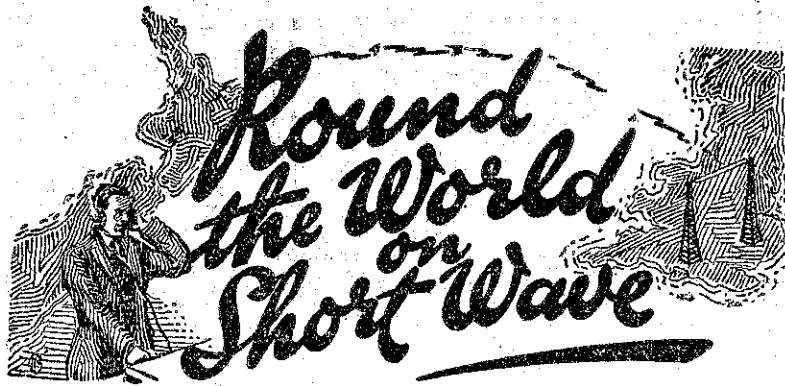
"We were very interested to receive your letter of April 27 regarding our broadcast from Rome. This was the second of a series of two we gave from this station, which were transmitted on wavelengths of 441 and 25.4 metres for

## SPECIAL VALUES

0-50 Pocket Voltmeters, 7/6. Now 5/-  
171 A.C. Tubes, for Electrics, 18/-.  
Now 10/6  
Tone Controls, for Push-Pull Sets, 19/6  
Speaker Extension Cords. 20ft., 3/-  
Speaker Extension Cords. 50ft., 4/6  
Extension Cord Connectors .... 1/3  
Hydrometers—small, 2/3; large, 3/6  
"C" Batteries, 4½-volt, 1/-, 3/9; 9v. 2/9  
Spark Tester and Pencil, 1/6; large, 1/9  
3-Valve Radio, complete .. £12/10/-  
Speakers from 37/6, less special discount

ROYDS-HOWARD CO.,

553 Colombo St., Christchurch.



THIS page is conducted in the interests of shortwave enthusiasts. A weekly log comprising notes of reception and interesting topical events is contributed by Mr. F. W. Sellens, Northland, Wellington, but all listeners are invited to send in paragraphs of general interest.

the benefit of English listeners. You will no doubt be interested to know that the concerts were conducted by Mr. Christopher Stone, who is well known in England for his weekly broadcasts of gramophone records from the B.B.C. stations. He was not present in Rome in person, his remarks being recorded in London

## D.X. NOTEPAPER.

Makes sending for verifications easy.

Per two dozen lots, 1/6 posted.  
Per 6 dozen lots, 4/- posted.  
Special paper for members of the D.X. Club. State your station number when ordering. Non members can still get the ordinary notepaper from booksellers and office. DX Club paper from office only. Write to Box 1032, Wellington.

and the records played in Rome between each item; the dog's bark was also recorded immediately preceding each announcement."

## Lyre Bird from Australia.

AN interesting item was heard from VK2ME during each of their special broadcast programmes for world-wide reception last Sunday and Monday. This was a reproduction on a sound film of the singing of the lyre bird. This particular bird has its home in the Sherbrooke Forest, 35 miles from Melbourne, and it sings and mimics various other birds of the forest at the same hour each day. This item came through very well here.

## LOG FOR WEEK ENDING JULY 25.

RV15, Siberia, 70.1 metres: This station has suddenly disappeared. I have not heard it for about a fortnight.

HVJ, Vatican City, 50.26 metres: Tuesday, Wednesday and Friday mornings from 6.30 a.m., was very good, but all foreign talk.

Moscow, 50 metres: Each morning except Tuesday, good volume, but spoilt recently by a gurgling noise.

W9XF, Chicago, 49.53 metres: Saturday, R8-9 at 4 p.m., spoilt by local QRM.

PK3AN, Sourabaya, Java, 49.7 metres: Tuesday, 11.45 p.m., R7, static bad.

ZL2ZX, Wellington, 49.51 metres: Wednesday and Thursday evenings, excellent quality.

WSXAL, Cincinnati, 49.5 metres: We are hearing quite a lot of this American station now, late in the afternoon and again from 10.30 p.m. or 11 p.m. On Friday evening they opened at 10.30 p.m. with their call, and gave the time as 6 a.m., Eastern Standard time. They stated that they were anxious and willing to broadcast special programmes for foreign countries, and that they had been re-broadcast by 2YA, Wellington, and

3AC, Christchurch. A musical programme continued till 11 p.m. This was followed by the weather forecast, and then breathing and setting-up exercises.

W2XE, New York, 49.02 metres: Saturday and Sunday, R7 at 4.30 p.m., but very noisy.

FB1CD, Saigon, 49 metres: Commences at 11 p.m. with "Hullo, hullo, here is Radio Saigon," etc. They are back again to their old-time volume, R9. Their native music is very quaint.

W3XL, Boundbrook, 48.69 metres: Sunday, till 4.30 p.m., at R8-9.

REN, Moscow, 45.5 metres (about): Good volume every morning till 8 a.m.

PLW, Java, 36.92 metres: Wednesday, 10.45 p.m., records at R9, with slight rapid fade.

Radio Maroc, Rabat, 32.26 metres: Monday, from 7.30 a.m., R8-9; very gushy.

32.3 metres (about): A stranger was heard on this wavelength on Friday morning at 7.30 a.m. at R3-4, with talk and music. The talk was foreign, but too gushy to be readable.

VK3ME, Melbourne, 31.55 metres: Wednesday and Saturday, from 9.30 p.m., excellent at R9.

OXY, Denmark, 31.51 metres: Sunday, Tuesday, Wednesday, and Thursday, from about R2 at 6.30 a.m. to R7 by 7.30 a.m.

W2XAF, Schenectady, 31.48 metres: Sunday, R7-8 at 3 p.m., but very gushy. Better on Saturday, both in quality and volume, with a relay from the Hotel St. Regis.

Zeesen, Germany, 31.38 metres: Every morning, very weak before 7 a.m., and at 7.30 a.m. it is only about R7 and has been very gushy most mornings recently.

W1XAZ, Springfield, 31.35 metres: Sunday and Saturday afternoons, R8 at 3.30 p.m.; Saturday, 11.30 p.m., R4, very gushy.

PCJ, Holland, 31.28 metres: Saturday, R9 at 7.30 a.m., when the announcer said, "Good-night, America, and good-morning, Australasia." At 1.30 p.m. (Saturday) they commenced at R7, increasing to R9 by 4 p.m.

VK2ME, Sydney, 31.28 metres: Sunday afternoon and evening, also Monday morning, with their world-wide programme. Volume R9, with one stage of audio. Quality excellent.

EAQ, Madrid, 30.4 metres: Sunday from 12.45 p.m., R8 and gushy. All talk in Spanish. The call was given several times.

FYA, Paris, 25.63 metres: The new French colonial station comes in well from 8.30 a.m. Sunday is the only day I get a chance to hear them. Talks appear to take up most of the time.

G5SW, Chelmsford, 25.53 metres: Very poor now till after their interval between 7.30 a.m. till 7.50 a.m. The interval announcement, following the Greenwich time signal at 7.30 a.m., is seldom more than 75 per cent. readable on account of rapid fade. Conditions are improving for their 11 p.m. (our time session): their carrier is audible now at this time,

whereas a few weeks ago nothing could be heard.

12R0, Rome, 25.4 metres: Each morning quite good by 7.30 p.m., but not up to volume a few weeks back.

W8XK, Pittsburgh, 25.25 metres: Sunday, from R3 at 12.30 p.m. to R8-9 by 2.30 p.m. Signals were gushy all through.

French Station, 25.2 metres (about): Monday, Wednesday and Thursday, R7 each morning at 7.30 a.m. Music and talk.

## Cricket Broadcast

(Continued from page 2.)

land-line and radio, and, if the conversations are as successful as experiments indicate, the voices will be heard as clearly as if both were standing before the microphone.

And all this can be brought into the home of the owner of the most insignificant crystal set. Such are the marvels of radio.

co-operate more closely in trading relations and it will help business on both sides."

The "Sun's" message to the "Daily Mail" was: "On behalf of the people of New Zealand, we would like you to hand on their best wishes to the New Zealand cricketing team for the second Test." A message was then sent to Mr. A. T. Donnelly, chairman of the New Zealand Cricket Council, who is in London.

And so was brought to a culmination the combined efforts of scientists and engineers, adding to radio's record another fine achievement. It is now possible for anyone in either England or New Zealand, without leaving his office to call up toll and ask for a number in the other country. Surely a marvel beyond comprehension.

AND this service is now to be utilised in the most unique broadcast that has ever taken place. This broadcast is a momentous one, not only in the history of New Zealand broadcasting, but in the history of the world radio history. Once the service was declared open the Radio Broadcasting Company approached the Post and Telegraph Department asking to take a quarter of an hour toll service with London. Our Prime Minister graciously cabled the High Commissioner in London and the necessary arrangements were made.

The line has been tried out at this end and, while it is impossible to guarantee any radio reception at any time, yet there is every possibility that it will be a success. It must be remembered, however, that even the well-established service between London and New York is sometimes held up for as long as a fortnight by magnetic storms and other disturbances over which we have no control. Let us hope that none of these will interfere with the broadcast on the mornings of Thursday, Friday, and Saturday.

## FOR SALE OR EXCHANGE

The rate for small advertisements under this heading is 1/6 cash for 20 words, and twopence for every other word thereafter.

RADIO—Reliable Crystal Set, 9/6; Wavetrap, 6/6. Sets built to specifications. Phone 25—382, or 80 Parade, Island Bay, Wellington.

FOR SALE—Crosley Battery Set, with six valves, single dial control. Bargain, £6. Also Philips Speaker, £6/10/- model, for £3. "Crosley," Box 1032, Wellington.

### The Musical Moment.

"ONE finds music," says Sir Edward Elgar, "among the trees, in the armament, and one transfers as best one can to a score sheet. Inspiration comes to me at all sorts of odd times—when I am fishing, perhaps—and I jot down the notes on a scrap of paper." His latest composition is dedicated to the Duchess of York and the Princesses Elizabeth and Margaret Rose. He wrote it on the occasion of the birth of Princess Margaret Rose, and it is an inspiring work of airy grace and charm.

### England, My England!

FEW people who have not travelled realise in the least what it means to belong to an Empire that is spread over the world. All who have had the thrill that it gives the traveller in a Dominion or Colony to see the flag flying over public buildings, to hear the National Anthem sung or played, and to realise that people who speak with a different accent are just as much the subjects of the King and share with the children of the Mother Country the traditions and history of which we are all proud. Nothing does more to make the overseas people feel at home in England than the kindness of her people, and not only the kindness but that suggestion of welcoming home the children from afar which some of those who are really interested in the British Empire contrive to give. In many parts of the world now there are men and women whose whole idea of England is coloured by the stories of the fighting men who were entertained and made to feel at home in the houses of the people of the Old Country—allowed to share for a few hours or a few days the family life for which many of them craved.—"Pandora."

### A Boon Indeed.

WOMEN whose brows no longer retain the smooth serenity of youth should be grateful to an ingenious milliner for her latest idea. This is a flesh-pink bandeau for wear with the "off the head" little hats so fashionable just now. It follows the shape of the forehead, and effectively and unnoticeably conceals any tell-tale lines! I must say this idea seems a great improvement on the forehead veils of black net or lace which have hitherto fulfilled the same "camouflaging" function.

### White for "Beneaths."

TO ensure the perfect fit of a frock, well-cut and carefully chosen undergarments are a real necessity. Sets may be of satin and real lace, or merely inexpensive, unadorned voile; it makes no difference, provided they are shaped on simple lines and form a flat foundation for thin dresses. Pinks, blues, and mauves are still in evidence in underwear departments, but white will lead this summer. When lace is seen it is coffee-coloured and narrow in width. Princess petticoats, plain and elaborate, are mostly expressed in cambric, artificial silk, artificial satin, artificial silk and cotton, and printed shantung. The latter will be found exceptionally hard-wearing; moreover, it hangs perfectly. Narrow bindings in contrasting shades, and in small plaid designs, take the place of hems.

### Our Practical Princess.

THE Prince of Wales, who has been giving hints on salesmanship to British manufacturers, would have been



delighted with his sister, Princess Mary, who was selling at the Royal School of Needlework summer sale. Not only did the Princess call out the price of each article clearly to the intending buyer, but she gave the change in every case and counted it out to avoid mistakes.

Perhaps her youngest customer was a little girl of one year old, who purchased a small silver spoon—much to the Princess's amusement. In spite of

### Jewels

An emerald is as green as grass.  
A ruby red as blood,  
A sapphire shines as blue as heaven,  
But a flint lies in the mud.  
  
A diamond is a brilliant stone  
To catch the world's desire,  
An opal holds a rainbow light,  
But a flint holds fire.

—Christina Rossetti.

the dull weather, Princess Mary enlivened the afternoon with her chiffon frock, patterned in pastel green, blue, and pink, and her big rose straw hat, with its ruby and diamond pin and little rose of pink tulle and lace. She wore two ropes of her lovely pearls.

### That Lovesome Plot.

WHEN life seems "blue" indoors, there's no place like a garden to blow away the cobwebs. When you want to quarrel with someone, the sight of beauty and harmony in the garden will drive unworthy thoughts from your head, and brush unkind words from your lips.

When you feel lonely, make friends with the flowers, the birds, and the bees.

A garden is Nature's playground and civilisation's haven of rest. So, when life doesn't seem worth while and you can hardly keep back your tears, go into a garden and let Nature soothe your troubled mind.

### Much Maligned.

AND speaking of the young, am I prejudiced in their favour if I comment on the amazing number of pretty girls and nice-looking agreeable young men one sees? There seems to have been lately a close season for finding fault with the modern young thing, and before the chase after their faults is resumed I place myself on record as admiring many of them individually and admiring in the mass their looks and their charm. Is the dissatisfaction with the young only the age-old quarrel between generations, for there is no gulf like that between the generations? Everyone who sees that wise and charming play "After All" realises that the conflict is as inevitable as is the swing round to the parents' point of view once a still younger generation comes on the scene.—"Pandora."

### Those Ladders.

STOCKINGS are a worry to all women. In the large French stores an expert gives you advice on the matter. Monsieur suggests a good brand of hose, and, eyeing you over, brings out a pair of suitable length. He points out the width and solidity of the hem. "Le Gui" stockings have hems lined with cotton, but other French makes for the "dames les plus elegantes" have hems of the same material as the stocking. In silk stockings he advises you to buy half a size larger than you really require, and shrink them before wearing by washing in tolerably warm water. "Yes, madame, wash after every wearing with a mild soap in lukewarm water, without rubbing. Knead and press out all the moisture—never wring. No, lay them in a thick towel, and roll up tightly so the towel absorbs the moisture. Let them dry in this, and then iron with a warm iron. So your stockings will live a long time." Vive les bas!

### The Wrong Silhouette.

THE 1931 fashions are causing quite an unnecessary amount of excitement. It is quite true that there are some very exaggerated styles. The "Mermaid" silhouette, for instance, is one which only looks well on a slim woman, and makes a plump woman appear quite ridiculous. However, there is no excuse for a plump woman to wear a dress that has a mermaid silhouette. There are any number of styles just now that are designed especially to suit this type of woman. The new dresses with a coat effect upon the bodice, a waistline at the normal line, and a skirt reaching four or five inches below the knee gives the stout and elderly woman a chance of being better dressed than she has had for years.

### The Long and the Short of it.

WITH the outdoor season coming on again, the question of long or short hair becomes rather a problem. But women who are debating whether they should sacrifice their carefully-grown long hair "pour le sport" should realise that there is another alternative. This is the half shingle, which enables us to keep our hair long enough to be fashionable, while it does not get in the way for summer sports, such as tennis and swimming. As a matter of fact, nearly all the smart hairdressers are dead against long plaits and curls at any time. This despite the fact that long hair fashions bring extra work their way. They say that few women can keep longer hair in order, while the consequently heavy bills for hairdressing make them bad tempered!

### Lunch Time.

MEDICAL officers of health do not appear to have got rid of the idea that the business girl lunches on a and a glass of milk. Every now

and then this habit of semi-starvation is reprimanded by them, but it is, in fact, largely a custom of the past. The modern business girl demands a more satisfying repast, and the large catering firms supply it at prices which she can afford. Mid-day meal habits have changed for both businessmen and women. The former eat less and the latter more. The average businessman used to indulge in a heavy lunch, and the more prosperous he was the more generous it was in proportions. Now he is content with a lighter meal and a glass of water in place of the beer or bottle of wine in former days. He is all the better in health and pocket for the change. The business girl has reformed her ways in the opposite direction, also with advantage to her health and physique.

### Viva! Amy.

MISS AMY JOHNSTON is still a great heroine when she appears at London social gatherings, especially to members of her own sex. Although it is nearly a year since she did her wonderful flight, and a great many new aviation records have been set up since that time, the sight of her handsome figure in a pretty frock at a social gathering is quite sufficient to set women whispering and men angling for introductions to her. At a dinner dance one night she tried to slip into a corner after she had been received, but during the whole of the time she was there little groups of men and women waited to shake hands with her and say some congratulatory thing about her marvellous adventure. She takes it all very quietly and is not to be drawn about what she intends to do in the air in the near future.

## Broadcaster's Success

### Christchurch Vocalist

LISTENERS to 2YA and 3YA will remember Ailsa Nicol, who left New Zealand last year for the purpose of furthering her studies in London, and all will be pleased to know that this popular radio performer is meeting with well-deserved success at the Royal Academy of Music.

Miss Nicol entered the Academy at the end of last September, and the professors, after hearing her in the entrance examination, were so impressed with the high standard of her production and technique that they decided that she would be able to take the grand opera course without any preliminary work.

Before the end of her second term Miss Nicol was successful in obtaining her L.R.A.M., which usually takes at least two years, gaining very high marks.

The principal of the Academy, Sir John McEwan, was so interested in her work that he sent for her New Zealand record for the L.A.B. examination and it was recorded that when she passed this examination, at Christchurch in 1929, she had been recommended for an exhibition scholarship. In view of her success at the Academy, the Associated Board have granted her two years' free training, and they also refunded her the fees already paid. Madame Josephine Ottley, of Christchurch, is justly proud of her past pupil.

# ... With ... BOOK and VERSE

By "John O'Dreams"

## Jottings

IN "Sowing Glory," Major P. C. Wren has expanded into a book the memoirs of Mary Ambree, an Englishwoman who served in the French Foreign Legion, and whose father and brother, both officers in the British Army, were killed in the first months of the war, she herself driving ambulances for five years in France and Belgium.

EVEN for those not much interested in champion jumpers and intelligent horses, "Moonfisher," by Mr. Philip Macdonald, will prove highly interesting and entertaining. Nicholas Sentry, who has a way in dealing with refractory horseflesh, barters a motor-car for the mare that gives the name to the story. And a vivid and joyful story it is, racing along as fast as Moonfisher herself, and quite as successfully, and the simplicity of the story, its ups and downs, and triumphs and disasters, intrigue by reason of the delightful art of the storyteller.

MR. LIAM O'FLAHERTY is nothing if not stimulating, as those who have read his earlier books do not need to be reminded. A short review of his "Two Years" appeared in this column some little time back, and now in "I Went to Russia," he is blunt, forcible, tragic, and without fear or favour. There is much self-revelation in his latest book, combined with vividly illuminating facts concerning the country that now grips the attention of the world, all of which goes to make Mr. O'Flaherty's book a memorable one.

MRS. NAOMI MITCHISON is not everybody's novelist. Her following is of the highbrow cult, the literary elect. But their enthusiasm fades not nor fails, and her latest book will stir them to fresh enthusiasm. "The Corn Spring and the Spring Queen," a cumbersome title, tells the story of a petty State on the Black Sea Coast, where magic flourishes, and the ways and customs are brutal and barbaric. The lovely siren Erif marries the Corn King, and in order to use her magic power, plots to annihilate him, and put in his place her father. She soon grows to love Karrik, however, but the plot goes on and leads to tragedy piled upon tragedy. Sparta, Athens, Egypt, the toils and intrigues of war and peace, two centuries before Christ, are depicted with able craftsmanship, accurate knowledge, and vivid imagination. This is a novel on heroic lines, and a notable contribution to modern fiction.

## Our Fortnightly Book Review

ALICE MEYNELL

By Viola Meynell

THE gifted and scholarly essayist and poet, Alice Meynell, died at dawn on November 27, 1922, in her sleep. Her daughter, Viola, has now written the biography of her brilliant mother, who has been acclaimed as one of Britain's ablest writers; and has brought to bear a competent literary style, knowledge of social and literary conditions during the past 40 years, and great love and reverence for her subject.

Alice Meynell was the daughter of a grave and studious father and beautiful, gay-hearted, gifted mother, who was greatly admired and loved by Charles Dickens; and the sister of Elizabeth Butler, whose fame as a painter of battle pictures is world wide. Growing from a happy childhood to an introspective youth, a strain of melancholy was apparent in her early poems written before the age of twenty was reached. Soon however, came her meeting with Wilfrid Meynell, eminent English journalist, who, reading one day in the "Pall Mall Gazette" a review of "Preludes" by this brilliant girl, expressed the wish to meet the author. A friend introduced him to her parents, and he and Alice corresponded for a brief period. Very soon their engagement was announced, and a few months afterward came the marriage of the gifted girl with him of whom his friend, Father Lockhart, wrote: "Chivalrous in honour, tender in piety and love, faithful to the end, and true as steel in weal or woe," and his tribute was proved to be right in the years of life together of Wilfrid and Alice Meynell.

Journalism and literary activities were their avocation and delight, and the family of happy children somewhat of an episode in the Meynell menage, though a much beloved one. "The pencilling mama," as she was named by George Meredith, sat for hours at her work, while the band of beautiful babies scribbled in scrapbooks on the floor or edited a precocious newspaper under the table. "We were taken to her arms, but briefly; exquisitely fondled, but with economy, as if there was always work to be resumed. We were all addressed as 'Child,' our names being temporarily forgotten; but our parents had a glamour for us beyond the ordinary, our adoration of our mother being particularly persistent." Mrs. Meynell is revealed as a spiritual, shadowy, aloof personality, but the beauty and devotion of the home life of the Meynell menage are apparent; while the book gives an excellent summary of the published essays, poems and criticisms. Also are included extracts from Mrs. Meynell's letters during her tour in America, in which she is discovered as primarily wife and mother, though filling important role of wage-earner through lectures and countless contributions to important periodicals. Apart from travel, recreation for Mrs. Meynell was apparently not easily come by. Never a great reader of novels, biography she liked, and for relaxation preferred the books of O. Henry and W. W. Jacobs, which she read and read again. A curious choice, one reflects, for that deliberate, highly sensitive, and cultivated artist.

Francis Thompson and Coventry Patmore assisted in the two papers edited by the Meynells, and in many others of their multifarious literary activities. Between Coventry Patmore and the poetess a happy and enduring friendship existed. To him Mrs. Meynell wrote: "I have never told you what I think of your poetry. It is the greatest thing in the world, the most harrowing and the sweetest. I can hardly realise that the author is so celestially kind to me and calls me friend." To her father, says the biographer, Francis Thompson stood for achievement to such a mighty degree that such failures as made the poet himself despair did not exist for him. All the world knows how Wilfrid Meynell and his sweet wife befriended the derelict genius who, wandering London streets in last stages of raggedness and destitution, put a packet of MSS. into the post office, for "Merry England," edited by the Meynells. His poems were printed, and a meeting ensued between the tragic author of "To a Snowflake" and Wilfrid Meynell, the discriminating literateur and faithful friend, which resulted in a lifelong alliance.

Through the pages drift figures of enthralling interest: Ruskin, Henley (Viking Chief of letters, worshipped by the intellectual flower of young England on the other side of idolatry), Meredith, Max Beerbohm. The last-named wrote in good-natured protest: "In a few years' time Mrs. Meynell will have become a sort of substitute for the English Sabbath. Between

MR. RICHARD WARD, in his first novel, "The Compelled Hero," tells us of the ultra-modern smart and youthful intelligentsia of France's gay capital city. In this somewhat depressing tale the author proves himself as possessed of a pretty wit and a ready pen. It is a slight story this that tells of a young composer of music and his disappointing love-story and speedy disillusionment; but the manner of telling, and the extraordinary loveliness of some descriptive passages, lead us to look for future work of this young writer.

FROM first to last a great deal has been written about Queen Christina of Sweden, who succeeded her father, Gustavus Adolphus, almost exactly three centuries ago, though she was not crowned "King" till 1650; but few books about her are as bright as Mrs. Compton Mackenzie's volume entitled "The Sibyl of the North: The Tale of Christina, Queen of Sweden." The book is dedicated to Axel Munthe, author of that wonderful compound of romance, tragedy, and sheer beauty entitled "The Story of San Michele," which only recently came my way. Mrs. Mackenzie, in her book on the Swedish Queen, has concentrated upon a career more extraordinary than any of those depicted in the novels of her brilliant husband.

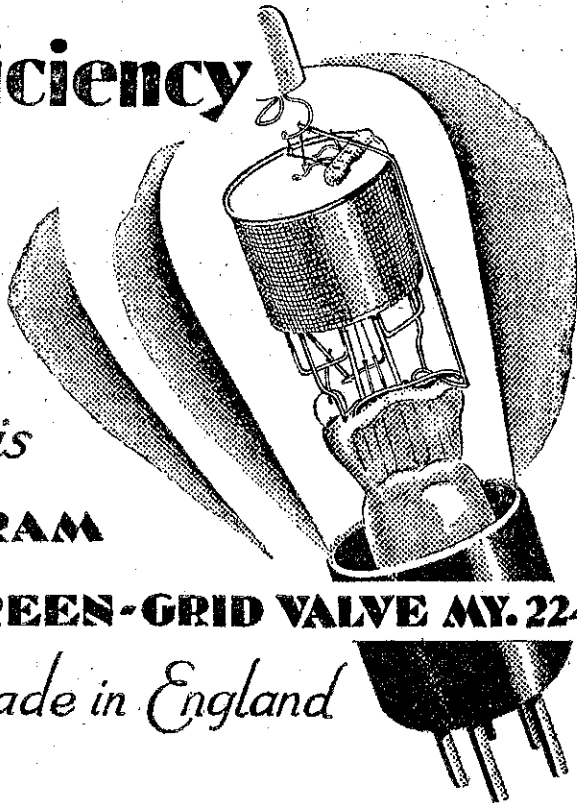
her and Mr. Coventry Patmore the shuttlecock of praise has flashed incessantly, and now hark! the infrequent voice of Mr. George Meredith is raised in her honour."

George Meredith paid homage to Mrs. Meynell in spoken and written word and constant tribute: "Heavy double white violets, unforgettably beautiful, he grew for my mother in a frame, to remind her of Genoa; white strawberries came to us from his garden too. An iris he loved, with pale blue petals and a golden heart, he named Alicia Coerulea and kept her supplied with it."

Mrs. Meynell's later years were saddened by the Great War, which desperately wounded that sensitive spirit. Many of her most notable poems are quoted, but not the one dedicated to her husband, which first won my own love for her work:—

*Home, home from the horizon far and clear,  
Hither the soft wings sweep;  
Flocks of the memories of the day draw near  
The dovecote doors of sleep.  
Oh, which are they that come through sweetest light  
Of all those homing birds?  
Which with the straightest and the swiftest flight?  
Your words to me, your words!*

# Osram... noiseless efficiency



*This*

**OSRAM**

**SCREEN-GRID VALVE MY.224**

*is made in England*

If your radio incorporates the screen-grid principle you will find that its working will be far more efficient if you substitute an Osram MY. 224 for your present screen-grid valve. The new Osram series of 2.5 volt valves is definitely non-microphonic—the only valves that are truly insensitive to vibration or shocks.

You can test Osram '2.5' superiority at your Radio Dealer's. Ask to switch on any set, tune out all stations and tap the 224 or 227 detector. If it is microphonic the speaker will emit a pinging noise, indicative of imperfect reception. If the microphonic valves are replaced by Osram 2.5s, tapping will result in silence.

**Osram**  
2.5 *ac* **Valves**

*Made in England*

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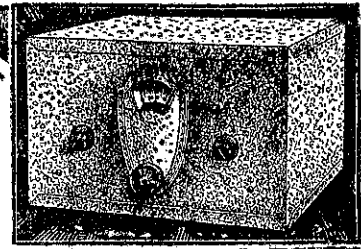
Ask your dealer also to show you the full range of Osram 2.5 volt valves—MY.224, MY.227, MX.245 and MX.280.

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**The SILVER MARSHALL 738 Converter**

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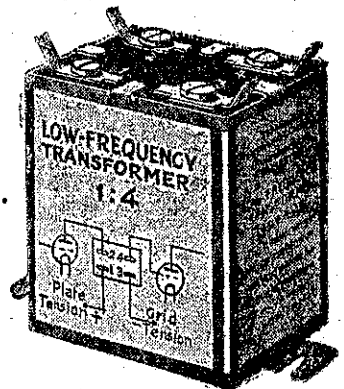
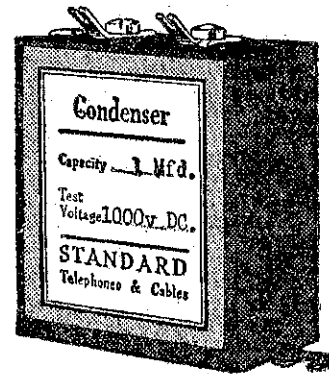
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